

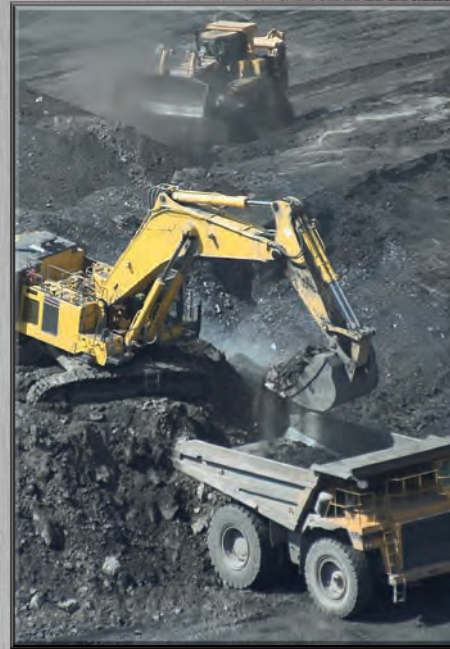


The Right Connection®

2014

Price List

Quality Products Since 1916



Service • Solutions • Selection

dixonvalve.com
877.963.4966



The Right Connection®

2014 Table of Contents

King Crimp Fittings



Male and female fittings, ferrules and crimp sleeves, combination nipples, couplers, frac fittings, coupling inserters, crimp machines

A p. 12

Boss LPS



Male and female fittings, ferrules and crimp sleeves, combination nipples, couplers, frac fittings, coupling inserters, crimp machines

B p. 22

Cam and Groove Fittings



Dixon, Boss-Lock, EZ Boss-Lock, swaged-on and phonograph finish, polypropylene, reducing couplers, adapters, gaskets, replacement handles, accessories, Strap-Grip

C p. 28

Dry Disconnect Fittings



Dry disconnect fittings, dry gas, dry aviation, dry break, FloMAX connectors, safety break away fittings

D p. 84

Boss Fittings



Boss and EZ-Boss ground joint and washer type couplings, male and LP stems, Boss clamps, air hammer fittings, Boss Holedall fittings, steam quick disconnects, hammer unions, Dixon mining fittings

E p. 103

Air Fittings, FRL's, Gauges



Manifolds, Air King universal couplings, King cable, Dix-Lock, Dual-Lock, Air Chief quick connects, air valves, blow guns, tube fittings and valves, FRL's, thermometers, gauges, hose racks & reels, safety check valves

F p. 113

Shank / Water Fittings



Menders, nipples, suction couplings, foot valves, strainers, skimmers, long and short shank fittings, spray hose couplings, quick connects, inserts

G p. 278

Garden Hose and Washdown



Menders, nozzles, quick-connects, hose, swivels, hose barb fittings, forged valves, couplers, coil hose, screens, Straight through's

H p. 308

Brass Fittings



Hose stations, nozzles, garden hose fittings, garden hose, shank fittings, ferrules, crimping tools, pressure gun and accessories, grease whip assemblies, push-on fittings, short shank fittings

I p. 330

Plastic Fittings



Quick disconnect fittings, PVC tubing, tubing cutters, Tuff-Lite nylon and polypropylene hose fittings, acetal fittings, push-in fittings

J p. 352

Clamps



Pinch-on, worm gear, band clamps, Strap-Grip, single and double bolt clamps, spiral clamps, T-bolt clamps, clamp kits, tools and accessories, spring hose clamps, thumb screw clamps, constant torque clamps

K p. 361

Hydraulic Fittings



Flow control valves, high pressure ball valves, needle valves, hydraulic quick connects, return line fittings, plugs and caps, swivel adapters, hydraulic couplings, flat face fittings

L p. 378

Holedall Fittings



Rams, Holedall externally swaged fittings, flanged assemblies, notched fittings, Holedall internally expanded fittings, sanitary fittings, Holedall petroleum fittings, petroleum coupling expanders, API certified fittings

M p. 414

Sanitary Fittings



Clamp fittings, 3A gaskets, weld fittings, bevel seat fittings, John Perry, Q-Line, and I-line fittings, butt weld fittings, tube OD fittings & hangers, ball valves, butterfly valves, check valves

N p. 432

BioPharmaceutical Fittings (BPE)



High purity biopharm clamp and weld elbows, weld and reducing tees, clamp and weld eccentric and concentric reducers, end caps, weld caps and auto weld ferrules

O p. 518

Fire Fittings



Fire hose, reels, fire department connections, wrenches, hydrant adapters, swivels, nipples, valves, thermoplastic, brass and aluminum nozzles, Storz fittings, LDH hardware

P p. 524

Valves



Ball valves, locking ball valves, steam valves, mini valves, pneumatically actuated valves, non-metallic ball valves, strainers, gate valves, butterfly valves, air valves, globe valves, faucets

Q p. 668

Pipe and Welding Fittings



Weld end fittings, welding nipples, flanges, turned back fittings, NPT threaded fittings, nipples, sight flow indicators, grooved pipe fittings, Straub couplings

R p. 706

Tank Truck



Tight and loose fill couplers and adapters, shank couplings, pipe caps, sight flow indicators, reducers and adapters for tank trucks, hose swivels, hose nozzles, rack cords, dry disconnects, nozzles

S p. 740

Swivels and Rack Equipment



Swivels, safety break-away couplings, TTMA flange adapters, API coupler, API rack cords, flanged sight flow indicators, TTMA flange extensions, Type 35 loading arm swivel

T p. 760

Maintenance and Repair



Thread tape, test pumps, coupling inserter, hose mallet, hose knife, hose jackets and guards, hose tags, tape, fiberglass sleeves

U p. 771

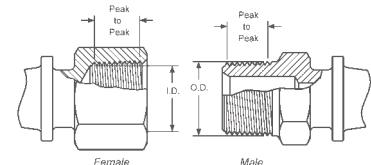
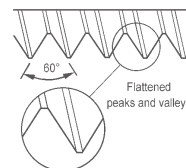
PTFE Hose and Fittings



Nominal fittings, true ID fittings, smooth bore PTFE conductive and non-conductive hose, open pitch convoluted hose, heavy wall true ID smooth bore hose
DPL714

V p. 781

Safety & Technical Information



Crimp recommendations, safety information, chemical and corrosion resistance, steam and pressure conversion charts, fraction-decimal conversion chart, thread identification guide, etc.

W p. 790



The Right Connection®



Philadelphia Headquarters; circa 1920



H.W. Goodall,
Founder; circa 1930



Corporate headquarters, Chestertown, MD; circa 2013.

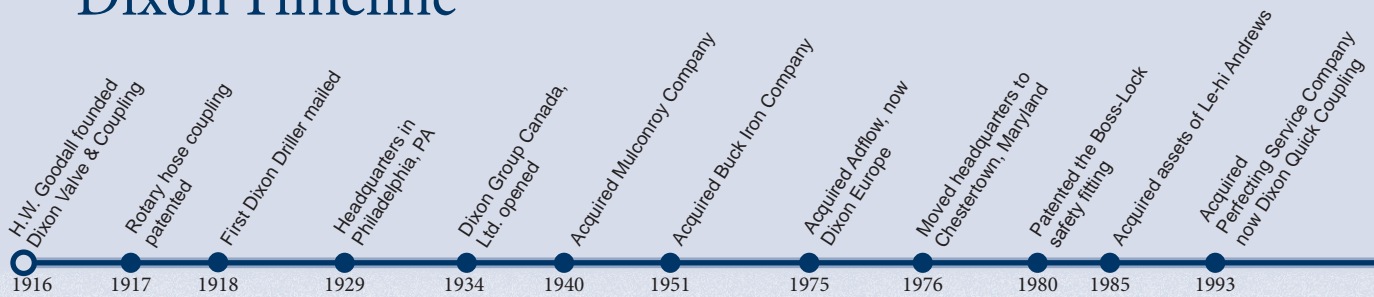
A BRIEF History

Founded 98 years ago in a small factory in Philadelphia, PA, Dixon has grown to become national manufacturer and global supplier of hose couplings and accessories - employing more than 1,400 people with distribution centers spread across four continents.

Although Dixon has grown into a thriving international business, we remain committed to maintaining our company culture of treating each customer with respect and fairness, where every transaction is valued.

Our goal is to be the easiest company you can do business with.

THE Dixon Timeline





Warehouse in Philadelphia; circa 1930.



BOSS magazine launched in 2005 reaches over 30,000 readers.

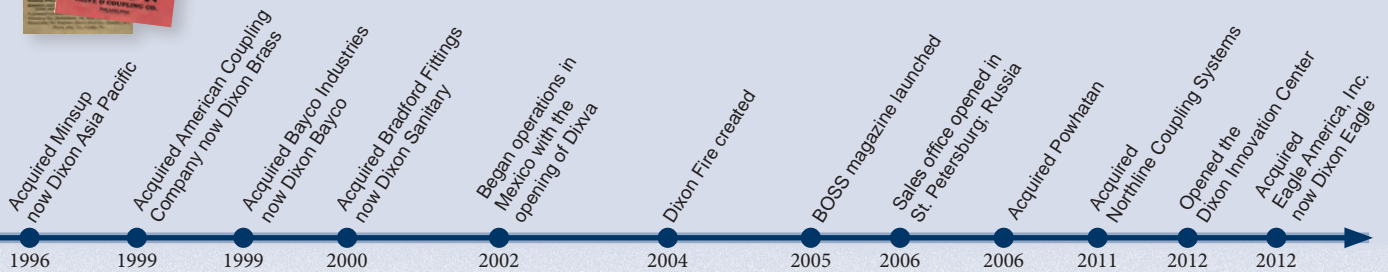
visit dixonvalve.com/resources/downloads/publications to subscribe and to view archived issues!



Chestertown warehouse: circa 2013.



Trucks load parts at the Philadelphia factory; circa 1940.





The Right Connection®

SUPPORTING US Manufacturing and Innovation



Dixon's Innovation Center is an engineering, research and training facility dedicated to understanding our customer's challenges, defining solutions and developing products to overcome them.



Boss LPS products designed specifically for the oil and gas industry were researched and developed at Dixon's Innovation Center in Chestertown, Maryland.



Completing the machining process for King Combination nipples in Chestertown, MD.



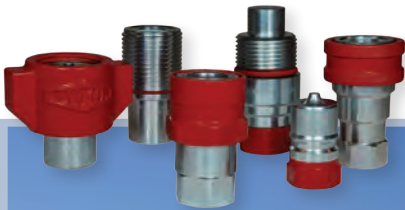
Drilling and measuring for consistent parts.



Precise manufacturing and rigorous testing are standard in Dixon manufacturing.



A robotic arm loads cam and groove adapters in Chestertown, MD.



Dixon's 100,000 square foot facility in Dallas, NC supports manufacturing and warehouse functions.



Welding a weld neck flange to a swivel joint sleeve in Chestertown, MD



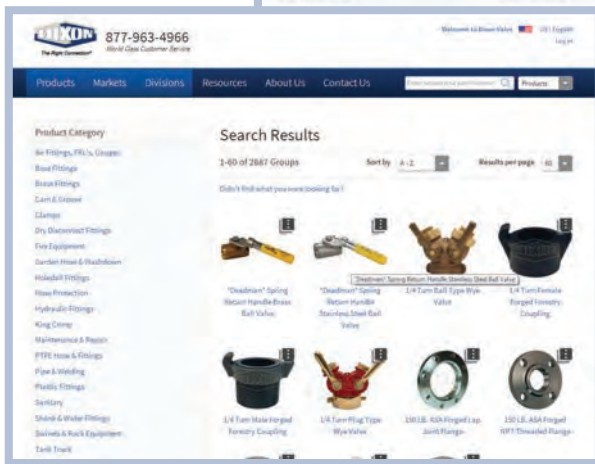
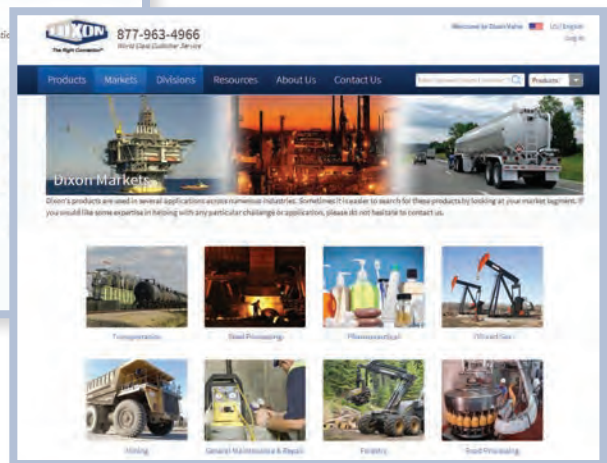
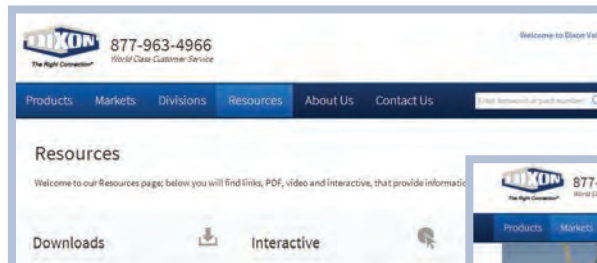
The Right Connection®

dixonvalve.com

A dynamic online resource, here you will find:

- instructions on the safe application of products
- a product and market focused layout
- enhanced search features
- all Dixon products on one website
- color images promoting easy identification
- literature and equipment manual downloads
- BOSS magazine downloads
- interactive resources (e.g. pressure recommendation chart, corrosion resistance chart)
- information on coupling workshops
- mobile app links
- distributor login for pricing and availability

..... and more!



Web Site



Dixon app for iPad®, iPhone®



Dixon app for Android™ platforms

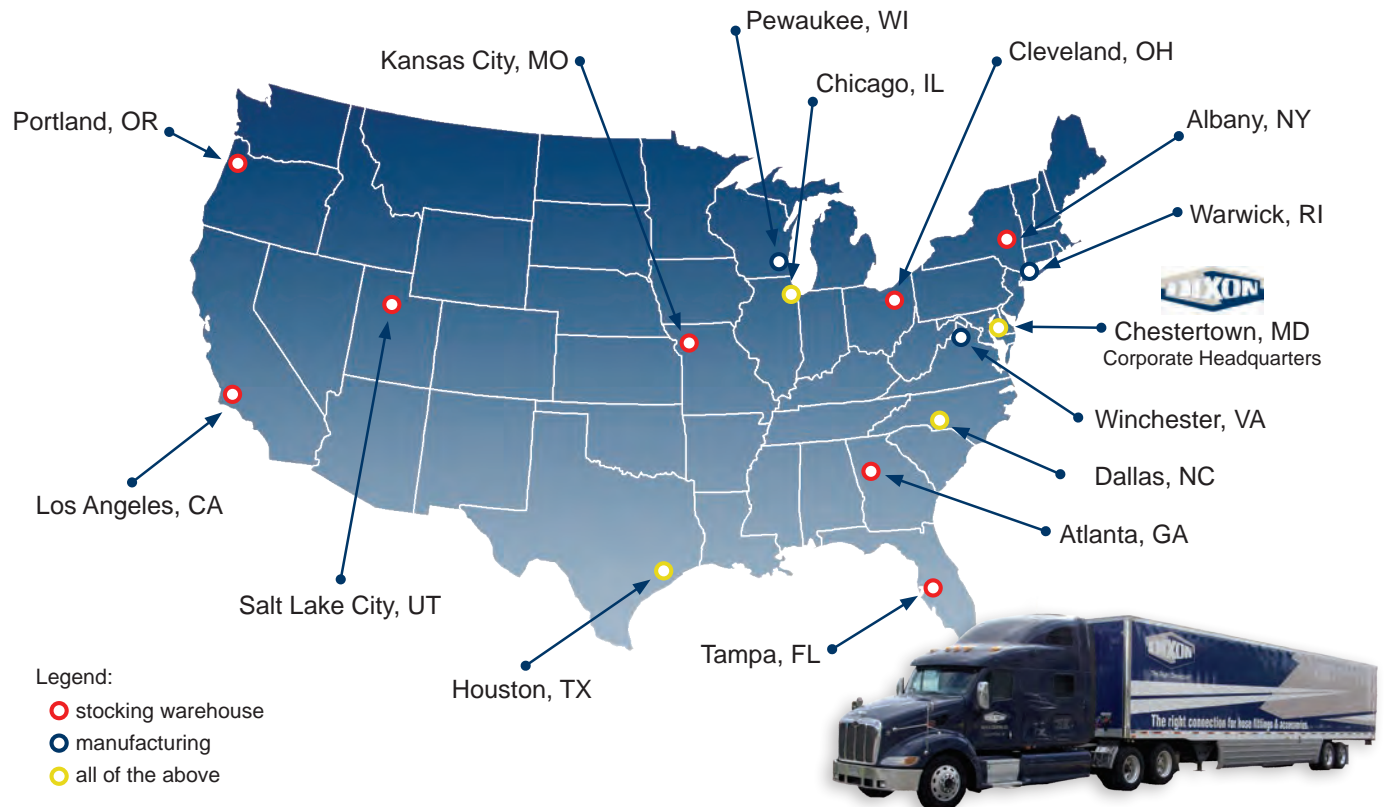


YouTube™



SAME DAY SHIPPING

US Dixon Locations



WORLD CLASS CUSTOMER Service



attitude

informative

excellence

- phones answered by friendly customer service representatives, not machines
- technical staff available to help with your toughest application questions
- Innovation Center staff develop solutions to your challenges
- sales professionals across the country

helpful

team thinking

committed

friendly

respectful



The Right Connection®

HANDS ON Training



Dixon's *Solutions on Site* van drives Dixon innovation directly to end users

- equipped with product samples specific to the energy industry
- product literature and videos onboard
- driven directly to end user sites



Dixon offers classroom and hands-on training in the proper and safe methods of assembling hose and couplings



Showing customers how to use the latest crimping technology at the Innovation Center.



Our Mobile Connections Trailer offers many interactive training opportunities.



⚠ WARNING Failure to use these procedures can result in serious injury or death, and destruction of property and equipment.

Hose and Hose Coupling Safety

"The very properties that make compressed gases useful in almost every area of modern life can also make them dangerous when mishandled. Years of experience with compressed gases have led to practices and equipment which, if employed, result in complete safety."¹

Dixon hose couplings have been carefully engineered to meet specific requirements. If hose or couplings are not used in correct applications or are incorrectly applied, accidents and downtime can result. It is up to the end user to inform the distributor of the application and pressures involved when ordering hose assemblies and it is up to the distributor to supply the right hose and coupling for that application. When in doubt, Dixon is here to help you with a proper coupling recommendation.

1. Air hose couplings - This form of energy can be one of the most dangerous because it is used in so many applications and, when mishandled, can have more serious results than fluids. Air, as a gas, is compressible (fluids press only against hose or vessel walls and lose little volume under pressure). When pressurized air releases suddenly, it does so with explosive force and can cause rapid hose whip, which can do serious physical harm to personnel or damage to nearby objects. This is why the selection of proper hose and couplings for air lines is so important, along with their proper installation and maintenance. Never take for granted that a coupling is installed properly or a clamp fully tightened on an air hose - check it regularly and use safety devices (see paragraph 4).

2. Steam and gas - The same rules apply for steam and gas, but, because these are inherently more hazardous materials, personnel tend to treat hose and couplings on these lines with more respect and care. Checking clamp tightness is very important with steam hose, where it is not unusual for clamps to loosen in service, in which case they must be retightened! Safety devices should also be used (see paragraph 4).

3. Fluid hose couplings - Again, nothing should be taken for granted - in particular, check clamps for tightness each time the lines are used - especially when petroleum products or other hazardous liquids are involved. Large diameter hose, when suspended, can also be quite dangerous if it drops unexpectedly due to a coupling "pull-out" or sudden disconnection. A heavy fitting or clamp, plus the weight of the hose itself falling from any significant height, can cause injuries or damage. Be sure to use safety devices (see paragraph 4).

4. All hose assemblies - All hose assemblies should be treated with respect as potential hazards. Worn-out fittings should be replaced. Retaining devices such as clips, cables or chains should be used. Clamps should be checked regularly. Under no circumstances should any coupling be disconnected while under pressure, unless the coupling is specifically designed to do so. Disconnecting couplings under pressure could result in serious injury or death, and destruction of property and equipment.

¹ "Handbook of Compressed Gases"

General Safety Information

Pressure Ratings

Pressure ratings for couplings, as stated in this catalog, are based upon ambient temperature (**70°F**) applications with true hose I.D., new Dixon supplied couplings, new Dixon supplied clamps, new quality hose, and proper installation by a qualified assembler using Dixon procedures and equipment. In addition, temperature can affect coupling retention. For temperatures other than ambient (**70°F**), contact the hose manufacturer or call Dixon at 800-355-1991.

Product Selection

Many of the products in this catalog are used in hose assemblies in a variety of applications. The safety of any hose assembly rests on the proper selection, installation, testing and use of each product. The safe use of any product in this catalog is dependent upon the correct selection of the hose, fittings and method of attachment. To ensure such a proper selection, the user must inform the distributor of the application and pressure involved when ordering hose assemblies. The use of S.T.A.M.P.E.D. (Size, Temperature, Application, Media, Pressure, Ends, Dixon) will help in the proper selection of hose assembly components (see page 790). The selection of couplings and clamping devices is the responsibility of the purchaser or user, based upon the hose manufacturer's recommendations. If the purchaser or user is uncertain about the use or application of a product, Dixon stands ready to provide information, including test results (if available), coupling and clamping recommendations and other data to help resolve those matters.

Installation

To achieve a safe and reliable assembly, proper installation procedures must be followed. Each component of the assembly has a part in determining these procedures. The purchaser or user must follow proper procedures. If the purchaser or user has any questions regarding installation, please contact Dixon.

Testing

Dixon recommends that all hose assemblies be tested in accordance with the hose manufacturer's recommendations.

Re-testing and Inspection

Dixon recommends inspection and re-testing of hose assemblies on a regular and consistent basis in accordance with the hose manufacturer's recommendations. The application determines the regularity of the inspection and re-testing schedule. Any worn-out fittings, damaged hoses or missing safety devices should be replaced immediately. Bolt-style clamps must be checked and retightened on a regular and consistent basis.

All hose assemblies should be viewed as potential hazards. This document is designed to inform and educate anyone who manufactures, specifies, supplies, purchases, assembles, uses, maintains or tests any hose assembly or its component parts. The proper selection and maintenance of hose, couplings, attachment devices and accessories is imperative.

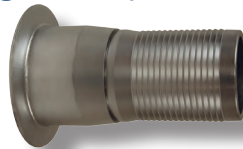
It is the end user's responsibility to identify to the distributor the application and any special conditions that the hose assembly must meet. It is the distributor's responsibility to supply the proper assembly for the intended application. Accidents and downtime may occur if hose assemblies are not properly selected for the specific application.

The performance and safety of the assembly is affected by the quality of the individual components. The use of the acronym S.T.A.M.P.E.D. (Size, Temperature, Application, Media, Pressure, Ends, Dixon) will help in the proper selection of the hose assembly components (see page 790). If anyone is uncertain about the use or application of a product, Dixon can provide test results, coupling and clamping recommendations and other data to help resolve those matters. Call 800-355-1991 with any questions.

King Crimp Fittings



King Crimp style short frac ferrules & sleeves
pages 18, 19



King Crimp style nipples for floating flanges
page 21



King Crimp style KC nipples x TTMA flange
page 21

Boss LPS Fittings



Figure 100 & 206 one-piece frac fittings
pages 22, 23



One-piece flange adapters, hammer union nuts,
pages 24, 25



One-piece 150# flange to weld adapters, hammer union plugs/caps
page 26



Vent-Lock cam and groove couplings, caps, plugs
page 27

Cam & Groove Fittings



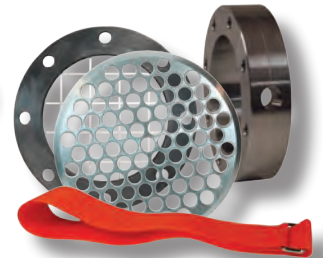
Dust plug with pull handles
page 42



Railcar connections
page 59



Railcar unloading assemblies
page 60



Accessories
pages 61, 72, 73

Dry Disconnect Fittings



Coupler x TTMA flange
page 87

Shank / Water Fittings



Global King Combination nipples, short crimp sleeves
pages 280, 281

Air Fittings



King Safety Whipsock
page 132



Wilkerson modular coalescing filters
pages 208, 209

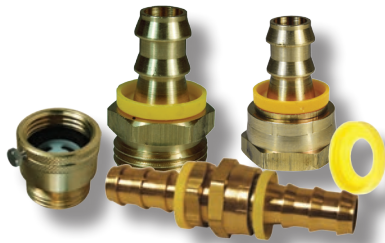


Wilkerson combination units
page 223



Wilkerson exhaust muffler, lockout valve
pages 224, 225

Garden Hose & Washdown



Backflow preventer, GHT push-on fittings, push-on caps
pages 324, 342, 346

Hydraulic



Male tube x male 37° JIC
page 408

Holedall

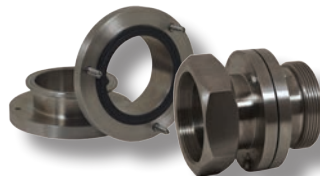


King Crimp sanitary stems
page 431

Sanitary Fittings



Quick weld ferrules,
tank vent valves
pages 445, 515



Break-away couplings
pages 445, 461

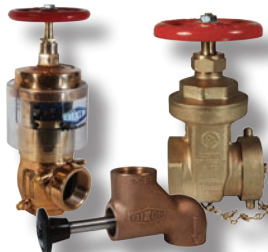


Weld sweep elbows,
unpolished weld neck flanges
pages 475, 486



positive displacements pumps
page 517

Fire Fittings



Valves: field adjustable,
wedge disc gate, push/pull
pages 523, 527, 534, 538



Cam & groove NST adapters
page 593



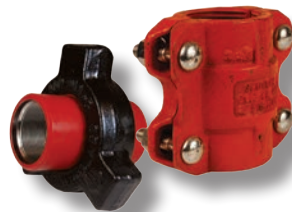
Hydrant caps, foot valve strainers
pages 607, 654

Valves



Valves: lead free ball, bellows seal
pages 672, 682

Pipe & Welding



Hammer union, HDPE couplings
pages 707, 733

Tank Truck



DEF nozzle
page 755

Swivels & Rack Equipment



Static discharge reel, coupler with floating bridge poppet
pages 768, 769

Maintenance & Repair



Torque wrenches and meters
pages 776, 777

King Crimp Style Domestic Cam and Groove



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.

Dixon Type C Couplers female coupler x hose shank

Features:

- Finger rings are not supplied on 1" Dixon couplings.
- All couplers are supplied with safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



brass



316 stainless steel



unplated ductile iron

Hose ID	356T6 Aluminum		Brass		316 Stainless Steel		Unplated Ductile Iron	
	Part #	Price	Part #	Price	Part #	Price	Part #	Price
1"	100-C-AL	\$26.25	100-C-BR	\$60.50	100-C-SS	\$79.30	---	---
1½"	150-C-AL	33.40	150-C-BR	83.60	150-C-SS	96.60	---	---
2"	200-C-AL	37.25	200-C-BR	103.30	200-C-SS	114.25	---	---
3"	300-C-AL	58.60	300-C-BR	189.00	300-C-SS	198.70	300-C-MI ^{NEW}	\$87.00
4"	400-C-AL	79.60	400-C-BR	238.00	400-C-SS	336.00	400-C-MI	112.20
6"	600-C-AL	191.20	600-C-BR	795.00	600-C-SS	548.00	600-C-MI	210.00

EZ Boss-Lock Type C Couplers female coupler x hose shank

Features:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use. See pages 28 and 72 for further specifications.



Hose ID	316 Stainless Steel	
	Part #	Price
1"	RC100EZCR	\$110.80
1¼"	RC125EZCR	150.00
1½"	RC150EZCR	115.00
2"	RC200EZCR	125.50
3"	RC300EZCR	210.00
4"	RC400EZCR	315.00
6"	RC600EZCR	599.00

Type E Adapters male adapter x hose shank



Pressure rating is based on the seal of the mating part. See ratings on page 29.



356T6 aluminum



brass



316 stainless steel



unplated ductile iron

Hose ID	356T6 Aluminum		Brass		316 Stainless Steel		Unplated Ductile Iron	
	Part #	Price	Part #	Price	Part #	Price	Part #	Price
1"	100-E-AL	\$13.90	100-E-BR	\$39.25	100-E-SS	\$51.00	---	---
1½"	150-E-AL	19.30	150-E-BR	60.50	150-E-SS	72.35	---	---
2"	200-E-AL	23.50	200-E-BR	83.50	200-E-SS	74.10	---	---
3"	300-E-AL	37.90	300-E-BR	138.75	300-E-SS	137.50	300-E-MI ^{NEW}	\$53.20
4"	400-E-AL	70.95	400-E-BR	243.00	400-E-SS	278.00	400-E-MI	86.35
6"	600-E-AL	147.70	600-E-BR	600.00	600-E-SS	538.00	600-E-MI	176.00

King Crimp Style Global Cam and Groove



Only use the crimp style shanks with the crimp style sleeves and ferrules.

Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.

Type C Couplers

female coupler x hose shank

Features:

- All couplers are supplied with safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



A380 permanent mold aluminum

ASTM C38000 forged brass

316 investment cast stainless

Hose ID	A380 Permanent Mold Aluminum		C38000 Forged Brass		316 Investment Cast Stainless	
	Part #	Price	Part #	Price	Part #	Price
1"	G100-C-ALCR	\$14.05	G100-C-BRCR	\$31.00	G100-C-SSCR	\$36.60
1½"	G150-C-ALCR	19.45	G150-C-BRCR	47.25	G150-C-SSCR	55.45
2"	G200-C-ALCR	22.95	G200-C-BRCR	60.50	G200-C-SSCR	77.40
3"	G300-C-ALCR	37.50	G300-C-BRCR	126.30	G300-C-SSCR	140.15
4"	G400-C-ALCR	51.85	G400-C-BRCR	173.50	G400-C-SSCR	181.70
6"	G600-C-ALCR	137.00	---	---	G600-C-SSCR	485.00

Type E Adapters

male adapter x hose shank



A380 permanent mold aluminum

ASTM C38000 forged brass

316 investment cast stainless

Hose ID	A380 Permanent Mold Aluminum		C38000 Forged Brass		316 Investment Cast Stainless	
	Part #	Price	Part #	Price	Part #	Price
1"	G100-E-ALCR	\$7.55	G100-E-BRCR	\$23.00	G100-E-SSCR	\$28.40
1½"	G150-E-ALCR	11.45	G150-E-BRCR	37.60	G150-E-SSCR	44.95
2"	G200-E-ALCR	13.95	G200-E-BRCR	52.25	G200-E-SSCR	61.90
3"	G300-E-ALCR	23.45	G300-E-BRCR	108.35	G300-E-SSCR	117.95
4"	G400-E-ALCR	37.20	G400-E-BRCR	153.10	G400-E-SSCR	167.15
6"	G600-E-ALCR	105.00	---	---	G600-E-SSCR	465.00



Pressure rating is based on the seal of the mating part. See ratings on page 29.



King Crimp Style Sleeves



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.

Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Aluminum		Work. Pressure (PSI)		Sleeve ID	Sleeve Wall Thick.	Sleeve Overall Length
	From	To	Part #	Price	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
1"	1-13/64"	1-16/64"	CS100-1CS	\$4.70	CS100-1SS	\$7.15	---	---	*	*	1.313"	.062"	2½"
	1-17/64"	1-20/64"	CS100-2CS	4.70	CS100-2SS	7.15	CS100-2AL	\$7.60	*	*	1.375"	.062"	2½"
	1-21/64"	1-24/64"	CS100-3CS	4.70	CS100-3SS	7.15	---	---	*	*	1.438"	.062"	2½"
	1-25/64"	1-28/64"	CS100-4CS	4.70	CS100-4SS	7.15	CS100-4AL	7.60	*	*	1.500"	.062"	2½"
	1-29/64"	1-32/64"	CS100-5CS	4.70	CS100-5SS	7.15	---	---	*	*	1.563"	.062"	2½"
	1-33/64"	1-36/64"	CS100-6CS	4.70	CS100-6SS	7.15	CS100-6AL	7.60	*	*	1.625"	.062"	2½"
	1-37/64"	1-40/64"	CS100-7CS	4.70	CS100-7SS	7.15	---	---	*	*	1.688"	.062"	2½"
	1-41/64"	1-44/64"	CS100-8CS	4.70	CS100-8SS	7.15	---	---	*	*	1.750"	.062"	2½"
	1-45/64"	1-48/64"	CS100-9CS	4.70	CS100-9SS	7.15	---	---	*	*	1.813"	.062"	2½"
	1-49/64"	1-52/64"	CS100-10CS	4.70	CS100-10SS	7.15	---	---	*	*	1.875"	.062"	2½"
1¼"	1-41/64"	1-44/64"	CS125-3CS	4.80	CS125-3SS	8.60	---	---	250	300	1.750"	.060"	2-5/8"
	1-45/64"	1-48/64"	CS125-4CS	4.80	CS125-4SS	8.60	---	---	250	300	1.813"	.060"	2-5/8"
	1-49/64"	1-52/64"	CS125-5CS	4.80	CS125-5SS	8.60	---	---	250	300	1.875"	.060"	2-5/8"
	1-53/64"	1-56/64"	CS125-6CS	4.80	CS125-6SS	8.60	---	---	250	300	1.938"	.060"	2-5/8"
1½"	1-41/64"	1-44/64"	CS150-1CS	4.85	CS150-1SS	8.50	---	---	250	300	1.750"	.062"	2½"
	1-45/64"	1-48/64"	CS150-2CS	4.85	CS150-2SS	8.50	---	---	250	300	1.813"	.062"	2½"
	1-49/64"	1-52/64"	CS150-3CS	4.85	CS150-3SS	8.50	CS150-3AL	10.00	250	300	1.875"	.062"	2½"
	1-53/64"	1-56/64"	CS150-4CS	4.85	CS150-4SS	8.50	---	---	250	300	1.938"	.062"	2½"
	1-57/64"	1-60/64"	CS150-5CS	4.85	CS150-5SS	8.50	---	---	250	300	2.000"	.062"	2½"
	1-61/64"	2"	CS150-6CS	4.85	CS150-6SS	8.50	---	---	250	300	2.063"	.062"	2½"
	2-1/64"	2-4/64"	CS150-7CS	4.85	CS150-7SS	8.50	CS150-7AL	10.00	250	300	2.125"	.062"	2½"
	2-5/64"	2-8/64"	CS150-8CS	4.85	CS150-8SS	8.50	---	---	250	300	2.188"	.062"	2½"
	2-9/64"	2-12/64"	CS150-9CS	4.85	CS150-9SS	8.50	---	---	250	300	2.250"	.062"	2½"
	2-13/64"	2-16/64"	CS150-10CS	4.85	CS150-10SS	8.50	---	---	250	300	2.313"	.062"	2½"
	2-17/64"	2-20/64"	CS150-11CS	4.85	CS150-11SS	8.50	---	---	250	300	2.375"	.062"	2½"
	2-21/64"	2-24/64"	CS150-12CS	4.85	CS150-12SS	8.50	---	---	250	300	2.438"	.062"	2½"
2"	2-13/64"	2-16/64"	CS200-1CS	5.70	CS200-1SS	11.75	---	---	250	250	2.313"	.062"	2-7/8"
	2-17/64"	2-20/64"	CS200-2CS	5.70	CS200-2SS	11.75	---	---	250	250	2.375"	.062"	2-7/8"
	2-21/64"	2-24/64"	CS200-3CS	5.70	CS200-3SS	11.75	---	---	250	250	2.438"	.062"	2-7/8"
	2-25/64"	2-28/64"	CS200-4CS	5.70	CS200-4SS	11.75	CS200-4AL	12.70	250	250	2.500"	.062"	2-7/8"
	2-29/64"	2-32/64"	CS200-5CS	5.70	CS200-5SS	11.75	---	---	250	250	2.563"	.062"	2-7/8"
	2-33/64"	2-36/64"	CS200-6CS	5.70	CS200-6SS	11.75	---	---	250	250	2.625"	.062"	2-7/8"
	2-37/64"	2-40/64"	CS200-7CS	5.70	CS200-7SS	11.75	---	---	250	250	2.688"	.062"	2-7/8"
	2-41/64"	2-44/64"	CS200-8CS	5.70	CS200-8SS	11.75	---	---	250	250	2.750"	.062"	2-7/8"
	2-45/64"	2-48/64"	CS200-9CS	5.70	CS200-9SS	11.75	---	---	250	250	2.813"	.062"	2-7/8"
	2-49/64"	2-52/64"	CS200-10CS	5.70	CS200-10SS	11.75	CS200-10AL	12.70	250	250	2.875"	.062"	2-7/8"
	2-53/64"	2-56/64"	CS200-11CS	5.70	CS200-11SS	11.75	---	---	250	250	2.938"	.062"	2-7/8"
	2-57/64"	2-60/64"	CS200-12CS	5.70	CS200-12SS	11.75	---	---	250	250	3.000"	.062"	2-7/8"

* consult Dixon for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King combination nipples

King Crimp Style Sleeves



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.



Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Sleeve ID	Sleeve Wall Thickness	Sleeve Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
3"	3-13/64"	3-16/64"	CS300-1CS	\$10.05	CS300-1SS	\$17.05	125	200	3.313"	.090"	3¾"
	3-17/64"	3-20/64"	CS300-2CS	10.05	CS300-2SS	17.05	125	200	3.375"	.090"	3¾"
	3-21/64"	3-24/64"	CS300-3CS	10.05	CS300-3SS	17.05	125	200	3.438"	.090"	3¾"
	3-25/64"	3-28/64"	CS300-4CS	10.05	CS300-4SS	17.05	125	200	3.500"	.090"	3¾"
	3-29/64"	3-32/64"	CS300-5CS	10.05	CS300-5SS	17.05	125	200	3.563"	.090"	3¾"
	3-33/64"	3-36/64"	CS300-6CS	10.05	CS300-6SS	17.05	125	200	3.625"	.090"	3¾"
	3-37/64"	3-40/64"	CS300-7CS	10.05	CS300-7SS	17.05	125	200	3.688"	.090"	3¾"
	3-41/64"	3-44/64"	CS300-8CS	10.05	CS300-8SS	17.05	125	200	3.750"	.090"	3¾"
	3-45/64"	3-48/64"	CS300-9CS	10.05	CS300-9SS	17.05	125	200	3.813"	.090"	3¾"
	3-49/64"	3-52/64"	CS300-10CS	10.05	CS300-10SS	17.05	125	200	3.875"	.090"	3¾"
	3-53/64"	3-56/64"	CS300-11CS	10.05	CS300-11SS	17.05	125	200	3.938"	.090"	3¾"
	3-57/64"	3-60/64"	CS300-12CS	10.05	CS300-12SS	17.05	125	200	4.000"	.090"	3¾"
	3-61/64"	4"	CS300-13CS	10.05	CS300-13SS	17.05	125	200	4.063"	.090"	3¾"
	4-1/64"	4-4/64"	CS300-14CS	10.05	CS300-14SS	17.05	125	200	4.125"	.090"	3¾"
	4-5/64"	4-8/64"	CS300-15CS	10.05	CS300-15SS	17.05	125	200	4.188"	.090"	3¾"
	4-9/64"	4-12/64"	CS300-16CS	10.05	CS300-16SS	17.05	125	200	4.250"	.090"	3¾"
4"	4-13/64"	4-16/64"	CS400-1CS	13.55	CS400-1SS	28.35	110	175	4.313"	.090"	3¾"
	4-17/64"	4-20/64"	CS400-2CS	13.55	CS400-2SS	28.35	110	175	4.375"	.090"	3¾"
	4-21/64"	4-24/64"	CS400-3CS	13.55	CS400-3SS	28.35	110	175	4.438"	.090"	3¾"
	4-25/64"	4-28/64"	CS400-4CS	13.55	CS400-4SS	28.35	110	175	4.500"	.090"	3¾"
	4-29/64"	4-32/64"	CS400-5CS	13.55	CS400-5SS	28.35	110	175	4.563"	.090"	3¾"
	4-33/64"	4-36/64"	CS400-6CS	13.55	CS400-6SS	28.35	110	175	4.625"	.090"	3¾"
	4-37/64"	4-40/64"	CS400-7CS	13.55	CS400-7SS	28.35	110	175	4.688"	.090"	3¾"
	4-41/64"	4-44/64"	CS400-8CS	13.55	CS400-8SS	28.35	110	175	4.750"	.090"	3¾"
	4-45/64"	4-48/64"	CS400-9CS	13.55	CS400-9SS	28.35	110	175	4.813"	.090"	3¾"
	4-49/64"	4-52/64"	CS400-10CS	13.55	CS400-10SS	28.35	110	175	4.875"	.090"	3¾"
	4-53/64"	4-56/64"	CS400-11CS	13.55	CS400-11SS	28.35	110	175	4.938"	.090"	3¾"
	4-57/64"	4-60/64"	CS400-12CS	13.55	CS400-12SS	28.35	110	175	5.000"	.090"	3¾"
	4-61/64"	5"	CS400-13CS	13.55	CS400-13SS	28.35	110	175	5.063"	.090"	3¾"
	5-1/64"	5-4/64"	CS400-14CS	13.55	CS400-14SS	28.35	110	175	5.125"	.090"	3¾"
	5-5/64"	5-8/64"	CS400-15CS	13.55	CS400-15SS	28.35	110	175	5.188"	.090"	3¾"
	5-9/64"	5-12/64"	CS400-16CS	13.55	CS400-16SS	28.35	110	175	5.250"	.090"	3¾"
6"	6-21/64"	6-28/64"	CS600-1CS	37.90	CS600-1SS	72.75	*	*	6.500"	.120"	5½"
	6-29/64"	6-36/64"	CS600-2CS	37.90	CS600-2SS	72.75	*	*	6.625"	.120"	5½"
	6-37/64"	6-44/64"	CS600-3CS	37.90	CS600-3SS	72.75	*	*	6.750"	.120"	5½"
	6-45/64"	6-52/64"	CS600-4CS	37.90	CS600-4SS	72.75	*	*	6.875"	.120"	5½"
	6-53/64"	6-60/64"	CS600-5CS	37.90	CS600-5SS	72.75	*	*	7.000"	.120"	5½"
	6-61/64"	7-4/64"	CS600-6CS	37.90	CS600-6SS	72.75	*	*	7.125"	.120"	5½"
	7-5/64"	7-12/64"	CS600-7CS	37.90	CS600-7SS	72.75	*	*	7.250"	.120"	5½"
	7-13/64"	7-20/64"	CS600-8CS	37.90	CS600-8SS	72.75	*	*	7.375"	.120"	5½"
	7-21/64"	7-28/64"	CS600-9CS	37.90	CS600-9SS	72.75	*	*	7.500"	.120"	5½"

* consult Dixon for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King combination nipples

King Crimp Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.

Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Ferrule ID	Ferrule Wall Thickness	Ferrule Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
1"	1-13/64"	1-16/64"	CF100-1CS	\$10.00	CF100-1SS	\$10.15	*	*	1.313"	.062"	2-13/16"
	1-17/64"	1-20/64"	CF100-2CS	10.00	CF100-2SS	10.15	*	*	1.375"	.062"	2-13/16"
	1-21/64"	1-24/64"	CF100-3CS	10.00	CF100-3SS	10.15	*	*	1.438"	.062"	2-13/16"
	1-25/64"	1-28/64"	CF100-4CS	10.00	CF100-4SS	10.15	*	*	1.500"	.062"	2-13/16"
	1-29/64"	1-32/64"	CF100-5CS	10.00	CF100-5SS	10.15	*	*	1.563"	.062"	2-13/16"
	1-33/64"	1-36/64"	CF100-6CS	10.00	CF100-6SS	10.15	*	*	1.625"	.062"	2-13/16"
	1-37/64"	1-40/64"	CF100-7CS	10.00	CF100-7SS	10.15	*	*	1.688"	.062"	2-13/16"
	1-41/64"	1-44/64"	CF100-8CS	10.00	CF100-8SS	10.15	*	*	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	CF100-9CS	10.00	CF100-9SS	10.15	*	*	1.813"	.062"	2-13/16"
	1-49/64"	1-52/64"	CF100-10CS	10.00	CF100-10SS	10.15	*	*	1.875"	.062"	2-13/16"
1 1/4"	1 41/64"	1-44/64"	CF125-3CS	10.25	CF125-3SS	12.00	250	350	1.750"	.060"	2-13/16"
	1 45/64"	1-48/64"	CF125-4CS	10.25	CF125-4SS	12.00	250	350	1.813"	.060"	2-13/16"
	1 49/64"	1-52/64"	CF125-5CS	10.25	CF125-5SS	12.00	250	350	1.875"	.060"	2-13/16"
	1 53/64"	1-56/64"	CF125-6CS	10.25	CF125-6SS	12.00	250	350	1.938"	.060"	2-13/16"
1 1/2"	1-41/64"	1-44/64"	CF150-1CS	11.40	CF150-1SS	15.60	250	350	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	CF150-2CS	11.40	CF150-2SS	15.60	250	350	1.813"	.062"	2-13/16"
	1-49/64"	1-52/64"	CF150-3CS	11.40	CF150-3SS	15.60	250	350	1.875"	.062"	2-13/16"
	1-53/64"	1-56/64"	CF150-4CS	11.40	CF150-4SS	15.60	250	350	1.938"	.062"	2-13/16"
	1-57/64"	1-60/64"	CF150-5CS	11.40	CF150-5SS	15.60	250	350	2.000"	.062"	2-13/16"
	1-61/64"	2"	CF150-6CS	11.40	CF150-6SS	15.60	250	350	2.063"	.062"	2-13/16"
	2-1/64"	2-4/64"	CF150-7CS	11.40	CF150-7SS	15.60	250	350	2.125"	.062"	2-13/16"
	2-5/64"	2-8/64"	CF150-8CS	11.40	CF150-8SS	15.60	250	350	2.188"	.062"	2-13/16"
	2-9/64"	2-12/64"	CF150-9CS	11.40	CF150-9SS	15.60	250	350	2.250"	.062"	2-13/16"
	2-13/64"	2-16/64"	CF150-10CS	11.40	CF150-10SS	15.60	250	350	2.313"	.062"	2-13/16"
	2-17/64"	2-20/64"	CF150-11CS	11.40	CF150-11SS	15.60	250	350	2.375"	.062"	2-13/16"
	2-21/64"	2-24/64"	CF150-12CS	11.40	CF150-12SS	15.60	250	350	2.438"	.062"	2-13/16"
2"	2-13/64"	2-16/64"	CF200-1CS	12.95	CF200-1SS	17.65	250	300	2.313"	.062"	3-1/8"
	2-17/64"	2-20/64"	CF200-2CS	12.95	CF200-2SS	17.65	250	300	2.375"	.062"	3-1/8"
	2-21/64"	2-24/64"	CF200-3CS	12.95	CF200-3SS	17.65	250	300	2.438"	.062"	3-1/8"
	2-25/64"	2-28/64"	CF200-4CS	12.95	CF200-4SS	17.65	250	300	2.500"	.062"	3-1/8"
	2-29/64"	2-32/64"	CF200-5CS	12.95	CF200-5SS	17.65	250	300	2.563"	.062"	3-1/8"
	2-33/64"	2-36/64"	CF200-6CS	12.95	CF200-6SS	17.65	250	300	2.625"	.062"	3-1/8"
	2-37/64"	2-40/64"	CF200-7CS	12.95	CF200-7SS	17.65	250	300	2.688"	.062"	3-1/8"
	2-41/64"	2-44/64"	CF200-8CS	12.95	CF200-8SS	17.65	250	300	2.750"	.062"	3-1/8"
	2-45/64"	2-48/64"	CF200-9CS	12.95	CF200-9SS	17.65	250	300	2.813"	.062"	3-1/8"
	2-49/64"	2-52/64"	CF200-10CS	12.95	CF200-10SS	17.65	250	300	2.875"	.062"	3-1/8"
	2-53/64"	2-56/64"	CF200-11CS	12.95	CF200-11SS	17.65	250	300	2.938"	.062"	3-1/8"
	2-57/64"	2-60/64"	CF200-12CS	12.95	CF200-12SS	17.65	250	300	3.000"	.062"	3-1/8"

* consult Dixon for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King combination nipples

King Crimp Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.



Hose ID	Hose OD		Carbon Steel		304 Stainless Steel		Work. Pressure (PSI)		Ferrule ID	Ferrule Wall Thickness	Ferrule Overall Length
	From	To	Part #	Price	Part #	Price	cam & groove ¹	KC nipple ²			
3"	3-13/64"	3-16/64"	CF300-1CS	\$17.50	CF300-1SS	\$28.95	150	300	3.313"	.090"	4"
	3-17/64"	3-20/64"	CF300-2CS	17.50	CF300-2SS	28.95	150	300	3.375"	.090"	4"
	3-21/64"	3-24/64"	CF300-3CS	17.50	CF300-3SS	28.95	150	300	3.438"	.090"	4"
	3-25/64"	3-28/64"	CF300-4CS	17.50	CF300-4SS	28.95	150	300	3.500"	.090"	4"
	3-29/64"	3-32/64"	CF300-5CS	17.50	CF300-5SS	28.95	150	300	3.563"	.090"	4"
	3-33/64"	3-36/64"	CF300-6CS	17.50	CF300-6SS	28.95	150	300	3.625"	.090"	4"
	3-37/64"	3-40/64"	CF300-7CS	17.50	CF300-7SS	28.95	150	300	3.688"	.090"	4"
	3-41/64"	3-44/64"	CF300-8CS	17.50	CF300-8SS	28.95	150	300	3.750"	.090"	4"
	3-45/64"	3-48/64"	CF300-9CS	17.50	CF300-9SS	28.95	150	300	3.813"	.090"	4"
	3-49/64"	3-52/64"	CF300-10CS	17.50	CF300-10SS	28.95	150	300	3.875"	.090"	4"
	3-53/64"	3-56/64"	CF300-11CS	17.50	CF300-11SS	28.95	150	300	3.938"	.090"	4"
	3-57/64"	3-60/64"	CF300-12CS	17.50	CF300-12SS	28.95	150	300	4.000"	.090"	4"
	3-61/64"	4"	CF300-13CS	17.50	CF300-13SS	28.95	150	300	4.063"	.090"	4"
	4-1/64"	4-4/64"	CF300-14CS	17.50	CF300-14SS	28.95	150	300	4.125"	.090"	4"
	4-5/64"	4-8/64"	CF300-15CS	17.50	CF300-15SS	28.95	150	300	4.188"	.090"	4"
	4-9/64"	4-12/64"	CF300-16CS	17.50	CF300-16SS	28.95	150	300	4.250"	.090"	4"
4"	4-13/64"	4-16/64"	CF400-1CS	23.00	CF400-1SS	67.20	150	300	4.313"	.090"	4"
	4-17/64"	4-20/64"	CF400-2CS	23.00	CF400-2SS	67.20	150	300	4.375"	.090"	4"
	4-21/64"	4-24/64"	CF400-3CS	23.00	CF400-3SS	67.20	150	300	4.438"	.090"	4"
	4-25/64"	4-28/64"	CF400-4CS	23.00	CF400-4SS	67.20	150	300	4.500"	.090"	4"
	4-29/64"	4-32/64"	CF400-5CS	23.00	CF400-5SS	67.20	150	300	4.563"	.090"	4"
	4-33/64"	4-36/64"	CF400-6CS	23.00	CF400-6SS	67.20	150	300	4.625"	.090"	4"
	4-37/64"	4-40/64"	CF400-7CS	23.00	CF400-7SS	67.20	150	300	4.688"	.090"	4"
	4-41/64"	4-44/64"	CF400-8CS	23.00	CF400-8SS	67.20	150	300	4.750"	.090"	4"
	4-45/64"	4-48/64"	CF400-9CS	23.00	CF400-9SS	67.20	150	300	4.813"	.090"	4"
	4-49/64"	4-52/64"	CF400-10CS	23.00	CF400-10SS	67.20	150	300	4.875"	.090"	4"
	4-53/64"	4-56/64"	CF400-11CS	23.00	CF400-11SS	67.20	150	300	4.938"	.090"	4"
	4-57/64"	4-60/64"	CF400-12CS	23.00	CF400-12SS	67.20	150	300	5.000"	.090"	4"
	4-61/64"	5"	CF400-13CS	23.00	CF400-13SS	67.20	150	300	5.063"	.090"	4"
	5-1/64"	5-4/64"	CF400-14CS	23.00	CF400-14SS	67.20	150	300	5.125"	.090"	4"
	5-5/64"	5-8/64"	CF400-15CS	23.00	CF400-15SS	67.20	150	300	5.188"	.090"	4"
	5-9/64"	5-12/64"	CF400-16CS	23.00	CF400-16SS	67.20	150	300	5.250"	.090"	4"
6"	6-21/64"	6-28/64"	CF600-1CS	52.25	CF600-1SS	85.00	*	*	6.500"	.120"	5-7/8"
	6-29/64"	6-36/64"	CF600-2CS	52.25	CF600-2SS	85.00	*	*	6.625"	.120"	5-7/8"
	6-37/64"	6-44/64"	CF600-3CS	52.25	CF600-3SS	85.00	*	*	6.750"	.120"	5-7/8"
	6-45/64"	6-52/64"	CF600-4CS	52.25	CF600-4SS	85.00	*	*	6.875"	.120"	5-7/8"
	6-53/64"	6-60/64"	CF600-5CS	52.25	CF600-5SS	85.00	*	*	7.000"	.120"	5-7/8"
	6-61/64"	7-4/64"	CF600-6CS	52.25	CF600-6SS	85.00	*	*	7.125"	.120"	5-7/8"
	7-5/64"	7-12/64"	CF600-7CS	52.25	CF600-7SS	85.00	*	*	7.250"	.120"	5-7/8"
	7-13/64"	7-20/64"	CF600-8CS	52.25	CF600-8SS	85.00	*	*	7.375"	.120"	5-7/8"
	7-21/64"	7-28/64"	CF600-9CS	52.25	CF600-9SS	85.00	*	*	7.500"	.120"	5-7/8"

* consult Dixon for pressure rating

¹ based on using crimp cam and groove shanks

² based on using King combination nipples

King Crimp Style Heavy Duty Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.

- 400 PSI working pressure with a minimum 4:1 safety factor (*hose burst: hose working pressure*) is only achieved with heavy duty (HD) crimp ferrules, CF400-6CSHD through CF400-16CSHD.

Hose ID	Hose OD		Carbon Steel		Ferrule Wall Thickness	Ferrule ID	Ferrule Overall Length
	From	To	Heavy Duty (HD) Part #	Price			
4"	4-33/64"	4-36/64"	CF400-6CSHD	\$36.30	0.120"	4.625"	4"
	4-37/64"	4-40/64"	CF400-7CSHD	36.30	0.120"	4.688"	4"
	4-41/64"	4-44/64"	CF400-8CSHD	36.30	0.120"	4.750"	4"
	4-45/64"	4-48/64"	CF400-9CSHD	36.30	0.120"	4.813"	4"
	4-49/64"	4-52/64"	CF400-10CSHD	36.30	0.120"	4.875"	4"
	4-53/64"	4-56/64"	CF400-11CSHD	36.30	0.120"	4.938"	4"
	4-57/64"	4-60/64"	CF400-12CSHD	36.30	0.120"	5.000"	4"
	4-61/64"	5"	CF400-13CSHD	36.30	0.120"	5.063"	4"
	5-1/64"	5-4/64"	CF400-14CSHD	36.30	0.120"	5.125"	4"
	5-5/64"	5-8/64"	CF400-15CSHD	36.30	0.120"	5.188"	4"
	5-9/64"	5-12/64"	CF400-16CSHD	36.30	0.120"	5.250"	4"

NEW 2014

King Crimp Style Short Frac Ferrules



Features:

- schedule 40 plated carbon steel to ASTM standards
- consult Dixon for additional ferrule sizes

Hose ID	Hose OD		Carbon Steel		Ferrule Wall Thickness	Ferrule ID	Ferrule Overall Length
	From	To	Part #	Price			
8"	8-29/64"	8-36/64"	CFS800-1CS	\$133.00	.120"	8.625"	4.25"
	8-37/64"	8-44/64"	CFS800-2CS	133.00	.120"	8.750"	4.25"
	8-45/64"	8-52/64"	CFS800-3CS	133.00	.120"	8.875"	4.25"
	8-53/64"	8-60/64"	CFS800-4CS	133.00	.120"	9.000"	4.25"
	8-61/64"	9-4/64"	CFS800-5CS	133.00	.120"	9.125"	4.25"
	9-5/64"	9-12/64"	CFS800-6CS	133.00	.120"	9.250"	4.25"
	9-13/64"	9-20/64"	CFS800-7CS	133.00	.120"	9.375"	4.25"
	9-21/64"	9-28/64"	CFS800-8CS	133.00	.120"	9.500"	4.25"

King Crimp Style Combination Nipples and Sleeves

NPT Threaded End

Size	Schedule 40 Plated Carbon Steel	
	Part #	Price
8"	STC80CS	\$158.00



Grooved End

Size	Schedule 40 Plated Carbon Steel	
	Part #	Price
8"	STV80CS	\$158.00



King Crimp Style Sleeves

NEW 2014

Hose ID	Carbon Steel Part #	Price	Sleeve ID	Sleeve Wall Thickness	Sleeve Overall Length
8"	S830X875X120CS	\$66.65	8.30"	0.120"	8.75"
	S838X600X120CS	66.65	8.38"	0.120"	6.00"
	S850X650X120CS	66.65	8.50"	0.120"	6.50"
	S875X600X120CS	66.65	8.75"	0.120"	6.00"
	S898X875X120CS	66.65	8.98"	0.120"	8.75"
	S900X400X090CS	66.65	9.00"	0.090"	4.00"
	S900X400X120CS	66.65	9.00"	0.120"	4.00"
	S900X600X120CS	66.65	9.00"	0.120"	6.00"
	S910X400X120CS	66.65	9.10"	0.120"	4.00"
	S912X600X120CS	66.65	9.12"	0.120"	6.00"
	S915X600X120CS	66.65	9.15"	0.120"	6.00"
	S925X600X120CS	66.65	9.25"	0.120"	6.00"
	S925X400X120CS	66.65	9.25"	0.120"	4.00"
	S950X400X120CS	66.65	9.50"	0.120"	4.00"
S950X600X120CS	66.65	9.50"	0.120"	6.00"	
10"	S975X600X120CS	66.65	9.75"	0.120"	6.00"
	S1025X750X120CS	90.90	10.25"	0.120"	7.50"
	S1050X750X120CS	90.90	10.50"	0.120"	7.50"
	S1100X600X120CS	90.90	11.00"	0.120"	6.00"
	S1175X600X120CS	90.90	11.75"	0.120"	6.00"



- consult Dixon for additional sleeve sizes

King Crimp Style King Combination Nipples



Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.

Features:

- There are two grooves on the crimp style King Combination nipples. The second groove is the roll stamp groove which has the part number and 'call Dixon' stamped on it. This groove is a smooth concentric groove so that the stamp is legible.

NPT Threaded End



Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STC10CS	\$21.75	RST10CS	\$34.40
1¼"	STC15CS	23.20	RST15CS	48.00
1½"	STC20CS	22.70	RST20CS	51.50
2"	STC25CS	27.00	RST25CS	63.70
3"	STC35CS	51.50	RST35CS	140.00
4"	STC40CS	63.65	RST40CS	206.00
6"	STC60CS	134.85	RST60CS	745.00

Grooved End



Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STV10CS	\$24.00	RSTV10CS	\$43.00
1½"	STV20CS	30.30	RSTV20CS	65.15
2"	STV25CS	36.35	RSTV25CS	80.30
3"	STV35CS	65.15	RSTV35CS	190.90
4"	STV40CS	78.80	RSTV40CS	250.75
6"	STV60CS	162.00	RSTV60CS	770.00

Beveled End



Hose ID	Schedule 80 Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	STB10CS	\$23.00	RSTB10CS	\$43.00
1½"	STB20CS	23.00	RSTB20CS	53.00
2"	STB25CS	27.30	RSTB25CS	79.00
3"	STB35CS	49.50	RSTB35CS	189.00
4"	STB40CS	62.55	RSTB40CS	250.00
6"	STB60CS	134.00	RSTB60CS	740.00

150# ASA Fixed (welded) Flanged



Size	Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	FST20CS	\$98.00	RFST20CS	\$280.00
2"	FST25CS	98.00	RFST25CS	310.00
3"	FST35CS	146.25	RFST35CS	480.00
4"	FST40CS	182.20	RFST40CS	668.10
6"	FST60CS	310.00	RFST60CS	1165.00

King Crimp Style Nipples for Floating Flanges **NEW** 2014

Feature:

- to be used with King Crimp sleeves and/or ferrules

Size	Plated Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	N25CS	\$134.85	RN25CS	\$225.00
3"	N35CS	189.35	RN35CS	340.55
4"	N40CS	244.20	RN40CS	457.60
6"	N60CS	496.55	RN60CS	1115.00



TTMA Flange x King Crimp Style King Combination Nipples **NEW** 2014

Feature:

- to be used with King Crimp sleeves and/or ferrules

Size	Carbon Steel	
	Part #	Price/E
3"	TTFST35CS	\$183.00
4"	TTFST40CS	222.50



Dixon One-Piece Frac Fittings

Application:

- used in the fast paced transfer of water, chemicals and sand slurry to a hydraulic fracturing site



3" and 4" female

Features:

- one-piece stem design eliminates the leak path common with two-piece threaded systems
- interchangeable with current fittings; phase them into your operation
- 400 PSI** working pressure at 70°F for 3" and 4" sizes; 4:1 safety factor (SF) ¹
- 150 PSI** working pressure at 70°F for 6" size; 4:1 safety factor (SF)
- 150 PSI** working pressure at 70°F for 8" size; 3:1 safety factor (SF)



¹ 400 PSI working pressure with a minimum 4:1 safety factor (*hose burst: hose working pressure*) is only achieved with:

- 3" size uses standard crimp ferrules
- 4" size requires heavy duty (HD) crimp ferrules, CF400-6CSHD through CF400-16CSHD

Note: Water and petroleum transfer hoses rated from 100 to 300 PSI WP (4:1 SF) have excellent test results with the standard King Crimp ferrules CF400-xxCS.



3" and 4" male

Materials:

- frac fittings: machined iron to ASTM standards; all stems zinc plated
- male 3", 4" and 6" NPT fittings are schedule 80 pipe; 8" NPT fittings are schedule 40 pipe; all sizes meet ASTM standards
- nut: forged steel meeting AISI standards

Figure 100



3" and 4" male NPT



3" and 4" wing nut

Size	Description	Part #	Price/E
3"	male/female assembly	HUMF100300CS	\$430.00
	female fitting	HUF100300CS	180.00
	male fitting (includes nut)	HUM100300CS	250.00
	male NPT fitting	STC35CS	51.50
	wing nut	HU100300N	70.00
4"	male/female assembly	HUMF100400CS	486.50
	female fitting	HUF100400CS	186.30
	male fitting (includes nut)	HUM100400CS	300.00
	male NPT fitting	STC40CSHD	74.00
	wing nut	HU100400N	112.00
6"	male/female assembly	HUMF100600CS	1100.50
	female fitting	HUFALL600CS	461.00
	male fitting (includes nut)	HUM100600CS	639.50
	male NPT fitting	STC60CS	134.85
	wing nut	HU100600N	178.50
8"	male/female assembly	HUMF100800CS	1283.70
	female fitting	HUFALL800CS	539.00
	male fitting (includes nut)	HUM100800CS	744.70
	male NPT fitting	STC80CS	158.00
	wing nut	HU100800N	205.70

Dixon One-Piece Frac Fittings

Figure 206



Size	Description	Part #	Price/E
3"	male/female assembly	HUMF206300CS	\$430.00
	female fitting	HUF206300CS	180.00
	male fitting (includes nut and O-ring)	HUM206300CS	250.00
	male NPT fitting	STC35CS	51.50
	wing nut	HU206300N	70.00
	O-ring (Buna-N)	O238BU	2.00
4"	male/female assembly	HUMF206400CS	486.50
	female fitting	HUF206400CS	186.30
	male fitting (includes nut and O-ring)	HUM206400CS	300.00
	male NPT fitting	STC40CSHD	74.00
	wing nut	HU206400N	112.00
	O-ring (Buna-N)	O347BU	1.35
6"	male/female assembly	HUMF206600CS	1100.50
	female fitting	HUFALL600CS	461.00
	male fitting (includes nut and O-ring)	HUM206600CS	639.50
	male NPT fitting	STC60CS	134.85
	wing nut	HU206600N	178.50
	O-ring (Buna-N)	O440BU	2.85
8"	male/female assembly	HUMF206800CS	1283.70
	female fitting	HUFALL800CS	539.00
	male fitting (includes nut and O-ring)	HUM206800CS	744.70
	male NPT fitting	STC80CS	158.00
	wing nut	HU206800N	205.70
	O-ring (Buna-N)	O447BU	3.75



8" female



8" male



8" male NPT



6" and 8" wing nut

Dixon One-Piece Hammer Union Nuts



3" and 4"



6" and 8"

Features:

- long lasting and dependable nut
- all nuts are interchangeable with reliable brands
- cold working pressure: **2,000 PSI**
- 6" and 8" sizes have 4 lug design for more surface area to hammer

Material:

- forged steel meeting AISI standards

Size	Description	Forged Steel Part #	Price
3"	wing nut, figure 100	HU100300N	\$70.00
	wing nut, figure 206	HU206300N	70.00
4"	wing nut, figure 100	HU100400N	112.00
	wing nut, figure 206	HU206400N	112.00
6"	wing nut, figure 100	HU100600N	178.50
	wing nut, figure 206	HU206600N	178.50
8"	wing nut, figure 100	HU100800N	205.70
	wing nut, figure 206	HU206800N	205.70

Dixon Two-Piece Hammer Union Nuts

Applications:

- replacement for damaged hammer union nuts
- used with male one-piece flange adapters


Features:

- lug design provides enlarged surface area to hammer
- repair nut is pinned and bolted for perfect alignment
- nut can be installed on pre-existing hammer union assembly
- cold working pressure: **2,000 PSI**
- 4" Figure 200/206 nut is interchangeable with reliable brands
- 6" and 8" Figure 100/200/206 nuts are interchangeable with reliable brands
- available in other series and sizes, contact Dixon



Material:

- forged steel meeting AISI standards

Dixon recommends using Loctite® Threadlocker Red 271™ when bolting together two-piece hammer union nuts to ensure that bolts do not loosen when in service. Option two is to weld the seams of the split nut. Bolt torque recommendation is 60 foot pounds. 

Size	Description	Forged Steel Part #	Price
4"	split nut, figure 200/206, blue (includes bolts)	HU200400RN	\$138.05
6"	split nut, figure 100, black (includes bolts)	HU100600RN	282.00
	split nut, figure 200/206, blue (includes bolts)	HU200600RN	282.00
8"	split nut, figure 100, black (includes bolts)	HU100800RN	304.00
	split nut, figure 200/206, blue (includes bolts)	HU200800RN	304.00

- additional hammer unions are available on page 706-707

Dixon One-Piece Flange Adapters

2014
NEW B

Application:

- used in the transfer of water, brine, water-based chemicals, water-based acids, and gelatinous proppant (sand) slurry used at hydraulic fracturing sites
- used with **HU200400RN** two-piece nut

Features:

- flange x female or male hammer union straights (standard or short length)
- 45° elbows in female and male (flange x hammer union)
- no welds or pipe threads to deteriorate and cause premature leakage
- two-piece nut is pinned and bolted for perfect alignment
- all 4" Figure 206 threads are interchangeable with other reliable brands
- all 4" 150# flanges are compatible with other reliable brands

Materials:

- iron adapters meet ASTM standards
- forged steel nuts meet AISI standards

Size	Description	Overall Length	Part #	Price/E
4"	female hammer union x 150# flange	5-1/8"	HUF206400FLG	\$271.50
	female hammer union x 150# flange short	3"	HUF206400FLG-ST	252.00
	female hammer union x 150# flange 45° elbow	10-31/32"	HUF206400FLG-45	392.50
	male hammer union x 150# flange includes nut and Buna-N O-ring	5-5/32" (with nut)	HUM206400FLG	397.00
	male hammer union x 150# flange short includes nut and Buna-N O-ring	3-13/32" (with nut)	HUM206400FLG-ST	377.50
	male hammer union x 150# flange 45° elbow includes nut and Buna-N O-ring	12-1/32" (with nut)	HUM206400FLG-45	520.90



male adapter x flange
with hammer union nut



female adapter x flange



male adapter x 45° flange
with hammer union nut

B

2014
NEW

Dixon One-Piece 150# Flange to Weld Adapters

Application:

- used on a 12" pipe manifold to transfer water, brine, water-based chemicals, water-based acids or gelatinous proppant (sand) slurry at hydraulic fracturing sites

Features:

- no welds or pipe threads to deteriorate and cause premature leakage
- easy to weld to 12" pipe manifolds
- formed butt weld provides accurate alignment
- the 4" 150 lb. flange is compatible with other reliable brands

Materials:

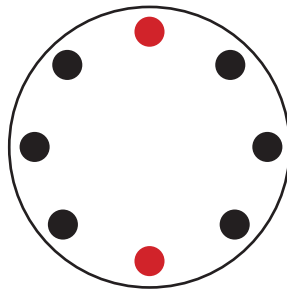
- WCA (weldable cast steel, grade A) meeting ASTM standards



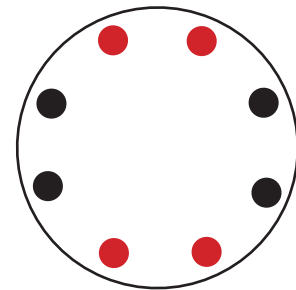
10½"

Size	Description	Weldable Cast Steel Part #	Price
7½"	150# flange x weld adapter, 1 hole	WA4FL12X750-1	\$680.00
	150# flange x weld adapter, 2 holes	WA4FL12X750-2	680.00
10½"	150# flange x weld adapter, 1 hole	WA4FL12X1050-1	815.00
	150# flange x weld adapter, 2 holes	WA4FL12X1050-2	815.00

1-Hole Pattern



2-Hole Pattern



2014
NEW

Hammer Union Caps and Plugs



cap



plug

Application:

- prevents leakage of hydraulic fracturing fluids from hammer union connections used on manifolds and hose assemblies when in use the fracking equipment can be in pressurized service or in transit to an alternate location

Features:

- forged steel construction ensures longevity, reliability, and performance
- caps are designed with larger lugs for easier installation and disassembling
- cap design includes a threaded bolt hole for attaching chain or cable
- plugs are designed with larger handle for easier installation and disassembling
- plug design includes a handle hole to attach chain or cable

Material:

- forged steel meeting AISI standards

Size	Description	Forged Steel Part #	Price/E
4"	hammer union cap	HUC207400	\$192.60
	hammer union plug	HUP207400	192.60

Vent-Lock Cam and Groove Couplings (Safety Cam and Groove)

2014
NEW B

Application:

- transfer of liquids with a safer disconnection

Features:

- safety release cam and groove couplings permit the release of static pressure when disconnecting hose assemblies
- venting system protects operator from being sprayed with hazardous or non-hazardous fluids
- rated to **250 PSI**, recommendation based on the use of mating Dixon fittings at ambient temperature (**70°F**) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon

Materials:

- 316 stainless steel
- consult Dixon for availability of other materials

Attachment:

- ferrules, sleeves, bands, and other reliable options



Size	Type A		Type C		Type E		Type DC		Type DP	
	316 Stainless Steel Part #	Price/E	316 Stainless Steel Part #	Price/E	316 Stainless Steel Part #	Price/E	316 Stainless Steel Part #	Price/E	316 Stainless Steel Part #	Price/E
1"	L100-A-SS	\$72.95	L100-C-SS	\$111.35	L100-E-SS	\$75.40	L100-DC-SS	\$101.50	L100-DP-SS	\$63.10
2"	L200-A-SS	94.70	L200-C-SS	168.60	L200-E-SS	106.65	L200-DC-SS	150.60	L200-DP-SS	93.75

Dixon

C



Features:

- precision machined to rigid tolerances
- durable stainless steel cam arm pins will not rust or bind, providing greater strength and safety
- recess holds gasket firmly in place - ensures proper placement
- long shank design allows proper banding, thus eliminating the major cause of hose damage

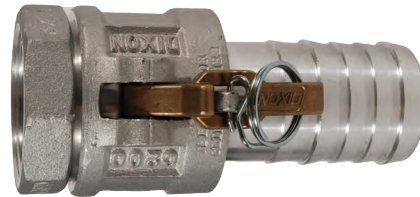
Boss-Lock

Features:

- The cast-in lugs allow safety clips to be attached once the lugs are passed through slots in the special cam lever arms providing a patented safety feature. The clips prevent the coupler from being unlocked until they are removed, providing a *positive locking action*.
- Boss-Lock investment stainless steel cam arms are guaranteed! Should you break a Boss-Lock investment stainless steel cam arm, return it to the nearest warehouse for a free replacement.
- The pull ring safety clip simplifies the locking action on Boss-Lock couplers. No more inserting clips or dangling lanyards, just a twist and it's locked, giving you a low profile positive locking action.



pull ring safety clip



EZ Boss-Lock

Features:

- no more fumbling with clamps, wire, clips or pins, just close the handles and the locking mechanism is engaged
- extremely easy to open, the release lever is under your thumb when you want to open the fitting, ergonomic
- resistant to accidental disconnection when being dragged; the release lever opens in the direction opposite to the cam arm, so movements that can open the release lever also can close the cam arm
- if the rotating lever is not flush with the handle, it is not properly engaged
- no sliding pins to jam or pop open
- rotating action helps keep the locking device free of debris
- rugged design protects critical parts from impact
- can be supplied with custom shanks, also available with swaged and PF shanks for hard to couple chemical hoses
- assemblies are investment cast stainless steel with plated carbon steel pull rings
- small OD makes it easy to insert into the hose tubes on tank trucks and to use in restricted spaces
- assemblies can be retrofitted onto undamaged stainless steel Boss-Lock allowing you to protect your investment in stainless steel Boss-Lock couplings while you upgrade
- made in the USA



King Crimp System Cam & Groove



Dixon Type C domestic coupler



EZ Boss-Lock Type C domestic coupler



Type C global coupler



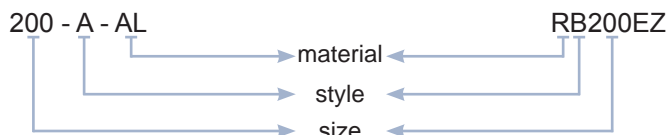
Type E domestic adapter



Type E global adapter

- for a complete listing of the King Crimp System products, including Cam and Groove fittings, please reference pages 12-21

Ordering System



Operation of Cam and Groove

- To make connection, simply slide the adapter into the coupler and with normal hand pressure, press the cam levers down.
- Uncoupling is as quick and simple as coupling. Just lift the cam arms and remove the adapter.

Size represents the coupler or adapter and hose or pipe end. (i.e. 200 = 2") If the coupling is a reducing size, the coupler or adapter is the first size. (i.e. 4030-C is 4" coupler to 3" hose shank).

Specifications on Dixon Cam and Groove

Specifications:

- Dixon, Boss-Lock and EZ Boss-Lock cam and groove couplers and adapters are produced to interchange with all product produced to Commercial Item Description A-A-59326D.
- No standard exists for the 1/2" and 8" fittings, and generally these sizes do not interchange with other manufacturers.
- Dust caps and dust plugs are **not** to be used in pressure applications for safety and environmental reasons.
- Designed for use with liquids*, consult Dixon for specific recommendations.

Pressure Ratings:

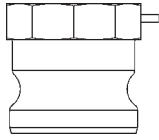
Recommendations based on the use of mating Dixon fittings at ambient temperature (70°F) with standard Buna-N seal installed. For use at elevated temperature or other unusual operating conditions, consult Dixon. Dixon, Boss-Lock and EZ Boss-Lock couplers and adapters maximum working pressure are as follows:

Size	1/2"	3/4" thru 2"	2 1/2"	3"	4"	5" and 6"	8"
PSI	150	250	150	125	100	75	50

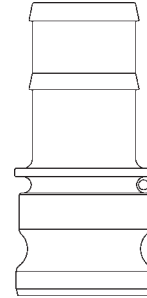
Cam and Groove Line Drawings

Line drawings are representative of the Dixon line of cam and groove.

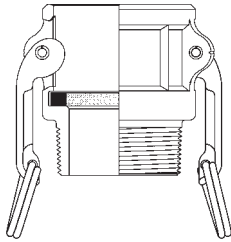
C



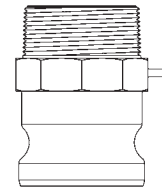
Type A
male adapter x female NPT



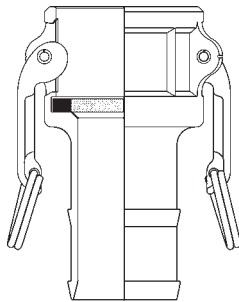
Type E
male adapter x hose shank



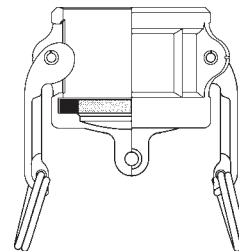
Type B
female coupler x male NPT



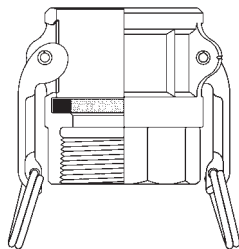
Type F
male adapter x male NPT



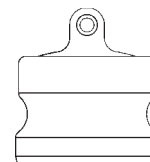
Type C
female coupler x hose shank



Type DC¹
dust cap



Type D
female coupler x female NPT



Type DP¹
dust plug



¹ Dust caps and dust plugs are **not** to be used in pressure applications for safety and environmental reasons.

WARNING

Under no circumstances should cam and groove couplings be used for compressed air or steam service!

Dixon / Boss-Lock Type A Adapters

female NPT x male adapter

Feature:

- Pressure rating is based on the seal of the mating part. See ratings on page 29.

C



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-A-AL ²	\$11.00	---	---	50-A-BR	\$18.50
3/4" x 1/2"	7550-A-AL ²	15.25	---	---	7550-A-BR	36.70
3/4"	75-A-AL ²	10.20	---	---	75-A-BR	23.10
1"	100-A-AL ²	12.85	---	---	100-A-BR	26.20
1 1/4"	125-A-AL	16.50	---	---	125-A-BR	43.00
1 1/2"	150-A-AL	17.60	150-A-ALH	\$30.30	150-A-BR	43.95
2"	200-A-AL	18.80	200-A-ALH	34.60	200-A-BR	55.60
2 1/2"	250-A-AL	28.90	---	---	250-A-BR	98.50
3"	300-A-AL	27.95	300-A-ALH	47.00	300-A-BR	112.25
4"	400-A-AL	62.80	400-A-ALH	97.00	400-A-BR	190.00
5"	500-A-AL	102.00	---	---	500-A-BR	298.90
6"	600-A-AL	122.80	600-A-ALH	188.00	600-A-BR	397.00
8" DIX	800-A-AL ¹	341.25	---	---	---	---
8" BL	801-A-AL ¹	357.95	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes.*

² made from 6061-T6 aluminum



unplated malleable iron



plated malleable iron



316 stainless

Size	Unplated Malleable Iron		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-A-SS	\$45.45
3/4" x 1/2"	---	---	---	---	7550-A-SS	67.70
3/4"	---	---	75-A-PM	\$16.95	75-A-SS	46.75
1"	---	---	100-A-PM	18.50	100-A-SS	49.40
1 1/4"	---	---	---	---	125-A-SS	61.30
1 1/2"	150-A-MI	\$26.00	150-A-PM	29.00	150-A-SS	59.40
2"	200-A-MI	32.10	200-A-PM	34.10	200-A-SS	63.00
2 1/2"	---	---	---	---	250-A-SS	198.75
3"	300-A-MI	50.80	300-A-PM	55.50	300-A-SS	120.00
4"	400-A-MI	82.00	400-A-PM	86.60	400-A-SS	222.00
5"	500-A-MI	173.25	---	---	500-A-SS	346.00
6"	---	---	600-A-PM ¹	190.00	600-A-SS	384.80

¹ ductile iron

Dixon Type B Couplers

female coupler x male NPT

Features:

- Finger rings are not supplied on ½" - 1" Dixon couplings.
- ½" Dixon coupler has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-B-AL	\$25.60	---	---	50-B-BR	\$40.50
¾"	75-B-AL	25.75	---	---	75-B-BR	46.10
1"	100-B-AL	26.90	---	---	100-B-BR	51.00
1¼"	125-B-AL	43.60	---	---	---	---
1½"	150-B-AL	28.00	150-B-ALH	\$47.50	150-B-BR	76.25
2"	200-B-AL	35.10	200-B-ALH	54.00	200-B-BR	87.00
2½"	250-B-AL	66.00	---	---	---	---
3"	300-B-AL	56.25	300-B-ALH	81.30	300-B-BR	167.40
4"	400-B-AL	80.80	400-B-ALH	122.00	400-B-BR	228.00
5"	500-B-AL	140.90	---	---	---	---
6"	600-B-AL	186.80	600-B-ALH	267.00	---	---
8"	800-B-AL ^{1,2}	1030.00	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and ½" sizes.*

The 8" Dixon design has 4 cam arms, Boss-Lock design has 2 cam arms.

² Parts are produced as a welded fabrication.



unplated malleable iron



316 stainless

Size	Unplated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
½"	---	---	50-B-SS	\$74.80
¾"	---	---	75-B-SS	73.40
1"	---	---	100-B-SS	81.00
1¼"	---	---	---	---
1½"	150-B-MI ¹	\$57.95	150-B-SS	105.80
2"	200-B-MI	68.50	200-B-SS	119.60
2½"	---	---	250-B-SS	284.00
3"	300-B-MI ¹	105.00	300-B-SS	225.00
4"	400-B-MI	150.30	400-B-SS	275.00
6"	---	---	600-B-SS	782.00

¹ ductile iron

Boss-Lock Type B Couplers

female coupler x male NPT

Features:

- All Boss-Lock couplers are supplied with safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.

C



356T6 aluminum



brass



plated malleable iron




316 stainless

Size	356T6 Aluminum		Brass		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	---	---	---	---	---	---	RB050BL	\$98.25
3/4"	---	---	BB075	69.00	---	---	RB075BL	91.30
1"	AB100	\$44.10	BB100	73.60	IB100	\$60.00	RB100BL	93.75
1 1/4"	AB125	48.10	BB125	88.30	---	---	RB125BL	127.00
1 1/2"	AB150	44.40	BB150	96.30	---	---	RB150BL	128.00
2"	AB200	44.25	BB200	114.00	IB200	81.25	RB200BL	136.25
2 1/2"	AB250	65.50	BB250	146.50	---	---	---	---
3"	AB300	75.25	BB300	205.00	---	---	RB300BL	256.00
4"	AB400	105.00	BB400	295.00	---	---	RB400BL	296.00
6"	AB600	275.00	---	---	---	---	---	---

EZ Boss-Lock Type B Couplers

female coupler x male NPT

Features:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.
-  Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use. See pages 28 and 72 for further specifications.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	---	---	---	---	RB050EZ	\$119.00
3/4"	---	---	BB075EZ	\$94.00	RB075EZ	104.00
1"	AB100EZ	\$69.20	BB100EZ	116.00	RB100EZ	109.70
1 1/4"	---	---	BB125EZ	126.00	RB125EZ	142.10
1 1/2"	AB150EZ	79.75	BB150EZ	138.00	RB150EZ	143.65
2"	AB200EZ	81.30	BB200EZ	156.80	RB200EZ	157.00
3"	AB300EZ	120.75	BB300EZ	275.60	RB300EZ	272.95
4"	AB400EZ	152.50	BB400EZ	360.00	RB400EZ	325.00
6"	---	---	---	---	RB600EZ	595.30

Dixon Type C Couplers

female coupler x hose shank

- C** **Features:**
- Finger rings are not supplied on 1/2" - 1" Dixon couplings.
 - 1/2" Dixon coupler has only one cam arm.
 - Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-C-AL	\$21.50	---	---	50-C-BR	\$46.40
3/4"	75-C-AL	24.70	---	---	75-C-BR	50.95
1"	100-C-AL	26.25	---	---	100-C-BR	60.50
1 1/4"	125-C-AL	57.00	---	---	125-C-BR	88.00
1 1/2"	150-C-AL	33.40	150-C-ALH	\$44.70	150-C-BR	83.60
2"	200-C-AL	37.25	200-C-ALH	55.90	200-C-BR	103.30
2 1/2"	250-C-AL	67.60	---	---	250-C-BR	136.00
3"	300-C-AL	58.60	300-C-ALH	85.80	300-C-BR	189.00
4"	400-C-AL	79.60	400-C-ALH	111.40	400-C-BR	238.00
5"	500-C-AL	123.85	---	---	---	---
6"	600-C-AL	191.20	600-C-ALH	251.00	600-C-BR	795.00
8"	800-C-AL ¹	757.00	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes.* The 8" Dixon design has 4 cam arms, Boss-Lock design has 2 cam arms.



unplated malleable iron



316 stainless

Size	Unplated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1/2"	---	---	50-C-SS	\$57.60
3/4"	---	---	75-C-SS	69.10
1"	---	---	100-C-SS	79.30
1 1/4"	---	---	125-C-SS	135.00
1 1/2"	150-C-MI	\$50.25	150-C-SS	96.60
2"	200-C-MI	54.00	200-C-SS	114.25
2 1/2"	---	---	250-C-SS	284.00
3"	300-C-MI ²	87.00	300-C-SS	198.70
4"	400-C-MI ^{1,2}	112.20	400-C-SS	336.00
5"	---	---	500-C-SS	474.00
6"	600-C-MI ^{1,2}	210.00	600-C-SS	548.00

¹ Suitable for use with King Crimp sleeves and ferrules, see pages 14-18.

² ductile iron

Boss-Lock Type C Couplers

female coupler x hose shank

Features:

- All Boss-Lock couplers are supplied with safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



brass



plated malleable iron



316 stainless

Size	356T6 Aluminum		Brass		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	---	---	---	---	---	---	RC050BL	\$91.00
3/4"	AC075	\$36.00	BC075	\$57.00	IC075	\$66.25	RC075BL	93.50
1"	AC100	37.30	BC100	70.00	IC100	52.80	RC100BL	97.20
1 1/4"	AC125	44.90	BC125	89.25	---	---	RC125BL	130.00
1 1/2"	AC150	42.70	BC150	94.00	IC150	63.00	RC150BLNO	118.00
2"	AC200	47.40	BC200	109.60	IC200	85.50	RC200BLNO	116.80
2 1/2"	AC250	56.75	BC250	165.00	---	---	---	---
3"	AC300	69.00	BC300	178.00	IC300	108.70	RC300BL	210.40
4"	AC400	97.60	BC400	303.00	IC400 ²	150.00	RC400BLNO	297.00
6"	AC600	213.00	BC600	710.00	IC600 ²	391.00	---	---
8"	AC800 ¹	568.00	---	---	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes*. The 8" Dixon design has 4 cam arms, Boss-Lock design has 2 cam arms.
² ductile iron

EZ Boss-Lock Type C Couplers

female coupler x hose shank

Feature:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	---	---	---	---	RC050EZ	\$107.00
3/4"	AC075EZ	\$60.80	BC075EZ	\$108.70	RC075EZ	99.00
1"	AC100EZ	68.80	BC100EZ	112.00	RC100EZCR	110.80
1 1/4"	---	---	BC125EZ	160.00	RC125EZCR	150.00
1 1/2"	AC150EZ	72.80	BC150EZ	129.00	RC150EZNO	113.75
2"	AC200EZ	78.40	BC200EZ	145.90	RC200EZNO	121.30
2 1/2"	AC250EZ	89.25	---	---	---	---
3"	AC300EZ	114.40	BC300EZ	235.00	RC300EZCR	210.00
4"	AC400EZ	146.00	BC400EZ	340.00	RC400EZCR	315.00
6"	AC600EZ	336.00	---	---	RC600EZCR	599.00
8"	AC800EZ ¹	600.00	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes*. The 8" Dixon design has 4 cam arms, Boss-Lock design has 2 cam arms.
Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use.
 See pages 28 and 72 for further specifications.

Dixon Type D Couplers

female coupler x female NPT

C Features:

- Finger rings are not supplied on ½" - 1" Dixon couplings.
- ½" Dixon coupler has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-D-AL	\$25.80	---	---	50-D-BR	\$39.00
¾"	75-D-AL	25.60	---	---	75-D-BR	50.70
1"	100-D-AL	26.25	---	---	100-D-BR	49.60
1¼"	125-D-AL	49.50	---	---	125-D-BR	87.70
1½"	150-D-AL	31.95	150-D-ALH	\$51.25	150-D-BR	72.50
2"	200-D-AL	36.00	200-D-ALH	59.00	200-D-BR	91.00
2½"	250-D-AL	64.15	---	---	250-D-BR	137.45
3"	300-D-AL	55.00	300-D-ALH	81.60	300-D-BR	159.00
4"	400-D-AL	77.90	400-D-ALH	125.00	400-D-BR	239.00
5"	500-D-AL	130.00	---	---	500-D-BR	462.00
6"	600-D-AL	177.00	600-D-ALH	260.00	600-D-BR	645.00
8"	800-D-AL ¹	777.00	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and ½" sizes*. The 8" Dixon design has 4 cam arms, Boss-Lock design has 2 cam arms.



unplated malleable iron



316 stainless

Size	Unplated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
½"	---	---	50-D-SS	\$70.60
¾"	---	---	75-D-SS	76.40
1"	---	---	100-D-SS	80.00
1¼"	---	---	125-D-SS	133.00
1½"	150-D-MI	\$55.00	150-D-SS	108.15
2"	200-D-MI	56.95	200-D-SS	117.70
2½"	---	---	250-D-SS	238.00
3"	300-D-MI	99.75	300-D-SS	219.30
4"	400-D-MI ¹	124.50	400-D-SS	306.00
5"	500-D-MI	211.00	500-D-SS	535.00
6"	---	---	600-D-SS	620.00

¹ ductile iron

Boss-Lock Type D Couplers

female coupler x female NPT

Features:

- All Boss-Lock couplers are supplied with safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



brass



plated malleable iron



316 stainless

Size	356T6 Aluminum		Brass		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	AD050	\$46.40	BD050	\$61.95	---	---	RD050BL	\$105.00
3/4"	AD075	42.60	BD075	60.60	ID075	\$52.10	RD075BL	90.60
1"	AD100	39.20	BD100	66.50	ID100	55.30	RD100BL	92.20
1 1/4"	AD125	45.60	BD125	85.00	---	---	RD125BL	130.20
1 1/2"	AD150	43.00	BD150	82.00	ID150	65.00	RD150BL	119.40
2"	AD200	44.40	BD200	99.60	ID200	78.70	RD200BL	132.90
2 1/2"	AD250	67.40	BD250	171.00	---	---	---	---
3"	AD300	67.60	BD300	187.00	ID300	113.50	RD300BL	248.00
4"	AD400	87.85	BD400	255.00	ID400	129.50	RD400BL	323.00
5"	AD500	141.00	---	---	---	---	---	---
6"	AD600	224.80	BD600	632.00	ID600 ²	418.00	---	---
8"	AD800 ¹	526.70	---	---	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes.*
The 8" Dixon design has 4 cam arms, Boss-Lock design has 2 cam arms.

² ductile iron

EZ Boss-Lock Type D Couplers

female coupler x female NPT

Feature:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



brass



316 stainless



Heavy Duty 316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel		Heavy Duty 316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	---	---	---	---	RD050EZ	\$121.50	---	---
3/4"	AD075EZ	\$67.25	BD075EZ	\$105.00	RD075EZ	106.50	---	---
1"	AD100EZ	70.55	BD100EZ	111.00	RD100EZ	107.20	---	---
1 1/4"	---	---	BD125EZ	142.00	RD125EZ	141.70	---	---
1 1/2"	AD150EZ	76.90	BD150EZ	123.00	RD150EZ	145.80	---	---
2"	AD200EZ	75.25	BD200EZ	143.50	RD200EZ	147.00	---	---
2 1/2"	AD250EZ	94.30	BD250EZ	200.00	RD250EZ	265.00	---	---
3"	AD300EZ	120.10	BD300EZ	253.00	RD300EZ	278.00	RD300EZHD NEW	\$265.00
4"	AD400EZ	138.20	BD400EZ	310.00	RD400EZ	337.60	RD400EZHD NEW	420.00
5"	AD500EZ	205.00	---	---	---	---	---	---
6"	AD600EZ	327.00	---	---	RD600EZ	550.00	---	---
8"	AD800EZ ¹	536.00	---	---	---	---	---	---




¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes.*

The 8" Dixon design has 4 cam arms, Boss-Lock design has 2 cam arms.

Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use.
See pages 28 and 72 for further specifications.

Dixon / Boss-Lock Type E Adapters

male adapter x hose shank

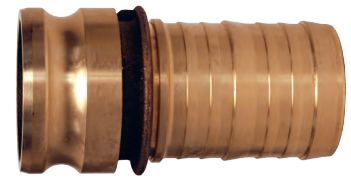
C  Pressure rating is based on the seal of the mating part. See ratings on page 29.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-E-AL	\$14.75	---	---	50-E-BR	\$25.50
3/4" x 1/2"	7550-E-AL	13.00	---	---	---	---
3/4"	75-E-AL	12.30	---	---	75-E-BR	26.00
1"	100-E-AL	13.90	---	---	100-E-BR	39.25
1 1/4"	125-E-AL	18.55	---	---	125-E-BR	52.00
1 1/2"	150-E-AL	19.30	150-E-ALH	\$33.00	150-E-BR	60.50
2"	200-E-AL	23.50	200-E-ALH	39.30	200-E-BR	83.50
2 1/2"	250-E-AL	35.50	---	---	250-E-BR	121.00
3"	300-E-AL	37.90	300-E-ALH	62.00	300-E-BR	138.75
4"	400-E-AL	70.95	400-E-ALH	105.00	400-E-BR	243.00
5"	500-E-AL	107.00	---	---	---	---
6"	600-E-AL	147.70	600-E-ALH	210.00	600-E-BR	600.00
8" DIX	800-E-AL ¹	567.00	---	---	---	---
8" BL	801-E-AL ¹	584.50	---	---	---	---

!¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes.*

Dixon / Boss-Lock Type E Adapters

male adapter x hose shank



unplated malleable iron



plated malleable iron



316 stainless

Size	Unplated Malleable Iron		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-E-SS	\$46.35
3/4" x 1/2"	---	---	---	---	7550-E-SS	55.20
3/4"	---	---	75-E-PM	\$24.95	75-E-SS	49.20
1"	---	---	100-E-PM	28.10	100-E-SS	51.00
1 1/4"	---	---	125-E-PM	31.00	125-E-SS	72.10
1 1/2"	150-E-MI	\$31.30	150-E-PM	34.00	150-E-SS	72.35
2"	200-E-MI	40.40	200-E-PM	41.80	200-E-SS	74.10
2 1/2"	---	---	---	---	250-E-SS	198.00
3"	300-E-MI ²	53.20	300-E-PM ²	60.00	300-E-SS	137.50
4"	400-E-MI ^{1,2}	86.35	400-E-PM ^{1,2}	99.75	400-E-SS	278.00
5"	---	---	---	---	500-E-SS	420.00
6"	600-E-MI ^{1,2}	176.00	600-E-PM ^{1,2}	231.00	600-E-SS	538.00

¹ Suitable for King Crimp sleeves and ferrules, see pages 14-18.

² ductile iron

Dixon / Boss-Lock Type F Adapters

male NPT x male adapter



• Pressure rating is based on the seal of the mating part. See ratings on page 29.

C



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-F-AL	\$11.00	---	---	50-F-BR	\$22.25
3/4" x 1/2"	7550-F-AL	24.00	---	---	7550-F-BR	53.00
3/4"	75-F-AL	12.30	---	---	75-F-BR	27.00
1"	100-F-AL	15.55	---	---	100-F-BR	35.20
1 1/4"	125-F-AL	18.60	---	---	125-F-BR	54.25
1 1/2"	150-F-AL	19.40	150-F-ALH	\$33.25	150-F-BR	46.25
2"	200-F-AL	21.10	200-F-ALH	38.30	200-F-BR	57.30
2 1/2"	250-F-AL	38.30	---	---	250-F-BR	132.50
3"	300-F-AL	38.25	300-F-ALH	62.90	300-F-BR	152.00
4"	400-F-AL	72.50	400-F-ALH	109.00	400-F-BR	218.00
5"	500-F-AL	133.00	---	---	---	---
6"	600-F-AL	149.00	600-F-ALH	220.45	600-F-BR	585.00
8" DIX	800-F-AL ¹	450.00	---	---	---	---
8" BL	801-F-AL ¹	460.00	---	---	---	---

¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes.*

unplated malleable iron



plated malleable iron



316 stainless

Size	Unplated Malleable Iron		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-F-SS	\$48.40
3/4" x 1/2"	---	---	---	---	7550-F-SS	73.00
3/4"	---	---	75-F-PM	\$24.75	75-F-SS	55.30
1"	---	---	100-F-PM	22.80	100-F-SS	60.75
1 1/4"	---	---	---	---	125-F-SS	84.70
1 1/2"	150-F-MI	\$33.10	150-F-PM	35.25	150-F-SS	79.30
2"	200-F-MI	38.75	200-F-PM	43.40	200-F-SS	83.00
2 1/2"	---	---	---	---	250-F-SS	285.00
3"	300-F-MI	73.25	300-F-PM	76.00	300-F-SS	180.00
4"	400-F-MI	108.00	400-F-PM	113.20	400-F-SS	292.30
6"	---	---	600-F-PM	275.00	600-F-SS	415.80

Dixon Type DC Dust Caps

Features:

- Finger rings are not supplied on 1/2" - 1" Dixon couplings.
- 1/2" Dixon has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-DC-AL	\$23.00	---	---	50-DC-BR	\$34.25
3/4"	75-DC-AL	25.20	---	---	75-DC-BR	45.30
1"	100-DC-AL	24.85	---	---	100-DC-BR	52.00
1 1/2"	150-DC-AL	31.95	150-DC-ALH	\$47.00	150-DC-BR	77.00
2"	200-DC-AL	30.20	200-DC-ALH	48.00	200-DC-BR	72.00
2 1/2"	250-DC-AL	54.20	---	---	---	---
3"	300-DC-AL	41.10	300-DC-ALH	65.30	300-DC-BR	105.00
4"	400-DC-AL	54.00	400-DC-ALH	96.50	400-DC-BR	153.00
5"	500-DC-AL	86.40	---	---	500-DC-BR	336.00
6"	600-DC-AL	132.80	600-DC-ALH	205.00	---	---
8"	800-DC-AL ¹	534.00	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and 1/2" sizes.* The 8" Dixon dust cap has 2 cam arms.



unplated malleable iron



316 stainless

Size	Unplated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1/2"	---	---	50-DC-SS	\$66.95
3/4"	---	---	75-DC-SS	63.75
1"	---	---	100-DC-SS	71.50
1 1/2"	---	---	150-DC-SS	89.00
2"	200-DC-MI	\$53.00	200-DC-SS	105.00
2 1/2"	---	---	250-DC-SS	209.00
3"	300-DC-MI	67.20	300-DC-SS	133.00
4"	400-DC-MI	106.00	400-DC-SS	195.00
5"	---	---	500-DC-SS	415.00
6"	---	---	600-DC-SS	490.00



Dust Cap with Pull Handles for Hose Tubes

Features:

- Handles make it easier for tanker operators to remove delivery hoses from the storage tubes; the operator grabs the handle and easily pulls the hose out.
- rugged construction protects the hose coupling and adapter from damage during transportation and the removal of hoses from the hose storage tube
- prevents possible environmental issues due to leaking residue left in an open hose

Materials:

- aluminum body, brass cam arms, Buna seal



Size	Aluminum Part #	Price/E
4"	400-DC-ALPH	\$91.85



Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

Boss-Lock Type H Dust Caps

Features:

- All Boss-Lock couplers are supplied with safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.

C



356T6 aluminum



brass



plated malleable iron



316 stainless

Size	356T6 Aluminum		Brass		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	---	---	---	---	---	---	RH075BL	\$76.80
1"	AH100	\$39.30	BH100	\$67.10	---	---	RH100BL	81.95
1¼"	AH125	41.10	BH125	79.00	---	---	RH125BL	99.25
1½"	AH150	41.50	BH150	82.80	IH150	\$59.00	RH150BL	105.25
2"	AH200	43.20	BH200	108.70	IH200	70.00	RH200BL	122.95
2½"	AH250	47.00	BH250	129.00	---	---	---	---
3"	AH300	71.40	BH300	160.00	IH300	95.00	RH300BL	188.65
4"	AH400	79.00	BH400	210.00	IH400	122.00	RH400BL	224.00
6"	AH600	213.00	BH600	520.00	IH600	315.00	---	---
8"	AH800 ¹	438.80	---	---	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings *do not interchange in the 8" and ½" sizes*. The 8" Boss-Lock design has 2 cam arms.

EZ Boss-Lock Type H Dust Caps

Feature:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 74-76.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	---	---	---	---	RH075EZ	\$93.90
1"	AH100EZ	\$71.30	BH100EZ	\$114.00	RH100EZ	97.60
1¼"	---	---	---	---	RH125EZ	126.50
1½"	AH150EZ	72.00	BH150EZ	120.00	RH150EZ	126.30
2"	AH200EZ	72.80	BH200EZ	130.00	RH200EZ	143.45
2½"	AH250EZ	80.00	---	---	---	---
3"	AH300EZ	103.50	BH300EZ	244.00	RH300EZ	199.50
4"	AH400EZ	122.40	---	---	RH400EZ	245.00
6"	AH600EZ	260.00	---	---	RH600EZ	467.00



- Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use. See pages 28 and 72 for further specifications.*
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.*

Dixon / Boss-Lock Type DP Dust Plugs

C



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-DP-BR	\$26.00
3/4"	75-DP-AL	\$12.30	---	---	75-DP-BR	29.75
1"	100-DP-AL	14.50	---	---	100-DP-BR	25.70
1 1/4"	125-DP-AL	17.00	---	---	125-DP-BR	45.00
1 1/2"	150-DP-AL	17.00	150-DP-ALH	\$32.25	150-DP-BR	48.50
2"	200-DP-AL	17.85	200-DP-ALH	35.30	200-DP-BR	50.70
2 1/2"	250-DP-AL	25.50	---	---	---	---
3"	300-DP-AL	25.80	300-DP-ALH	47.00	300-DP-BR	78.50
4"	400-DP-AL	38.25	400-DP-ALH	70.00	400-DP-BR	170.00
5"	500-DP-AL	64.25	---	---	---	---
6"	600-DP-AL	83.00	600-DP-ALH	130.60	600-DP-BR	540.00
8" DIX	800-DP-AL ¹	355.00	---	---	---	---
8" BL	801-DP-AL ¹	361.00	---	---	---	---



¹ Dixon and Boss-Lock cam and groove couplings do not interchange in the 8" and 1/2" sizes.



unplated malleable iron



plated malleable iron



316 stainless

Size	Unplated Malleable Iron		Plated Malleable Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	50-DP-SS	\$40.60
3/4"	---	---	---	---	75-DP-SS	42.40
1"	---	---	100-DP-PM	\$28.00	100-DP-SS	44.50
1 1/4"	---	---	125-DP-PM	30.00	125-DP-SS	47.80
1 1/2"	150-DP-MI	\$25.00	150-DP-PM	25.75	150-DP-SS	56.90
2"	200-DP-MI	32.15	200-DP-PM	34.40	200-DP-SS	64.00
2 1/2"	---	---	250-DP-PM	36.00	250-DP-SS	159.00
3"	300-DP-MI	41.10	300-DP-PM	44.80	300-DP-SS	102.70
4"	400-DP-MI	68.90	400-DP-PM	76.50	400-DP-SS	175.00
5"	---	---	---	---	---	---
6"	---	---	---	---	600-DP-SS	378.00

NEW 2014

Dust Plug with Pull Handles for Hose Tubes



Features:

- Handles make it easier for tanker operators to remove delivery hoses from the storage tubes; the operator grabs the handle and easily pulls the hose out.
- rugged construction protects the hose coupling and adapter from damage during transportation and the removal of hoses from the hose storage tube
- prevents possible environmental issues due to leaking residue left in an open hose

Materials:

- aluminum body and Buna seals

Size	Aluminum Part #	Price/E
4"	400-DP-ALPH	\$42.15



Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

Hastelloy Adapters

C

female NPT x male adapter
Type Amale NPT x male adapter
Type Fmale adapter x hose shank
Type E

Size	Type A CW-6M-C276 Hastelloy Part #	Price/E	Type F CW-6M-C276 Hastelloy Part #	Price/E	Type E CW-6M-C276 Hastelloy Part #	Price/E
1"	100-A-HA	\$290.00	100-F-HA	\$245.00	100-E-HA	\$271.00
1½"	150-A-HA	360.00	150-F-HA	505.00	150-E-HA	345.00
2"	200-A-HA	405.00	200-F-HA	620.00	200-E-HA	445.00
3" NEW	300-A-HA	800.00	300-F-HA	995.00	300-E-HA	1300.00

Hastelloy Couplers

Features:

- couplers supplied with FKM gaskets
- 316 stainless steel cam arms
- 302 stainless steel pins
- yellow zinc plated 12 gauge steel wire rings

female coupler x hose shank
Type Cfemale coupler x female NPT
Type Dfemale coupler x male NPT
Type B

Size	Type C CW-6M-C276 Hastelloy Part #	Price/E	Type D CW-6M-C276 Hastelloy Part #	Price/E	Type B CW-6M-C276 Hastelloy Part #	Price/E
1"	HAC100EZ	\$460.00	HAD100EZ	\$492.00	HAB100EZ	\$420.40
1½"	HAC150EZ	560.00	HAD150EZ	615.00	HAB150EZ	525.40
2"	HAC200EZ	611.00	HAD200EZ	645.00	HAB200EZ	568.30
3" NEW	HAC300EZ	1700.00	HAD300EZ	1200.00	HAB300EZ	1100.00

Dixon Reducing Cam and Groove Couplings

C



3" coupler x 1½" adapter



4" coupler x 6" adapter



3" coupler x 2½" adapter



5" coupler x 6" adapter

In reducing cam and groove couplings, the coupler is the first size in the part number; (i.e., a 4030-DA-AL is a 4" coupler to a 3" adapter).

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

coupler x adapter

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1" x 1½"	1015-DA-AL ¹	\$158.00	---	1015-DA-SS ¹	\$315.00
1½" x 1"	1510DAAL	72.70	---	1510-DA-SS ¹	315.00
1½" x 2"	1520-DA-AL	88.00	10	1520-DA-SS	295.00
2" x 1"	2010-DA-AL ¹	162.50	---	2010-DA-SS	251.60
2" x 1½"	2015-DA-AL	61.00	10	2015-DA-SS	272.00
2" x 2½"	2025-DA-AL ¹	170.00	---	2025-DA-SS ¹	525.00
2" x 3"	2030-DA-AL	75.20	5	2030-DA-SS	291.70
2" x 4"	2040-DA-AL	119.00	---	2040-DA-SS ¹	510.00
2½" x 2"	---	---	---	2520-DA-SS ¹	540.00
2½" x 3"	---	---	---	2530-DA-SS ¹	640.25
3" x 1½"	3015-DA-AL	92.70	---	3015-DA-SS ¹	410.00
3" x 2"	3020-DA-AL	77.40	10	3020-DA-SS	285.30
3" x 2½"	3025-DA-AL ¹	180.00	---	3025-DA-SS ¹	490.00
3" x 4"	3040-DA-AL	107.10	5	3040-DA-SS	788.00
3" x 6"	3060-DA-AL ¹	300.00	---	3060-DA-SS ¹	719.00
4" x 2"	4020-DA-AL	109.00	5	4020-DA-SS ¹	561.00
4" x 2½"	4025-DA-AL	167.50	---	4025-DA-SS ¹	732.00
4" x 3"	4030-DA-AL	115.30	5	4030-DA-SS	535.00
4" x 5"	4050-DA-AL	226.80	2	---	---
4" x 6"	4060-DA-AL	191.30	2	4060-DA-SS ¹	1100.00
5" x 3"	5030-DA-AL ¹	287.75	2	5030-DA-SS ¹	725.00
5" x 4"	5040-DA-AL	187.20	2	5040-DA-SS ¹	800.00
5" x 6"	5060-DA-AL ¹	399.00	---	5060-DA-SS	950.00
6" x 3"	6030-DA-AL	204.70	2	6030-DA-SS ¹	1158.75
6" x 4"	6040-DA-AL	199.75	2	6040-DA-SS	1200.00
6" x 5"	6050-DA-AL	331.35	---	6050-DA-SS ¹	1300.00
8" x 6"	8060-DA-AL ^{1,2}	1100.00	---	---	---



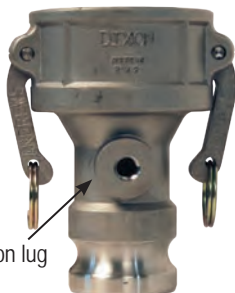
¹ parts are produced as a welded fabrication

² The 8" coupler only has 2 cam arms and *only interchanges with Dixon adapters.*

coupler x adapter

Size	Brass		Opt Qty	Unplated Malleable Iron		Opt Qty
	Part #	Price/E		Part #	Price/E	
3" x 2"	3020-DA-BR	\$305.00	10	3020-DA-MI	\$124.30	10
3" x 4"	3040-DA-BR	410.00	5	---	---	---
4" x 3"	4030-DA-BR	360.00	2	4030-DA-MI	204.00	---
6" x 4"	6040-DA-BR	695.00	---	6040-DA-MI	440.00	---

Reducing Coupler x Adapter with Port



port on lug

Size	Port	316 Stainless Steel	
		Part #	Price/E
3" x 2"	¼"	3020DAT25SS	\$354.00
3" x 2"	⅜"	3020DAT38SS	354.00
3" x 2"	½"	3020DAT50SS	354.00
3" x 2"	¾"	3020DAT75SS	354.00

Boss-Lock Reducing Cam and Groove Couplings

In reducing cam and groove couplings, the coupler is the first size in the part number; (i.e., a ADA4030 is a 4" coupler to a 3" adapter).

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

coupler x adapter

Size	356T6 Aluminum		316 Stainless Steel		Opt Qty
	Part #	Price/E	Part #	Price/E	
2" x 3"	ADA2030 ¹	\$189.00	RDA2030BL ¹	\$415.00	10
2½" x 2"	ADA2520 ¹	173.80	---	---	--
2½" x 3"	ADA2530 ¹	295.00	---	---	--
3" x 2"	ADA3020	90.50	RDA3020BL	375.00	10
3" x 4"	ADA3040 ¹	225.75	RDA3040BL ¹	400.00	10
4" x 2"	ADA4020 ¹	252.00	RDA4020BL ¹	639.10	10
4" x 3"	ADA4030	138.60	RDA4030BL	599.00	10
6" x 4"	ADA6040 ¹	523.00	---	---	--
8" x 6"	ADA8060 ^{1,2}	1100.00	---	---	--



¹ parts are produced as a welded fabrication

² The 8" coupler *only interchanges with 8" Boss-Lock couplings.*



3" coupler x 2" adapter

EZ Boss-Lock Reducing Cam and Groove Couplings

In reducing cam and groove couplings, the coupler is the first size in the part number; (i.e., a ADA4030EZ is a 4" coupler to a 3" adapter).

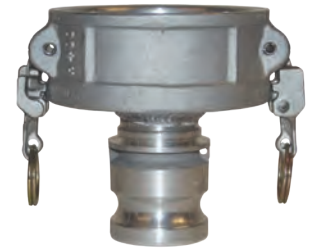
Feature:

- supplied standard with a Buna-N gasket, other gaskets types available on pages 74-76

coupler x adapter

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2" x 3"	ADA2030EZ ¹	\$224.30	RDA2030EZ ¹	\$411.95
3" x 2"	ADA3020EZ	137.20	RDA3020EZ	385.80
3" x 4"	ADA3040EZ ¹	249.10	RDA3040EZ ¹	448.00
4" x 2"	ADA4020EZ ¹	294.70	RDA4020EZ ¹	630.00
4" x 3"	ADA4030EZ	194.25	RDA4030EZ	595.00
6" x 4"	ADA6040EZ ¹	581.00	RDA6040EZ	647.00

¹ parts are produced as a welded fabrication



4" coupler x 2" adapter

Dixon Lockable Dust Caps

Features:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.



Size	356T6 Aluminum			Brass		
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1½"	150DC-LAL	\$48.25	10	150DC-LBR	\$94.50	10
2"	200DC-LAL	52.00	10	200DC-LBR	96.00	10
3"	300DC-LAL	65.80	10	300DC-LBR	119.00	10
4"	400DC-LAL	86.60	10	---	---	---
6"	600DC-LAL	203.00	2	---	---	--



Feature:

- angled, ergonomic thumb release

Size	316 Stainless Steel	
	Part #	Price/E
1½"	150DC-LSS	\$119.00
2"	200DC-LSS	163.40
3"	300DC-LSS	197.00
4"	400DC-LSS	256.90



Dixon Spool Adapters

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 29
- adapter x adapter**

C



increaser / reducer



same size

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	---	---	100-AA-SS	\$102.90
1¼"	---	---	125-AA-SS ¹	365.00
1½"	150-AA-AL	\$35.10	150-AA-SS	111.80
1½" x 2"	1520-AA-AL	45.40	1520-AA-SS	176.00
2"	200-AA-AL	41.25	200-AA-SS	160.00
2" x 3"	2030-AA-AL	64.50	2030-AA-SS	218.00
2" x 4"	2040-AA-AL	114.30	2040-AA-SS ¹	446.00
2½" x 3"	2530-AA-AL ¹	218.00	2530-AA-SS ¹	560.00
2½" x 4"	2540-AA-AL ¹	320.00	---	---
3"	300-AA-AL	65.20	300-AA-SS	261.30
3" x 4"	3040-AA-AL	94.50	3040-AA-SS ¹	505.00
4"	400-AA-AL	85.95	400-AA-SS	359.00
4" x 5"	4050-AA-AL	130.00	---	---
4" x 6"	4060-AA-AL	217.35	4060-AA-SS ¹	995.00
5"	500-AA-AL ¹	270.00	500-AA-SS ¹	850.00
5" x 6"	5060-AA-AL ¹	410.00	---	---
6"	600-AA-AL	236.50	600-AA-SS ¹	970.00

Size	Brass	
	Part #	Price/E
2"	200-AA-BR	\$123.75
3"	300-AA-BR	235.00

¹ parts are produced as a welded fabrication

Dixon Spool Couplers

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

coupler x coupler



reducer / increaser



same size

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	---	---	150-DD-SS ¹	\$295.00
2"	200-DD-AL	\$67.70	200-DD-SS	196.25
2" x 3"	2030-DD-AL	110.00	2030-DD-SS	324.00
3"	300-DD-AL	89.75	300-DD-SS	302.30
3" x 4"	3040-DD-AL	125.50	3040-DD-SS ¹	710.00
4"	400-DD-AL	130.00	400-DD-SS ¹	780.00
4" x 5"	4050-DD-AL ¹	395.20	4050-DD-SS ¹	780.00
4" x 6"	4060-DD-AL ¹	357.00	4060-DD-SS	782.00
5"	500-DD-AL ¹	465.00	500-DD-SS	750.00
6"	600-DD-AL ¹	540.00	---	---

¹ parts are produced as a welded fabrication

Boss-Lock Spool Couplers

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

coupler x coupler



reducer / increaser

same size

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	ADD200 ¹	\$187.00	RDD200EZ	\$360.85
2" x 3"	ADD2030 ¹	195.00	RDD2030EZ ¹	450.00
3"	ADD300 ¹	253.00	RDD300EZ ¹	548.00
3" x 4"	ADD3040 ¹	320.00	RDD3040EZ ¹	640.00
4"	ADD400 ¹	320.00	RDD400EZ ¹	645.50
6"	---	---	RDD600EZ ¹	1200.00

¹ parts are produced as a welded fabrication

Reducing Cam and Groove Couplings

In reducing couplings, the cam and groove end is the first size given in the part number. (i.e., a 4030-C-AL is a 4" coupler to a 3" hose shank).

C

Type A

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 29

male adapter x female NPT

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel		Opt Qty
	Part #	Price/E		Part #	Price/E	
2" x 1½"	2015-A-AL	\$45.95	---	2015-A-SS ¹	\$208.70	--
2" x 3"	2030-A-AL	63.50	10	2030-A-SS	234.00	10
3" x 2"	3020-A-AL	59.75	5	3020-A-SS	295.00	10
3" x 4"	3040-A-AL	74.50	10	---	---	--
4" x 3"	4030-A-AL	68.00	10	4030-A-SS ¹	490.00	--
4" x 6"	4060-A-AL	187.20	5	---	---	--
6" x 4"	6040-A-AL	198.30	5	6040-A-SS ¹	985.00	--

¹ parts are produced as a welded fabrication



reducing
male adapter x female NPT

Type B

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

female coupler x male NPT

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	1510-B-AL	\$64.80	10	1510-B-SS ¹	\$320.00
2" x 1½"	2015-B-AL	63.40	10	2015-B-SS ¹	370.00
2" x 3"	2030-B-AL	81.25	---	---	---
3" x 2"	3020-B-AL	81.25	10	3020-B-SS ¹	358.00
3" x 4"	3040-B-AL	107.60	10	---	---
4" x 3"	4030-B-AL	125.25	5	4030-B-SS ¹	495.00

¹ parts are produced as a welded fabrication



reducing
female coupler x male NPT

Type C

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

female coupler x hose shank

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	---	---	---	1510-C-SS	\$235.00
2" x 1½"	2015-C-AL ¹	\$185.00	---	2015-C-SS ¹	260.00
3" x 2"	3020-C-AL	72.50	10	3020-C-SS	342.80
3" x 2½"	---	---	---	3025-C-SS	389.30
3" x 4"	3040-C-AL	130.00	5	---	---
4" x 3"	4030-C-AL	93.10	5	4030-C-SS ¹	600.00
5" x 4"	5040-C-AL ¹	375.00	---	---	---

¹ parts are produced as a welded fabrication



reducing
female coupler x hose shank

Type D

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

female coupler x female NPT

Size	356T6 Aluminum		Opt Qty	Brass		316 Stainless Steel	
	Part #	Price/E		Part #	Price/E	Part #	Price/E
1½" x 1"	1510-D-AL ¹	\$65.70	10	---	---	1510-D-SS ¹	\$306.00
2" x 1½"	2015-D-AL	48.90	10	---	---	2015-D-SS	220.00
3" x 2"	3020-D-AL	87.60	10	---	---	3020-D-SS	345.50
4" x 3"	4030-D-AL	127.00	10	4030-D-BR	\$300.00	4030-D-SS ¹	498.00
5" x 4"	5040-D-AL ¹	355.00	---	---	---	---	---
6" x 4"	6040-D-AL ¹	410.00	---	---	---	---	---

¹ parts are produced as a welded fabrication



reducing
female coupler x female NPT

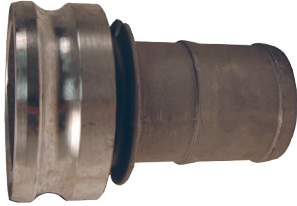
Reducing Cam and Groove Couplings

C In reducing couplings, the cam and groove end is the first size given in the part number. (i.e., a 4030-B-AL is a 4" coupler to a 3" male NPT).

Type E

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 29



reducing
male adapter x hose shank

male adapter x hose shank

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	---	---	---	1510-E-SS	\$221.00
2" x 1½"	2015-E-AL ¹	\$180.00	---	2015-E-SS ¹	218.40
3" x 2"	---	---	---	3020-E-SS ¹	385.00
3" x 2½"	---	---	---	3025-E-SS	199.00
4" x 3"	4030-E-AL	86.80	10	4030-E-SS ¹	550.00
5" x 4"	5040-E-AL ¹	325.00	---	---	---

¹ parts are produced as a welded fabrication

Type F

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 29



reducing
male adapter x male NPT

male adapter x male NPT

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 2"	1520-F-AL	\$45.00	---	---	---
2" x 1½"	2015-F-AL	45.30	---	2015-F-SS ¹	\$398.00
2" x 3"	2030-F-AL	69.00	---	---	---
3" x 1½"	3015-F-AL	64.60	10	3015-F-SS ¹	418.00
3" x 2"	3020-F-AL	64.25	10	3020-F-SS	410.00
3" x 4"	3040-F-AL	83.30	10	---	---
4" x 3"	4030-F-AL	88.90	10	4030-F-SS	325.00

¹ parts are produced as a welded fabrication

Adapters and Couplers with Straight Pipe Thread (NPSM)

Application:

- for delivery of dry goods

Features:

- cork buna gaskets are standard in threaded end replacement gasket; **400GAGFI, \$4.30**
- pressure rating is based on the seal of the mating part, see ratings on page 29


adapter x NPSM thread

Size	356T6 Aluminum	
	Part #	Price/E
4"	400-AS-AL	\$88.00

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

Boss-Lock coupler x NPSM thread


Size	356T6 Aluminum	
	Part #	Price/E
4"	ADS400	\$97.65

Cam and Groove x Cam and Groove Elbows

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

C

45° Elbows

adapter x coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	200DA-45AL ¹	\$154.25	200DA-45SS ¹	\$495.00
3"	300DA-45AL	180.00	300DA-45SS ¹	715.00
4"	400DA-45AL	239.95	400DA-45SS ¹	960.00
6"	600DA-45AL	543.00	---	---

¹ parts are produced as a welded fabrication



male adapter x female coupler

coupler x coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	200DD-45AL	\$157.00	---	--
3"	300DD-45AL	395.20	300DD-45SS	\$599.00
4"	400DD-45AL	398.00	---	--
6"	600DD-45AL	730.00	---	--

• parts are produced as a welded fabrication



female coupler x female coupler

90° Elbows

adapter x coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	---	---	100DA-90SS ¹	\$350.00
1½"	150DA-90AL ¹	\$131.25	150DA-90SS ¹	405.00
2"	200DA-90AL	90.95	200DA-90SS	365.00
3"	300DA-90AL	148.50	300DA-90SS	715.00
4"	400DA-90AL	232.80	400DA-90SS	795.00
5"	500DA-90AL ¹	1500.00	---	---
6"	600DA-90AL	481.25	RDA90600EZ ^{1,2}	2300.00

¹ parts are produced as a welded fabrication

² EZ Boss-Lock design (not pictured)



male adapter x female coupler

coupler x coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	200DD-90AL	\$179.60	---	---
3"	300DD-90AL	375.00	300DD-90SS	\$565.00
4"	400DD-90AL	198.00	---	---
6"	600DD-90AL	795.00	---	---

• parts are produced as a welded fabrication



female coupler x female coupler

Cam and Groove Elbows

Type A

C

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 29



male adapter x female NPT

male adapter x female NPT 90° elbow

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	150A-90AL	\$72.90	---	---
2"	200A-90AL	69.75	200A-90SS ¹	\$450.00
3"	300A-90AL	123.00	300A-90SS	475.50
4"	400A-90AL	224.00	---	---

¹ part is produced as a welded fabrication

Type B

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76



female coupler x male NPT

female coupler x male NPT 90° elbow

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	150B-90AL	\$77.00	---	---
2"	200B-90AL	91.00	200B-90SS ¹	\$490.00
3"	---	---	300B-90SS ¹	600.00

¹ Parts are produced as a welded fabrication.

Type C

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76



female coupler x hose shank

female coupler x hose shank 90° elbow

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	---	---	125C-90BR	\$135.00	---	---
½"	150C-90AL	\$71.90	---	---	150C-90SS	\$390.00
2"	200C-90AL	71.80	200C-90BR	157.00	200C-90SS	340.00
3"	300C-90AL	102.90	---	---	300C-90SS	495.00
4"	400C-90AL	199.30	---	---	400C-90SS ¹	975.00
6"	600C-90AL	478.95	---	---	---	---

¹ part is produced as a welded fabrication

Cam and Groove Elbows

Type D

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

female coupler x female NPT 90° elbow

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	---	---	---	---	100D-90SS	\$210.00
1¼"	---	---	125D-90BR	\$134.10	---	---
1½"	150D-90AL	\$81.60	150D-90BR	118.00	---	---
2"	200D-90AL	68.30	200D-90BR	153.00	200D-90SS	217.35
3"	300D-90AL	110.00	---	---	300D-90SS	592.00
4"	400D-90AL	150.50	---	---	400D-90SS ¹	1015.00
4"	AD90400EZ ²	235.00	---	---	---	---
6"	600D-90AL	355.00	---	---	---	---

¹ parts are produced as a welded fabrication

² EZ Boss-Lock design (not pictured)



female coupler x female NPT

Type E

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 29

male adapter x hose shank 90° elbow

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	---	---	200E-90SS ¹	\$504.00
3"	300E-90AL	\$143.00	300E-90SS	564.00
4"	400E-90AL	169.50	400E-90SS ¹	882.00

¹ parts are produced as a welded fabrication



male adapter x hose shank

Type F

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 29

male adapter x male NPT 90° elbow

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	150F-90AL	\$60.00	---	---
2"	200F90AL	92.00	200F-90SS ¹	\$430.00
3"	---	---	300F-90SS ¹	765.00

¹ parts are produced as a welded fabrication



male adapter x male NPT

Adapters and Couplers x 150# Flanged Drilling

C

Features:

- aluminum and unplated iron flanges are flat faced
- stainless steel flanges are raised face
- see page 822 for flange drilling standards

Dixon adapter x 150# flange



Size	356T6 Aluminum		Flange Thick.	Unplated Malleable Iron		Flange Thick.	316 Stainless Steel		Flange Thick.
	Part #	Price/E		Part #	Price/E		Part #	Price/E	
1"	---	---	---	---	---	---	100-AL-SS	\$209.00	9/16"
1½"	---	---	---	---	---	---	150-AL-SS	197.70	11/16"
2"	200-AL-AL	\$115.00	3/4"	---	---	---	200-AL-SS	229.70	7/16"
3"	300-AL-AL	121.50	5/8"	300-AL-MI	\$203.70	5/8"	300-AL-SS	299.00	7/16"
4"	400-AL-AL	164.00	5/8"	---	---	---	400-AL-SS	495.00	7/16"
6"	600-AL-AL	275.00	5/8"	---	---	---	600-AL-SS	750.00	5/8"
8"	800-AL-AL ¹	1400.00	1-1/8"	---	---	---	---	---	---

¹ part is produced as a welded fabrication

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

Dixon coupler x 150# flange



Size	356T6 Aluminum		Flange Thickness	316 Stainless Steel		Flange Thickness
	Part #	Price/E		Part #	Price/E	
1"	---	---	---	100-DL-SS	\$196.10	21/32"
1½"	---	---	---	150-DL-SS	260.80	25/32"
2"	200-DL-AL	\$160.00	3/4"	200-DL-SS	385.00	7/16"
3"	300-DL-AL	222.00	15/16"	300-DL-SS	499.00	7/16"
4"	400-DL-AL	324.00	15/16"	400-DL-SS	985.00	7/16"
6"	600-DL-AL	419.00	1"	600-DL-SS	1124.00	5/8"
8"	800-DL-AL ¹	1800.00	1-1/8"	---	---	---

¹ part is produced as a welded fabrication

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

EZ Boss-Lock coupler x 150# flange



Size	316 Stainless Steel		Flange Thickness
	Part #	Price/E	
1"	RDL100EZ ¹	\$401.00	9/16"
1½"	RDL150EZ ¹	605.00	11/16"
2"	RDL200EZ	425.00	7/16"
3"	RDL300EZ ¹	600.00	7/16"
4"	RDL400EZ ¹	765.00	7/16"
6"	RDL600EZ ¹	1683.00	1"

¹ part is produced as a welded fabrication

In-Line Sight Glass for Bulk Transfer

Application:

- designed for dry bulk transfer hose
- not intended for liquid service, for dry bulk transfer *only*

Features:

- aluminum body, Buna seals, acrylic sight glasses, stainless steel hardware and bronze cam arms (where applicable)



Size	coupler x adapter		adapter x adapter		coupler x coupler	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
3" x 3"	3533CA	\$329.65	3533AA	\$244.85	3533CC	\$410.80
3" x 4"	3534CA	329.65	3534AA	244.85	---	---
4" x 3"	3543CA	329.65	---	---	3543CC	410.80
4" x 4"	3544CA	329.65	3544AA	244.85	3544CC	410.80

Specialty Items

coupler x adapter wye

Size	Part #	Price/E
<i>356T6 Aluminum</i>		
2"	200YDAAAL	\$142.00



C

tank truck flanged tee

Size	Part #	Price/E ¹
<i>356T6 Aluminum</i>		
4"	400-TLT-AL	\$255.00



¹ Price subject to availability. Minimum production quantities may be required. Some parts have a colored anodized surface finish.

TTMA Series Flange Adapters

Application:

- provides an easy way to quickly convert threaded components to a standard TTMA flange configuration

Features:

- solid cast lightweight aluminum design is more durable than welded fabrications
- design improves flow through adapter even on the 3" reducer
- compact size reduces the overall space needed to install
- for flange drilling standards, see page 822

Male Threaded

TTMA flange x standard male NPT

TTMA Flange	Male NPT	Part #	Price/E
<i>Aluminum</i>			
3"	3"	TTF3AL-3MT	\$87.50
4"	3"	TTF4AL-3MT	65.90
4"	4"	TTF4AL-4MT	61.10



Extended Length - Male Threaded

TTMA flange x extended length male NPT

TTMA Flange	Male NPT	Part #	Price/E
<i>Aluminum</i>			
4"	3"	TTF4AL-3EMT	\$87.50
4"	4"	TTF4AL-4EMT	102.15



Female Threaded

TTMA flange x female NPT

TTMA Flange	Female NPT	Part #	Price/E
<i>Aluminum</i>			
4"	3"	TTF4AL-3FT	\$78.35
4"	4"	TTF4AL-4FT	78.05



Slip-on

TTMA flange x slip-on

TTMA Flange	Pipe Size	Part #	Price/E
<i>Aluminum</i>			
4"	4"	TTF400SP	\$67.00



TTMA Flange Extensions

C



TETF4AL



TETFG4AL

Applications:

- used on load arms to connect an API load coupler to a load arm

Features:

- adds a 6" space between the load arm and the tank truck
- extension with groove provides a specified parting point to prevent excessive damage to the loading arm

Size	Description	Aluminum	
		Part #	Price/E
4"	TTMA flange extension	TETF4AL	\$130.00
4"	TTMA flange extension with groove	TETFG4AL	133.50

Dixon Adapters and Couplers x Round Tank Truck Flange

Features:

- aluminum flanges have a flat face, stainless flanges have a raised face
- see page 822 for flange drilling standards
- pressure rating is based on the seal of the mating part, see ratings on page 29

adapter x round tank truck flange



adapter x round tank truck flange

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
3"	300-ALT-AL	\$78.25	300-ALT-SS¹	\$480.00
3" x 4"	3040ALTAL	112.80	---	---
4"	400-ALT-AL	84.70	400-ALT-SS¹	750.00
6"	600-ALT-AL	236.00	---	---

¹ parts are produced as a welded fabrication

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

coupler x round tank truck flange



coupler x round tank truck flange

Size	356T6 Aluminum		Price/E
	Part #	Price/E	
3"	300-DLT-AL	\$142.60	
3" x 4"	3040DLTAL	159.40	
4"	400-DLT-AL	167.00	
6"	600-DLT-AL	350.00	

Dixon 22½° Adapters and Couplers x Round Tank Truck Flange

Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 29

22½° adapter x round tank truck flange



22½° adapter x round flange

Size	356T6 Aluminum		Price/E
	Part #	Price/E	
4"	40022ALTAL	\$186.30	

Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 74-76

22½° coupler x round tank truck flange



22½° coupler x round flange

Size	356T6 Aluminum		Price/E
	Part #	Price/E	
4"	40022DLTAL	\$153.60	

Round Tank Truck Flange Gaskets (TTMA)



Size	OD	ID	Thick.	Material	Part #	Price/E
3"	5-5/8"	3-1/2"	1/8"	Cork / Buna	300GTTFCB	\$3.90
3"	5-5/8"	3-1/2"	1/16"	PTFE envelope with Klinger filler	300GTTFTK	17.25
3"	5-5/8"	3-1/2"	1/8"	Klingsil® C-4401	300GTTFK	9.95
3"	5-7/8"	3-1/2"	1/4"	PTFE with fiber core	40321TF	22.65
4"	6-5/8"	4-9/16"	1/8"	Cork / Buna	400GTTFCB	4.60
4"	6-5/8"	4-9/16"	1/16"	PTFE envelope with Klinger filler	400GTTFTK	23.00
4"	6-5/8"	4-9/16"	1/8"	Klingsil® C-4401	400GTTFK	18.25
4"	6-7/8"	4-9/16"	1/4"	PTFE with fiber core	40322TF	34.00

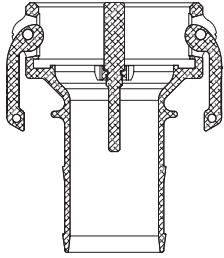
Dixon Vapor Recovery Couplers



- not intended for liquid service, for vapor recovery *only*

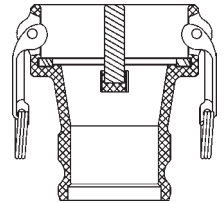
Features:

- cast aluminum body
- bronze arms with stainless steel pins
- plated carbon steel finger rings
- Buna-N gasket



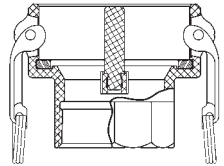
coupler with probe x hose shank

Coupler Size	Hose Shank Size	356T6 Aluminum	
		Part #	Price/E
4"	3"	4030-CVR-AL	\$129.10
4"	4"	400-CVR-AL	137.00



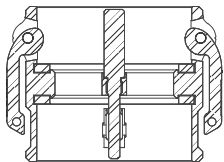
coupler with probe x adapter

Coupler Size	Adapter Size	356T6 Aluminum	
		Part #	Price/E
4"	3"	4030-DAVR-AL	\$139.50



coupler with probe x female NPT

Coupler Size	Female NPT Size	356T6 Aluminum	
		Part #	Price/E
4"	3"	4030-DVR-AL	\$155.00
4"	4"	400-DVR-AL	157.30



coupler with probe x coupler with probe

Coupler Size	Coupler Size	356T6 Aluminum	
		Part #	Price/E
4"	4"	400-DDVR-AL	\$160.00



Dixon Bayco Vapor Recovery Couplers

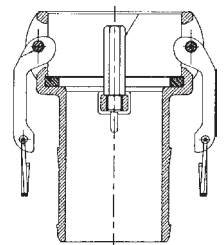


Applications:

- for use with 3" vapor hose
- not intended for liquid service, for vapor recovery *only*

Features:

- cast aluminum body, bronze arms with stainless steel pins and finger rings
- Buna-N gasket
- Dixon replacement handle assemblies will not work on these fittings, contact Dixon for replacements.*



coupler with probe x hose shank

Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
3"	3"	VRC3000AL	\$144.05



Feature:

- VR4030CS-AL has an FKM O-ring poppet seal

coupler with poppet and probe x hose shank

Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
4"	3"	VR4030CS-AL¹	\$213.25
4"	4"	VR4040CS-AL	412.00 NEW



¹ interchanges with all competitor vapor valves *except* Civacon #633LVH (special bulb design).

Dixon Butt Weld to Tube Cam and Groove

C

Application:

- designed to be butt welded to standard sanitary tubing

Feature:

- 316 stainless steel investment casting



adapter x butt weld to tube end

Size	316 Stainless Steel	
	Part #	Price/E
1"	RE100BT	\$130.00
1½"	RE150BT	143.00
2"	RE200BT	165.00
3"	RE300BT	357.00

Boss-Lock coupler x butt weld to tube end



Size	316 Stainless Steel	
	Part #	Price/E
1"	RC100BT	\$195.00
1½"	RC150BT	240.00
2"	RC200BT	260.00
3"	RC300BT	425.00

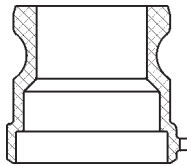
Dixon Adapters for Welding

Feature:



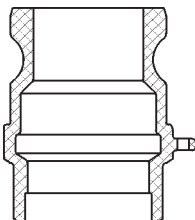
- not all configurations are stocked
- line drawings are for reference only, consult Dixon for specific dimensions
- final weld preparation, as with all weld fittings, is the responsibility of the welder

socket weld to schedule 40 pipe



Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	1.065	---	---	75AWSPSS	\$104.20
1"	1.330	---	---	100AWSPSS	97.95
1½"	1.915	150AWSPAL	\$60.00	150AWSPSS	117.00
2"	2.390	200AWSPAL	46.35	200AWSPSS	110.00
3"	3.530	300AWSPAL	58.60	300AWSPSS	196.35
4"	4.530	400AWSPAL	80.00	400AWSPSS	298.00
5"	5.593	500AWSPAL	123.75	500AWSPSS	450.00
6"	6.655	600AWSPAL	135.00	600AWSPSS	474.00
8" DIX	8.711	800AWSPAL ¹	474.00	---	---
8" BL	8.711	801AWSPAL ¹	453.00	---	---

butt weld to schedule 40 pipe / socket weld to nominal OD tubing



Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	.765	---	---	75AWBPSTSS	\$104.20
1"	1.015	---	---	100AWBPSTSS	97.95
1½"	1.515	150AWBPSTAL	\$60.00	150AWBPSTSS	117.00
2"	2.015	200AWBPSTAL	39.15	200AWBPSTSS	110.00
3"	3.015	300AWBPSTAL	58.60	300AWBPSTSS	196.35
4"	4.015	400AWBPSTAL	80.00	400AWBPSTSS	298.00
5"	5.015	500AWBPSTAL	123.75	500AWBPSTSS	450.00
6"	6.020	600AWBPSTAL	142.00	600AWBPSTSS	474.00
8" BL	8.035	801AWBPSTAL ¹	440.00	---	---



¹ Dixon and Boss-Lock cam and groove couplings do not interchange in the 8" size.

Dixon Couplers for Welding

Feature:

- not all configurations are stocked
- Boss-Lock versions are also available, consult Dixon for pricing and availability
- line drawings are for reference only, consult Dixon for specific dimensions
- final weld preparation, as with all weld fittings, is the responsibility of the welder

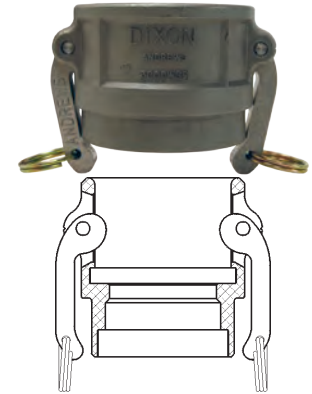


socket weld to schedule 40 pipe

Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	1.065	---	---	75DWSPSS	\$152.00
1"	1.330	100DWSPAL	\$55.00	100DWSPSS	126.20
1½"	1.915	150DWSPAL	61.80	150DWSPSS	153.00
2"	2.390	200DWSPAL	74.25	200DWSPSS	168.75
3"	3.530	300DWSPAL	71.80	300DWSPSS	268.80
4"	4.530	400DWSPAL	98.00	400DWSPSS	351.00
5"	5.562	500DWSPAL	227.00	500DWSPSS	691.00
6"	6.655	600DWSPAL	236.90	600DWSPSS	772.50
8"	8.711	800DWSPAL ¹	990.90	---	---

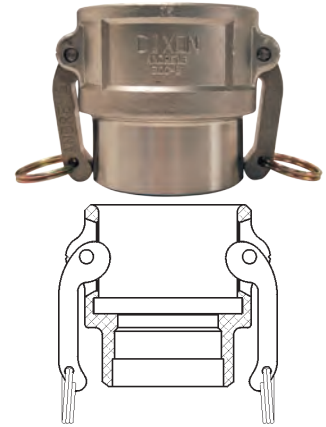


¹ Dixon and Boss-Lock cam and groove couplings do not interchange in the 8" size. The 8" Dixon design has 4 cam arms.



butt weld to schedule 40 pipe / socket weld to nominal OD tubing

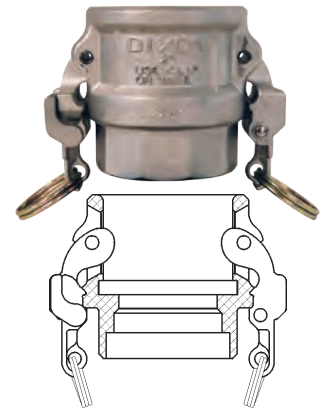
Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	.765	---	---	75DWPSTSS	\$125.90
1"	1.015	---	---	100DWPSTSS	126.20
1½"	1.515	150DWPSTAL	\$61.80	150DWPSTSS	153.00
2"	2.015	200DWPSTAL	57.70	200DWPSTSS	168.75
3"	3.015	300DWPSTAL	71.80	300DWPSTSS	268.80
4"	4.015	400DWPSTAL	93.90	400DWPSTSS	378.00
5"	5.015	500DWPSTAL	172.00	---	---
6"	6.020	600DWPSTAL	236.90	---	---



EZ Boss-Lock Couplers for Welding

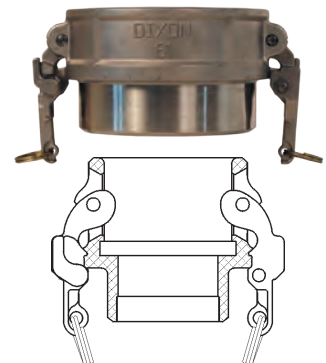
socket weld to schedule 40 pipe

Size	Bore	316 Stainless Steel	
		Part #	Price/E
¾"	1.065	RDWSP075EZ	\$214.25
1"	1.330	RDWSP100EZ	199.80
1½"	1.915	RDWSP150EZ	208.00
2"	2.390	RDWSP200EZ	215.30
3"	3.530	RDWSP300EZ	299.00
4"	4.530	RDWSP400EZ	356.00
6"	6.655	RDWSP600EZ	695.75



butt weld to schedule 40 pipe / socket weld to nominal OD tubing

Size	Bore	316 Stainless Steel	
		Part #	Price/E
¾"	.765	RDWBPST075EZ	\$153.40
1"	1.015	RDWBPST100EZ	159.65
1½"	1.515	RDWBPST150EZ	221.45
2"	2.015	RDWBPST200EZ	227.00
3"	3.015	RDWBPST300EZ	307.00
4"	4.015	RDWBPST400EZ	380.00
6"	6.020	RDWBPST600EZ	554.00



Railroad Tank Car Connections

Features:

- all swivel nuts have standard 5" Railroad Tank Car thread
- supplied with a Buna-N gasket in the threaded end, other gaskets available on page 65
- also available in other materials and in 2" and 2½" sizes, consult Dixon for pricing and availability

Style A



Stainless steel railroad tank car connections are not compatible with aluminum and brass.



Male Adapter	Swivel Nut	Elbow	316 Stainless Steel Part #	Price/E
3"	5"	120°	RTCA30	\$815.00
4"	5"	110°	RTCA40¹	998.00

¹ parts are produced as a welded fabrication

Style F

Features:

- 4" TTMA flange can be bolted to sight glass; API adapter or other dry disconnect
- 110° elbow
- supplied with PTFE Buna-N envelope gasket



TTMA Flange	Swivel Nut	Part #	Aluminum	Price/E
4"	5"	ATCF40¹		\$708.00

¹ part is produced as a welded fabrication

Style GF

Features:

- 4" TTMA flange can be bolted to sight glass; API adapter or other dry disconnect
- 110° elbow



TTMA Flange	Boss-lock Coupler	Part #	Aluminum	Price/E
4"	4"	NEW ATCGF40		\$530.25

Style S

Feature:

- 110° elbow



Shank Size	Swivel Nut	Part #	Aluminum	Price/E
4"	5"	ATCS40		\$334.50

Railroad Tank Car Connections Style T

Features:

- 3" threaded end has a 120° elbow
- 4" threaded end has a 110° elbow

Male NPT	Swivel Nut	Iron		Aluminum	
		Part #	Price/E	Part #	Price/E
3"	5"	TCT30	\$265.00	ATCT30	\$292.00
4"	5"	TCT40	320.00	ATCT40	360.00



C

Style T



Stainless steel railroad tank car connections are not compatible with aluminum and brass.

Features:

- 3" threaded end has a 120° elbow
- 4" threaded end has a 110° elbow

Male NPT	Swivel Nut	316 Stainless Steel	
		Part #	Price/E
3"	5"	RTCT30	\$665.00
4"	5"	RTCT40	780.00



Dixon x Coupler Tank Car

Features:

- parts are produced as a welded fabrication
- pressure rating is based on the seal of the mating part, see ratings on page 29

Coupler	Male Tank Car Thread	Aluminum	
		Part #	Price/E
4"	5"	400DWX5TC	\$500.00



EZ Boss-Lock x Coupler Tank Car

Features:

- parts are produced as a welded fabrication
- pressure rating is based on the seal of the mating part, see ratings on page 29

Coupler	Male Tank Car Thread	Aluminum	
		Part #	Price/E
4"	5"	AD400ALEZMTC	\$575.80



2014
NEW

C

Railcar Unloading Assemblies

Features:

- robust aluminum body construction
- removable, easy carry handle
- safe and reliable - valves will not open unless fittings are properly connected
- API configuration uses stainless steel springs on the adapter and coupler for corrosion resistance



Assembly with Dry Disconnect Adapter

Adapter Size	Swivel Nut Size	Aluminum	
		Part #	Price/E
4"	5"	ATC40ASSDDA	\$2629.40

Dry Disconnect Couplers

Female NPT	Body Size	Aluminum	
		Part #	Price/E
4"	164 mm	DDC400AL	\$3958.40



TTMA Flange	Body Size	Aluminum	
		Part #	Price/E
4"	164 mm	DDC400AL164TTMA	\$5141.00

Assembly with API Adapter



Adapter Size	Swivel Nut Size	Aluminum	
		Part #	Price/E
4"	5"	ATC40ASSAPI	\$1860.90

API Coupler



TTMA Flange	Body Size	Aluminum	
		Part #	Price/E
4"	4"	5300BC	\$2580.00

Build It Your Way



- multiple configurations available, consult Dixon for pricing and availability

Tank Truck Flanged Sight Flow Indicators

- Due to the proprietary blending of petroleum products, Dixon recommends that the thermoplastic tubing and the gaskets be immersion tested in the product to be handled to ensure compatibility (not compatible with crude oil).
- for tank truck flange gaskets, see page 54
- for dimensional information on tank truck flange drilling, see page 822
- maximum flange bolt torque is 200 in-lb (inch pounds)



C

TTMA pattern flanged short sight flow indicators

Features:

- durable cast aluminum housing replaces competitions all acrylic sight glass
- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- low cost sight glass tube can be easily replaced

Size	Width	Aluminum	
		Part #	Price/E
4"	1 3/4"	5200-SFI	\$180.95



sight flow indicator with 4 3/8" flow

Features:

- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- larger ID 4 3/8" flow indicator allows tank truck flanged butterfly valves to connect to either end of the indicator
- rated to **150 PSI**

Size	Width	Aluminum		Opt Qty
		Part #	Price/E	
4"	3 1/4"	5201-SFI	\$256.25	5



replacement parts

Description	Used on	Part #	Price/E
replacement Baylast O-rings, sight glass and retaining ring	5201-SFI	5201-SFI-RK1	\$84.45
Buna-N O-ring		O249BU	4.75

sight flow indicator with 4" flow

Features:

- allows for visual identification of the fuel grade prior to opening the valve
- 4" flow diameter

Size	Aluminum		Opt Qty
	Part #	Price/E	
4"	4-1460-AL	\$190.10	10

replacement parts

Description	Part #	Price/E	Opt Qty
plexiglass insert	4PSG	\$84.00	10
Buna-N O-ring	O246BU	4.25	10

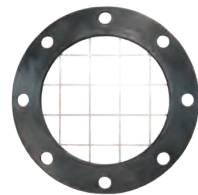


TTMA Flange Screen

Feature:

- stainless steel screen is encapsulated in an FKM gasket

Size	Description	Stainless Steel	
		Part #	Price/E
4"	screen with 1" square holes	TTFS4SS	\$150.00



TTMA Flange Spacer with 1/2" Port

Size	Description	Aluminum	
		Part #	Price/E
4"	flange spacer with 1/2" female NPT port	TTFS4AL-FP50	\$185.60



TTMA Series Flange Adapters

Application:

- provides an easy way to quickly convert threaded components to a standard TTMA flange configuration

C

Features:

- more durable than welded fabrications due to the solid cast lightweight aluminum design
- design improves flow through adapter even on the 3" reducer
- compact size reduces the overall space needed to install
- for flange drilling standards, see page 822

Male Threaded

TTMA flange x standard male NPT



TTMA Flange	Male NPT	Aluminum	
		Part #	Price/E
3"	3"	TTF3AL-3MT	\$87.50
4"	3"	TTF4AL-3MT	65.90
4"	4"	TTF4AL-4MT	61.10

Extended Length - Male Threaded

TTMA flange x extended length male NPT



TTMA Flange	Male NPT	Aluminum	
		Part #	Price/E
4"	3"	TTF4AL-3EMT	\$87.50
4"	4"	TTF4AL-4EMT	102.15

Female Threaded

TTMA flange x female NPT



TTMA Flange	Female NPT	Aluminum	
		Part #	Price/E
4"	3"	TTF4AL-3FT	\$78.35
4"	4"	TTF4AL-4FT	78.05

Slip-on

TTMA flange x slip-on



TTMA Flange	Pipe Size	Aluminum	
		Part #	Price/E
4"	4"	TTF400SP	\$67.00

API Couplers

Features:

- completely modular, coupler can be built with various face seal combinations to be compatible with different alternative fuel / performance levels and applications
- 4" TTMA inlet mounting flange
- 5 cam design for easy alignment and tight connection
- ball-end handle for easy, comfortable operation
- no special tools needed for maintenance
- shaft seals can be changed without removing coupler from loading arm
- link, shaft, pin and crank: hardened 17-4PH stainless steel
- cam: stainless steel
- weight: 20 lbs.
- maximum working pressure: **150 PSI**
- peak surge pressure: 350 PSI
- operating temperature: **-20°F to 400°F** (FKM-B seals)
- maximum flow rate: 600 GPM
- pressure drop: 3 to 4 PSI
- replacement parts are available, contact Dixon

C



API coupler with bonded nose seal

Seal Material	Part #	Price/E
Buna	5300	\$2343.25
FKM-B	5300B	2577.60
FKM-B GFLT	5300G	2694.50
FKM-B with stainless wave spring	5300BC ¹ NEW	2580.00

API coupler with replaceable nose seal

Seal Material	Part #	Price/E
Buna	5400	\$2434.95
FKM-B	5400B	2678.45
FKM-B GFLT	5400G	2799.55

¹ has stainless steel internal springs and is recommended for crude oil service

Load API Valves

Application:

- Used for bottom loading of petroleum tankers, typically mounted to the piping below each tank compartment using the built-in 4" TTMA flange connection.

Description	Part #	Price/E
load only API valve without sight glass, ALH nose ring	5204LNG	\$547.50
load only API valve without sight glass, Baylast™ seal, stainless steel springs	5204LSNG ¹	643.75 NEW
load only API valve without sight glass, Baylast™ seal, stainless steel springs with 1/2" FNPT drain port	5204LSNGP ¹	721.00 NEW



¹ has stainless steel internal springs and is recommended for crude oil service

4" Hose Fittings for Tank Car Unloading

C



TTFST40CS

Size	Description	Carbon Steel	
		Part #	Price/E
4"	TTMA flange x crimp hose shank	TTFST40CS	\$222.50
4"	150# flange x crimp hose shank	FST40CS	182.20
4"	male NPT x crimp hose shank	STC40CS	63.65

King Crimp Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon products.



Hose ID	Hose OD		Carbon Steel Part #
	From ¹	To ¹	
4"	xxx	xxx	CF400-xxxCS

¹ refer to page 17 for crimp ferrule part numbers based on hose OD

Dixon Tank Car Adapters



Stainless steel adapters are not compatible with the aluminum and brass adapters.



Features:

- standard 5" Railroad Tank Car thread
- supplied with a Buna-N gasket in the threaded end, see next page for other gaskets

Size	356T6 Aluminum		Brass		Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	200-TCA-AL	\$121.60	---	---	---	---	200-TCA-SS	\$693.00
3"	300-TCA-AL	105.00	300-TCA-BR	\$350.00	300-TCA-MI	\$257.00	300-TCA-SS	737.40
4"	400-TCA-AL	119.10	400-TCA-BR	420.00	---	---	400-TCA-SS	815.00



Features:

- standard 5" Railroad Tank Car thread
- 45° tank car swivel adapter
- unit has a long handle brass swivel nut and a swivel retaining ring
- supplied with a Buna-N gasket in the threaded end, see next page for other gaskets

Size	356T6 Aluminum	
	Part #	Price/E
4"	40A-45TCAL	\$474.00

Dixon Railroad Tank Car Gaskets

Old Style

Feature:

- for use with Dixon fittings

Size	OD	ID	Thick	Material	Part #	Price/E
5"	5-1/4"	3-1/2"	3/16"	leather	G9	\$15.00



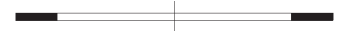
C

Standard

Feature:

- for use with Dixon fittings

Size	OD	ID	Thick.	Material	Part #	Price/E
5"	5-1/4"	3-7/8"	1/8"	Buna-N	500GTCABU	\$6.55
5"	5-1/4"	3-7/8"	1/8"	FKM	500GTCAVI	53.50
5"	5-1/4"	3-7/8"	1/8"	fuel grade Buna	500GTCABF	6.25
5"	5-5/16"	3-7/8"	3/16"	FKM	500GTCAVITHK	32.00 NEW

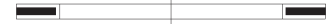


PTFE Envelope

Features:

- for use with Dixon fittings
- may be too thick for insertion in some older Dixon fittings

Size	OD	ID	Thick	Material	Part #	Price/E
5"	5-1/4"	3-13/16"	3/16"	PTFE with Buna-N filler	500GTCATF	\$65.00
5"	5-1/4"	3-13/16"	3/16"	PTFE with FKM filler	500GTCATV	112.00



Wrenches

Pin Lug

Feature:

- used on aluminum and iron tank car nuts

Part #	Iron	Price/E
G10		\$115.00



Long Handle

Feature:

- used on stainless steel tank car nuts

Part #	Iron	Price/E
LHW		\$372.00



Boss-Lock PF Cam and Groove

Applications:

- The shank design on these fittings was developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes, where shank retention can be a problem when using conventional band clamps.

Features:

- in testing tank transport hoses from a wide variety of manufacturers, the Boss-Lock-PF fitting showed significant improvement in hose coupling retention over the conventional cam and groove shank design
- for best results we recommend the use of 3/4" wide band clamps found on pages 369 and 370
- other sizes available, consult Dixon for pricing and availability



female coupler x PF hose shank

EZ Boss-Lock type C coupler x phono finish hose shank

Size	316 Stainless Steel		Opt Qty
	Part #	Price/E	
2"	RC200EZPF	\$180.00	10
3"	RC300EZPF	275.00	5



male adapter x PF hose shank

type E adapter x special phono finish shank

Size	316 Stainless Steel		Opt Qty
	Part #	Price/E	
2"	RE200PF	\$111.00	10

Cam and Groove Hydrant Adapters

Features:

- pin lugs allow for easy connection using standard spanner and hydrant wrenches (pages 618 and 619)
- supplied with a Buna-N washer in the threaded end



female NST x male adapter

Female NST Thread	Male Adapter	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
1 1/2"	1 1/2"	HA1515ADP	\$75.50	AHA1515ADP	\$56.05
2 1/2"	2 1/2"	HA2525ADP	83.30	AHA2525ADP	52.50

Replacement Washers



ID	OD	Thickness	Buna-N	
			Part #	Price/E
1-9/16"	2-1/16"	1/8"	SW150	\$2.00
2-9/16"	3-3/16"	3/16"	SW250	3.20

Swaged Cam and Groove

Applications:

- Developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes. Swaged Boss-Lock provides you with a permanently attached cam and groove fitting when superior coupling retention is required.

Features:

- in testing tank transport hoses from a wide variety of manufacturers, the swaged Boss-Lock fitting proved itself to be the clear winner in overall performance
- also available on special order for other sizes or hose OD's, consult the factory for pricing and availability
- special equipment required for installation*, consult Dixon for pricing and availability or refer to page 414 for more information

EZ Boss-Lock type C coupler with ferrule

Size	Hose OD		316 Stainless Steel	
	from	to	Part #	Price/E
¾"	1-6/64"	1-22/64"	RC075EZ-70	\$130.70
1"	1-29/64"	1-35/64"	RC100EZ-20	137.10
1"	1-36/64"	1-44/64"	RC100EZ-70	141.40



coupler x hose shank with ferrule

Boss-Lock type E adapter with ferrule

Size	Hose OD		316 Stainless Steel	
	from	to	Part #	Price/E
¾"	1-6/64"	1-22/64"	RE075-1370	\$91.50
1"	1-29/64"	1-35/64"	RE100-1620	69.00
1"	1-36/64"	1-44/64"	RE100-1770	76.30



adapter x hose shank with ferrule

Notched Ferrules

Size	Hose OD		304 Stainless Steel	
	from	to	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NO	\$34.80
1½"	2-4/64"	2-22/64"	GAS2370NO	37.20
2"	2-30/64"	2-44/64"	GAS2709NO	31.80
2"	2-42/64"	2-54/64"	GAS2885NO	66.25
3"	3-30/64"	3-46/64"	GAS3760NO	45.40
3"	3-47/64"	3-54/64"	GAS3885NO	62.10
4"	4-40/64"	4-47/64"	GAS5010NO	258.75



Dixon stems and ferrules are specifically designed to be used together as a coupling system.

Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon Holedall products.

Notched Cam and Groove

Features:

- coupling can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting, *after inspection of the fitting to determine its suitability for reuse*, it can be reinstalled into another hose by using a *new ferrule*
- system allows you to better manage your inventories, you can stock one coupling and two ferrules, and cover the same hose range with less inventory, *you must purchase a fitting and the matching ferrule to create an assembly*
- for use with notched ferrules on previous page



Dixon stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon products.

Couplers

EZ Boss-Lock type C with notched shank



female coupler x notched hose shank

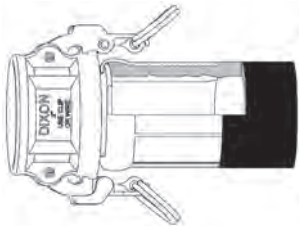
Size	316 Stainless Steel	
	Part #	Price/E
1½"	RC150EZNO	\$113.75
2"	RC200EZNO	121.30
3"	RC300EZNO	208.20
4"	RC400EZNO	310.85

Boss-Lock type C with notched shank



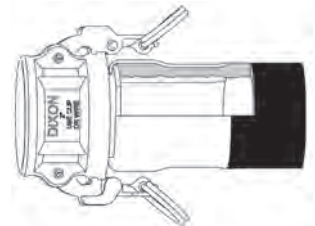
female coupler x notched hose shank

Size	316 Stainless Steel	
	Part #	Price/E
1½"	RC150BLNO	\$118.00
2"	RC200BLNO	116.80
3"	RC300BLNO	199.40
4"	RC400BLNO	297.00



crimped assembly

Contact Dixon for swage and crimp recommendations.



swaged assembly

Adapters

Boss-Lock type E with notched shank



male adapter x notched hose shank

Size	316 Stainless Steel	
	Part #	Price/E
1½"	RE150NO	\$61.00
2"	RE200NO	65.30
3"	RE300NO	126.00
4"	RE400NO	246.90



swaged assembly

Contact Dixon for swage and crimp recommendations.



crimped assembly

Dixon Cam and Groove with Notched NOS Shank

Features:

- system allows you to better manage your inventories, you can stock one stem and two ferrules, and cover the same hose range with less inventory, *you must purchase a fitting and the matching ferrule to create an assembly*
- for hose outside diameters of 2-4/64" and below, *the couplings are crimp only*
- for hose outside diameters of 2-5/64" and above, the couplings can be crimped or swaged
- for use with notched ferrules at bottom of the page
- see pages 282 and 419 for male NPT notched NOS fittings

C



Only use the NOS shank with the NOS ferrules. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon products.

Couplers

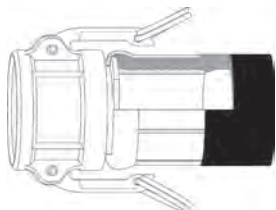
Dixon type C with NOS shank

Size	316 Stainless Steel	
	Part #	Price/E
1½"	150CNOSSS ¹	\$80.00
2"	200CNOSSS	85.10
3"	300CNOSSS	168.90

¹ part will be discontinued as stock is depleted

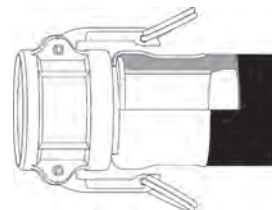


female coupler x notched NOS hose shank



crimped assembly

Contact Dixon for swage and crimp recommendations.



swaged assembly

Adapters

type E with NOS shank

Size	316 Stainless Steel	
	Part #	Price/E
1½"	150ENOSSS ¹	\$38.00
2"	200ENOSSS	50.60
3"	300ENOSSS	101.00

¹ part will be discontinued as stock is depleted

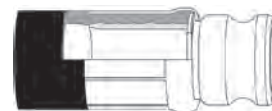


male adapter x notched NOS hose shank



swaged assembly

Contact Dixon for swage and crimp recommendations.



crimped assembly

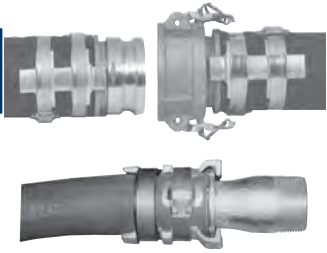
Notched NOS Ferrules

Size	Hose OD		304 Stainless Steel	
	from	to	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NOS	\$31.90
1½"	2-4/64"	2-22/64"	GAS2370NOS	34.50
2"	2-30/64"	2-44/64"	GAS2709NOS	31.50
2"	2-42/64"	2-54/64"	GAS2885NOS	64.40
3"	3-30/64"	3-46/64"	GAS3760NOS	46.35
3"	3-47/64"	3-54/64"	GAS3885NOS	63.00



Strap-Grip Saddles and Fittings

C



Features:

- design provides greater resistance to end pull than conventional band clamps
- only the fittings shown below are designed for use with Strap-Grip Saddles
- saddles are sold in pairs and designed for use with 3/4" or 5/8" wide band clamps
- bands must be purchased separately
- band clamps should first be applied to the OD to seal the hose, then Strap-Grip saddles should be banded over the initial clamp to anchor the fitting in the hose

saddles only



saddles

Size	Hose OD		Plated Iron	
	from	to	Part #	Price/E ¹
1½"	1-13/16"	2-1/8"	SGS150	\$14.40
2"	2-5/8"	3"	SGS200	16.90
3"	3-1/2"	3-7/8"	SGS300	21.40
4"	4-9/16"	5-1/8"	SGS400	24.40
6"	6-1/2"	7-1/16"	SGS600	45.00

¹ prices are a for two saddle set

male NPT x hose shank



male NPT x hose shank

Size	Schedule 40 Plated Carbon Steel		Schedule 40 Stainless Steel		Schedule 80 ¹ Plated Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1½"	LP21	\$60.00	---	---	LP21-80	\$69.00
2"	LP26	53.20	---	---	LP26-80	71.85
3"	LP36	125.00	RLP36 ²	\$221.40	---	---
4"	LP46	164.00	RLP46 ²	375.00	---	---
6"	LP66	340.00	---	---	---	---

¹ Schedule 80 stems meet NFPA 58 standard

² tubular steel construction

Boss-Lock type C coupler x hose shank



female coupler x hose shank

Size	316 Stainless	
	Part #	Price/E
1"	RC100CEZ	\$120.20
1½"	RC150CEZ	170.00
2"	RC200CEZ ¹	152.25

¹ item will be discontinued as inventory is depleted

Dixon Standard Handle Assemblies

Features:

- stainless steel pins standard with all assemblies
- roll pins are 302 stainless and solid pins are 303 stainless
- pull rings are standard on sizes 1¼" thru 6", pull rings are optional on other sizes



Coupler Size	Description	Brass		316 Sintered Stainless Steel		316 Investment Stainless Steel	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	cam arm and pin	---	---	50-HP-SP	\$4.50	---	---
¾"	cam arm and pin	---	---	75-HP-SP	4.15	---	---
1"	cam arm and pin	---	---	100-HP-SP	5.10	---	---
1¼" - 2½"	cam arm, ring and pin	200-HRP-BR	\$8.90	200-HRP-SP	6.85	---	---
2"	cam arm, ring and pin	---	---	---	---	200-HSCRPSI	\$12.00
3"	cam arm, ring and pin	---	---	---	---	300-HSCRPSI	15.50
3" - 5"	cam arm, ring and pin	300-HRP-BR	9.65	300-HRP-SP	8.20	---	---
6"	cam arm, ring and pin	600-HRP-BR	38.65	---	---	600-HRP-SI	57.70
8"	cam arm and pin for new coupler design	800-HNP-BR	69.50	---	---	---	---

Locking Handle for Dixon Dust Caps

Feature:

- not supplied with pins

Coupler Size	Hole Diameter	Brass		316 Investment Stainless Steel ^{NEW}	
		Part #	Price/E	Part #	Price/E
2"	9/32"	200-LH-BR	\$19.50	200-LH-SI	\$18.00
3"	5/16"	300-LH-BR	21.00	300-LH-SI	19.00
4"	3/8"	400-LH-BR	25.10	400-LH-SI	22.00



Paddle Handle for Dixon Couplings

Feature:

- not supplied with pins

Coupler Size	Brass	
	Part #	Price/E
3" and 4"	300H-PADBR	\$34.50



Coupler Size	316 Investment Cast Stainless Steel	
	Part #	Price/E
3" and 4"	300H-PADSS	\$29.75



Boss-Lock Standard Handle Assemblies

assembly includes cam arm, pin and pull ring safety clip

Coupler Size	Brass		316 Invest. Cast Stain. Steel		Plated Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾" - 1"	BHSC175	\$12.85	RHSC175	\$15.95	---	---
1¼" - 2½"	BHSC152	12.75	RHSC152	19.40	IHSC152	\$11.00
3" and 4"	BHSC34	14.90	RHSC34	29.00	IHSC34	11.00



assembly includes cam arm, pin and pull ring

Coupler Size	Brass		Plated Iron	
	Part #	Price/E	Part #	Price/E
6" and 8"	BH6	\$42.60	IH6	\$34.00



EZ Boss-Lock Handles

Features:

- investment cast stainless steel cam arm and lever
- 316 stainless steel spring
- stainless steel pin, washer, plated carbon steel pull ring



Coupler Size	316 Stainless Steel	
	Part #	Price/E
3/4" - 1"	RHEZ175	\$21.40
1 1/4" - 2 1/2"	RHEZ152	24.70
3" and 4"	RHEZ34	38.50
6" and 8"	RHEZ6	62.40



Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically produced for their use. The aluminum, brass and iron are made from sand castings. To ensure proper functioning of the EZ Boss-Lock cam arm assemblies, we sort the castings to ensure there is sufficient length and orientation on the lugs on the main casting to engage the lever. We also buff or grind the rougher sand cast surface to ensure that the lever will move freely. *The EZ Boss-Lock cam arms cannot be retrofitted onto existing aluminum, brass or plated iron Boss-Lock already in service.*

Witches Hat Strainers

Features:

- used with female cam and groove couplings
- pre-attached Buna-N gasket



Size	304 Stainless Steel		Buna-N Gasket	
	Part #	Price/E	Part #	Price/E
3"	WH300-A	\$36.25	WH300-G	\$9.50
4"	WH400-A	44.70	WH400-G	10.50



Disk Strainers

Features:

- threads into bottom of female NPT fitting to protect equipment from large contaminants
- 304 stainless steel parts are investment castings

Size	Hole Size	6061T6 Aluminum		304 Stainless Steel	
		Part #	Price/E	Part #	Price/E
2"	1/4"	SDA200	\$21.00	SDS200	\$29.00
3"	1/4"	SDA300	24.00	SDS300	40.00
4"	1/4"	SDA400	37.80	SDS400	61.50

Pull Ring Safety Clips for Boss-Lock Couplings



Coupler Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
3/4" - 1"	---	---	100PRSCSS	\$2.50
1 1/4" - 2 1/2"	200PRSCCS	\$2.10	200PRSCSS	3.00
3" and 4"	300PRSCCS	2.10	300PRSCSS	3.00



Stainless Steel Pull Ring

304 Stainless Steel	
Part #	Price/E
R200SS	\$1.60

Clips and Lanyards for Boss-Lock Couplings

Features:

- carbon steel clip
- nylon lanyard



Coupler Size	Part #	Price/E
3/4" - 1"	ACL4	\$3.30
1 1/4" - 4"	ACL2	3.15

Features:

- carbon steel clip
- no lanyard supplied with this clip



Coupler Size	Part #	Price/E
6"	ACL3	\$6.50

Locking Cam Arm Velcro® Straps

Applications:

- used on the female end of the cam and groove coupler
- use with cam and groove couplers to prevent spills, secure from damage, and hold in place during transport

Feature:

- high visibility orange hook and loop with metal buckle provides strength, durability and long life

Length	Used On	Part #	Price/E
12"	fits up to 1½" coupler	CVS12	\$9.25
18"	fits up to 3" coupler	CVS18	10.00
24"	fits up to 5" coupler	CVS24	11.25
36"	fits up to 8" coupler	CVS36	12.00



coupler sold separately

2014
NEW

C

Features:

- for use with Boss-Lock couplings
- includes a pull ring, chain and AC3 clip

Part #	Price/E
BLCA152CS	\$9.10

Carbon Steel Clip Assembly



Feature:

- .072 stainless steel wire

Stainless Steel Part #	Price/E
AC7	\$2.25

Clip for Boss-Lock Couplings



Lanyard for Boss-Lock Couplings

Feature:

- breaking strength: 160 lbs.

304 Stainless Part #	Overall Length	Price/E
LR7	7"	\$8.00



Jack Chains with S-Hooks

Length	Material	Part #	Price/E	Opt Qty
6"	brass	CH-B-6	\$8.25	10
12"	brass	CH-B-12	9.25	10
24"	brass	CH-B-24	18.90	---
12"	carbon steel	CH-C-12	7.90	10
6"	stainless	CH-SS-6	8.75	10
12"	stainless	CH-SS-12	11.95	10
24"	stainless	CH-SS-24	18.60	10



Sash Chains with Pull Rings

Feature:

- brass chain, plated steel pull ring

Length	Part #	Price/E
4½"	J125	\$8.00
6½"	J150	8.95
8½"	J300	12.00
12¾"	J500	16.90



PVC Coated Lanyards

Features:

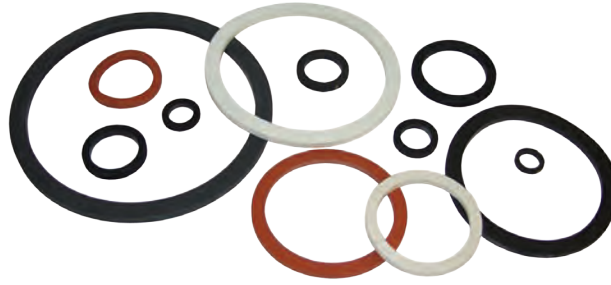
- PVC coated carbon steel with aluminum crimp sleeves
- one end factory crimped, one end uncrimped for field installation

Length	Part #	Price/E
15"	CAL15	\$7.00
25"	CAL25	8.45



Cam and Groove Gaskets

C



Feature:

- white neoprene and white Buna-N gaskets all contain FDA approved materials

Size	Buna-N		FKM		extra thick Buna-N		Ethylene Propylene	
	Part #	Price	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	50-G-BU	\$1.20	50-G-VI	\$4.90	---	---	---	---
3/4"	75-G-BU	1.20	75-G-VI	6.20	---	---	75-G-EPR	\$2.05
1"	100-G-BU	1.20	100-G-VI	8.75	100GTHK	\$1.75	100-G-EPR	2.05
1 1/4"	125-G-BU	1.20	125-G-VI	12.50	125GTHK	2.25	125-G-EPR	2.30
1 1/2"	150-G-BU	1.35	150-G-VI	12.30	150GTHK	2.25	150-G-EPR	2.25
2"	200-G-BU	1.20	200-G-VI	16.90	200GTHK	2.30	200-G-EPR	2.50
2 1/2"	250-G-BU	1.50	250-G-VI	20.90	250GTHK	3.00	250-G-EPR	2.70
3"	300-G-BU	1.55	300-G-VI	20.80	300GTHK	2.60	300-G-EPR	2.65
4"	400-G-BU	2.05	400-G-VI	34.80	400GTHK	3.40	400-G-EPR	3.60
5"	500-G-BU	3.75	500-G-VI	76.40	---	---	---	---
6"	600-G-BU	5.15	600-G-VI	71.50	---	---	---	---
8"	800-G-BU	22.50	800-G-VI	119.00	---	---	---	---

Size	Neoprene		white Neoprene		white Buna-N		Silicone	
	Part #	Price	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	---	---	---	---	---	---	---	---
3/4"	75-G-NE	\$2.20	---	---	---	---	---	---
1"	100-G-NE	2.20	---	---	---	---	---	---
1 1/4"	125-G-NE	2.25	---	---	---	---	---	---
1 1/2"	150-G-NE	2.30	150-G-WNE	\$4.50	---	---	150-G-SIL	\$3.80
2"	200-G-NE	2.50	200-G-WNE	6.70	---	---	200-G-SIL	4.15
2 1/2"	250-G-NE	3.25	---	---	---	---	---	---
3"	300-G-NE	3.80	300-G-WNE	9.00	300-G-WB	\$8.95	300-G-SIL	9.00
4"	400-G-NE	4.65	400-G-WNE	9.35	400-G-WB	9.20	400-G-SIL	9.95
5"	---	---	500-G-WNE	18.80	---	---	---	---
6"	---	---	600-G-WNE	15.25	---	---	---	---
8"	---	---	---	---	---	---	---	---

Cam and Groove Fuel Gaskets



Size	Part #	Material	Price
1 1/2"	150-G-BF	Buna	\$2.00
2"	200-G-BF	Buna	2.40
3"	300-G-BF	Buna	2.70
4"	400-G-BF	Buna	3.90
3"	300GTHKBF	extra thick Buna-N	4.80
4"	400GTHKBF	extra thick Buna-N	6.35

PTFE Cam and Groove Gaskets

The torque (force) required to close the handles on a pair of cam and groove fittings will vary according to the gasket chosen. Due to the nature of the PTFE material, the various PTFE gasket designs will require the most torque, increasing as you go from envelope to encapsulated, and finally, accordion.

C

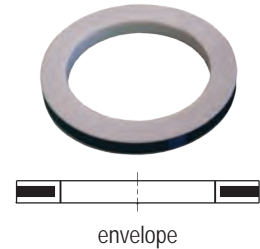
Features:



- PTFE white Buna filler (TFWB) and PTFE encapsulated silicone (TES) all contain FDA approved materials
- PTFE accordion gaskets (TFACC) are recommended for use with viscous (thick) fluids only
- encapsulated gasket pressure ratings are reduced to **125 PSI** for ¾" - 4" at ambient temperature (**70°F**)
- envelope and accordion gasket pressure ratings on page 29
- PTFE encapsulated FKM (TEV) gaskets - maximum operating temperature **200°F**
- PTFE encapsulated silicone gaskets (TES) gaskets - maximum operating temperature **225°F**
- *maximum operating temperatures for specific chemicals may be lower, contact Dixon for specific recommendations*

Envelope

Size	PTFE (TFE) with Buna-N filler		PTFE (TFE) with FKM filler		PTFE (TFE) with white Buna-N filler		PTFE (TFE) with Ethylene Propylene filler	
	Part #	Price	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50-G-TF	\$7.70	50-G-TF-VI	\$10.75	---	---	---	---
¾"	75-G-TF	8.75	75-G-TF-VI	19.00	---	---	---	---
1"	100-G-TF	9.40	100GTFVI	20.00	---	---	---	---
1¼"	125-G-TF	11.00	125GTFVI	29.20	---	---	---	---
1½"	150-G-TF	13.00	150GTFVI	24.00	---	---	150GTFEP	\$15.50
2"	200-G-TF	14.80	200GTFVI	29.60	200GTFWB	\$15.90	200GTFEP	16.50
2½"	250-G-TF	26.00	250GTFVI	48.00	---	---	---	---
3"	300-G-TF	19.25	300GTFVI	41.50	300GTFWB	22.00	300GTFEP	20.40
4"	400-G-TF	31.00	400GTFVI	65.40	400GTFWB	40.75	---	---
5"	---	---	---	---	500GTFWB	73.00	---	---
6"	600-G-TF	75.40	600GTFVI	120.00	---	---	---	---



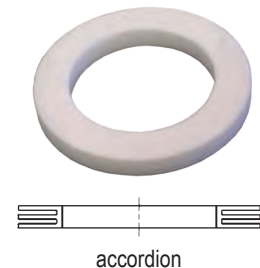
Encapsulated

Size	PTFE (FEP) encapsulated silicone		PTFE (FEP) encapsulated FKM	
	Part #	Price/E	Part #	Price/E
¾"	75-G-TES	\$33.00	75-G-TEV	\$50.00
1"	100-G-TES	33.00	100-G-TEV	49.60
1¼"	125-G-TES	37.75	125-G-TEV	55.00
1½"	150-G-TES	38.30	150-G-TEV	59.00
2"	200-G-TES	40.00	200-G-TEV	60.60
2½"	250-G-TES	48.20	250-G-TEV	79.60
3"	300-G-TES	55.00	300-G-TEV	83.50
4"	400-G-TES	74.00	400-G-TEV	121.00

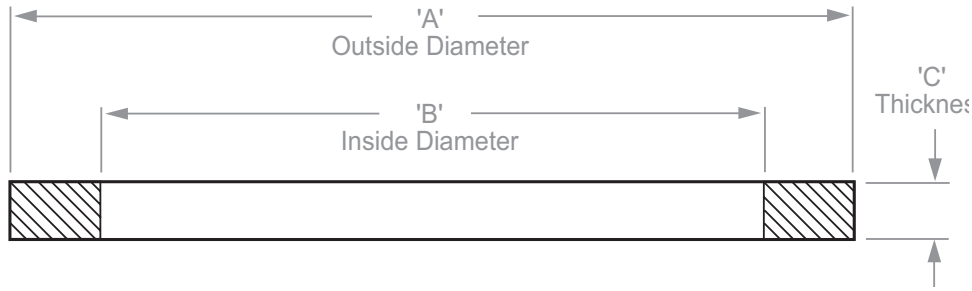


Accordion

Size	PTFE (TFE)	
	Part #	Price/E
¾"	75GTFACC	\$14.80
1"	100GTFACC	16.00
1¼"	125GTFACC	20.90
1½"	150GTFACC	19.00
2"	200GTFACC	22.00
3"	300GTFACC	48.00



Dixon Cam and Groove Gasket Dimensions



- nominal dimensions for Dixon's elastomeric cam and groove gaskets are listed
- ID's of the PTFE envelope gaskets and the PTFE accordion gaskets are $1/16$ " smaller than the ID's for the elastomeric gaskets shown below
- thickness of PTFE accordion gaskets may vary from chart below

Size	Part #	Dimensions		
		'A'	'B'	'C'
1/2"	50-G ¹	1-1/32"	11/16"	.156"
3/4"	75-G	1-3/8"	7/8"	.218"
1"	100-G	1-9/16"	1-1/16"	.250"
1 1/4"	125-G	1-15/16"	1-23/64"	.250"
1 1/2"	150-G	2-3/16"	1-5/8"	.250"
2"	200-G	2-5/8"	2"	.250"
2 1/2"	250-G	3-1/8"	2-3/8"	.250"
3"	300-G	3-23/32"	3"	.250"
4"	400-G	4-7/8"	4"	.250"
5"	500-G	5-15/16"	4-7/8"	.250"
6"	600-G	7-1/16"	6"	.250"
8"	800-G ¹	9-5/16"	8-1/8"	.343"



¹ No interchange standard exists for the 1/2" and 8" fittings. Generally, these sizes do not interchange with other manufacturer's products. As such, the gaskets in these sizes are not suitable for use in other manufacturers' couplings.

Dixon Cam and Groove Gasket Color Codes

Gasket Code ¹	Gasket Material	Material Color	Color code stripes (appear on the OD of the gasket or filler)
-BU	Buna-N (standard in all metal fittings)	black	1 blue
-BF	Buna (formulated for fuel service)	black	1 green
-VI	FKM	black	1 yellow
-THK	Extra Thick Buna	black	2 blue
-EPR	Ethylene Propylene	black	1 white
-NE	Neoprene	black	1 red
-WNE	White Neoprene, FDA approved material	white	none
-WB	White Buna N, FDA approved material	white	blue
-SIL	Silicone	red	none
-TF	PTFE (TFE) Envelope with Buna-N filler	white / black	1 blue
TFVI	PTFE (TFE) Envelope with FKM filler	white / black	1 yellow
TFWB	PTFE (TFE) Envelope with White Buna-N filler, FDA approved materials	white / white	blue
TFEP	PTFE (TFE) Envelope with Ethylene Propylene filler	white / black	1 white stripe
-TES	PTFE (FEP) Encapsulated Silicone core, FDA approved materials	translucent / red	none
-TEV	PTFE (FEP) Encapsulated FKM core	translucent / black	none
TFACC	PTFE (TFE) Accordion, FDA approved materials	white	none

¹ part number suffix



Since other manufacturer's coding systems vary,
this chart should not be used as a reference in identifying gaskets of unknown origin.

Global Cam and Groove

Features:

- interchange with all products produced to A-A-59326D
- made to Dixon specifications and branded Dixon
- Buna seals are standard
- pressure rating for adapters is based on the seal of the mating part



- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons

C

Global Type A Adapters

Size	A380 Permanent Mold AL		ASTMC38000 Forged Brass		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-A-AL ¹	\$6.35	G50-A-BR ¹	\$11.80	G50-A-SS NEW	\$18.00
3/4"	G75-A-AL	5.00	G75-A-BR	10.70	G75-A-SS	19.00
1"	G100-A-AL	5.10	G100-A-BR	13.70	G100-A-SS	18.60
1 1/4"	G125-A-AL	7.75	G125-A-BR	17.70	G125-A-SS	29.10
1 1/2"	G150-A-AL	5.70	G150-A-BR	20.45	G150-A-SS	31.05
2"	G200-A-AL	6.05	G200-A-BR	26.70	G200-A-SS	37.45
2 1/2"	G250-A-AL	14.60	G250-A-BR	41.05	G250-A-SS	72.30
3"	G300-A-AL	12.40	G300-A-BR	47.05	G300-A-SS	78.35
4"	G400-A-AL	19.55	G400-A-BR	82.80	G400-A-SS	138.35
5"	G500-A-AL ¹	73.60	G500-A-BR ¹	197.30	---	---
6"	G600-A-AL	51.40	---	---	G600-A-SS	248.50
8"	G800-A-AL ¹	238.55	---	---	---	---

¹ Does not interchange in the 1/2", 5", and 8" sizes with Dixon or Boss-Lock style cam and groove.



female NPT x male adapter

Global Type B Couplers

Size	A380 Permanent Mold AL with Brass Handles		ASTMC38000 Forged Brass		316 Investment Cast Stainless Steel		A380 Permanent Mold AL with SS Handles	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-B-AL ^{1,2}	\$16.20	G50-B-BR ¹	\$27.10	G50-B-SS NEW	\$29.50	---	---
3/4"	G75-B-AL ²	10.75	G75-B-BR	24.45	G75-B-SS	31.45	---	---
1"	G100-B-AL	11.95	G100-B-BR	26.35	G100-B-SS	32.20	---	---
1 1/4"	G125-B-AL	16.30	G125-B-BR	36.70	G125-B-SS	52.45	---	---
1 1/2"	G150-B-AL	13.65	G150-B-BR	35.70	G150-B-SS	52.10	G150-B-ALSI	\$13.65
2"	G200-B-AL	14.25	G200-B-BR	41.90	G200-B-SS	65.55	G200-B-ALSI	14.25
2 1/2"	G250-B-AL	26.00	G250-B-BR	63.35	G250-B-SS	94.60	---	---
3"	G300-B-AL	23.60	G300-B-BR	77.70	G300-B-SS	109.35	G300-B-ALSI	23.60
4"	G400-B-AL	33.35	G400-B-BR	108.85	G400-B-SS	160.40	G400-B-ALSI	33.35
5"	G500-B-AL ¹	97.05	G500-B-BR ¹	316.10	---	---	---	---
6"	G600-B-AL	92.70	---	---	G600-B-SS	429.75	---	---

¹ Does not interchange in the 1/2" and 5" sizes with Dixon or Boss-Lock style cam and groove.

² supplied with stainless steel handles



female coupler x male NPT

Global Type C Couplers

Size	A380 Permanent Mold AL with Brass Handles		ASTMC38000 Forged Brass		316 Investment Cast SS		A380 Permanent Mold AL with SS Handles	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-C-AL ^{1,2}	\$13.15	G50-C-BR ¹	\$31.10	G50-C-SS NEW	\$28.75	---	---
3/4"	G75-C-AL ²	10.70	G75-C-BR	20.40	G75-C-SS	30.40	---	---
1"	G100-C-AL	10.95	G100-C-BR	29.50	G100-C-SS	29.50	---	---
1 1/4"	G125-C-AL	15.50	G125-C-BR	30.25	G125-C-SS	50.35	---	---
1 1/2"	G150-C-AL	13.20	G150-C-BR	39.60	G150-C-SS	49.80	G150-C-ALSI	\$13.20
2"	G200-C-AL	15.25	G200-C-BR	48.05	G200-C-SS	63.65	G200-C-ALSI	15.25
2 1/2"	G250-C-AL	25.90	G250-C-BR	70.45	G250-C-SS	86.00	---	---
3"	G300-C-AL	23.55	G300-C-BR	90.95	G300-C-SS	125.45	G300-C-ALSI	23.55
4"	G400-C-AL	36.75	G400-C-BR	132.00	G400-C-SS	173.95	G400-C-ALSI	36.75
5"	G500-C-AL ¹	103.00	G500-C-BR ¹	409.20	---	---	---	---
6"	G600-C-AL	109.20	---	---	G600-C-SS	406.15	---	---
8"	G800-C-AL ¹	335.00	---	---	---	---	---	---

¹ Does not interchange in the 1/2", 5", and 8" sizes with Dixon or Boss-Lock style cam and groove.

² supplied with stainless steel handles



female coupler x hose shank

Global Type D Couplers

C



female coupler x female NPT

Size	A380 Permanent Mold AL with Brass Handles		ASTMC38000 Forged Brass		316 Investment Cast SS		A380 Permanent Mold AL with SS Handles	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-D-AL ^{1,2}	\$16.35	G50-D-BR ¹	\$29.90	G50-D-SS ^{NEW}	\$29.75	---	---
3/4"	G75-D-AL ²	12.10	G75-D-BR	22.75	G75-D-SS	31.35	---	---
1"	G100-D-AL	11.60	G100-D-BR	30.25	G100-D-SS	31.35	---	---
1 1/4"	G125-D-AL	16.95	G125-D-BR	35.15	G125-D-SS	52.90	---	---
1 1/2"	G150-D-AL	12.90	G150-D-BR	39.20	G150-D-SS	54.70	G150-D-ALSI	\$12.90
2"	G200-D-AL	15.05	G200-D-BR	45.35	G200-D-SS	65.60	G200-D-ALSI	15.05
2 1/2"	G250-D-AL	26.45	G250-D-BR	77.30	G250-D-SS	88.45	---	---
3"	G300-D-AL	25.15	G300-D-BR	80.95	G300-D-SS	107.45	G300-D-ALSI	25.15
4"	G400-D-AL	34.00	G400-D-BR	129.45	G400-D-SS	169.95	G400-D-ALSI	35.00
5"	G500-D-AL ¹	92.25	G500-D-BR ¹	310.90	---	---	---	---
6"	G600-D-AL	98.45	---	---	G600-D-SS	421.00	---	---

¹ does not interchange in the 1/2" and 5" sizes with Dixon or Boss-Lock style cam and groove

² stainless steel handles

Global Type E Adapters



hose shank x male adapter

Size	A380 Permanent Mold AL		ASTMC38000 Forged Brass		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-E-AL ¹	\$8.80	G50-E-BR ¹	\$19.20	G50-E-SS ^{NEW}	\$15.90
3/4"	G75-E-AL	4.35	G75-E-BR	19.70	G75-E-SS	16.75
1"	G100-E-AL	5.05	G100-E-BR	19.05	G100-E-SS	22.45
1 1/4"	G125-E-AL	7.55	G125-E-BR	21.35	G125-E-SS	36.10
1 1/2"	G150-E-AL	6.55	G150-E-BR	27.40	G150-E-SS	36.25
2"	G200-E-AL	8.40	G200-E-BR	38.25	G200-E-SS	50.45
2 1/2"	G250-E-AL	16.20	G250-E-BR	63.25	G250-E-SS	83.15
3"	G300-E-AL	15.15	G300-E-BR	76.75	G300-E-SS	110.25
4"	G400-E-AL	25.10	G400-E-BR	123.00	G400-E-SS	161.00
5"	G500-E-AL ¹	78.05	G500-E-BR ¹	447.95	---	---
6"	G600-E-AL	79.45	---	---	G600-E-SS	360.30
8"	G800-E-AL ¹	240.00	---	---	---	---

¹ does not interchange in the 1/2", 5", and 8" sizes with Dixon or Boss-Lock style cam and groove

Global Type F Adapters



male NPT x male adapter

Size	A380 Permanent Mold AL		ASTMC38000 Forged Brass		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-F-AL ¹	\$6.60	G50-F-BR ¹	\$14.70	G50-F-SS ^{NEW}	\$22.00
3/4"	G75-F-AL	5.35	G75-F-BR	13.30	G75-F-SS	23.30
1"	G100-F-AL	5.70	G100-F-BR	16.55	G100-F-SS	25.55
1 1/4"	G125-F-AL	9.40	G125-F-BR	29.65	G125-F-SS	41.20
1 1/2"	G150-F-AL	6.80	G150-F-BR	29.75	G150-F-SS	44.75
2"	G200-F-AL	7.65	G200-F-BR	34.60	G200-F-SS	53.80
2 1/2"	G250-F-AL	17.85	G250-F-BR	44.50	G250-F-SS	92.25
3"	G300-F-AL	16.85	G300-F-BR	67.55	G300-F-SS	112.05
4"	G400-F-AL	24.80	G400-F-BR	99.50	G400-F-SS	159.80
5"	G500-F-AL ¹	88.60	G500-F-BR ¹	332.10	---	---
6"	G600-F-AL	64.60	---	---	G600-F-SS	385.45

¹ does not interchange in the 1/2" and 5" sizes with Dixon or Boss-Lock style cam and groove

Global Type DC Dust Caps

Size	A380 Permanent Mold AL with Brass Handles		ASTMC38000 Forged Brass		316 Investment Cast SS		A380 Permanent Mold AL with SS Handles	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-DC-AL ^{1,2}	\$14.40	G50-DC-BR ¹	\$24.05	G50-DC-SS ^{NEW}	\$27.00	---	---
3/4"	G75-DC-AL ²	10.60	G75-DC-BR	18.10	G75-DC-SS	28.45	---	---
1"	G100-DC-AL	10.40	G100-DC-BR	22.30	G100-DC-SS	28.80	---	---
1 1/4"	G125-DC-AL	14.00	G125-DC-BR	31.25	G125-DC-SS	50.50	---	---
1 1/2"	G150-DC-AL	12.70	G150-DC-BR	34.95	G150-DC-SS	48.35	G150-DC-ALSI	\$12.70
2"	G200-DC-AL	12.40	G200-DC-BR	38.25	G200-DC-SS	56.90	G200-DC-ALSI	12.40
2 1/2"	G250-DC-AL	20.70	G250-DC-BR	44.90	G250-DC-SS	78.45	---	---
3"	G300-DC-AL	23.10	G300-DC-BR	69.90	G300-DC-SS	93.60	G300-DC-ALSI	23.10
4"	G400-DC-AL	29.25	G400-DC-BR	97.05	G400-DC-SS	126.05	G400-DC-ALSI	29.25
5"	G500-DC-AL ¹	80.00	G500-DC-BR ¹	304.90	---	---	---	---
6"	G600-DC-AL	84.35	---	---	G600-DC-SS	405.95	---	---



dust cap

¹ does not interchange in the 1/2" and 5" sizes with Dixon or Boss-Lock style cam and groove
² stainless steel handles

Global Type DP Dust Plugs

Size	A380 Permanent Mold AL		ASTMC38000 Forged Brass		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/2"	G50-DP-AL ¹	\$5.05	G50-DP-BR ¹	\$18.65	G50-DP-SS ^{NEW}	\$14.75
3/4"	G75-DP-AL	4.85	G75-DP-BR	12.80	G75-DP-SS	15.85
1"	G100-DP-AL	4.75	G100-DP-BR	14.20	G100-DP-SS	18.85
1 1/4"	G125-DP-AL	5.65	G125-DP-BR	18.75	G125-DP-SS	31.00
1 1/2"	G150-DP-AL	5.45	G150-DP-BR	17.85	G150-DP-SS	29.15
2"	G200-DP-AL	6.55	G200-DP-BR	21.20	G200-DP-SS	33.55
2 1/2"	G250-DP-AL	9.70	G250-DP-BR	34.60	G250-DP-SS	60.10
3"	G300-DP-AL	11.05	G300-DP-BR	37.40	G300-DP-SS	72.85
4"	G400-DP-AL	17.50	G400-DP-BR	62.15	G400-DP-SS	86.85
5"	G500-DP-AL ¹	48.20	G500-DP-BR ¹	201.45	---	---
6"	G600-DP-AL	44.90	---	---	G600-DP-SS	249.95



dust plug

¹ does not interchange in the 1/2" and 5" sizes with Dixon or Boss-Lock style cam and groove

Replacement Handle Assemblies for Global Couplers

For Aluminum and Brass Global Couplers

Feature:

- supplied complete with ring and pin



investment stainless



forged brass

Fits on sizes	Investment Stainless	
	Part #	Price/E
3/4"	G75HRP	\$2.70
1"	G100HRP	4.05
1 1/2" and 2"	G152HRPSI	4.60
3" and 4"	G34HRPSI	7.10
6"	G600HRPSI	20.45

Fits on sizes	Forged Brass	
	Part #	Price/E
1 1/4" - 2 1/2"	G152HRP	\$4.05
3" and 4"	G34HRP	7.10
6" and 8"	G600HRP	15.75

For Stainless Steel Global Couplers



investment stainless

Fits on sizes	Investment Stainless	
	Part #	Price/E
3/4"	G75HRPSS	\$4.15
1"	G100HRPSS	4.00
1 1/4" - 2 1/2"	G125250HRPSS	9.35
3" and 4"	G300400HRPSS	9.35
6"	G600HRPSS	20.25

Safety Clip for Global Couplers

Zinc Plated Carbon Steel	
Part #	Price/E
GSAFETYCLIP	\$0.40



Global Type DD Spool Couplers

C



Size	A380 Permanent Mold AL		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
2"	G200-DD-AL	\$53.95	G200-DD-SS	\$129.55
3"	G300-DD-AL	75.45	G300-DD-SS	193.50
4"	G400-DD-AL	103.85	---	---

Global Type AA Spool Adapters



G300-AA-AL

Size	A380 Permanent Mold AL		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
1"	G100-AA-AL	\$8.55	---	---
1½"	G150-AA-AL	25.00	---	---
2"	G200-AA-AL	21.60	G200-AA-SS	\$105.60
3"	G300-AA-AL	50.40	G300-AA-SS	183.35
4"	G400-AA-AL	65.80	---	---



G2030-AA-AL

jump size male spool adapter

Size	A380 Permanent Mold Aluminum	
	Part #	Price/E
1½" x 2"	G1520-AA-AL	\$32.40
2" x 3"	G2030-AA-AL	49.75
3" x 4"	G3040-AA-AL	71.10

Global Jump Size Cam and Groove

male adapter x female NPT



G3020-C-AL

Size	A380 Permanent Mold Aluminum	
	Part #	Price/E
3" x 2"	G3020-A-AL	\$42.30
4" x 3"	G4030-A-AL	52.30

female coupler x hose shank



G3020-DA-AL

Size	A380 Permanent Mold Aluminum	
	Part #	Price/E
3" x 2"	G3020-C-AL	\$52.95
4" x 3"	G4030-C-AL	68.20

female coupler x male adapter



G3020-E-AL

Size	A380 Permanent Mold Aluminum	
	Part #	Price/E
3" x 2"	G3020-DA-AL	\$58.05
4" x 3"	G4030-DA-AL	83.70
5" x 4"	G5040-DA-AL	123.60

male adapter x hose shank

Size	A380 Permanent Mold Aluminum	
	Part #	Price/E
3" x 2"	G3020-E-AL	\$27.85
4" x 3"	G4030-E-AL	57.30

Polypropylene Adapters



NOT recommended for use with PTFE gaskets

C

Features:

- manufactured from a glass-filled polypropylene
- maximum operating pressure: **125 PSI** (½" - 1"), **100 PSI** (1¼" - 2") and **75 PSI** (3" - 4"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F** with standard seal installed
- ½" couplers and adapters will interchange with ¾" couplers and adapters, only the threads and barbs are ½"
- 1¼" couplers and adapters will interchange with 1½" couplers and adapters, only the threads and barbs are 1¼"
- polypropylene cam and groove should not be mixed with metal fittings

type A

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPA50	\$5.20	24
¾"	PPA75	5.20	24
1"	PPA100	5.65	24
1½" x 1¼"	PPA125	5.85	24
1½"	PPA150	6.30	24
2"	PPA200	7.45	24
3"	PPA300	16.70	24
4"	PPA400	27.50	8



male adapter x female NPT

type F

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPF50	\$5.70	24
¾"	PPF75	5.70	24
1"	PPF100	6.45	24
1½" x 1¼"	PPF125	6.50	24
1½"	PPF150	6.55	24
2"	PPF200	9.00	24
3"	PPF300	21.25	24
4"	PPF400	27.50	8



male adapter x male NPT

type E

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPE50	\$5.70	24
¾"	PPE75	5.70	24
1"	PPE100	6.45	24
1½" x 1¼"	PPE125	6.50	24
1½"	PPE150	6.55	24
2"	PPE200	8.60	24
3"	PPE300	21.25	24
4"	PPE400	27.50	8



male adapter x hose shank

type P¹

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾"	PPP75	\$5.20	24
1"	PPP100	5.65	24
1½"	PPP150	6.25	24
2"	PPP200	8.35	24
3"	PPP300	16.70	24
4"	PPP400	22.00	8



dust plug¹



4" plug has a different design



¹ Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

Polypropylene Adapter Elbows

Features:

- maximum operating pressure: **100 PSI** (1½" - 2"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F** with standard seal installed



- manufactured from a glass-filled polypropylene
- for use at elevated temperatures or other unusual operating conditions, consult Dixon

90° Elbow x FNPT

Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	90PPA150	\$10.40	24
2"	90PPA200	11.10	24



male adapter x female NPT

90° Elbow x MNPT

Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	90PPF150	\$12.00	24
2"	90PPF200	12.50	24



male adapter x male NPT

Polypropylene Couplers



NOT recommended for use with PTFE gaskets

C

Features:

- manufactured from a glass-filled polypropylene
- supplied with EPDM gaskets, 304 stainless steel handles and pins
- polypropylene cam and groove should not be mixed with metal fittings
- maximum operating pressure: **125 PSI** (½" - 1"), **100 PSI** (1¼" - 2") and **75 PSI** (3" - 4"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F** with standard seal installed
- ½" couplers and adapters will interchange with ¾" couplers and adapters, only the threads and barbs are ½"
- 1¼" couplers and adapters will interchange with 1½" couplers and adapters, only the threads and barbs are 1¼"

type D

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPD50	\$14.10	24
¾"	PPD75	14.10	24
1"	PPD100	16.00	24
1½" x 1¼"	PPD125	19.20	24
1½"	PPD150	19.00	24
2"	PPD200	22.50	24
3"	PPD300	37.00	24
4"	PPD400²	72.50	8



female coupler x female NPT

type B

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPB50	\$14.10	24
¾"	PPB75	14.10	24
1"	PPB100	16.00	24
1½" x 1¼"	PPB125	19.20	24
1½"	PPB150	19.00	24
2"	PPB200	22.50	24
3"	PPB300	37.00	24
4"	PPB400²	72.50	8



female coupler x male NPT

type C

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	PPC50	\$14.10	24
¾"	PPC75	14.10	24
1"	PPC100	16.00	24
1½" x 1¼"	PPC125	19.20	24
1½"	PPC150	19.00	24
2"	PPC200	22.50	24
3"	PPC300	37.00	24
4"	PPC400²	72.50	8



female coupler x hose shank



dust cap¹



4" cap has 3 handles

type H¹

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾"	PPH75	\$13.60	24
1"	PPH100	15.50	24
1½"	PPH150	19.00	24
2"	PPH200	22.50	24
3"	PPH300	37.00	24
4"	PPH400²	52.75	8

locking handle pictured is only available in 1¼" thru 2"



¹ Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

² 4" coupler has 3 handles

Polypropylene Coupler Elbows

Features:

- manufactured from a glass-filled polypropylene
- supplied with EPDM gaskets, 304 stainless steel handles and pins
- maximum operating pressure: **100 PSI** (1½" - 2"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F** with standard seal installed



• for use at elevated temperatures or other unusual operating conditions, consult Dixon.

90° Elbow x FNPT

Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	90PPD150	\$22.20	24
2"	90PPD200	26.25	24



female coupler x female NPT

90° Elbow x Hose Shank

Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	90PPC150	\$22.20	24
2"	90PPC200	26.25	24



female coupler x hose shank

Replacement Parts for Polypropylene Cam & Groove Handles

Used on sizes	430 Stainless Steel	
	Part #	Price/E
1/2"	61594	\$4.40
3/4"	61594	4.40
1"	61594	4.40
1 1/4"	61595	6.05
1 1/2"	61595	6.05
2"	61595	6.05
3"	61596	10.10
4"	61596	10.10



1/4", 1/2", 2"



1/2", 3/4", 1", 3", 4"

C

Gaskets

Used on sizes	EPDM	
	Part #	Price/E
1/2"	61570	\$1.20
3/4"	61570	1.20
1"	61571	1.20
1 1/4"	61572	1.85
1 1/2"	61572	1.85
2"	61574	2.10
3"	61575	2.30
4"	62797	9.40



Key Rings

Used on sizes	304 Stainless Steel	
	Part #	Price/E
1/2"	61589	\$1.40
3/4"	61589	1.40
1"	61589	1.40
1 1/4"	61589	1.40
1 1/2"	61589	1.40
2"	61589	1.40
3"	61589	1.40
4"	61589	1.40



Cam Handle Pins

Used on sizes	304 Stainless Steel	
	Part #	Price/E
1/2"	61582	\$1.30
3/4"	61582	1.30
1"	61582	1.30
1 1/4"	61585	1.90
1 1/2"	61585	1.90
2"	61585	1.90
3"	61584	2.75
4"	61584	2.75



Safety Clips

Used on sizes	304 Stainless Steel	
	Part #	Price/E
1 1/4"	63545	\$1.10
1 1/2"	63545	1.10
2"	63545	1.10



Safety Break-away Coupling - Breaking Bolt Series Marine Version

Applications:

- designed to minimize spillage and damage associated with pull-away incidents
- typical applications include: ship-to-offshore platform and ship-to-ship product transfer operations
- **designed to be installed within a hose string where the coupling will have a length of hose attached to both sides**

Features:

- coupling automatically senses an excessive load, closes the valves and disconnects, release is executed when force causes bolts to break
- working pressure: **360 PSI** at ambient temperature (70°F)
- 316T1 stainless steel body with FKM (FPM) O-rings
- female NPT is standard, optional ANSI / DIN flanges or male NPT are available



Size	Width	Length	Weight in Lbs.	Flow Rate/GPM
2"	4.5"	7"	5.7	200
3"	6.8"	11"	18.8	650
4"	8.3"	12"	34.1	800
5"	10.6"	14"	71	1100
6"	12"	16"	101	1500
8"	13.5"	17.7"	157	3700

Female NPT x Female NPT



Size	DN Size	316 Stainless Steel Part #	Price/E
2"	50	MSBC200SS	\$4400.20
3"	80	MSBC300SS	7781.65
4"	100	MSBC400SS	11958.30
5"	125	MSBC500SS	21927.00

Male NPT x Male NPT



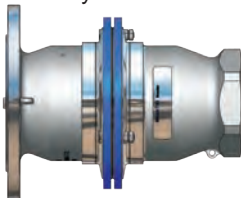
Size	DN Size	316 Stainless Steel Part #	Price/E
2"	50	MSBC200SSMNPT	\$4408.00
3"	80	MSBC300SSMNPT	8238.40
4"	100	MSBC400SSMNPT	11716.00
5"	125	MSBC500SSMNPT	21927.00
6"	150	MSBC600SSMNPT	42640.00

150# Flange x 150# Flange

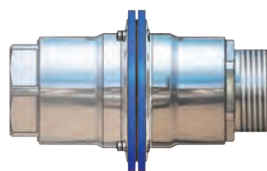


Size	DN Size	316 Stainless Steel Part #	Price/E
2"	50	MSBC200SSFL	\$6212.80
3"	80	MSBC300SSFL	12722.00
4"	100	MSBC400SSFL	19406.00
5"	125	MSBC500SSFL	24142.00
6"	150	MSBC600SSFL	38693.00
8"	200	MSBC800SSFL	87475.00

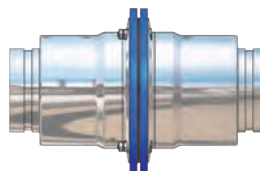
Industrial and marine safety break-away couplings are also available in BSP thread, DN Flange, 300# ASA Flange, Grooved Ends or any combination thereof, contact Dixon for more information.



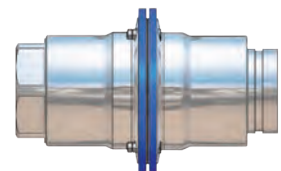
flange / thread
(BSP/NPT female / male or grooved)



NPT female thread / NPT male thread
(also available with BSP)



grooved / grooved



NPT female thread / grooved

Safety Break-away Coupling - Breaking Bolt Series Industrial Version

Application:

- designed to minimize spillage and damage associated with pull-away incidents
- typical applications: loading rack
- **designed to be installed between a fixed point (pipe, pump, manifold) and a hose**

Features:

- coupling automatically senses an excessive load, closes the valves and disconnects
- high flow rate / low pressure drop
- working pressure: stainless steel **360 PSI** and aluminum **230 PSI** at ambient temperature (70°F)
- FKM (FPM) is standard seal
- female NPT is standard, optional ANSI / DIN flanges or male NPT are available



Size	Width	Length	Weight in Lbs.		Flow Rate/GPM
			Stainless	Aluminum	
2"	4.5"	7"	5	3	200
3"	6.8"	11"	18	8	650
4"	8.3"	12"	34	14	800
5"	10.6"	14"	71	27	1100
6"	12"	16"	101	35	1500
8"	13.5"	17.7"	157	66	3700

Female NPT x Female NPT

Size	DN Size	316 Stainless Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
2"	50	SBC200SS	\$3667.85	SBC200AL	\$1711.90
3"	80	SBC300SS	6484.90	SBC300AL	3324.85
4"	100	SBC400SS	9960.10	SBC400AL	5085.10
5"	125	SBC500SS	18798.00	SBC500AL	11746.00
6"	150	SBC600SS	33608.90	SBC600AL	24709.70



Male NPT x Male NPT

Size	DN Size	316 Stainless Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
2"	50	SBC200SSMNPT	\$3850.80	SBC200ALMNPT	\$1891.30
3"	80	SBC300SSMNPT	7044.00	SBC300ALMNPT	3610.70
4"	100	SBC400SSMNPT	10818.00	SBC400ALMNPT	5523.40
5"	125	SBC500SSMNPT	19352.00	SBC500ALMNPT	10744.00
6"	150	SBC600SSMNPT	36453.00	SBC600ALMNPT	24043.00



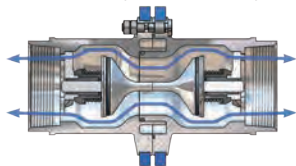
150# Flange x 150# Flange

Size	DN Size	316 Stainless Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
2"	50	SBC200SSFL	\$5181.35	SBC200ALFL	\$3512.40
3"	80	SBC300SSFL	10602.00	SBC300ALFL	4512.70
4"	100	SBC400SSFL	16172.00	SBC400ALFL	5576.30
5"	125	SBC500SSFL	21566.00	SBC500ALFL	12832.00
6"	150	SBC600SSFL	35420.00	SBC600ALFL	25912.00
8"	200	SBC800SSFL	76732.20	---	---



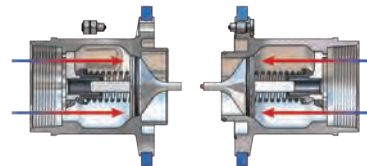
How it Works

Safety break-away couplings have three external break bolts. In the case of axial tension all of the bolts take up the force corresponding to the break force on the hose with a safety margin. Non-axial forces concentrate the tension forces more strongly on one bolt, so that the safety break-away coupling reacts in a natural way to the reduction of the hose break forces.



BEFORE emergency disconnect

The safety break-away valve consists of two halves, each with a valve that has a O-ring seal.



AFTER emergency disconnect

When the safety break-away couplings separate, it allows the valves to close. The two valves close rapidly, minimizing exposure to personnel and the environment.

Optional Non-Closure Design

The non-closure design is an economical alternative which allows the coupling to break away due to pull-away/drive-away incidents thus protecting piping systems and equipment. This design allows spillage of product in these instances due to the lack of valving in the coupling. Useful in applications where non-hazardous product is being conveyed and where there are no environmental concerns. Available in both Industrial and Marine versions. Consult Dixon for more information.

Dry Disconnect Couplings

D



Applications:

- used by producers of ink, adhesives, fatty acids, pharmaceuticals, liquid soaps, petroleum, chemicals, agricultural and a wide variety of common caustic and specialty acids
- designed for the quick and spill free connection and disconnection of hoses and pipelines

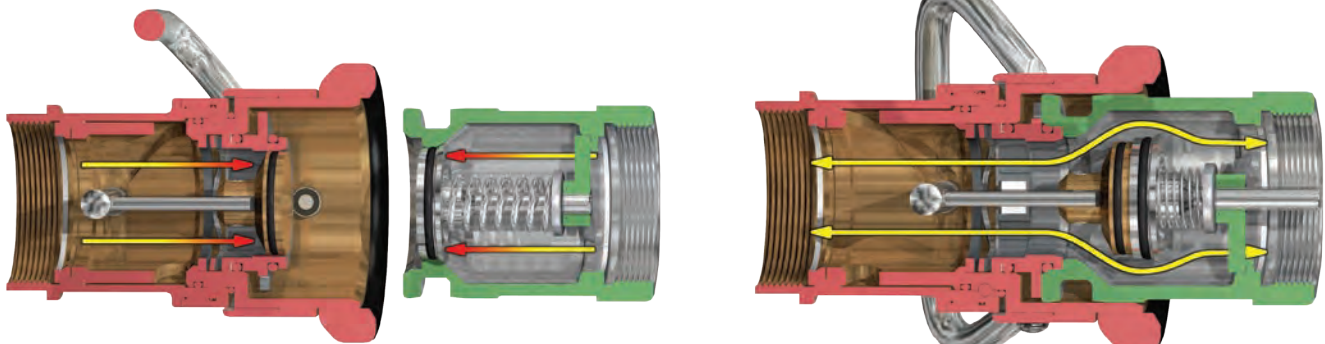
Features:

- easy to handle - push and turn - free flow, turn and pull - closed
- time saving - no need to drain hoses or pipe systems
- economical - no loss or spillage of liquids at connection or disconnection
- safety - the valve cannot be opened until the unit is coupled
- environmental friendly - accidental spillage eliminated when proper used
- safe and reliable - due to rugged construction
- product life - uncomplicated design and high quality materials ensures long product life
- selectivity - To avoid product contamination caused by connecting a coupler to the wrong adapter, selective versions of the adapters are available. Contact Dixon for further information.
- produced according to NATO standard STANAG 3756 and ATOFINA SGM 2049.TUY.C.
- working pressure (at ambient temperature (70°F):
 - aluminum: **300 PSI**, up to 4"
 - brass/ gunmetal¹: **300 PSI**, up to 4"
 - stainless steel: **360 PSI**
- optional seals:
 - EPDM
 - NBR - nitrile
 - Kalrez®
 - Chemraz®
 - FFKM
- seal kits are available
- interchanges with Avery Hardoll and Todo-matic®

¹ produced to US government bronze specification G

How it Works

The principle of operation is identical for all sizes of couplings.



Closed:

- Turn and pull
it's released - no spillage

Open:

- Push and turn
it's coupled - full flow

Dry Quick Disconnect Couplers

Features:

- coupler has built-in swivel
- stainless steel ball bearings
- stainless steel shaft journal embedded in PTFE to eliminate seizure
- riveted piston pin to minimize the risk for failure under extreme pressure conditions
- the protective ring is a specially formulated, weather resistant and electrically conductive rubber compound
- all wetted parts are stainless steel
- stainless steel couplers: rollers are Hastelloy C276 on the stainless steel shaft
- aluminum and brass couplers: rollers are aluminum-bronze on the stainless steel shaft
- Composite (Polyeten PE-HD 300) plugs to provide very good protection against corrosion and withstand hot and cold environments.



Coupler - Hose Unit



coupler x female NPT with FKM (FPM) seals

Female NPT	Body Size	316 Stainless Steel		Aluminum		Brass / Gunmetal ¹	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	56 mm	DDC075SS	\$2197.65	DDC075AL	\$1147.30	DDC075BR	\$1606.80
1"	56 mm	DDC100SS	2197.65	DDC100AL	1147.30	DDC100BR	1606.80
1 1/2"	70 mm	DDC150SS	3378.10	DDC150AL	1667.50	DDC150BR	2002.35
2"	70 mm	DDC200SS	3378.10	DDC200AL	1667.50	DDC200BR	2002.35
3"	105 mm	DDC300SS105	5855.10	DDC300AL105	1869.60	DDC300GM105	2649.70
3"	119 mm	DDC300SS	5884.20	DDC300AL	1885.50	DDC300GM	2957.05
4"	164 mm	DDC400SS	10138.40	DDC400AL	3958.40	DDC400GM	5372.75
6"	238 mm	DDC600SS	26951.50	DDC600AL	16356.30	---	---

¹ produced to US government bronze specification G

coupler x 150# ASA flange with FKM (FPM) seals

150# Flange	Body Size	316 Stainless Steel	
		Part #	Price/E
2"	70 mm	DDC200SSFL	\$5280.30
3"	119 mm	DDC300SSFL	8185.50
4"	164 mm	DDC400SSFL	12896.15
6"	238 mm	DDC600SSFL	26951.50
8"	272 mm	DDC800SSFL	98020.00



coupler x TTMA flange with FKM (FPM) seals

TTMA Flange	Body Size	Aluminum	
		Part #	Price/E
4"	164 mm	DDC400AL164TTMA	\$5141.00



Dust Plugs for Couplers

Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
3/4" and 1"	56 mm	DDDP075	\$108.40
1 1/2" and 2"	70 mm	DDDP150	112.40
3"	105 mm	DDDP300105	116.00
3"	119 mm	DDDP300	116.00
4"	164 mm	DDDP400	232.40
6"	238 mm	DDDP600¹	700.00

¹ 6" dust plug is aluminum



Dry Quick Disconnect Adapters

Application:

- usually installed on the tank or manifold

Features:

- conical valve seat reduces the risk for piston blow out
- PTFE bearing between piston shaft and guide eliminates risk of seizure
- aluminum adapter: aluminum poppet, stainless steel internal parts
- stainless steel adapter: stainless steel poppet, stainless steel internal parts
- brass / gunmetal ¹ adapter: brass poppet, brass and stainless steel internal parts
- available in female NPT, 150# ASA flange or TTMA
- composite (Polyeten PE-HD 300) cap to provide good protection in harsh environments
- FKM (FPM) gaskets standard on polyeten caps

D

Adapter - Tank Unit

adapter x female NPT with FKM (FPM) seals

Female NPT	Body Size	316 Stainless Steel		Aluminum		Brass / Gunmetal ¹	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	56 mm	DDA075SS	\$800.10	DDA075AL	\$576.70	DDA075BR	\$654.40
1"	56 mm	DDA100SS	800.10	DDA100AL	576.70	DDA100BR	654.40
1½"	70 mm	DDA150SS	1185.80	DDA150AL	526.95	DDA150BR	592.40
2"	70 mm	DDA200SS	1185.80	DDA200AL	526.95	DDA200BR	592.40
3"	105 mm	DDA300SS105	1639.50	DDA300AL105	637.60	DDA300GM105	855.50
3"	119 mm	DDA300SS	1558.60	DDA300AL	652.05	DDA300GM	896.50
4"	164 mm	DDA400SS	2941.45	DDA400AL	1283.95	DDA400GM	2017.00
6"	238 mm	DDA600SS	11513.70	DDA600AL	7465.20	---	---



female NPT x adapter



150# flange x adapter



TTMA flange x adapter

adapter x 150# ASA flange with FKM (FPM) seals

150# Flange	Body Size	316 Stainless Steel		Aluminum		Brass / Gunmetal ¹	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	56 mm	DDA075SSFL	\$1489.10	---	---	---	---
1"	56 mm	DDA100SSFL	1489.10	DDA100ALFL	\$1024.95	DDA100BRFL	\$1164.90
1½"	70 mm	DDA150SSFL	1568.85	DDA150ALFL	814.65	DDA150BRFL	1144.50
2"	70 mm	DDA200SSFL	1568.85	DDA200ALFL	814.65	DDA200BRFL	1144.50
3"	105 mm	DDA300SS105FL	1725.65	DDA300AL105FL	947.15	DDA300GM105FL	1255.25
3"	119 mm	DDA300SSFL	2128.65	DDA300ALFL	1076.30	DDA300GMFL	1368.45
4"	164 mm	DDA400SSFL	3565.35	DDA400ALFL	1510.35	DDA400GMFL	2459.10
6"	238 mm	DDA600SSFL	11513.70	DDA600ALFL	5318.55	---	---
8"	272 mm	DDA800SSFL	42008.00	---	---	---	---

¹ produced to US government bronze specification G

adapter x TTMA flange with FKM (FPM) seals

TTMA Flange	Body Size	Aluminum	
		Part #	Price/E
3"	105 mm	DDA300AL105TTMA	\$976.20
3"	119 mm	DDA300AL119TTMA	1076.30
4"	164 mm	DDA400AL164TTMA	1510.35

Dust Caps for Adapters



dust cap - composite



dust cap - rubber

Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
¾" and 1"	56 mm	DDDC075	\$175.80
1½" and 2"	70 mm	DDDC150	192.55
3"	105 mm	DDDC300105	212.60
3"	119 mm	DDDC300	236.40
4"	164 mm	DDDC400	444.70
6"	238 mm	DDDC600 ¹	1650.55

¹ 6" dust cap is aluminum

Size	Body Size	Rubber	
		Part #	Price/E
2"	71 mm	DGDC200	\$100.85
3"	119 mm	DGDC300	119.60

Dry Aviation Couplings

Applications:

- designed for use in aviation refueling systems

Features:

- body: high strength aluminum
- coupling ring: gunmetal (*procuded to U.S. government bronze specification G*)
- bayonet flange and inner parts: stainless steel, aluminum
- all wetted parts are aluminum and stainless steel
- working pressure: **150 PSI** at ambient temperature (70°F)
- composite (Polyeten PE-HD 300) plug to provide good protection in harsh environments
- accepts international standard 2½" point bayonet, hose end refueling nozzles according to: ISO45 / MS24484 / STANAG 3105 / British Aerospace Spec. 2C14, **they are not configured for under-wing refueling**



Coupler - Hose Unit

Features:

- stainless steel ball bearings
- gunmetal coupling ring minimizes the risk of seizure
- stainless steel shaft journal embedded in PTFE to eliminate seizure
- PTFE bearings between the driving plate and the piston guide eliminate the risk of seizure
- riveted piston pin minimizes the risk of failure under extreme pressure conditions
- the protective ring is a specially formulated, weather resistant and electrically conductive rubber compound

coupler x female NPT with FKM (FPM) seals

Female NPT	Body Size	Aluminum	
		Part #	Price/E
2½"	ISO 45	DAC250AL	\$2204.90
3"	ISO 45	DAC300AL	2204.90



female thread x coupler

coupler x female BSP with FKM (FPM) seals

Female BSP	Body Size	Aluminum	
		Part #	Price/E
2½"	ISO 45	DAC250ALBSP	\$2204.90
3"	ISO 45	DAC300ALBSP	2204.90

Sight Flow Indicator with Filter / Screen

Features:

- filter / screen can be inspected through the sight glass and is easily removed if cleaning is required
- screen is 100 mesh

aviation sight flow indicator with filter / screen

Female Thread	Male Thread	Aluminum	
		Part #	Price/E
2½" NPT	2½" BSP	ASFI25T25B	\$1313.75
3" NPT	3" BSP	ASFI30T30B	1313.75
2½" NPT	2½" NPT	ASFI25T25T	1313.75
3" NPT	3" NPT	ASFI30T30T	1313.75



Dust Plug for Couplers

Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
2½"	ISO 45	DADP250	\$272.85



Dry Aviation Couplings

Application:

- designed for use in aviation refueling systems

Features:

- body: high strength aluminum
- coupling ring: gunmetal
- bayonet flange and inner parts: stainless steel, aluminum
- all wetted parts are in aluminum and stainless steel
- working pressure: **150 PSI** at ambient temperature (70°F)
- composite (Polyeten PE-HD 300) cap to provide good protection in harsh environments
- accepts international standard 2½" point bayonet hose end refueling nozzles according to: ISO45 / MS24484 / STANAG 3105 / British Aerospace Spec. 2C14, **not configured for under-wing refueling**

D

Adapter - Tank Unit

Features:

- gunmetal coupling ring minimizes the risk of seizure
- PTFE bearings between the piston shaft and the piston guide eliminate the risk of seizure
- conical valve seat eliminates the risk of piston blow out when extreme pressure is used



female thread x adapter

adapter x female NPT with FKM (FPM) seals

Female NPT	Body Size	Aluminum	
		Part #	Price/E
2½"	ISO 45	DAA250AL	\$1305.50
3"	ISO 45	DAA300AL	1305.50



150# flange x adapter

adapter x 150# ASA flange with FKM (FPM) seals

150# Flange	Body Size	Aluminum	
		Part #	Price/E
2½"	ISO 45	DAA250ALFL	\$1513.05
3"	ISO 45	DAA300ALFL	1513.05


Dust Cap for Adapters



Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
2½"	ISO 45	DADC250	\$186.90

Dry Break Cam and Groove Dry Disconnect Couplers

Features:

- automatic closing poppet assembly
- must be used with a DBA style adapter for coupler to operate, sold separately 
- fully interchangeable with Kamvalok (OPW trademark) fittings
- maximum operating pressure at 70°F:
 - 1½" - 210 PSI
 - 2" - 150 PSI
 - 3" - 120 PSI
- aluminum fittings have stainless internals comparable to 304 stainless
- stainless handle allows exposure to corrosive chemicals or wash down service
- heavy duty handle attachment prevents bending of crank assembly
- one piece stainless crank and link provide long service life
- 1½" and 2" sizes have EZ Boss-Lock cam arms - prevent accidental opening caused by vibration or snagging
- 3" has large paddle type cam arms allowing an easy grip



coupler x female NPT

Female NPT	Coupler Size	Seal	Aluminum		Stainless Steel ¹	
			Part #	Price/E	Part #	Price/E
1½"	2"	Buna	DBC61-150	\$753.40	DBC71-150	\$1668.00
2"	2½"		DBC61-200	792.55	DBC71-200	1855.75
3"	4"		DBC61-300	1650.70	DBC71-300	3983.20
1½"	2"	FKM	DBC62-150	816.85	DBC72-150	1731.90
2"	2½"		DBC62-200	887.90	DBC72-200	1951.65
3"	4"		DBC62-300	1842.45	DBC72-300	4194.95
1½"	2"	PTFE Encapsulated Silicone & FFPM	DBC63-150	1853.75	DBC73-150	2427.10
2"	2½"		DBC63-200	2124.15	DBC73-200	2838.60
3"	4"		DBC63-300	3413.85	DBC73-300	5627.20
1½"	2"	EPT	DBC64-150	1174.65	DBC74-150	1731.90
2"	2½"		DBC64-200	1303.75	DBC74-200	1951.65
3"	4"		DBC64-300	2115.95	DBC74-300	4194.95
1½"	2"	FFPM and PTFE ²	---	---	DBC76-150	5193.75
2"	2½"		DBC66-200	4888.10	DBC76-200	5633.25
3"	4"		---	---	DBC76-300	11649.90
1½"	2"	PTFE Encapsulated FKM & FFPM	---	---	DBC77-150	2486.25
2"	2½"		---	---	DBC77-200	2455.65
3"	4"		---	---	DBC77-300	5215.75
3"	4"	FKM-B	DBC69-300	2223.30	DBC79-300	4592.50



coupler x 1½" and 2" female NPT



coupler x 3" female NPT

greaseless coupler x female NPT

Female NPT	Coupler Size	Seal	Stainless Steel ¹	
			Part #	Price/E
1½"	2"	PTFE Encapsulated	DBC77-150-GL	\$2764.70
2"	2½"	FKM & FFPM	DBC77-200-GL	2950.45

¹ stainless steel corrosion resistance is comparable to 304 stainless steel
² FFPM gasket, main seal O-ring and handle O-ring, PTFE seals on cylinder assembly, stuffing box, and seal under poppet screw

coupler x 90° swivel female NPT

Female NPT	Coupler Size	Seal	Aluminum	
			Part #	Price/E
2"	2½"	Buna	DBS61-200	\$960.85
2"	2½"	FKM	DBS62-200	1108.30
2"	2½"	PTFE Encapsulated FKM & FFPM	DBS63-200	2251.45



Dust Plugs for Couplers

Size	Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	G200-DP-AL	\$6.55	G200-DP-SS	\$33.55
2½"	G250-DP-AL	9.70	G250-DP-SS	60.10
4"	G400-DP-AL	17.50	G400-DP-SS	86.85



Locking Kits for Couplers

Description	Aluminum	
	Part #	Price/E
for use with 1½" and 2" dry disconnect couplers	DBCL-200	\$182.85
for use with 3" dry disconnect couplers	DBCL-300	182.85



DBCL-200

Dry Break Cam and Groove Dry Disconnect Couplings Adapters

Features:

- compatible with most cam and groove style dry disconnects
- helps prevent spillage from normal or accidental disconnects
- spring loaded sealing device snaps closed should valve become disconnected with the poppet open
- contact Dixon at 800-355-1991 for chemical compatibility, size, material selection and special configurations

D

Features:

- two-piece adapter design for easy rebuilding of adapters
- fully interchangeable with Kamvalok (OPW trademark) style fittings
- aluminum fittings have aluminum nose piece and brass piston
- for pressure ratings at other temperatures, contact Dixon

adapter x female NPT

Female NPT	Adapter Size	Seal	Max PSI at 70°	Aluminum		Stainless Steel ¹	
				Part #	Price/E	Part #	Price/E
1½"	2"	Buna	210	<i>DBA11-150</i>	\$205.70	<i>DBA71-150</i>	\$500.90
2"	2½"		150	<i>DBA11-200</i>	222.95	<i>DBA71-200</i>	573.85
3"	4"		120	<i>DBA11-300</i>	435.55	<i>DBA71-300</i>	1284.45
1½"	2"	FKM	210	<i>DBA12-150</i>	210.10	<i>DBA72-150</i>	500.90
2"	2½"		150	<i>DBA12-200</i>	229.40	<i>DBA72-200</i>	643.75
3"	4"		120	<i>DBA12-300</i>	449.45	<i>DBA72-300</i>	1302.45
1½"	2"	PTFE Encapsulated Silicone	210	<i>DBA63-150</i>	276.85	<i>DBA73-150</i>	506.35
2"	2½"		150	<i>DBA63-200</i>	319.60	<i>DBA73-200</i>	648.15
3"	4"		120	<i>DBA63-300</i>	479.45	<i>DBA73-300</i>	1510.20
1½"	2"	EPT	210	<i>DBA64-150</i>	255.70	<i>DBA74-150</i>	519.40
2"	2½"		150	<i>DBA64-200</i>	291.70	<i>DBA74-200</i>	573.85
3"	4"		120	<i>DBA64-300</i>	559.30	<i>DBA74-300</i>	1416.25
1½"	2"	FFPM	210	<i>DBA66-150</i>	878.90	<i>DBA76-150</i>	1174.60
2"	2½"		150	<i>DBA66-200</i>	1084.05	<i>DBA76-200</i>	1298.45
3"	4"		120	<i>DBA66-300</i>	1877.70	<i>DBA76-300</i>	2876.40
1½"	2"	PTFE Encapsulated FKM	210	---	---	<i>DBA77-150</i>	557.35
2"	2½"		150	---	---	<i>DBA77-200</i>	679.20
3"	4"		120	---	---	<i>DBA77-300</i>	1376.35
3"	4"	FKM-B	120	<i>DBA69-300</i>	687.20	---	---



adapter x 1½" and 2" female NPT



adapter x 3" female NPT

jump size adapter x female NPT

Female NPT	Adapter Size	Seal	Max PSI at 70°	Aluminum	
				Part #	Price/E
2"	2"	Buna	150	<i>DBA11-1520</i>	\$214.75
2"	2"	FKM	150	<i>DBA12-1520</i>	224.15

adapter x 150# ASA flange

Flange Size	Adapter Size	Body Size	Seal	Max PSI at 70°	Stainless Steel ¹	
					Part #	Price/E
2"	2"	1½"	FKM	150	<i>DBAF72-1520</i>	\$1172.35
		1½"	PTFE Encapsulated Silicone		<i>DBAF73-1520</i>	1184.00
		1½"	EPT		<i>DBAF74-1520</i>	1184.00
		1½"	FFPM		<i>DBAF76-1520</i>	1717.55
2"	2½"	2"	FKM	150	<i>DBAF72-200</i>	1210.85
		2"	PTFE Encapsulated Silicone		<i>DBAF73-200</i>	1221.10
		2"	EPT		<i>DBAF74-200</i>	1221.10
		2"	FFPM		<i>DBAF76-200</i>	1928.50
3"	4"	3"	FKM	120	<i>DBAF72-300</i>	1928.60
		3"	PTFE Encapsulated Silicone		<i>DBAF73-300</i>	2010.15
		3"	EPT		<i>DBAF74-300</i>	2010.15
		3"	FFPM		<i>DBAF76-300</i>	3175.10



vapor adapter x female thread

Female NPSM	Adapter Size	Seal	Max PSI at 70°	Stainless Steel ¹	
				Part #	Price/E
2"	3"	PTFE	150	<i>DBAV73-2030</i>	\$685.45



¹ stainless steel corrosion resistance is comparable to 304 stainless steel

Dust Cap for Adapters

Size	Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	<i>G200-DC-AL</i>	\$12.40	<i>G200-DC-SS</i>	\$56.90
2½"	<i>G250-DC-AL</i>	20.70	<i>G250-DC-SS</i>	78.45
4"	<i>G400-DC-AL</i>	29.25	<i>G400-DC-SS</i>	126.05



Cam and Groove Actuator Style Couplers

Applications:

- suited for vapor recovery, suction pump line and other applications where it is necessary to easily drain the hose or pipe for cleaning
- can also be used when product retention in a hose or pipe is desired and damage from accidental spill from an open coupler is not a concern
- couplers work with the DBA (Dry Break Cam and Groove) popped adapters on page 92 in applications where automatic closure for the coupler is not desired

Features:

- 316 stainless steel body
- 304 stainless steel internal components
- EZ Boss-Lock cam arms
- stainless steel locking lever standard
- available with Buna, FKM, FKM-B, EPDM, FFPM, PTFE encapsulated silicone and PTFE encapsulated FKM seals
- use with standard cam and groove dust plugs sized one size larger than the dry disconnect size
- prevents spillage from normal and accidental disconnection of the connection
- replacement parts are available, contact Dixon for more information

Female NPT	Coupler Size	Seal Material	Stainless Steel	
			Part #	Price/E
1½"	2"	Buna	D2C71-150	\$1030.85
2"	2½"		D2C71-200	1135.10
1½"	2"	FKM	D2C72-150	1051.40
2"	2½"		D2C72-200	1156.90
1½"	2"	PTFE Encapsulated Silicone	D2C73-150	1272.75
2"	2½"		D2C73-200	1347.35
1½"	2"	EPDM	D2C74-150	1030.85
2"	2½"		D2C74-200	1135.10
1½"	2"	PTFE Encapsulated FKM	D2C77-150	1272.75
2"	2½"		D2C77-200	1347.35
1½"	2"	FKM-B	D2C79-150	1102.90
2"	2½"		D2C79-200	1214.60



Dry Gas Couplings

Applications:

- Designed for safe loading and discharge of bobtails or intermediate bulk delivery trucks and transfer to and from rail cars. Quick and easy to connect, can be connected to a tank unit with pressures up to **225 PSI** at ambient temperature (70°F). If the pressure is higher you can equip the couplings with a pressure relief valve. The easy to connect pressure relief valve dissipates trapped fluid pressure into the hose coupler without spillage. The primary application for dry gas couplings is in the handling of LPG - Propane and Butane.

D

Features:

- safe handling of LPG
- easy to use and saves time
- reliable and easy to maintain
- can be coupled to a tank unit with pressures up to 225 PSI
- minimizes the risk of cold burns
- minimizes spillage and product loss
- minimizes health risks
- keeps the environment free of hazardous vapors and liquids
- compatible with existing dry disconnect couplings
- stainless steel and brass / gunmetal (*produced to US government bronze specification G*)
- FKM (FPM) seals
- female NPT, female ACME and ASA flanges
- working pressure: **360 PSI** at ambient temperature (70°F)
- composite (Polyeten PE-HD 300) plug to provide good protection in harsh environments

Coupler - Hose Unit

coupler x female NPT with FKM (FPM) seals



Female NPT	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGC100SS	\$2783.10
2"	71 mm	DGC200SS	4193.15
3"	119 mm	DGC300SS	5918.45

Dust Plugs for Couplers



Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
1"	56 mm	DGDP100	\$100.85
2"	71 mm	DGDP200	115.90
3"	119 mm	DGDP300	115.90

Adapter - Tank Unit

adapter x female NPT with FKM (FPM) seals



female NPT x adapter

Female NPT	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGA100SS	\$999.20
2"	71 mm	DGA200SS	1301.95
3"	119 mm	DGA300SS	1439.95

adapter x female ACME thread with FKM (FPM) seals



female Acme x adapter

Female ACME	Body Size	316 Stainless Steel	
		Part #	Price/E
1 3/4"	56 mm	DGA100SS175	\$1217.25
3 1/4"	71 mm	DGA200SS325	1612.80

adapter x 150# ASA flange with FKM (FPM) seals



150# flange x adapter

150# Flange	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGA100SSFL	\$1637.70
2"	71 mm	DGA200SSFL	1742.80
3"	119 mm	DGA300SSFL	2010.60

Dust Caps for Adapters



Size	Body Size	Material	Part #	Price/E
1"	56 mm	polyeten PE-HD300	DGDC100	\$94.65
2"	71 mm	rubber	DGDC200	100.85
3"	119 mm	rubber	DGDC300	119.60

FloMAX Part Number Cross-reference

Standard Series Connectors

Dixon Part #	Caterpillar Part #	Wiggins Part #
<i>Engine Oil Nozzles</i>		
ENBL	9S9273	OS2
ENBL-P	---	OSP2
ENBL-PLUG	9S9274	OP-12
ERJ	---	ON6
<i>Engine Oil Receivers</i>		
ERS	9S9271	ON2
ERS-C	---	ONC2A
ERS-CAP	9S9272	O3B12P
<i>Coolant Fluid Nozzles</i>		
CN	108-5455	EC280B8
CN-P	---	---
CN-PLUG	108-5456	1209-8
<i>Coolant Fluid Receivers</i>		
CR-S	IQ5459	EC285A8
CR-C	---	---
CR-CAP	5P3587	1208-8
<i>Hydraulic Oil Nozzles</i>		
HN	108-5433	6000B12
HN-P	---	---
HN-PLUG	---	6009-12
<i>Hydraulic Oil Receivers</i>		
HR	108-5454	6005A12
HR-C	---	---
HR-CAP	IQ-5468	6008-12
<i>Transmission Fluid Nozzles</i>		
TN	126-7538	C-1807
TN-P	---	---
TN-PLUG	---	P-1844
<i>Transmission Fluid Receivers</i>		
TR	108-5456	P-1804
TR-C	---	---
R-CAP	SP3587	P-1880

Fuel Vent Series

Dixon Part #	Caterpillar Part #	Wiggins Part #
VT	6G7803	ZV10
VT7	---	---
VT9	---	---
VTT	SV6106	ZV10C

R Series Connectors

Dixon Part #	Caterpillar Part #	Wiggins Part #
<i>Engine Oil Nozzles</i>		
R-EN	126-7539	R15
R-EN-P	---	---
R-EN-PLUG	---	---
<i>Engine Oil Receivers</i>		
R-ER	---	R16
R-ER-C	---	---
R-ER-CAP	110-8826	---
<i>Coolant Fluid Nozzles</i>		
R-CN	127-9087	R11
R-CN-P	---	---
R-CN-PLUG	---	---
<i>Coolant Fluid Receivers</i>		
R-CR	---	R12
R-CR-C	---	---
R-CR-CAP	---	---
<i>Hydraulic Oil Nozzles</i>		
R-HN	127-9088	R17
R-HN-P	---	---
R-HN-PLUG	---	---
<i>Hydraulic Oil Receivers</i>		
R-HR	118-0166	R18
R-HR-C	---	---
R-HR-CAP	118-0165	---
<i>Transmission Fluid Nozzles</i>		
R-TN	126-7538	R13
R-TN-P	---	---
R-TN-PLUG	---	---
<i>Transmission Fluid Receivers</i>		
R-TR	---	R14
R-TR-C	---	---
R-TR-CAP	110-8318	---

Diesel Fueling System

Dixon Part #	Caterpillar Part #	Wiggins Part #
<i>Nozzles</i>		
FN600	---	ZZF150
FN600BL	4C6716	ZZ9A1
FN600B-PLUG	---	---
FN600B	---	---
<i>Receivers</i>		
FRS	2G9000	ZN2A
FRS-C	---	ZNC2A
FRA	269000	ZN2A
FRA-C	---	ZNC2A
FR-CAP	9D0630	ZC20P
FR-RS	---	---
FR-RS-C	---	---
FR-RS-R	---	---
GFR-0	---	ZN6A
GFR-45	---	---
GFR-90	---	ZN6B
GFR1-0	---	ZN6B
GFR1-45	---	---
GFR1-90	---	ZN6B
FNS	---	ZS9
FNS2	---	---
FN600S	---	---
FNSID	---	---

FloMAX Diesel Fueling System

Application:

- designed for on-site refueling of construction, mining, forestry and agricultural equipment

Features:

- 1½" female NPT
- tested to 180 gallons per minute
- integrated high flow swivel and sealing plug
- plug/bumper assembly gives complete nose seal
- investment cast aluminum housing
- anodized aluminum non-wear parts
- stainless steel wear components
- Delron® bushings eliminate metal-to-metal wear
- stainless steel dog latch mechanism and ball lock styles available
- interchanges with Caterpillar® and Wiggins systems

D



Diesel Fuel Nozzles

Description	Part #	Price/E
dog latch mechanism with sealing plug	FN600	\$2443.65
ball lock with sealing plug	FN600BL	2443.65
sealing plug for FN600	FN600B-PLUG	174.55
sealing plug for FN600BL	FN600B	174.55

Diesel Fuel Receivers

Features:

- 2" male NPT
- O-ring sealed aluminum cap
- cap has set screw attached vinyl coated cable lanyard

one-piece body



Description	Material	Part #	Price/E
one-piece receiver without cap	nickel-plated steel	FRS	\$340.40
one-piece receiver with cap	nickel-plated steel	FRS-C	392.75
one-piece receiver without cap	anodized aluminum	FRA	340.40
one-piece receiver with cap	anodized aluminum	FRA-C	392.75
cap for receiver	anodized aluminum	FR-CAP	117.85

two-piece body



Description	Part #	Price/E
two piece receiver with removable stainless sleeve without cap	FR-RS	\$584.75
two piece receiver with removable stainless sleeve with cap	FR-RS-C	637.10
removable sleeve replacement for two piece receiver	FR-RS-R	192.00
cap for receiver	FR-CAP	117.85

2" Diesel Fuel Nozzles

Features:

- 2" female NPT
- integrated high flow swivel and sealing plug available
- stainless steel ball lock design
- tested to 400 gallons per minute

Materials:

- aluminum housing
- anodized aluminum non-wear parts
- stainless steel internal wear components
- Delron® bushings



Description	Part #	Price/E
2" fuel nozzle - no swivel, no plug	FX1500	4352.75
2" fuel nozzle - no swivel, with plug	FX1500P	4501.10
2" fuel nozzle - with swivel, no plug	FX1500S	4570.95
2" fuel nozzle - with swivel, with plug	FX1500SP	4719.30
2" sealing plug for FX1500	FX1500PLUG	207.30

2" Diesel Fuel Receivers



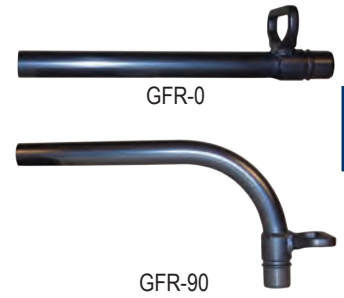
Description	Part #	Price/E
2" diesel fuel receiver	FRX	\$652.40
2" fuel receiver with cap	FRX-C	761.50
2" cap for receiver	FRXCAP	152.75

FloMAX Diesel Fueling System Diesel Fuel Gravity Fill Receivers

Feature:

- used with the FN600 or FN600BL to convert to gravity fueling

Size	Description	Anodized Aluminum	
		Part #	Price/E
1 3/8"	straight	GFR-0	\$440.75
1 3/8"	45°	GFR-45	466.95
1 3/8"	90°	GFR-90	466.95
1"	straight	GFR1-0	466.95
1"	45°	GFR1-45	488.75
1"	90°	GFR1-90	488.75



D

FloMAX Fuel Vents

Features:

- 2" male NPT
- billet cap provides superior impact resistance
- easily serviced all metal construction
- rigid ball cage for positive seal
- available with: threaded outlet, half coupling and anti-vandalism mounting

Description	Part #	Price/E
vent with 5" tube	VT	\$405.85
vent with 7" tube	VT7	418.95
vent with 9" tube	VT9	432.00
vent with 5" tube and threaded outlet	VTT	453.85



High Flow FloMAX Fuel Vents

Feature:

- 7" tubes are available, contact Dixon for more information

Description	Part #	Price/E
high flow fuel vent with 5" tube	VTX	\$754.95
high flow fuel vent with 9" tube	VTX-9	789.85

Diesel Fuel Swivels

Features:

- stainless steel male threaded base and ball bearings
- hard black anodized female threaded nut
- fluorosilicone sealing O-rings

Thread Size	Description	Part #	Price/E
1 1/2" male NPT x 1 1/2" female NPT	standard	FNS	\$314.20
2" male NPT x 1 1/2" female NPT	standard	FNS2	327.30
1 1/2" female NPT x 1 1/2" female NPT	double	FNSID	353.50
1 1/2" male NPS x 1 1/2" female NPT	standard	FN600S¹	314.20

¹ used with FN600 or FN600BL



standard



double

FloMAX Service Box

Features:

- Designed to enclose receivers for diesel fuel, hydraulic oil, transmission fluid and coolant reducing contamination and weather related problems.
- normally installed on heavy duty earth mover equipment and drill rigs
- 12 gauge steel construction with heavy duty hinges
- painted white - Imron® Primer

Part #	Price/E
FSB	\$1669.85



receivers sold separately

FloMAX Standard Series Connectors

Features:

- series connectors consist of four color-coded mating connectors
- all-metal construction with stainless steel wear components and anodized aircraft grade aluminum non-wear components
- easily recognizable labeling
- fully compatible and interchangeable with industry standards

Engine Oil (red)

Features:

- universally fits both R-series and Standard series crankcase receivers
- incorporates 10 locking balls with a 40% deeper engagement
- resistant to clogging with a greater ease of cleaning
- smooth actuation
- larger diameter pullback lanyard
- bright red anodized aircraft grade aluminum

Nozzles

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	engine nozzle ball lock	ENBL	\$558.55
3/4" NPT	engine nozzle ball lock with plug	ENBL-P	610.95
---	engine nozzle plug	ENBL-PLUG	96.00



Receivers

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	engine receiver	ERS	\$240.00
3/4" NPT	engine receiver with cap	ERS-C	296.75
---	engine receiver cap	ERS-CAP	96.00
3/4" JIC	engine receiver with JIC bulkhead base	ERJ	309.85
3/4" JIC	engine receiver with JIC bulkhead base and cap	ERJ-C	362.20



ERJ-C

Coolant Fluid (teal)

Features:

- nickel-plated nozzle nose and base
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright teal anodized aircraft grade aluminum

Nozzles

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
1/2" NPT	coolant nozzle ball lock	CN	\$370.95
1/2" NPT	coolant nozzle ball lock with plug	CN-P	423.30
---	coolant nozzle plug	CN-PLUG	96.00



Receivers

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
1/2" NPT	coolant receiver	CR-S	\$213.85
1/2" NPT	coolant receiver with cap	CR-C	266.20
---	coolant receiver cap	CR-CAP	96.00



FloMAX Standard Series Connectors

Features:

- series connectors consist of four color-coded mating connectors
- all-metal construction with stainless steel wear components and anodized aircraft grade aluminum non-wear components
- easily recognizable labeling
- fully compatible and interchangeable with industry standards

D

Hydraulic Oil (gold)

Features:

- nickel-plated wear components
- 10 steel dog latching mechanism
- ergonomically engineered pullbacks and caps
- bright gold anodized aircraft grade aluminum

Nozzles

Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	hydraulic nozzle	HN	\$558.55
3/4" NPT	hydraulic nozzle with plug	HN-P	610.95
---	hydraulic nozzle plug	HN-PLUG	96.00



Receivers

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	hydraulic receiver	HR	\$449.50
3/4" NPT	hydraulic receiver with cap	HR-C	506.20
---	hydraulic receiver cap	HR-CAP	96.00



Transmission Fluid (violet)

Features:

- nickel-plated nose and base
- 6 steel dog latching mechanism
- ergonomically engineered pullbacks and caps
- bright violet anodized aircraft grade aluminum

Nozzles

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
1/2" NPT	transmission nozzle	TN	\$501.85
1/2" NPT	transmission nozzle with plug	TN-P	554.20
---	transmission nozzle plug	TN-PLUG	96.00



Receivers

Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/8" NPT	transmission receiver	TR	\$261.85
3/8" NPT	transmission receiver with cap	TR-C	318.55
---	transmission receiver cap	TR-CAP	96.00



FloMAX R Series Connectors

Features:

- fully compatible and interchangeable with industry standards
- all-metal construction using anodized aircraft grade aluminum non-wear components

Engine Oil (red)

Features:

- all metal construction
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright red anodized aircraft grade aluminum

Nozzles



Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	R-series engine nozzle	R-EN	\$432.00
3/4" NPT	R-series engine nozzle with plug	R-EN-P	484.40
---	R-series engine nozzle plug	R-EN-PLUG	96.00

Receivers



Male Thread	Female Thread	Description	Anodized Aluminum	
			Part #	Price/E
1.625-12 UN-2A	1.312-12 UN-2B	R-series engine receiver	R-ER	\$187.65
1.625-12 UN-2A	1.312-12 UN-2B	R-series engine receiver with cap	R-ER-C	244.40
---	---	R-series engine receiver cap	R-ER-CAP	96.00

Coolant (teal)

Features:

- all metal construction
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright teal anodized aircraft grade aluminum

Nozzles



Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
1/2" NPT	R-series coolant nozzle	R-CN	\$405.85
1/2" NPT	R-series coolant nozzle with plug	R-CN-P	458.20
---	R-series coolant nozzle plug	R-CN-PLUG	96.00

Receivers



Male Thread	Female Thread	Description	Anodized Aluminum	
			Part #	Price/E
1.187-12 UN-2A	.875-14 UN-2B	R-series coolant receiver	R-CR	\$157.10
1.187-12 UN-2A	.875-14 UN-2B	R-series coolant receiver with cap	R-CR-C	213.85
---	---	R-series coolant receiver cap	R-CR-CAP	96.00

FloMAX R Series Connectors

Features:

- fully compatible and interchangeable with industry standards
- all-metal construction using anodized aircraft grade aluminum non-wear components

Hydraulic Oil (gold)

Features:

- all metal construction
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright gold anodized aircraft grade aluminum

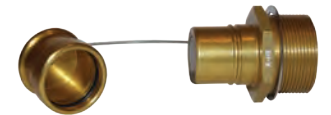
Nozzles

Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
1" NPT	R-series hydraulic nozzle	R-HN	\$471.30
1" NPT	R-series hydraulic nozzle with plug	R-HN-P	528.00
---	R-series hydraulic nozzle plug	R-HN-PLUG	96.00



Receivers

Male Thread	Female Thread	Description	Anodized Aluminum	
			Part #	Price/E
1.875-12 UN-2A	1.625-12 UN-2B	R-series hydraulic receiver	R-HR	\$235.65
1.875-12 UN-2A	1.625-12 UN-2B	R-series hydraulic receiver with cap	R-HR-C	292.40
---	---	R-series hydraulic receiver cap	R-HR-CAP	96.00



Transmission Fluid (violet)

Features:

- all metal construction
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps
- bright violet anodized aircraft grade aluminum

Nozzles

Female Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	R-series transmission nozzle	R-TN	\$384.00
3/4" NPT	R-series transmission nozzle with plug	R-TN-P	436.40
---	R-series transmission nozzle plug	R-TN-PLUG	96.00



Receivers

Male Thread	Female Thread	Description	Anodized Aluminum	
			Part #	Price/E
1.312-12 UN-2A	1.062-12 UN-2B	R-series transmission receiver	R-TR	\$174.55
1.312-12 UN-2A	1.062-12 UN-2B	R-series transmission receiver with cap	R-TR-C	231.30
---	---	R-series transmission receiver cap	R-TR-CAP	96.00



FloMAX 3/4" Series

Features:

- 6 nozzle and receiver sets color coded for quick identification of mating parts; each color nozzle and receiver only couples with matching color component providing complete protection against cross contamination
- maximum flow rate: 45 GPM at 70 PSI
- working pressure rating: **200 PSI**

D



Nozzles

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	red nozzle with plug	ENBL-P	\$610.95
	gold nozzle with plug	ENBL-P2	610.95
	teal nozzle with plug	ENBL-P3	610.95
	violet nozzle with plug	ENBL-P4	610.95
	navy nozzle with plug	ENBL-P5	610.95
	copper nozzle with plug	ENBL-P6	610.95

Receivers

Male Thread	Description	Anodized Aluminum	
		Part #	Price/E
3/4" NPT	red receiver with cap	ERS-C	\$296.75
	gold receiver with cap	ERS-C2	296.75
	teal receiver with cap	ERS-C3	296.75
	violet receiver with cap	ERS-C4	296.75
	navy receiver with cap	ERS-C5	296.75
	copper receiver with cap	ERS-C6	296.75



- ERS series is available with JIC bulkhead base, substitute 'J' for 'S', example: ERJ-C2

FloMAX High Flow 1" Series

Features:

- 7 nozzle and receiver sets color coded for quick identification of mating parts; each color nozzle and receiver only couples with matching color component provides complete protection against cross contamination
- nozzle/receiver combination has a flow area equivalent to a 1" schedule 80 pipe
- working pressure: **500 PSI** with burst pressure: **1500 PSI**
- all wear parts are stainless steel providing long life and corrosion resistance
- all non-wear parts are colored anodized aircraft grade aluminum providing high strength, lightweight and corrosion resistance
- standard nozzle mounting is a 1" female NPT and for the receiver a 1" male NPT; receivers supplied with 1" female NPT threaded base
- nozzle incorporates a "ball lock" mechanism ensuring smooth and reliable operation
- nozzle length: 3.90" (99 mm)
- receiver length: 3.44" (87 mm)
- nozzle and receiver coupled length: 5.44" (138 mm)
- diameter: 2.50" (64 mm)
- hex size: 2" (51 mm)

Nozzles

Female NPT	Description	Anodized Aluminum	
		Part #	Price/E
1"	red nozzle with plug	HFN-P1	\$685.10
	gold nozzle with plug	HFN-P2	685.10
	teal nozzle with plug	HFN-P3	685.10
	violet nozzle with plug	HFN-P4	685.10
	navy nozzle with plug	HFN-P5	685.10
	copper nozzle with plug	HFN-P6	685.10
	blue/gray nozzle with plug	HFN-P7	685.10

Receivers

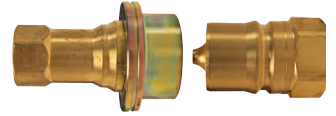
Male NPT	Description	Anodized Aluminum	
		Part #	Price/E
1"	red receiver with cap	HFR-C1	\$432.00
	gold receiver with cap	HFR-C2	432.00
	teal receiver with cap	HFR-C3	432.00
	violet receiver with cap	HFR-C4	432.00
	navy receiver with cap	HFR-C5	432.00
	copper receiver with cap	HFR-C6	432.00
	blue/gray receiver with cap	HFR-C7	432.00



Products Recommended for Steam Service

Quick Disconnect Fittings

- available in solid brass with stainless steel springs and locking balls
- sizes ¼" through 1½"
- for more information see page 104



Dry Disconnect Fittings

- available in stainless steel, with EPDM seals
- sizes ¾" and 1"
- for more information see page 104



E

GJ Boss™ Female Ground Joint Fittings

- available in plated steel and/or iron
- sizes ¼" through 6"
- for more information see page 106



Boss Female Washer Seal Fittings

- available in plated steel and/or iron
- sizes ¾" through 3"
- for more information see page 109



Boss Male Stems

- available in steel bar stock sizes ¼" through 1"; iron in sizes 1¼" through 4"; 316 stainless steel in sizes ½" through 4" and brass in sizes ¾" through 3"
- for more information see page 110



Boss Clamps

- 2-bolt and 4-bolt style available in plated iron in sizes ¼" through 3"; stainless steel in sizes ½" through 3" and brass in sizes ½" through 2"
- three-piece style are available in plated iron in sizes 3" through 6"
- for more information see pages 111 and 112



180° Steam Gauge Siphons

- available in steel and red brass pipe
- ¼" NPT schedule 40 steel, welded
- for more information see page 277



250 PSIG Steam Ball Valves

- available in bronze with 316 stainless steel ball and stem
- sizes ½" through 2"
- for more information see page 670



Note: Pressurized steam is an extremely dangerous commodity. Only hose, fittings, clamps and accessory items that have been approved for steam service should ever be used! Never use an unapproved item for steam service. Always follow the manufacturer's product recommendations for pressurized steam handling.

Steam Quick Disconnect Couplings

Applications:

- designed exclusively for steam applications

Features:

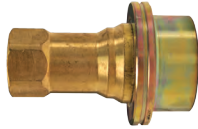
- coupler and plug are solid brass with stainless steel springs and locking balls
- coupler has a large plated steel sleeve designed for easier gripping with gloves
- two ethylene propylene O-rings in the coupler and one ethylene propylene O-ring in the plug provide double protection against leaks
- rated to **200 PSI** gauge saturated steam (**388°F**)



Warning: Do Not Disconnect Under Pressure!

poppet valve couplers

Body Size	Female NPT Size	Part #	Price/E
1/4"	1/4"	B16-200S	\$44.92
3/8"	3/8"	B16-300S	48.40
1/2"	1/2"	B16-400S	67.52
3/4"	3/4"	B16-600S	105.71
1"	1"	B16-800S	171.63
1 1/2"	1 1/2"	B16-1200S	459.94



poppet valve plugs

Body Size	Female NPT Size	Part #	Price/E
1/4"	1/4"	B17-200S	\$13.88
3/8"	3/8"	B17-300S	19.64
1/2"	1/2"	B17-400S	24.67
3/4"	3/4"	B17-600S	43.33
1"	1"	B17-800S	56.64
1 1/2"	1 1/2"	B17-1200S	356.40



Dry Disconnect Fittings for Steam Service

Applications:

- Designed to fit hoses carrying steam in chemical (heating) and pharmaceutical (disinfection and sterilization) applications and at loading bays.

Features:

- eliminates unintentional separation preventing accidents and avoiding unintended down time
- performance unaffected by surface rust
- maximum operating: **150 PSI**
- maximum temperature rating: 350°F
- lockable versions are available, contact Dixon for pricing

Materials:

- stainless steel coupling house and all inner parts
- EPDM seals (standard), other materials available, contact Dixon for pricing

coupler x female NPT

Female NPT	Body Size	Stainless Steel Part #	Price/E
3/4"	56 mm	DDSC075SS	\$2956.30
1"	56 mm	DDSC100SS	2956.30



adapter x female NPT

Female NPT	Body Size	Stainless Steel Part #	Price/E
3/4"	56 mm	DDSA075SS	\$832.10
1"	56 mm	DDSA100SS	832.10



Boss Coupling System

Features: The spud part of the coupling serves as one half of the connection and is usually fixed to the equipment. The stem part that is clamped to the hose is the other half. The two halves are connected or disconnected by rotating the wing nut onto the spud. When connected they achieve both a mechanical, and a pressure seal.

Services: Boss couplings are all-purpose hose couplings, universally recommended for steam hose connections. They are also widely used for air, water, fluid petroleum, chemicals and liquid petroleum gas up to 1" ID. Boss couplings can be applied to many types of rubber, synthetic, plastic, metallic or semi-metallic hose. Consult the factory for specific media capabilities.

Purpose: Boss couplings supply a convenient threaded fitting to connect two lengths of hose, or a single length to a male or female threaded (NPT) outlet.

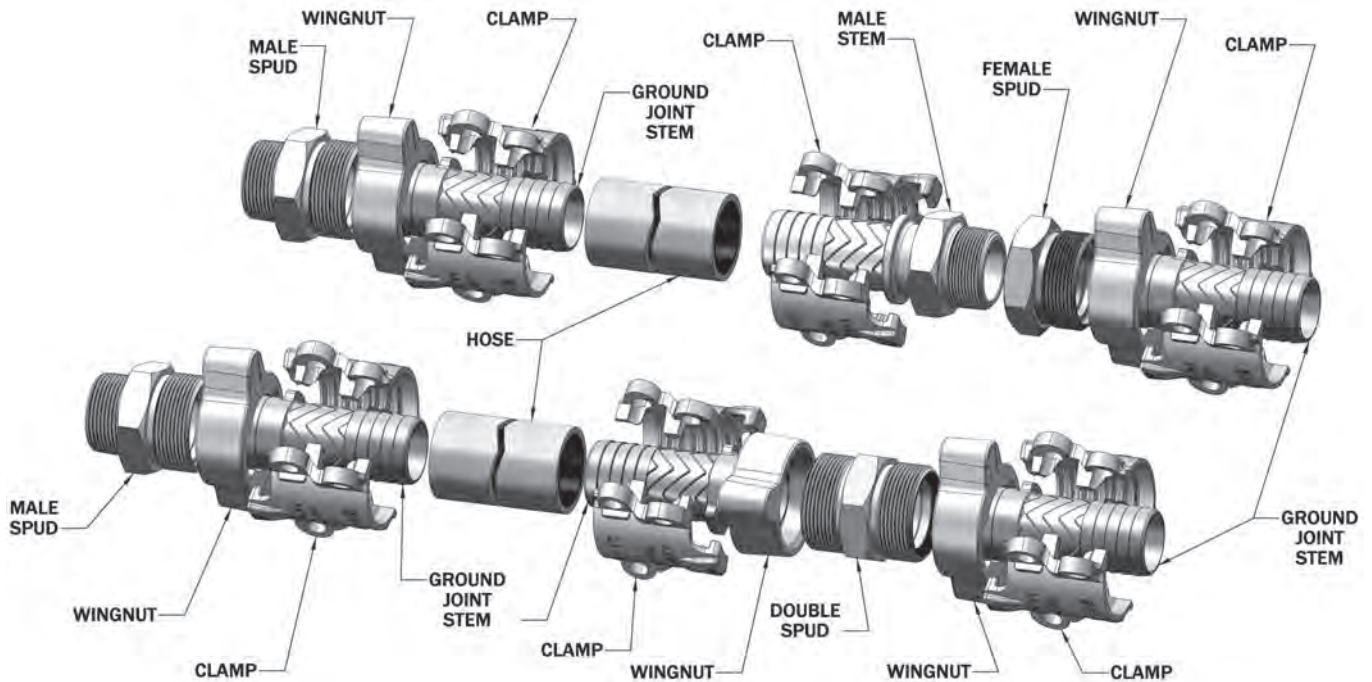
Material:

- stem: ¼" - 1" plated steel, 1¼" - 4" plated iron, 6" tubular steel
- spud: ¼" - 1" plated steel, 1¼" - 6" plated iron
- wing nut: ¼" plated steel, ¾" - 6" plated iron

Seal Types:

- ground joint: copper or polymer seats
- washer: Klingsil® C-4401

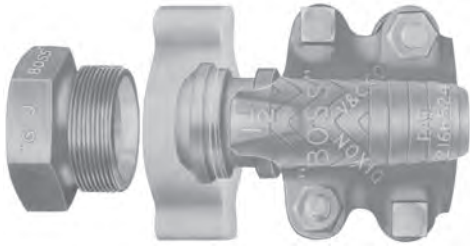
E



Worn-out hose couplings can be dangerous. They should be checked regularly and replaced when necessary. Each coupling user should review applications and add safety devices where indicated.

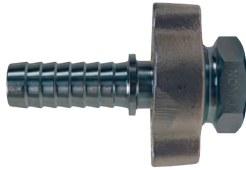
GJ Boss™ Ground Joint Seal

E



Features:

- positive metal-to-polymer seal
- leakproof seal forms when the metal head of the stem makes contact with the patented polymer seat in the spud
- non-metallic polymer seat resists most chemicals found in manufacturing facilities (reference corrosion resistance chart on pages 802-807)
- recommended for steam service up to **450°F**
- easy to seal
- works with existing fittings
- *plated steel and / or iron*
- use with Boss clamps found on pages 111 and 112.



complete female



stem



wing nut



knurled nut

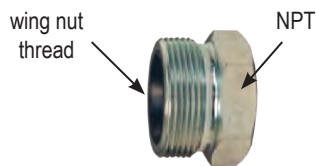
Hose Shank x NPT	Part #	Price/E	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1/4"	GF1 ¹	\$49.30	GBA	\$18.75	100	SLS4	\$12.10	100	---	---	--
3/8"	GF3 ¹	42.45	GCA	8.90	100	CB	11.80	100	---	---	--
1/2"	GF6	33.25	GB1	7.40	100	B2	7.60	100	---	---	--
1/2" x 3/4"	GF26-1	43.10	GB6-1	17.20	50	B12	10.00	25	---	---	--
3/4"	GF26	40.40	GB6	14.50	50	B12	10.00	25	KB12	\$15.45	25
1"	GF36	41.70	GB11	15.20	50	B12	10.00	25	KB12	15.45	25
1 1/4"	GF51	77.25	GB16	23.60	25	B17	18.45	25	---	---	--
1 1/2"	GF61	73.85	GB21	21.80	25	B17	18.45	25	---	---	--
2"	GF81 ²	88.60	GB26 ²	24.30	10	B27	29.45	10	---	---	--
2 1/2"	GF96	215.50	GB31	56.85	5	B32	68.80	5	---	---	--
3"	GF111	225.20	GB36 ³	80.00	5	B37	59.30	5	---	---	--
4"	GF141	500.00	GB46	160.60	5	B47	168.00	5	---	---	--
6"	GF201 ¹	1183.25	GB66	365.00	2	B67	248.25	2	---	---	--



¹ 1/4", 3/8" and 6" available only with copper seat spuds

² not to be used with #250, #275 or #306 Boss clamps

³ GB36 will be replaced with GB36CR, this replacement part will have a machined hose shank to accommodate a Boss clamp, King Crimp sleeve or ferrule



female spud



male spud



double spud

Thread	Part #	Price/E	Opt Qty	Part #	Price/E	Part #	Price/E
1/4"	GBC ¹	\$18.65	100	---	---	---	---
3/8"	GCC ¹	21.95	100	GMC ¹	\$20.00	---	---
1/2"	GB3	18.25	100	GM3	22.90	GDB3	\$35.15
3/4"	GB8	15.90	50	GM8	21.70	GDB13	35.40
1"	GB13	16.50	50	GM13	22.90	GDB13	35.40
1 1/4"	GB18	36.20	25	GM18	51.85	GDB23	61.50
1 1/2"	GB23	33.60	25	GM23	50.00	GDB23	61.50
2"	GB28	34.85	10	GM28	54.00	GDB28	66.25
2 1/2"	GB33	89.85	5	GM33	128.10	GDB33	131.35
3"	GB38	97.10	5	GM38	134.70	GDB38	137.70
4"	GB48	171.40	5	---	---	---	---
6"	GB68 ¹	570.00	2	---	---	---	---


¹ 1/4", 3/8" and 6" available only with copper seat spuds



A list of products recommended for steam service can be found on page 103.

Boss Holedall Fittings

Applications:

- designed for air and liquid applications where a permanent, low profile clamping system is desired
- not for steam service 

Features:

- supplied with carbon steel ferrules
- consult Dixon for swage and/or crimp specifications

Size	Hose OD		Plated Iron / Steel		Stainless Steel	
	From:	To:	Part #	Price/E	Part #	Price/E
¾"	1-10/64"	1-14/64"	GF26P1	\$58.15	---	---
	1-15/64"	1-18/64"	GF26P2	58.15	---	---
	1-19/64"	1-22/64"	GF26P3	58.15	---	---
1"	1-30/64"	1-34/64"	GF36P1	61.55	---	---
	1-35/64"	1-38/64"	GF36P2	61.55	---	---
	1-39/64"	1-42/64"	GF36P3	61.55	---	---
1½"	1-20/64"	2"	GF61P1	125.35	RGF61P1	\$440.00
	2-1/64"	2-8/64"	GF61P2	125.35	RGF61P2	440.00
	2-9/64"	2-16/64"	GF61P3	125.35	---	---
2"	2-36/64"	2-40/64"	GF81P1	128.75	RGF81P1	580.00
	2-41/64"	2-48/64"	GF81P2	128.75	RGF81P2	580.00
	2-49/64"	2-56/64"	GF81P3	128.75	---	---
3"	3-26/64"	3-40/64"	GF111P1	355.00	---	---
	3-41/64"	3-48/64"	GF111P2	355.00	---	---
	3-49/64"	3-56/64"	GF111P3	355.00	---	---



E

Boss Adapters

Features:

- plated steel and / or iron
- designed to fit the standard ground joint spuds on page 106
- supplied with a wing nut, as shown
- for safety tags and safety tape, see page 778

male NPT adapters

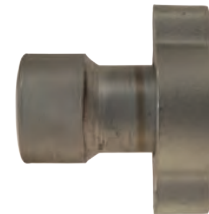
Size	Part #	Price/E	Pkg Qty
¾"	GMAS6	\$51.50	25
1"	GMAS11	53.70	25
1¼"	GMAS16	74.00	10
1½"	GMAS21	88.85	10
2"	GMAS26 ¹	92.50	10

¹ uses a special wing nut, part # B27-3

female NPT adapters

Size	Part #	Price/E
¾"	GFAS6	\$101.40
1"	GFAS11	110.00
1¼"	GFAS16	125.00
1½"	GFAS21 ¹	150.00
2"	GFAS26	162.00


¹ part is produced as a welded fabrication



Boss Wing Nut Caps

Features:

- plated steel and / or iron
- supplied with 12" chain and washer
- for best results, use with washer style spuds and washers on pages 108 and 109

 Boss wing nut caps are not intended for pressure applications.

Size	Part #	Price/E	Opt Qty
¾" and 1"	B12SC	\$44.60	25
1¼" and 1½"	B17SC	55.30	25
2"	B27SC	82.25	10
3"	B37SC	131.25	5



316 Stainless Steel Ground Joint

Application:

- recommended for steam service up to 450°F



complete female

stem

wing nut

female spud

Size	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	RGF26	\$219.30	RGB6	\$78.25	RB12	\$70.00	RGB8	\$71.05
1"	RGF36	240.70	RGB11	98.90	RB12	70.00	RGB13	71.80
1¼"	RGF51	354.75	RGB16	109.45	RB17	115.30	RGB18	130.00
1½"	RGF61	426.15	RGB21	118.45	RB17	115.30	RGB23	192.40
2"	RGF81 ¹	560.00	RGB26 ¹	173.00	RB27	194.60	RGB28	192.40



¹ not to be used with #250, #275 or #306 Boss clamps

Brass Ground Joint



complete female

stem

wing nut

female spud

Size	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	BGF26	\$156.95	BGB6	\$60.80	BB12	\$47.70	BGB8	\$48.45
1"	BGF36	174.30	BGB11	56.60	BB12	47.70	BGB13	70.00
1¼"	BGF51	227.60	BGB16	56.70	BB17	81.00	BGB18	89.90
1½"	BGF61	260.20	BGB21	77.50	BB17	81.00	BGB23	101.70
2"	BGF81 ¹	437.80	BGB26 ¹	142.00	BB27	155.40	BGB28	140.40



¹ not to be used with #250, #275 or #306 Boss clamps

316 Stainless Steel Washer Style



complete female

stem

wing nut

female spud

washer²

Size	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	RWF26	\$223.60	RB6	\$76.05	RB12	\$70.00	RB8	\$76.60	W12	\$0.95
1"	RWF36	233.15	RB11	84.80	RB12	70.00	RB13	77.40	W12	0.95
1¼"	RWF51	347.30	RB16	122.70	RB17	115.30	RB18	108.00	W17	1.30
1½"	RWF61	440.40	RB21	136.30	RB17	115.30	RB23	187.50	W17	1.30
2"	RWF81 ¹	559.45	RB26 ¹	177.00	RB27	194.60	RB28	186.40	W27	1.45



¹ not to be used with #250, #275 or #306 Boss clamps

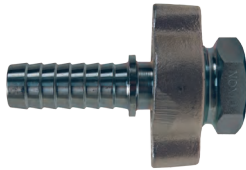
² washer is nitrile rubber bonded, non-asbestos Klingersil® C-4401

- brass Washer Style available, consult Dixon for pricing and availability

Boss Washer Seal

Features:

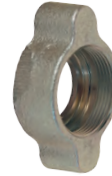
- recommended for steam service up to **450°F**
- easy to seal
- Klingersil® C-4401 washer is inserted between the stem and spud
- leakproof seal forms by rotating the wing nut and hammering it tight
- works with existing fittings
- *plated steel and / or iron*
- use with Boss clamps found on pages 111 and 112



complete female



stem



wing nut

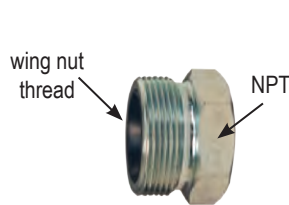


knurled nut

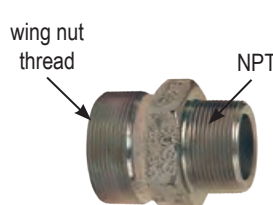
Hose Shank x NPT	Part #	Price/E	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
3/8"	WF3	\$32.80	SS337	\$7.45	100	CB	\$11.80	100	---	---	---
1/2"	WF6	32.35	B1	11.75	100	B2	7.60	100	---	---	---
1/2" x 3/4"	WF26-1	43.15	B6-1	19.15	50	B12	10.00	25	---	---	---
3/4"	WF26	38.60	B6	14.60	50	B12	10.00	25	KB12	\$15.45	25
1"	WF36	39.55	B11	15.75	50	B12	10.00	25	KB12	15.45	25
1-1/4"	WF51	84.80	B16	30.55	25	B17	18.45	25	---	---	---
1-1/2"	WF61	74.60	B21	24.40	25	B17	18.45	25	---	---	---
2"	WF81 ¹	93.05	B26 ¹	27.20	10	B27	29.45	10	---	---	---
2-1/2"	WF96	219.85	B31	67.90	5	B32	68.80	5	---	---	---
3"	WF111	230.40	B36	80.40	5	B37	59.30	5	---	---	---



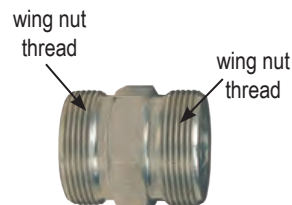
¹ not to be used with #250, #275 or #306 Boss clamps



female spud



male spud



double spud

washer ¹

Thread	Part #	Price/E	Opt Qty	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	CC	\$12.85	100	WMC	\$15.20	---	---	WBC	\$0.70
1/2"	B3	12.20	100	WM3	26.55	DB3	\$23.60	W2	0.80
3/4"	B8	13.05	25	WM8	19.45	DB13	27.90	W12	0.95
1"	B13	12.85	50	WM13	23.20	DB13	27.90	W12	0.95
1-1/4"	B18	34.50	25	WM18	45.30	DB23	42.30	W17	1.30
1-1/2"	B23	30.45	25	WM23	53.85	DB23	42.30	W17	1.30
2"	B28	34.95	10	WM28	60.00	DB28	56.90	W27	1.45
2-1/2"	B33	81.50	5	---	---	---	---	W32	1.65
3"	B38	88.10	5	WM38	130.00	DB38	115.65	W37	2.60

¹ washer is nitrile rubber bonded, non-asbestos Klingersil® C-4401

Boss Male Stems

Features:

- recommended for steam service up to **450°F**
- use with Boss clamps on pages 111 and 112; for safety tags and safety tape see page 778



plated steel barstock



plated iron



316 stainless



brass

E

Hose x NPT Size	Plated Steel Bar Stock		Opt Qty	Size	Plated Iron		Opt Qty	Size	316 Stainless		Size	Brass	
	Part #	Price/E			Part #	Price/E			Part #	Price/E		Part #	Price/E
1/4" x 1/8"	MS4X2	\$9.60	25	---	---	---	---	1/2"	RMS1	\$63.55	---	---	---
1/4" x 1/4"	MSA	7.45	50	---	---	---	---	3/4"	RMS6	62.50	3/4"	BMS6	\$39.85
1/4" x 3/8"	MSB	8.50	25	---	---	---	---	1"	RMS11	64.00	1"	BMS11	54.95
3/8" x 1/4"	MS6X4	8.00	25	1 1/4"	MS16	\$24.00	20	1 1/4"	RMS16	122.00	1 1/4"	BMS16	74.80
3/8" x 3/8"	MSC	6.40	100	1 1/2"	MS21	26.90	20	1 1/2"	RMS21	122.50	1 1/2"	BMS21	90.40
3/8" x 1/2"	MS6X8	11.10	25	2"	MS26	37.50	10	2"	RMS26	133.40	2"	BMS26	139.40
1/2" x 1/4"	MS8X4	7.85	25	2 1/2"	MS31	66.60	5	2 1/2"	RMS31	250.00	---	---	---
1/2" x 3/8"	MS8X6	7.85	50	3"	MS36	90.50	5	3"	---	---	3"	BMS36	322.50
1/2" x 1/2"	MS1	6.45	25	4"	MS46	153.00	2	4"	---	---	---	---	---
1/2" x 3/4"	MS8X12	19.10	25	---	---	---	---	---	---	---	---	---	---
3/4" x 1/2"	MS12X8	14.70	25	---	---	---	---	---	---	---	---	---	---
3/4" x 3/4"	MS6	9.85	25	---	---	---	---	---	---	---	---	---	---
3/4" x 1"	MS12X16	22.00	25	---	---	---	---	---	---	---	---	---	---
1" x 3/4"	MS16X12	22.00	25	---	---	---	---	---	---	---	---	---	---
1" x 1"	MS11	14.35	25	---	---	---	---	---	---	---	---	---	---

LP-Boss Male Stems



male NPT end



beveled end

Size	Plated Steel		316 Stainless		Schedule 80 Plated Steel		Unplated Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1 1/4"	LP16	\$63.00	---	---	LP16-80 ¹	\$66.50	---	---
1 1/2"	LP21	60.00	---	---	LP21-80 ¹	69.00	---	---
2"	LP26	53.20	---	---	LP26-80 ¹	71.85	LPB26	\$65.25
2 1/2"	LP31	126.50	---	---	---	---	---	---
3"	LP36	125.00	RLP36	\$221.40	---	---	LPB36	115.40
4"	LP46	164.00	RLP46	375.00	---	---	---	---
6"	LP66	340.00	---	---	---	---	---	---

¹ schedule 80 stems meet NFPA 58

Boss Hose Menders

Features:

- collars designed to engage gripping fingers of Boss clamps
- 3/4" - 3" plated iron; 1/2" plated steel



Size	Part #	Price/E	Size	Part #	Price/E
1/2"	M1	\$10.40	1 1/2"	M21	\$21.35
3/4"	M6	18.60	2"	M26	37.35
1"	M11	29.80	2 1/2"	M31	64.50
1 1/4"	M16	22.20	3"	M36	77.30

Boss Spud x Hose Shank

Feature:

- polymer seat



Size	Part #	Steel	Price/E
1"	GH1311		\$38.20
2"	GH2826		79.00

Boss Clamps

⚠ WARNING

- The bolts used in the Boss interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be retorqued, but it is **not** recommended that the bolts or clamps be reused, as they are designed for a single bend only. Dixon recommends using only factory supplied replacement bolts.
- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance. *Do not lubricate nuts and bolts.*
- recommended for steam service up to **450°F**
- recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon for more information
- see page 812 for Fraction to Decimal conversion chart

E

Hose ID	Hose OD		Zinc Plated Iron			Stainless Steel		Torque ³	Brass		Torque
	From:	To:	Part #	Price/E	Opt Qty	Part #	Price/E		Part #	Price/E	
¼"	36/64"	42/64"	BD ⁴	\$9.05	100	---	---	6	---	---	--
⅜"	44/64"	56/64"	CD ⁴	8.75	100	---	---	6	---	---	--
½"	52/64"	60/64"	DD ⁴	9.45	100	---	---	6	---	---	--
½"	58/64"	1-2/64"	968 ¹	14.90	50	---	---	6	---	---	--
½"	60/64"	1-4/64"	B4 ⁴	8.15	25	RB4	\$138.40	12	BB4	\$31.75	10
½"	1-4/64"	1-12/64"	B5	10.05	25	---	---	12	---	---	--
¾"	1-10/64"	1-20/64"	BU9 ⁴	10.25	50	RBU9	184.00	21	BBU9	45.60	18
¾"	1-20/64"	1-32/64"	B9	11.60	25	RB9	197.80	21	---	---	18
¾"	1-32/64"	1-44/64"	B10 ⁴	12.95	25	---	---	21	---	---	--
1"	1-26/64"	1-36/64"	156 ¹	19.85	20	---	---	21	---	---	--
1"	1-34/64"	1-46/64"	BU14	19.85	25	RBU14	192.40	21	BBU14	91.80	18
1"	1-44/64"	1-60/64"	B14	19.80	25	RB14	192.40	21	BB14	105.25	18
1"	1-60/64"	2-8/64"	B15	22.70	20	---	---	21	---	---	--
1-¼"	1-32/64"	1-50/64"	BU18	32.20	10	---	---	40	---	---	--
1-¼"	1-44/64"	1-56/64"	187 ¹	29.50	10	---	---	21	---	---	--
1-¼"	1-50/64"	2-6/64"	BU19	35.80	10	---	---	40	---	---	--
1-¼"	1-56/64"	2-4/64"	206 ¹	25.70	20	---	---	21	---	---	--
1-¼"	2-8/64"	2-24/64"	B19	29.45	10	RB19	207.70	40	---	---	28
1-½"	1-52/64"	2"	BU22	36.90	10	---	---	40	---	---	--
1-½"	2"	2-14/64"	B22	34.40	10	---	---	40	---	---	--
1-½"	2"	2-8/64"	212 ¹	35.25	10	---	---	21	---	---	--
1-½"	2-4/64"	2-16/64"	225 ¹	37.15	10	---	---	40	---	---	--
1-½"	2-12/64"	2-24/64"	BU24	30.20	10	RBU24	211.05	40	---	---	28
1-½"	2-24/64"	2-36/64"	B24	27.75	10	RB24	204.00	40	---	---	--
1-½"	2-36/64"	2-48/64"	B25	31.70	10	---	---	40	---	---	--
2"	2-16/64"	2-32/64"	250 ^{1,5}	37.80	10	---	---	40	---	---	--
2"	2-22/64"	2-34/64"	BU28	41.10	10	---	---	60	---	---	--
2"	2-32/64"	2-48/64"	275 ^{1,5}	42.25	10	---	---	40	---	---	--
2"	2-32/64"	2-50/64"	BU29	36.60	10	RBU29	295.00	60	BBU29 ²	173.05	40
2"	2-48/64"	3-4/64"	B29	40.30	10	RB29	309.00	60	---	---	--
2"	2-48/64"	3-4/64"	306 ^{1,5}	51.00	10	---	---	60	---	---	--
2"	3-6/64"	3-28/64"	B30	63.60	5	---	---	60	---	---	--
2-½"	3-4/64"	3-32/64"	350 ¹	53.30	5	---	---	60	---	---	--
2-½"	3-6/64"	3-28/64"	BU34	66.80	5	---	---	60	---	---	--
2-½"	3-32/64"	3-60/64"	B34	86.35	5	---	---	150	---	---	--
3"	3-32/64"	3-48/64"	375 ¹	67.25	5	---	---	60	---	---	--
3"	3-32/64"	3-60/64"	BU35	97.25	5	RBU35	461.70	150	---	---	--
3"	3-48/64"	4"	401 ¹	111.00	5	---	---	150	---	---	--
3"	3-52/64"	4-4/64"	B35	92.30	5	---	---	150	---	---	--
3"	4"	4-12/64"	418 ¹	125.45	4	---	---	200	---	---	--
3"	4-4/64"	4-28/64"	B39	119.00	5	---	---	200	---	---	--
3"	4-12/64"	4-32/64"	450 ¹	124.40	2	---	---	200	---	---	--



two clamp sections
2-bolt type
2 gripping fingers
¼" - ¾" design



two clamp sections
4-bolt type
2 gripping fingers



two clamp sections
4-bolt type
4 gripping fingers

¹ 4 gripping fingers and 4 bolts

² will become obsolete as inventory is depleted

³ torque applies to plated iron and stainless steel clamps

⁴ global investment cast carbon steel

⁵ not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, BGB26, RWF81, RB26



Boss Clamps

⚠ WARNING

three clamp sections
6-bolt type
3 gripping fingers



three clamp sections
6-bolt type
6 gripping fingers

- The bolts used in the Boss interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be retorqued, but it is **not** recommended that the bolts or clamps be reused, as they are designed for a single bend only. Dixon recommends using only factory supplied replacement bolts.
- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance. *Do not lubricate nuts and bolts.*
- recommended for steam service up to **450°F**
- recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon for more information
- see page 812 for Fraction to Decimal conversion chart

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque
	From:	To:	Part #	Price/E		
3"	4-16/64"	4-52/64"	BS39	\$223.85	2	150
4"	4-40/64"	5"	B45	224.00	2	150
4"	4-56/64"	5-16/64"	BS49	339.60	2	200
4"	5-16/64"	5-38/64"	BU49	412.00	2	200
4"	5-34/64"	5-60/64"	B49	429.00	2	200
6"	6-56/64"	7-24/64"	750	419.00	1	200
6"	7-32/64"	8"	850	413.50	1	200

Ground Joint Air Hammer Couplings

Features:

- rounded steel head of stem fits concave inserts in spuds for superior sealing
- metal-to-metal copper seat seal
- *plated steel* and / or *iron*
- for use with Boss clamps on page 111



complete female



stem



wing nut

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Part #	Price/E	Plated Steel		Iron	
					Part #	Price/E	Part #	Price/E
Compact	1/2"	1-31/64" OD x 8 TPI	GDF6	\$45.00	GBA45	\$13.00	J47	\$11.65
	3/4"		GDF8	48.65	GBA46	13.80	J47	11.65
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	GDF10	64.45	GBB18	22.00	DLB12	15.20
	1"		GDF12	54.85	GBB11	17.40	DLB12	15.20



female spud



male spud



double spud

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Plated Steel w/ Copper seat		Plated Steel w/ Copper seat		Plated Steel w/ Copper seat	
			Part #	Price/E	Part #	Price/E	Part #	Price/E
Compact	1/2"	1-31/64" OD x 8 TPI	GJ65	\$20.35	GJ60	\$27.40	GJ75	\$32.50
	3/4"		GJ55	23.60	GJ50	25.10	GJ75	32.50
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	GDL8	27.25	GDL7	33.80	GDL25	34.80
	1"		GDL13	22.70	GDL10	30.55	GDL25	34.80

LP Gas Hose Couplings and Adapters

Specifications:

- products meet or exceed the requirements of Compressed Gas Association (CGA), the National Fire Protection Association (NFPA), the Canadian Gas Association, American Society of Mechanical Engineers (ASME) and Underwriters Laboratories (UL)

Brass Male Acme x MNPT Adapters



ME217



ME233



ME502-12/8



ME503-16

Male Acme Thread	Male NPT Thread	Female NPT Thread	Part #	Brass	Price/E
1 3/4"	1 1/4"	--	ME217		\$34.70
2 1/4"	1 1/4"	--	ME233		133.30
2 1/4"	1 1/2"	1"	ME502-12/8 ¹	NEW	65.25
3 1/4"	2"	--	ME503-16		167.00

¹ dual threads - male outside / female inside

Brass Male Acme x FNPT Adapter



ME252-16

Male Acme Thread	Female NPT Thread	Part #	Brass	Price/E
1 3/4"	1"	ME214		\$34.70
3 1/4"	2"	ME252-16		152.10

Steel Male Acme x MNPT Adapters



ME217S



ME503S-16

Male Acme Thread	Male NPT Thread	Steel	
		Part #	Price/E
1 3/4"	1 1/4"	ME217S	\$83.75
2 1/4"	1 1/4"	ME233S	163.90
3 1/4"	2"	ME503S-16	348.10

Steel Male Acme x FNPT Adapter



ME252S-16

Male Acme Thread	Female NPT Thread	Steel	
		Part #	Price/E
3 1/4"	2"	ME252S-16	\$237.50

Female Acme x Male Acme Adapters



ME612



ME612S

Female Acme Thread	Male Acme Thread	Material	Part #	Price/E
3 1/4"	1 3/4"	brass	ME612	\$253.60
3 1/4"	1 3/4"	steel	ME612S	374.45



LP Gas Hose Couplings and Adapters Female Acme x MNPT Filler Couplings, Brass Nut



ME112



ME130



ME120

Female Acme Thread	Male NPT Thread	Material	Part #	Price/E
1 3/4"	1"	brass nut, brass nipple	ME112	\$43.95
2 1/4"	1 1/4"	brass nut, brass nipple	ME120	200.55
2 1/4"	1 1/4"	brass nut, steel nipple	ME120S	206.30
3 1/4"	2"	brass nut, steel nipple	ME130	293.15

Female Acme x MNPT Filler Couplings, Steel Nut



ME112S



ME130S



ME121S

Female Acme Thread	Male NPT Thread	Steel Part #	Price/E
1 3/4"	1"	ME112S	\$97.10
2 1/4"	1 1/4"	ME121S	209.70
3 1/4"	2"	ME130S	240.25

Acme Gaskets

Size	Nitrile Part #	Price/E
1 3/4"	MEW2	\$0.60
2 1/4"	MEW5	3.05
3 1/4"	MEW6	3.25

Clamp Style Hose Couplings

Features:

- clamp sections and hose barbs are made of steel and ductile iron
- 32B and 32S sizes offer a female Acme swivel to eliminate the need to add additional weight and bulk to the hose assembly



ME3162-20



ME3162-32B

Hose Barb Size	Thread Size	Material	Part #	Price/E
1"	1" male NPT	steel nipple with 2-piece ductile iron clamp	ME3162-16	\$90.85
1 1/4"	1 1/4" male NPT	steel nipple with 2-piece ductile iron clamp	ME3162-20	145.90
1 1/2"	1 1/2" male NPT	steel nipple with 2-piece ductile iron clamp	ME3162-24	190.55
2"	2" male NPT	steel nipple with 2-piece ductile iron clamp	ME3162-32	217.70
2"	3 1/4" female Acme	steel nipple, brass nut with 2-piece ductile iron clamp	ME3162-32B	432.45
2"	3 1/4" female Acme	steel nipple, steel nut with 2-piece ductile iron clamp	ME3162-32S	427.50

Acme Spanner Wrench



Used on	Part #	Price/E
1 3/4", 2 1/4", 3 1/4" and 4 1/4" fittings	MEP120B	\$105.55

Safety Break-away Coupling - Breaking Bolt Series Industrial Version - Female NPT x Female NPT

Application:

- suitable for LP Gas service, designed to be installed between a fixed point (pipe, pump, manifold) and a hose

Features:

- coupling automatically senses an excessive load, closes the valves and disconnects
- high flow rate / low pressure drop
- working pressure: **360 PSI** at ambient temperature (70°F)
- female NPT is standard, optional ANSI / DIN flanges or male NPT are available
- FKM is standard seal



Size	DN Size	Stainless Steel	
		Part #	Price/E
2"	50	SBC200SS	\$3667.85

F

LP Gas Hose Caps and Plugs Metal Acme Caps



ME229



ME441F

Female Acme Thread	Description	Material	Part #	Price/E
1 3/4"	cap with ring and chain	brass	ME229-1	\$67.70
1 3/4"	cap with ring and chain	steel	ME229S-1	115.15
2 1/4"	cap with knob plug and chain	brass	ME431F-1	170.90
2 1/4"	cap with knob plug, ring, chain	steel	ME431FS-1	193.05
3 1/4"	cap knob with ring and chain	brass	ME441F-1	258.35
3 1/4"	cap with knob plug, ring and chain	steel	ME441FS-1	282.95

Plastic Acme Caps



ME109-1



ME109-NH3-1

Female Acme Thread	Description	Plastic Part #	Price/E
1 3/4"	cap with ring and chain, yellow	ME109-1	\$8.10
1 3/4"	cap with chain assembly, for any hydrous service	ME109-NH3-1	9.20

Plastic Dust Plugs



ME179-1



ME180-1



ME181-1

Male Acme Thread	Description	Plastic Part #	Price/E
1 3/4"	plug with dust seal and chain assembly, yellow	ME179-1	\$30.45
2 1/4"	plug with dust seal and chain assembly, yellow	ME180-1	37.15
3 1/4"	plug with dust seal and chain assembly, yellow	ME181-1	81.60

Air King Universal Couplings

⚠ WARNING

- The use of an Air King safety clip or wire type retainer is necessary to ensure Air King universal couplings will not become accidentally disconnected. This guarantees the fittings are properly connected because the safety pin will not go through the holes in mating flanges until couplings are locked in place. Only one Air King safety clip or wire type retainer is required for each Air King universal coupling.
- to provide protection against coupling breakage and related hazards, Dixon recommends the use of a whip hose, see page 792 for Whip Hose safety information

Hose Ends

Features:

- can be used with Air King ferrules
- supplied with safety clip
- pressure rating: **150 PSI** at ambient temperature (70°F)
- supplied with rubber washers, part # AWR4
- meets pressure requirements as specified in A-A-59553 commercial item description superseding Mil Spec. WWC-633D



Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Qty	Price/E
3/8"	AMH ¹	\$10.40	25	ABH	\$38.95	25	RAMH	\$77.20
1/2"	AM1	7.25	50	AB1 ¹	24.10	50	RAM1	57.40
5/8"	AM5	10.70	50	AB5	26.20	50	---	---
3/4"	AM6	7.20	50	AB6 ¹	24.95	50	RAM6	48.25
1"	AM11	10.10	50	AB11 ¹	32.00	50	RAM11	53.35

Male NPT Ends



Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Part #	Price/E
1/4"	AMB1	\$10.75	25	ABB1	\$27.70	25	---	---
3/8"	AMB	9.50	25	ABB	31.50	25	RAMB	\$82.45
1/2"	AM2	8.35	50	AB2 ¹	26.10	50	RAM2	55.65
3/4"	AM7	8.50	50	AB7 ¹	25.80	50	RAM7	49.80
1"	AM12	9.20	50	AB12 ¹	26.80	50	RAM12	53.35

Female NPT Ends



Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Part #	Price/E
1/4"	AMC1	\$9.90	25	ABC1	\$29.70	25	---	---
3/8"	AMC	9.50	25	ABC	29.35	25	RAMC	\$80.00
1/2"	AM3	8.55	50	AB3 ¹	22.15	50	RAM3	57.40
3/4"	AM8	8.45	50	AB8 ¹	26.35	50	RAM8	49.80
1"	AM13	10.40	50	AB13 ¹	26.80	50	RAM13	55.90

Blank Ends



Part #	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Price/E	Part #		Price/E	Part #		Price/E	
AM0	\$13.25		25	AB0 ¹	\$26.60	25	RAM0	\$51.80

Triple Connections



Part #	Iron		Opt Qty	Brass		Opt Qty
	Price/E	Part #		Price/E	Part #	
AM10	\$24.00		25	AB10 ¹	\$54.10	25

¹ global investment cast



Air King is for air and water service only *Warning: Never use any Air King coupling for steam service!*
None of Dixon's catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Global Air King Universal Couplings

Feature:

- supplied with safety clip and rubber washers

Hose Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1/2"	GAM1	\$3.80	25
3/4"	GAM6	4.10	50
1"	GAM11	5.40	50



Male NPT Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1/2"	GAM2	\$4.35	25
3/4"	GAM7	4.75	50
1"	GAM12	5.40	50



F

Female NPT Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1/2"	GAM3	\$3.95	25
3/4"	GAM8	4.15	50
1"	GAM13	4.60	50



Blank End

Plated Steel		Pkg Qty
Part #	Price/E	
GAM0	\$4.30	25



Triple Connection

Plated Steel		Pkg Qty
Part #	Price/E	
GAM10	\$9.10	25



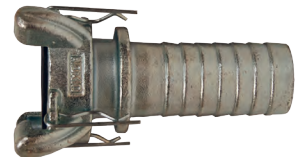
Global Air King 4 - Lug Quick-Acting Couplings

Features:

- supplied with safety clip and rubber washers
- pressure rating: **150 PSI** at ambient temperature (70°F)
- use with Boss clamps, see page 111-112.
- not to be used for steam service 
- must use safety clips, safety clips are same size for both 2-lug and 4-lug Air King Couplings, see page 120 

Hose Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1 1/4"	GAM16	\$13.35	25
1 1/2"	GAM21	15.50	25
2"	GAM26	18.45	10



Female NPT Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1 1/4"	GAM18	\$12.50	25
1 1/2"	GAM23	13.60	25
2"	GAM28	14.80	20



Air King is for air and water service only *Warning: Never use any Air King coupling for steam service!*
None of Dixon's catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Global Air King Ferrules

Features:

- low profile streamline appearance with maximum retention
- lightweight
- can be crimped
- designed for use with global Air King fittings
- see page 840 for crimp recommendations and ferrule OD ranges



Size	Ferrule ID	Plated Steel	
		Part #	Price/E
½"	0.906"	CCF0906	\$1.15
	1.120"	CCF1120	1.55
¾"	1.149"	CCF1149	1.55
	1.190"	CCF1190	1.55
	1.218"	CCF1218	1.55
	1.246"	CCF1246	1.55
	1.438"	CCF1438	2.35
	1.469"	CCF1469	2.35
1"	1.500"	CCF1500	2.35
	1.531"	CCF1531	2.35

Air King Clamps



- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance.



Size	Hose OD		Plated Iron		Opt Qty	Torque ¹
	From:	To:	Part #	Price/E		
¾"	44/64"	56/64"	CD ³	\$8.75	100	6
½"	1"	1-12/64"	A4	8.60	50	6
¾"	1-8/64"	1-20/64"	A9 ³	9.85	50	21
1"	1-20/64"	1-32/64"	A10 ^{2,3}	12.75	50	21
1"	1-32/64"	1-52/64"	A14	17.50	50	21

¹ recommended torque rating given in lbs.

² can be used with **AM6** and **AM11**

³ global investment cast carbon steel

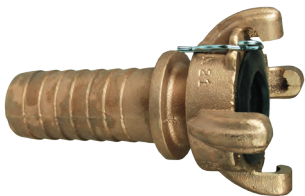
Air King 4 - Lug Quick-Acting Couplings

Features:

- supplied with safety clip and rubber washers
- pressure: **150 PSI** at ambient temperature (70°F)
- use with Boss clamps, see page 111.
- not to be used for steam service
- must use safety clips, safety clips are same size for both 2-lug and 4-lug, Air King Couplings see page 120



Hose Ends



Size	Iron		Brass		Opt Qty
	Part #	Price/E	Part #	Price/E	
1¼"	AM16	\$28.35	AB16 ¹	\$63.50	25
1½"	AM21	29.40	AB21 ¹	65.80	25
2"	AM26	41.55	AB26	87.10	10

¹ item will be discontinued when stock is depleted

Female NPT Ends



Size	Iron		Brass		Opt Qty
	Part #	Price/E	Part #	Price/E	
1¼"	AM18	\$28.35	AB18 ¹	\$72.50	25
1½"	AM23	26.90	AB23 ¹	70.35	25
2"	AM28	33.85	AB28	82.10	10


¹ item will be discontinued when stock is depleted



Air King is for air and water service only *Warning: Never use any Air King coupling for steam service!*
None of Dixon's catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Air King with Ferrules

Features:

- working pressure: **150 PSI** at ambient temperature (70°F)
- design provides quick, easy and effective coupling of air hose
- interlocking ferrule can be crimped or swaged to achieve maximum coupling sealing and retention with a low profile streamline appearance, for crimp or swage diameter recommendations see page 839
- for air and water service only 

Style	Hose OD		Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	54/64"	1-2/64"	AM1WF	\$14.85	---	---
¾"	1-4/64"	1-22/64"	AM6WF	12.45	RAM6WF	\$64.00
1"	1-18/64"	1-34/64"	AM11WF-1	22.00	---	---
1"	1-30/64"	1-46/64"	AM11WF	16.50	---	---



F

Air King with Gauge Port

Features:


- drilled with ¼" NPT port for mounting a gauge
- gauge sold separately

Size	Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
¾"	AM7T	\$24.30	RAM7T	\$76.00



Air King Universal Swivels

Features:

- working pressure: **150 PSI** at ambient temperature (70°F)
- interchanges with other Air King fittings
- includes a heavy-duty, free-turning joint that swivels under pressure to prevent hose kinking
- for air and water service only 



hose end



male NPT



female NPT

Style	Iron		Iron		Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	---	---	AM2SWIV	\$63.75	---	---
¾"	AM6SWIV	\$73.90	AM7SWIV	61.40	AM8SWIV	\$64.65



Air King is for air and water service only Warning: Never use any Air King coupling for steam service! None of Dixon's catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Compressor Y

Application:

- converts a single supply source to a dual outlet

Female NPT Inlet (1)	Male NPT Outlets (2)	Iron	
		Part #	Price/E
1"	¾"	Y10075	\$59.75



Air King Accessories

Features:

- The use of an Air King safety clip or wire type retainer is necessary to ensure couplings will not become accidentally disconnected. This guarantees the fittings are properly connected as the pin will not go through the holes in the mating flanges until couplings are locked in place.
- only one Air King safety clip or wire type retainer is required for each Air King universal coupling

Standard Safety Clip

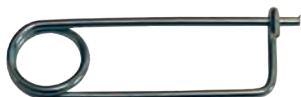


Feature:

- same size clip can be used for all coupling sizes

Wire Diameter	Part #	Price/E	Pkg Qty
.080	AC1	\$0.30	25

Air King Safety Pins



Feature:

- heavy duty, oversized

Wire Diameter	Part #	Price/E
.058	AKSP1	\$1.30
.091	AKSP25	1.45

Stainless Steel Clip



Feature:

- same size clip can be used for all coupling sizes

Wire Diameter	Part #	Price/E
.072	AC7	\$2.25

Lanyards



Features:

- synthetic cord
- same size for all coupling sizes

Part #	Price/E	Pkg Qty
ACL8	\$0.40	25



Features:

- breaking strength: 160 lbs.
- overall length: 7" eye to eye

304 stainless Part #	Price/E
LR7	\$8.00

Washers



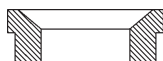
AWR4



AWS6



AWR14



Features:

- 2 lug couplings use the same size washer (AWR4, AWS6)
- 4 lug couplings use the same size washer (AWR14)
- rubber temperature range: **-20°F to 160°F**
- neoprene temperature range: **-20°F to 190°F**
- neoprene is oil resistant

Part #	Material	Style	Price/E	Pkg Qty
AWR4¹	rubber	2 lug	\$0.60	50
AWS6	neoprene	2 lug	0.80	50
AWR14	rubber	4 lug	4.40	---

¹ made from Styrene-butadiene (SBR)

Sand Blast Couplings

Features:

- designed for use on sand blast hose
- supplied with screws
- nozzle holders have 1¼" NPSM thread
- pressure: 110 PSI at ambient temperature (70°F)
- abrasive blasting equipment must have hose safety cables (page 131) or hose coupling safety locks installed



Installation:

- 1) Ends of hose must be cut square to fit snug against metal end.
- 2) Holding hose tight to end of fitting, insert screws and turn in full, putting screw 180° from first to ensure best centering.
- 3) After all screws have been placed, check tube opposite screws to be sure screws have not penetrated completely through.
- 4) On quick couplings, insert safety clips

Quick Couplings

Hose Size	Hose OD	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
¾"	1-1/2"	BSB75	\$49.00	ASB75	\$16.10
1"	1-7/8"	BSB100	49.75	ASB100	17.95
1¼"	2-5/32"	BSB125	88.75	ASB125	31.20
1½"	2-3/8"	BSB150	99.50	ASB150	35.35



F

Nozzle Holders

Hose Size	Hose OD	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
¾"	1-1/2"	BNH75	\$46.00	ANH75	\$14.75
1"	1-7/8"	BNH100	52.00	ANH100	16.80
1¼"	2-5/32"	BNH125	75.50	ANH125	22.10
1½"	2-3/8"	BNH150	98.00	ANH150	29.25



Threaded Couplings

Hose Size	Brass		Aluminum	
	Part #	Price/E	Part #	Price/E
1¼"	BSC125	\$54.50	ASC125	\$15.90
1½"	BSC150	54.50	ASC150	15.90



Replacement Parts

Part #	Description	Price/E
SBG	black nitrile replacement gasket	\$1.20
USBG	urethane replacement gasket	4.85
SBCS	replacement screw, sold in sets	0.50



SBG




USBG

Surelock Quick Acting Couplings

Applications:

- multi-purpose coupling for water and air, commonly used in construction and mining; excels in services where ease, economy, safety and speed are paramount

Features:

- pressure activated gasket allows for easy coupling (less than 15 lbs. of force is required to connect the coupling gaskets seal upon introduction of line pressure)
- body: SG iron AS1831 400-250-12
- bellow seal: natural rubber (patent pending), other seal material available upon request
- working pressure: **500 PSI** at ambient temperature (70°F)
- safety pin is supplied with each coupling and is required as a safety precaution 

Hose Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038H	\$10.20	50
	1/2"	SL050H	12.25	50
	3/4"	SL075H	12.40	50
	1"	SL100H	14.20	50
medium	1 1/2"	SL150H	40.00	15
	2"	SL200H	48.50	10

Male NPT Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038M	\$13.40	50
	1/2"	SL050M	13.30	50
	3/4"	SL075M	13.40	50
	1"	SL100M	13.60	50
medium	1 1/2"	SL150M	40.00	15
	2"	SL200M	39.25	15


Female NPT Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	SL038F	\$14.00	50
	1/2"	SL050F	14.90	50
	3/4"	SL075F	12.60	50
	1"	SL100F	14.00	50
medium	1 1/2"	SL150F	35.00	15
	2"	SL200F	37.50	15

Surelock Quick Acting Couplings with Ferrules

Features:

- design provides quick, easy and effective coupling of air hose
- interlocking ferrule can be crimped or swaged to achieve maximum coupling sealing and retention with a low profile streamline appearance, see page 841 for crimp recommendations
- Dixon recommends that all hose assemblies be tested in accordance with ARPM testing procedures.
- working pressure: **500 PSI** at ambient temperature (70°F)
- for air and water service only 



Head	Size	Hose OD		Part #	Price/E
		From:	To:		
small	1/2"	1/2"	1-2/64"	SL050CR	\$16.40
	3/4"	3/4"	1-22/64"	SL075CR	17.90
	1"	1"	1-46/64"	SL100CR	18.50

Surelock Accessories

Blank Ends

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SL00	\$13.40	15
medium ¹	1½" to 2"	SL01	49.00	3

¹ medium blank end comes with 1" NPT pipe plug



small blank end

medium blank end ¹

F

Three Way Connectors

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SL09	\$32.20	15
medium ¹	1½" to 2"	SL10	130.00	3

¹ medium three way connector comes with 1" NPT pipe plug



small three way connector

medium three way connector ¹

Standard Natural Rubber Seals

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	SLR1	\$1.60	1
medium	1½" to 2"	SLR2	2.40	1



SLR2

Safety Locking Pin

The use of a safety locking pin is necessary to ensure that Surelock couplings will not become accidentally disconnected. This guarantees that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.



Part #	Price/E	Pkg Qty
SLP1	\$0.32	25



Dix-Lock Quick Acting Couplings

Feature:

- pressure: 300 PSI in brass; 500 PSI in steel, 303 stainless steel at ambient temperature (70°F)

Male Head x Hose End

Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	QM1	\$54.58	25
1/2"	3/8"	plated steel	QM2	23.41	25
1/2"	1/2"	plated steel	QM3	23.88	25
1/2"	3/4"	plated steel	QM4	23.88	25
1/2"	1"	plated steel	QM5	26.43	25
1/2"	3/8"	brass	QB2	40.21	--
1/2"	1/2"	brass	QB3	40.21	--
1/2"	3/4"	brass	QB4	40.21	--
1/2"	1"	brass	QB5	40.79	25
1/2"	3/4"	303 stainless	QSS4	80.96	--



F

Female Head x Hose End

Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	QM20	\$47.72	25
1/2"	3/8"	plated steel	QM21	19.35	25
1/2"	1/2"	plated steel	QM22	19.35	25
1/2"	3/4"	plated steel	QM23	19.35	25
1/2"	1"	plated steel	QM25	21.32	25
1/2"	3/8"	brass	QB21	28.94	--
1/2"	1/2"	brass	QB22	28.94	--
1/2"	3/4"	brass	QB23	28.94	--
1/2"	1"	brass	QB25	31.77	25
1/2"	3/4"	303 stainless	QSS23	59.43	--



Male Head x Male NPT End

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	QM40	\$51.46	25
1/2"	3/8"	plated steel	QM41	24.68	25
1/2"	1/2"	plated steel	QM42	24.68	25
1/2"	3/4"	plated steel	QM43	24.68	25
1/2"	1"	plated steel	QM45	26.43	25
1/2"	3/8"	brass	QB41	36.07	--
1/2"	1/2"	brass	QB42	36.07	--
1/2"	3/4"	brass	QB43	36.07	25
1/2"	1"	brass	QB45	37.73	--
1/2"	3/4"	303 stainless	QSS43	80.96	10



Female Head x Male NPT End

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	QM60	\$42.41	25
1/2"	3/8"	plated steel	QM61	19.35	25
1/2"	1/2"	plated steel	QM62	19.35	25
1/2"	3/4"	plated steel	QM63	19.35	25
1/2"	1"	plated steel	QM65	34.61	25
1/2"	3/8"	brass	QB61	28.94	--
1/2"	1/2"	brass	QB62	28.94	--
1/2"	3/4"	brass	QB63	28.94	--
1/2"	1"	brass	QB65	31.65	25
1/2"	3/4"	303 stainless	QSS63	59.43	--



Dix-Lock Quick Acting Couplings

Feature:

- pressure rating: 300 PSI in brass, 500 PSI in steel, 303 stainless steel at ambient temperature (70°F)

Male Head x Female NPT End

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	QM81	\$23.88	25
1/2"	1/2"	plated steel	QM82	23.88	25
1/2"	3/4"	plated steel	QM83	23.88	25
1/2"	1"	plated steel	QM85	26.43	25
1/2"	3/8"	brass	QB81	37.61	--
1/2"	1/2"	brass	QB82	37.61	--
1/2"	3/4"	brass	QB83	37.61	--
1/2"	1"	brass	QB85	39.26	25
1/2"	3/4"	303 stainless	QSS83	80.96	--



F

Female Head x Female NPT End

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/4"	plated steel	QM101	\$19.35	25
1/2"	1/2"	plated steel	QM102	19.35	25
1/2"	3/4"	plated steel	QM103	19.35	25
1/2"	1"	plated steel	QM105	21.32	25
1/2"	3/4"	brass	QB101	28.94	--
1/2"	1/2"	brass	QB102	28.94	--
1/2"	3/4"	brass	QB103	28.94	--
1/2"	1"	brass	QB105	31.77	25
1/2"	3/4"	303 stainless	QSS103	59.29	--



Male Locking Head x Hose Shank

Body Size	Hose Shank Size	Material	Part #	Price/E
1/2"	1/2"	plated steel	QM33	\$32.72
1/2"	3/4"	plated steel	QM44	31.87
1/2"	1/2"	brass	QB33	43.86
1/2"	3/4"	brass	QB44	43.86



Male Locking Head x Male NPT

Feature:

- positive safety lock; with locking nut in place sleeve cannot be moved to open coupling

Body Size	Male NPT	Material	Part #	Price/E
1/2"	1/2"	plated steel	QM66	\$32.72
1/2"	3/4"	plated steel	QM88	32.72
1/2"	1/2"	brass	QB66	43.86
1/2"	3/4"	brass	QB88	43.86



Dix-Lock Gaskets

Body Size	Buna-N	
	Part #	Price/E
3/8"	QBM1	\$1.39
1/2"	QBM2	1.39



Dix-Lock Converter



Body Size	Part #	Plated Steel		Opt Qty
		Price/E		
1/2"	QMO	\$64.03		25

Dix-Lock Caps

F



Body Size	Part #	Brass		Opt Qty	Plated Steel		Opt Qty
		Price/E			Part #	Price/E	
1/2"	QBCAP	\$26.06		25	QMCAP	\$22.69	25

Dix-Lock Quick-Acting Couplings with Ferrules

Features:

- working pressure: **300 PSI** at ambient temperature (70°F)
- for crimp recommendations see page 838
- also available in stainless steel, contact Dixon for further information

Female Head



Body Size	Hose ID	Hose OD		Material	Part #	Price/E
		From:	To:			
1/2"	1/2"	27/32"	1-1/32"	plated steel	QM22WF	\$26.60
1/2"	3/4"	1-5/32"	1-11/32"	plated steel	QM23WF	26.60
1/2"	1/2"	27/32"	1-1/32"	brass	QB22WF	36.60
1/2"	3/4"	1-5/32"	1-11/32"	brass	QB23WF	36.60

Male Head



Body Size	Hose ID	Hose OD		Material	Part #	Price/E
		From:	To:			
1/2"	1/2"	27/32"	1-1/32"	plated steel	QM3WF	\$33.20
1/2"	3/4"	1-5/32"	1-11/32"	plated steel	QM4WF	33.20
1/2"	1/2"	27/32"	1-1/32"	brass	QB3WF	50.20
1/2"	3/4"	1-5/32"	1-11/32"	brass	QB4WF	50.20

Male Locking Head



Body Size	Hose ID	Hose OD		Material	Part #	Price/E
		From:	To:			
1/2"	1/2"	27/32"	1-1/32"	plated steel	QM33WF	\$41.60
1/2"	3/4"	1-5/32"	1-11/32"	plated steel	QM44WF	41.60
1/2"	1/2"	27/32"	1-1/32"	brass	QB33WF	52.90
1/2"	3/4"	1-5/32"	1-11/32"	brass	QB44WF	52.90

- 3/8" and 1" Dix-lock with ferrules are available upon request

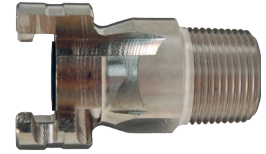
Dual Lock Quick-Acting Couplings

Features:

- interchanges with National A type, Dixon Quick Coupling P type and Thor PHC series couplings
- PM and PF series must be used with mating locking sleeve fittings
- spring loaded interlocking engagement
- full opening permits full flow to tool
- optional locking key prevents sleeve retraction
- working pressure: **300 PSI** at ambient temperature (70°F)
- trivalent chrome plated

Male Pipe Thread

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	PM6	\$19.72	25
1/2"	1/2"	plated steel	PM8	19.35	25
1/2"	3/4"	plated steel	PM12	20.32	25
1/2"	1"	plated steel	PM16	22.78	25
1/2"	1/2"	brass	PMB8	58.78	25
1/2"	3/4"	brass	PMB12	63.47	25
1/2"	1"	brass	PMB16	63.47	25
1/2"	3/4"	303 stainless	PM12SS	141.52	10



must be used with locking sleeve fittings below

F

Female Pipe Thread

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	PF6	\$22.74	25
1/2"	1/2"	plated steel	PF8	24.63	25
1/2"	3/4"	plated steel	PF12	24.74	25
1/2"	1"	plated steel	PF16	26.94	25
1/2"	1/2"	brass	PFB8	62.87	25
1/2"	3/4"	brass	PFB12	61.29	25
1/2"	1"	brass	PFB16	63.47	25
1/2"	3/4"	303 stainless	PF12SS	141.52	10



must be used with locking sleeve fittings below

Hose End Barb with Locking Sleeve

Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	PHL6	\$35.23	25
1/2"	1/2"	plated steel	PHL8	35.23	25
1/2"	3/4"	plated steel	PHL12	37.22	25
1/2"	1"	plated steel	PHL16	56.71	25
1/2"	3/4"	brass	PHLB12	82.73	25
1/2"	1"	brass	PHLB16	90.21	25
1/2"	3/4"	303 stainless	PHL12SS	327.82	10



Male Pipe Thread with Locking Sleeve

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	PML6	\$33.33	25
1/2"	1/2"	plated steel	PML8	33.15	25
1/2"	3/4"	plated steel	PML12	33.15	25
1/2"	3/4"	303 stainless	PML12SS	285.84	10



Female Pipe Thread with Locking Sleeve

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	1/2"	plated steel	PFL8	\$37.96	25
1/2"	3/4"	plated steel	PFL12	37.96	25
1/2"	3/4"	303 stainless	PFL12SS	273.53	10



Replacement Gaskets

Buna-N		FKM	
Part #	Price/E	Part #	Price/E
855206	\$2.63	452963	\$6.54



Locking Key

Steel	
Part #	Price/E
855231	\$1.81



- fits couplings with locking sleeve

Dual Lock Quick-Acting Couplings with Ferrule

Features:

- working pressure: **300 PSI** at ambient temperature (70°F)
- trivalent chrome plated coupling with plated steel ferrule
- also available in brass and stainless steel
- for crimp recommendations see page 838
- 3/8" and 1" sizes available upon request, contact Dixon



Body Size	Hose ID	Hose OD		Part #	Price/E
		From:	To:		
1/2"	1/2"	54/64"	1-2/64"	PHL8WF	\$42.00
1/2"	3/4"	1-10/64"	1-22/64"	PHL12WF	43.95

F

Dual Lock Quick-Acting Couplings with Knurled Flanged Sleeve

Features:

- large, raised collar sleeve permits easier handling when wearing gloves
- trivalent chrome plated steel



Hose End Barb with Knurled Flanged Sleeve

Body Size	Hose ID Size	Part #	Price/E	Opt Qty
1/2"	3/8"	PHL6FS	\$38.99	25
1/2"	1/2"	PHL8FS	38.99	25
1/2"	3/4"	PHL12FS	40.98	25

Male Pipe Thread with Knurled Flanged Sleeve



Body Size	Male NPT	Part #	Price/E	Opt Qty
1/2"	3/8"	PML6FS	\$37.09	25
1/2"	1/2"	PML8FS	36.91	25
1/2"	3/4"	PML12FS	36.91	25

Female Pipe Thread with Knurled Flanged Sleeve



Body Size	Female NPT	Part #	Price/E	Opt Qty
1/2"	1/2"	PFL8FS	\$41.72	25
1/2"	3/4"	PFL12FS	41.72	25

Dual Y Valves

Features:

- dual action valve, ideal for compressor applications
- pressure rating:
 - non-vented: **600 PSI** WOG
 - vented: **125 PSI** CWP (Cold Working Pressure)



vented

Non-Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Brass	
		Part #	Price/E
1"	3/4"	BBV100DW	\$163.90
1 1/4"	3/4"	BBV125DW	163.90

Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Brass	
		Part #	Price/E
1"	3/4"	BBV100DWV	\$163.90
1 1/4"	3/4"	BBV125DWV	163.90

Steel 3500 Nipples

Features:

- working pressure: **600 PSI** at ambient temperature (70°F)
- for air and water service only
- The constant vibration created by air tools, like air drills and pavement breakers, is destructive to air hose couplings, especially the quick-acting type. To provide protection against coupling breakage and related hazards, Dixon recommends the use of a whip hose. To construct a whip hose, connect one end of a short (3' to 10') air hose to the air tool using a 3500 type steel nipple. Connect the other end of the hose to the air supply using the standard quick-acting coupling. The heat-treated 3500 nipple will withstand vibration far better than the standard coupling and provide a safer connection. The whip hose should remain permanently connected to the tool.



Male Nipples

Hose Size	Male NPT	Zinc Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/8"	3501	\$6.80	100
1/4"	1/4"	3502	5.50	100
1/4"	3/8"	3504	7.20	100
3/8"	1/4"	3505	6.60	100
3/8"	3/8"	3506	6.45	100
3/8"	1/2"	3508	9.60	100
1/2"	1/4"	3509	7.65	100
1/2"	3/8"	3510	7.30	100
1/2"	1/2"	3512	9.00	100
1/2"	3/4"	3511	13.45	50
3/4"	1/2"	3513	12.75	50
3/4"	3/4"	3514	11.60	50
3/4"	1"	3515	24.70	25
1"	3/4"	3516	20.45	25
1"	1"	3518	17.40	25



F

Female Nipples

Hose Size	Female NPT	Zinc Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	3542	\$12.05	100
3/8"	1/4"	3545	12.25	50
3/8"	3/8"	3546	12.40	50
1/2"	3/8"	3550	11.80	100
1/2"	1/2"	3552	14.65	50
3/4"	3/4"	3554	20.00	50



3500 Nipples with Ferrules

Features:

- zinc plated steel 3500 nipple with carbon steel ferrule
- can be crimped or swaged-on to achieve maximum coupling sealing and retention, for crimp dimensions see page 838
- low profile, streamline appearance

Hose Size	Male NPT	Hose OD		Steel	
		From:	To:	Part #	Price/E
3/8"	1/4"	46/64"	50/64"	3505WF	16.20
3/8"	1/2"	46/64"	50/64"	3508WF	18.90
1/2"	1/4"	54/64"	58/64"	3509WF	18.35
1/2"	3/8"	54/64"	58/64"	3510WF	18.00
1/2"	3/4"	54/64"	58/64"	3511WF	24.00
1/2"	1/2"	54/64"	58/64"	3512WF	21.50
3/4"	3/4"	1-10/64"	1-14/64"	3514WF	21.70
1"	1"	1-30/64"	1-34/64"	3518WF	24.05
1"	1"	1-34/64"	1-38/64"	3518WF2	23.60



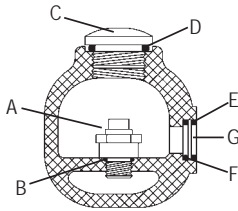
In-Line Lubricators

Features:

- protects portable or stationary air tools by efficiently oiling the tool mechanisms; each time an air tool is operated a fine mist of oil is injected into it along with the air from the compressor
- installation is recommended within 25' of the tool to be lubricated, refer to the arrow for proper air flow direction
- transparent sight disc allows visual inspection of oil level
- oil flow regulated by screwdriver screw adjustment, minimum flow rate is 30 SCFM
- not recommended for constant flow applications
- for reciprocating tools only
- type of oil to use: any petroleum-based, non-detergent light weight oil (SAE 10/150SSU) which will readily break up into a mist, i.e., Mobil DTE light or comparable oil, do not use any synthetic oil or oils containing additives or solvents
- see page 149 for air tool lubricant



F



NPT Size	Oil Capacity	Max. Working Pressure at ambient temperature (70°F)	Air Flow at 70 PSI	Aluminum	
				Part #	Price/E
½"	1.4 fluid ozs.	500 PSI	30 SCFM	PL300	\$111.80
¾"	3.7 fluid ozs.	200 PSI	70 SCFM	PL400	116.90
¾"	11.0 fluid ozs.	300 PSI	70 SCFM	PL400L	145.00
1"	16.0 fluid ozs.	250 PSI	100 SCFM	PL500	193.40

Replacement Parts

Description	Part #	Price/E	Description	Part #	Price/E
(A) oil adjustment valve assembly	851661	\$46.00	(D) fill plug O-ring	700013-214	\$2.00
(B) valve gasket	452531	2.75	(E) sight disk	452532	2.90
(C) fill plug	452525	14.00	(F) sight disk seal	700013-016	2.30
			(G) sight disk lock nut	452533	6.75

In-Line Air Filters

Features:

- protects small air tools, such as impact wrenches, nut runners, grinders and screwdrivers
- all-anodized, compact housing
- install directly before the air tool
- maximum operating pressure: **500 PSI**
- temperature range: **35°F to 200°F**
- air flow: 140 SCFM
- male x female configuration
- standard 40 micron element ensures minimum pressure drop
- elements can be replaced quickly



Male NPT	Overall Length	Diameter	Weight Lbs.	Aluminum	
				Part #	Price/E
¾"	3-13/16"	1½"	.46	9076M	\$75.00

In-Line Lubricator with Filter

Feature:

- consists of **9076M** particle filter with 40 micron sintered bronze element and **PL400** (3.7 ounce) or **PL400L** (11.0 ounce) lubricator



NPT Size	Oil Capacity	Max. Work. Press. at ambient temp. (70°F)	Aluminum	
			Part #	Price/E
¾"	3.7 fluid ozs.	200 PSI	PL400WF	\$197.10
¾"	11.0 fluid ozs.	300 PSI	PL400LWF	223.25

In-Line Lubricator Base

Features:

- base can be fitted to any existing PL lubricator
- keeps lubricator from flipping or rolling over, ensuring that it provides continuous lubrication to the downstream air tool




lubricator is not included with the base

Used On	Aluminum	
	Part #	Price/E
leveling base for PL300	LB300	\$15.00
leveling base for PL400	LB400	15.75
leveling base for PL500	LB500	16.00

King Safety Cables

Features:

- must be installed in the extended position (no slack) 
- cable reaches across hose fittings to provide standby safety for hose
- spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose
- no tools needed - easy to install and remove
- cables shipped with safety restraint labels attached
- highly resistant to rust and corrosion
- low cost answer to eliminating injuries caused by broken air hose connections
- hose-to-hose or hose-to-rigid outlet
- maximum operating pressure: **200 PSI**
- When hose, couplings or clamps fail, or there is an accidental separation of the assembly, King safety cables minimize damage to equipment and injuries to operators. A positive safeguard for air hose connections - helping you meet today's safety standards.

F



Style WSR, for hose-to-tool service

Hose ID	Cable	Length	Maximum Working Pressure (PSI)	Steel		Stainless Steel	
				Part #	Price/E	Part #	Price/E
1/2" - 1 1/4"	1/8"	20 1/4"	200	WSR1	\$18.45	WSR1SS	\$48.25
1/2" - 2"	3/16"	28"	200	WSR3	26.50	---	---
1 1/2" - 3"	1/4"	38"	200	WSR2	29.10	WSR2SS	101.80
4"	3/8"	44"	200	WSR4	64.40	---	---



Style W, for hose-to-hose service

Hose ID	Cable	Length	Maximum Working Pressure (PSI)	Steel		Stainless Steel	
				Part #	Price/E	Part #	Price/E
1/2" - 1 1/4"	1/8"	20 1/4"	200	WB1	\$18.45	WB1SS	\$51.05
1/2" - 2"	3/16"	28"	200	WB3	27.35	---	---
1 1/2" - 3"	1/4"	38"	200	WA2	30.00	WA2SS	107.10
4"	3/8"	44"	200	WA4	64.45	---	---

King Safety Cable Options



WB1C
WB1 with safety clip and lanyard



WSR1E
WSR1E with stainless steel marine eye

Hose ID	Cable	Part #	Description	Max. Work. Press. PSI	Price/E
1/2" - 1 1/4"	1/8"	WSR1C	WSR1 with safety clip and lanyard used to lock Air King couplings	200	\$32.10
1/2" - 1 1/4"	1/8"	WB1C	WB1 with safety clip and lanyard used to lock Air King couplings	200	31.55
1/2" - 1 1/4"	1/8"	WSR1E	WSR1 with stainless steel safety marine eye used to connect safety cable to a bolt on tool	200	59.00
1 1/2" - 3"	1/4"	WA2B	WA2 with bronze/copper ferrule for special environmental conditions	200	60.10

• see page 791 for OSHA regulations

2014
NEW

King Safety Whipsock

Application:

- used in high pressure applications such as air, water, hydraulic and slurry

Features:



- King Safety Whipsocks keep the hose under control in the event of a high-pressure hose assembly failure.
- dual anchor points secured beyond the fittings eliminate hose whip
- be sure the anchoring points are rated for the application
- galvanized steel woven stockings extend down the hose to grip securely over a larger area preventing whip, abrasion and wear
- contact Dixon with questions regarding working pressure, available options or custom configurations



Size	OD Range	Length	Max. Working Pressure PSI	Galvanized Steel Part #	Price/E
3/8"	.315" - .5512"	15.75"	5000	KSW06	\$228.00
1/2"	.5512" - .7874"	21.65"	3000	KSW08	252.00
3/4"	.7874" - 1.181"	25.20"	2000	KSW12	262.00
1"	1.181" - 1.575"	34.25"	1500	KSW16	286.00
1 1/4"	1.575" - 1.969"	38.19"	1000	KSW20	320.00
1 1/2"	1.969" - 2.362"	49.21"	700	KSW24	345.00
2"	2.362" - 2.756"	51.18"	1300	KSW32	390.00
2 1/2"	2.756" - 3.346"	53.15"	800	KSW40	420.00
3"	3.346" - 3.937"	72.44"	750	KSW48	570.00
3 1/2"	3.937" - 4.724"	72.05"	550	KSW56	670.00
4"	4.724" - 5.512"	86.61"	550	KSW64	750.00
6"	5.512" - 7.087"	93.31"	250	KSW96	790.00

F

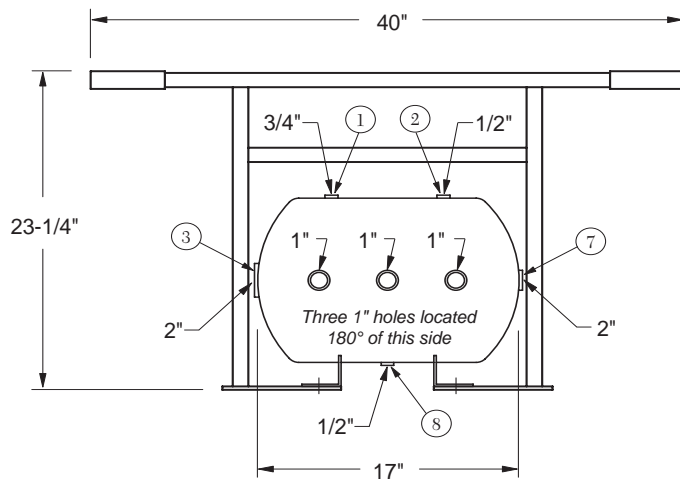
ASME Air Receiver Manifold

Features:

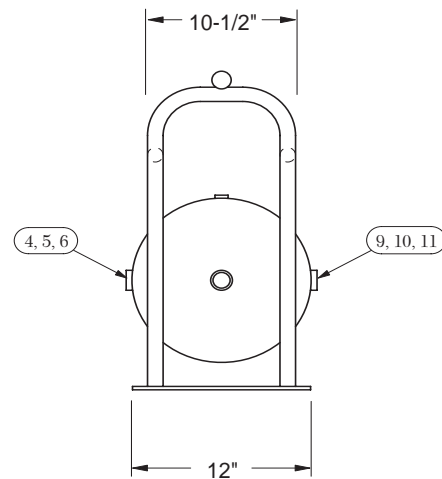
- built to ASME Code, National Board registered
- conforms to OSHA standards 1910.169 and 1926.306
- 7 gallon capacity
- painted safety orange
- all openings are female NPT thread
- working pressure: **200 PSI**



1217AR-4AK



1217AR-4FR



Dixon 1217AR-4AK air receiver manifold assembly with Air King outlet ports includes the following components:

Part # / Locations	Qty	Description	Price/E	Price
1217AR-4	1	ASME compressed air receiver	---	\$1210.00
1217FRAME	1	protective frame	---	400.00
Location 1	1	HB2F6M 3/4" male x 1/4" female hex bushing	\$7.85	7.85
	1	GL345 0-300 PSI gauge	18.95	18.95
Location 2	1	HB2F4M 1/2" male x 1/4" female hex bushing	4.27	4.27
	1	SV200 safety pop-off valve	35.75	35.75
Location 3	1	GM28 2" male spud	54.00	54.00
	1	B27SC wing nut cap	82.25	82.65
Locations 4, 5, 6, 9, 10, 11	6	HB1075G 1" male x 3/4" female bushings	6.55	39.30
	6	BCN75 3/4" brass hex nipples	7.50	45.00
	6	BBLV75 ball valves	69.85	419.10
	6	SCVS6 safety shut-off valves	99.76	598.56
	6	AM7 Air King universal couplings	8.50	51.00
	4	SE45100 45° street elbow (1 each in locations 4, 6, 9 and 11 only)	9.20	36.80
Location 7	1	HB2075 2" male x 3/4" female bushing	8.45	8.45
	1	BCN75 3/4" brass hex nipples	7.50	7.50
	1	BBLV75 ball valve	69.85	69.85
	1	SCVS6 safety shut-off valve	99.76	99.76
	1	AM7 Air King universal coupling	8.50	8.50
Location 8	1	HB2F4M 1/2" male x 1/4" female hex bushing	4.27	4.27
	1	D04 1/4" drain cock	4.95	4.95
	---	Labor cost for assembly of complete unit	---	320.00
1217AR-4AK	1	7 gallon ASME compressed air receiver manifold complete assembly with Air King	---	3526.11
Tank and Frame only				
1217AR-4FR	1	7 gallon ASME compressed air receiver with frame only	---	\$1610.00

ASME Air Receiver Manifold Assembly with Air King Fittings and Watts Filter



Application:

- Designed to remove compressed air contaminants such as water, compressor oil, dirt, pipe scale and water particles from the air supply at the point of entry into the ASME air receiver manifold.

Features:

- includes basic 1217AR-4AKASME manifold assembly
- F602-16WJR 2" auto drain filter with 26 ounce metal bowl and related plumbing installed on the inlet port of the ASME air receiver manifold
- air supply hose connects directly to GM28 2" male spud on the filter air inlet
- includes a B27SC wing nut cap with a chain

Inlet	Outlet	Part #	Price/E
2"	3/4"	1217AR-4AKWF	\$4995.00

Wilkerson Combination Unit with Protective Frame

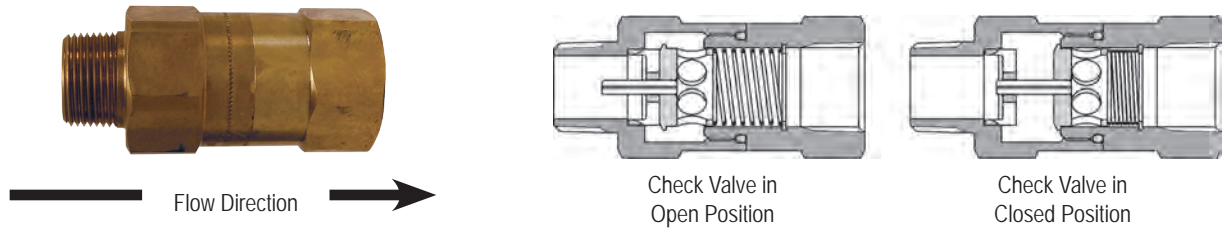


Features:

- provides downstream air preparation with protective frame
- C31-08AMB 1" FRL with metal bowls and auto drain filter
- FBV100 1" brass ball valve and AM12 air king on inlet port
- BBV100DTW 2-way ball valve installed between regulator and lubricator provides option for non-lubricated air
- heavy duty frame protects air prep components
- operating:
 - maximum pressure: **250 PSIG**
 - temperature range: **40°F to 150°F**
 - flow: 320 SCFM

Size	Part #	Price/E
1"	C31-08FRAME	\$2045.00

Safety Check Valves



Application:

- used in temporary plant/factory air lines, construction sites, shipyards or utilities
- not for use in applications where 100% of the available air is required, i.e. sand blast, pile driving rigs, expansion joint blow down pipes, etc.



F

Features:

- high flow valve provides optimum performance
- controls excess air flow (SCFM) in only one direction
- automatically senses change in air flow and shuts off the flow in the event of a surge in excess of valve flow rating thus preventing hose whip
- solid brass body and valve
- stainless steel spring and roll pin
- maximum operating pressure: **250 PSI**
- maximum temperature: **250°F**
- does not prevent backflow

Specification:

- conforms to OSHA regulation 1926.302 (b) (7) requiring a safety device at the source of the air supply and at branch air lines

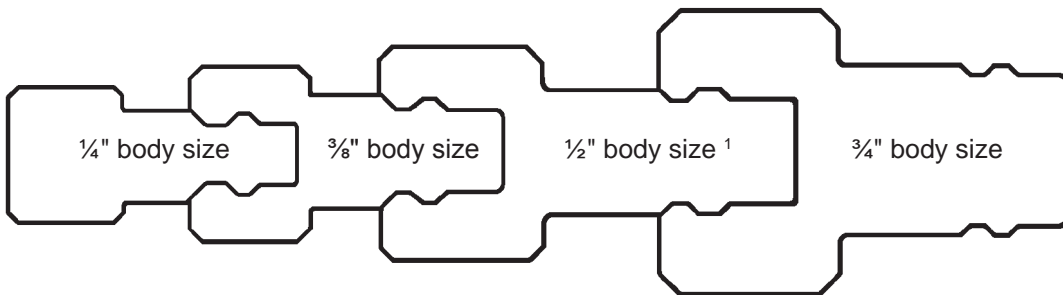
How It Works:

- Safety check valves utilize the pressure differential across the valve to operate the valve and spring assembly. The pressure differential is directly related to the flow of air (SCFM) through the valve.
- When the pressure differential is within the operating limits - below the cutoff flow - of the unit, the force on the valve exerted by the spring is greater than that caused by the pressure differential (see "Open Position" graphic above). The valve remains open and normal operation continues.
- When the pressure differential is above the cutoff limit, the force on the valve exerted by the pressure differential is greater than the force exerted by the spring, and the valve closes (see the "Closed Position" graphic above).
- After the repair is made, normal operation is automatically enabled when pressure across the valve equalizes through the bleeder hole.
- The valve spring size can be specified by determining the air flow during normal operation and by estimating the air flow if a failure or rupture occurs.

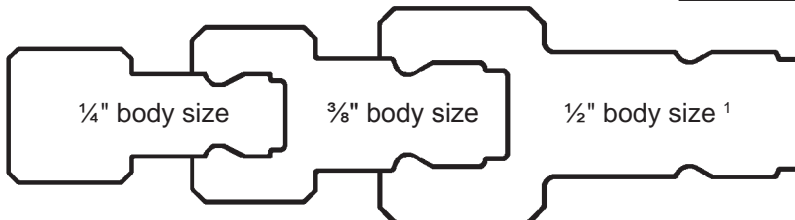
NPT and Hose ID Size	Part #	Cut-off Flow Rate (SCFM at 90 PSI)	Price/E	NPT and Hose ID Size	Part #	Cut-off Flow Rate (SCFM at 90 PSI)	Price/E
1/4"	SCVL2	23-29	\$62.58	1 1/4"	SCVL10	260-290	\$233.05
3/8"	SCVM3	39-47	58.70		SCVM10	300-340	233.05
	SCVS3	52-65	58.70		SCVS10	440-500	233.05
1/2"	SCVM4	70-78	63.03		SCVH10	570-630	233.05
	SCVS4	80-96	63.03	1 1/2"	SCVL12	300-360	390.91
3/4"	SCVL6	72-88	99.76		SCVM12	470-530	390.91
	SCVM6	92-108	99.76		SCVS12	640-720	390.91
	SCVR6	112-128	99.76		SCVH12	750-830	390.91
	SCVJ6	132-148	99.76	2"	SCVL16	510-590	533.79
SCVS6	160-180	99.76	SCVM16		725-825	533.79	
SCVH6	180-200	99.76	SCVS16		900-1050	533.79	
1"	SCVL8	165-195	112.83		SCVH16	1100-1200	533.79
	SCVM8	220-260	112.83	3"	SCVL24	1200-1400	2266.67
	SCVS8	280-320	112.83		SCVS24	2400-2700	2266.67
	SCVH8	310-340	112.83		SCVH24	2850-3050	2266.67

Actual Size Profile Chart

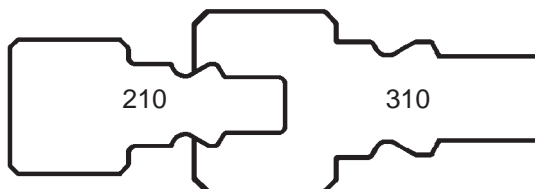
Industrial Series



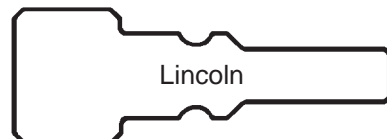
Automotive Series



ARO Series



Lincoln Series



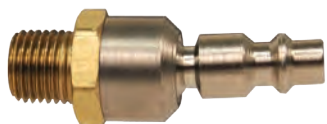
¹ 1/2" industrial series may also interchange with 1/2" automotive series

1/4" Ball Swivel Plugs

Features:

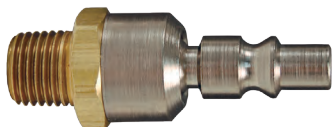
- threaded portion is brass
- plug and nut portion is nickel-plated hardened steel
- pressure rating: **250 PSI**

Male NPT Ball Swivel x Industrial Plug



Body Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	DCP21SWIV	\$17.35	10

Male NPT Ball Swivel x ARO Plug



Body Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	DCP37SWIV	\$17.35	10


Male NPT Ball Swivel x Automotive Plug



Body Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	DCP1SWIV	\$17.35	25

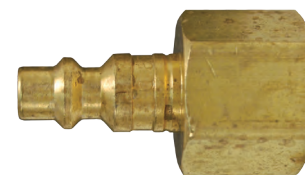
Air Chief Industrial Interchange Quick-Connect Plugs

Features:

- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only 

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	steel	37 CFM	DCP2021	\$3.70	20
1/4"	1/4"	steel	37 CFM	DCP20	2.95	20
1/4"	3/8"	steel	37 CFM	DCP2023	6.05	20
3/8"	1/4"	steel	70 CFM	DCP2622	4.80	10
3/8"	3/8"	steel	70 CFM	DCP26	5.50	10
3/8"	1/2"	steel	70 CFM	DCP2624	10.50	10
1/2"	3/8"	steel	150 CFM	DCP1823	10.25	10
1/2"	1/2"	steel	150 CFM	DCP18	9.05	10
1/2"	3/4"	steel	150 CFM	DCP1826	15.45	10
3/4"	1/2"	steel	200 CFM	DCP7024	17.20	10
3/4"	3/4"	steel	200 CFM	DCP7026	18.80	5
3/4"	1"	steel	200 CFM	DCP7028	34.15	5
1/4"	1/4"	brass	37 CFM	DCP20B	3.41	20
1/4"	3/8"	brass	37 CFM	DCP2023B	5.24	20
1/4"	1/4"	303 stainless	37 CFM	DCP20S	11.58	5
3/8"	3/8"	303 stainless	70 CFM	DCP26S	26.32	5
1/2"	1/2"	303 stainless	150 CFM	DCP18S	28.66	5



Male Pipe Thread


Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	steel	37 CFM	DCP2101	\$2.90	20
1/4"	1/4"	steel	37 CFM	DCP21	2.55	20
1/4"	3/8"	steel	37 CFM	DCP2103	4.15	20
3/8"	1/4"	steel	70 CFM	DCP2502	4.30	10
3/8"	3/8"	steel	70 CFM	DCP25	4.30	10
3/8"	1/2"	steel	70 CFM	DCP2504	8.95	10
1/2"	3/8"	steel	150 CFM	DCP1703	7.35	10
1/2"	1/2"	steel	150 CFM	DCP17	7.15	10
1/2"	3/4"	steel	150 CFM	DCP1706	13.85	10
3/4"	1/2"	steel	200 CFM	DCP7104	15.65	10
3/4"	3/4"	steel	200 CFM	DCP7106	15.90	5
3/4"	1"	steel	200 CFM	DCP7108	24.80	5
1/4"	1/8"	brass	37 CFM	DCP2101B	3.64	20
1/4"	1/4"	brass	37 CFM	DCP21B	2.39	20
1/4"	3/8"	brass	37 CFM	DCP2103B	4.55	20
1/4"	1/4"	303 stainless	37 CFM	DCP21S	9.13	5
3/8"	3/8"	303 stainless	70 CFM	DCP25S	18.72	5
1/2"	1/2"	303 stainless	150 CFM	DCP17S	28.66	5



F

Air Chief Industrial Interchange Quick-Connect Plugs

Features:

- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only 

Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP2142	\$3.73	20
1/4"	5/16"	steel	37 CFM	DCP2143	5.20	20
1/4"	3/8"	steel	37 CFM	DCP2144	4.75	20
3/8"	1/4"	steel	70 CFM	DCP2542	7.02	10
3/8"	3/8"	steel	70 CFM	DCP2544	5.44	10
3/8"	1/2"	steel	70 CFM	DCP2545	8.40	10
1/2"	3/8"	steel	150 CFM	DCP1744	7.60	10
1/2"	1/2"	steel	150 CFM	DCP1745	7.01	10
1/2"	3/4"	steel	150 CFM	DCP1746	11.40	10
3/4"	1/2"	steel	200 CFM	DCP7145	22.30	5
3/4"	3/4"	steel	200 CFM	DCP7146	21.80	5
3/4"	1"	steel	200 CFM	DCP7148	33.15	5
1/4"	1/4"	brass	37 CFM	DCP2142B	3.93	20
1/4"	3/8"	brass	37 CFM	DCP2144B	4.63	20
1/4"	1/4"	303 stainless	37 CFM	DCP2142S	11.93	5
3/8"	3/8"	303 stainless	70 CFM	DCP2544S	19.31	5
1/2"	1/2"	303 stainless	150 CFM	DCP1745S	28.66	5

F



DCP7145

Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP2142L	\$3.73	25
1/4"	3/8"	steel	37 CFM	DCP2144L	4.75	25
3/8"	1/4"	steel	70 CFM	DCP2542L	7.20	25
3/8"	3/8"	steel	70 CFM	DCP2544L	6.00	25



Air Chief Industrial Interchange Quick-Connect Couplers

Features:

- couplers shut-off when disconnected
- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only



Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	brass	37 CFM	DC2021	\$15.50	10
1/4"	1/4"	brass	37 CFM	DC20	10.20	10
1/4"	3/8"	brass	37 CFM	DC2023	14.10	10
3/8"	1/4"	steel	70 CFM	DC2622	23.25	10
3/8"	3/8"	steel	70 CFM	DC26	21.75	10
3/8"	1/2"	steel	70 CFM	DC2624	28.40	10
1/2"	3/8"	steel	150 CFM	DC1023	32.60	10
1/2"	1/2"	steel	150 CFM	DC10	30.55	10
1/2"	3/4"	steel	150 CFM	DC1026	40.15	10
3/4"	1/2"	brass	200 CFM	DC7024 ¹	67.30	1
3/4"	3/4"	brass	200 CFM	DC7026 ¹	68.85	1
3/4"	1"	brass	200 CFM	DC7028 ¹	74.85	1
1/4"	1/4"	303 stainless	37 CFM	DC20S	49.12	5
3/8"	3/8"	303 stainless	70 CFM	DC26S	85.38	5
1/2"	1/2"	303 stainless	150 CFM	DC10S	107.60	5

Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	brass	37 CFM	DC2101	\$13.15	10
1/4"	1/4"	brass	37 CFM	DC21	10.95	10
1/4"	3/8"	brass	37 CFM	DC2103	13.10	10
3/8"	1/4"	steel	70 CFM	DC2502	21.90	10
3/8"	3/8"	steel	70 CFM	DC25	22.60	10
3/8"	1/2"	steel	70 CFM	DC2504	27.00	10
1/2"	3/8"	steel	150 CFM	DC903	30.60	10
1/2"	1/2"	steel	150 CFM	DC9	26.90	10
1/2"	3/4"	steel	150 CFM	DC906	36.15	10
3/4"	1/2"	brass	200 CFM	DC7104 ¹	71.35	1
3/4"	3/4"	brass	200 CFM	DC7106 ¹	73.00	1
3/4"	1"	brass	200 CFM	DC7108 ¹	81.00	1
1/4"	1/4"	303 stainless	37 CFM	DC21S	45.61	5
3/8"	3/8"	303 stainless	70 CFM	DC25S	81.87	5
1/2"	1/2"	303 stainless	150 CFM	DC9S	111.45	5

Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC2042	\$13.25	10
1/4"	5/16"	brass	37 CFM	DC2043	14.00	10
1/4"	3/8"	brass	37 CFM	DC2044	13.40	10
3/8"	1/4"	steel	70 CFM	DC2642	26.25	10
3/8"	3/8"	steel	70 CFM	DC2644	23.50	10
3/8"	1/2"	steel	70 CFM	DC2645	25.10	10
1/2"	3/8"	steel	150 CFM	DC1044	34.90	10
1/2"	1/2"	steel	150 CFM	DC1045	32.75	10
1/2"	3/4"	steel	150 CFM	DC1046	34.60	10
3/4"	1/2"	brass	200 CFM	DC7045 ¹	78.35	1
3/4"	3/4"	brass	200 CFM	DC7046 ¹	79.35	1
3/4"	1"	brass	200 CFM	DC7048 ¹	82.00	1
1/4"	1/4"	303 stainless	37 CFM	DC2042S	56.14	5
3/8"	3/8"	303 stainless	70 CFM	DC2644S	86.55	5
1/2"	1/2"	303 stainless	150 CFM	DC1045S	111.45	5

¹ 3/4" are automatic sleeve

Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC2042L	\$13.45	25
1/4"	3/8"	brass	37 CFM	DC2044L	13.40	25
3/8"	1/4"	steel	70 CFM	DC2642L	31.80	25
3/8"	3/8"	steel	70 CFM	DC2644L	25.10	25

semi-automatic
pull sleeve to connect



F

semi-automatic
pull sleeve to connect



semi-automatic
pull sleeve to connect




semi-automatic
pull sleeve to connect



Air Chief Industrial Interchange Quick-Connect Couplers

Features:

- couplers shut-off when disconnected
- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only 

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	27 CFM	DCB20	\$13.18	24
1/4"	3/8"	brass	27 CFM	DCB2023	15.55	24
3/8"	1/4"	brass	45 CFM	DCB2622	26.78	12
3/8"	3/8"	brass	45 CFM	DCB26	25.73	12
3/8"	1/2"	brass	45 CFM	DCB2624	28.07	12
1/2"	3/8"	brass	91 CFM	DCB1023	35.62	6
1/2"	1/2"	brass	91 CFM	DCB10	36.25	6
1/2"	3/4"	brass	91 CFM	DCB1026	36.25	6
3/4"	1/2"	brass	200 CFM	DC7024	67.30	1
3/4"	3/4"	brass	200 CFM	DC7026	68.85	1
3/4"	1"	brass	200 CFM	DC7028	74.85	1
1/4"	1/4"	303 stainless	27 CFM	DCS20	69.28	5
3/8"	3/8"	303 stainless	45 CFM	DCS26	103.51	5
1/2"	1/2"	303 stainless	91 CFM	DCS10	139.62	5

Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	27 CFM	DCB21	\$13.18	24
1/4"	3/8"	brass	27 CFM	DCB2103	15.55	24
3/8"	1/4"	brass	45 CFM	DCB2502	26.78	12
3/8"	3/8"	brass	45 CFM	DCB25	25.73	12
3/8"	1/2"	brass	45 CFM	DCB2504	27.22	12
1/2"	3/8"	brass	91 CFM	DCB903	33.99	6
1/2"	1/2"	brass	91 CFM	DCB9	33.07	6
1/2"	3/4"	brass	91 CFM	DCB906	34.89	6
3/4"	1/2"	brass	200 CFM	DC7104	71.35	1
3/4"	3/4"	brass	200 CFM	DC7106	73.00	1
3/4"	1"	brass	200 CFM	DC7108	81.00	1
1/4"	1/4"	303 stainless	27 CFM	DCS21	62.59	5
3/8"	3/8"	303 stainless	45 CFM	DCS25	100.44	5
1/2"	1/2"	303 stainless	91 CFM	DCS9	132.10	5

Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	27 CFM	DCB2042	\$13.45	24
1/4"	3/8"	brass	27 CFM	DCB2044	15.55	24
3/8"	1/4"	brass	45 CFM	DCB2642	28.07	12
3/8"	3/8"	brass	45 CFM	DCB2644	24.56	12
3/8"	1/2"	brass	45 CFM	DCB2645	29.25	12
1/2"	3/8"	brass	91 CFM	DCB1044	35.62	6
1/2"	1/2"	brass	91 CFM	DCB1045	36.11	6
1/2"	3/4"	brass	91 CFM	DCB1046	36.44	6
3/4"	1/2"	brass	200 CFM	DC7045	78.35	1
3/4"	3/4"	brass	200 CFM	DC7046	79.35	1
3/4"	1"	brass	200 CFM	DC7048	82.00	1
1/4"	1/4"	303 stainless	27 CFM	DCS2042	75.83	5
3/8"	3/8"	303 stainless	45 CFM	DCS2644	101.11	5
1/2"	1/2"	303 stainless	91 CFM	DCS1045	119.13	5


F

automatic
push-to-connectautomatic
push-to-connectautomatic
push-to-connect

Parker E-z-mate Industrial Interchange Couplers

E-z-mate couplings combine push-to-connect, exhaust-style action with a self-locking valve sleeve to guard against accidental disconnection. Simply follow the direction of the on-off arrow stamped on the yellow chromate valve sleeve. Valve sleeve acts as an integral shut-off valve that allows connection and disconnection at zero pressure. When the sleeve is moved to shut off air flow, it automatically vents downstream allowing for disconnection at zero pressure and eliminating the risk of hose whip.

Features:

- pressure rating: **300 PSI**
- temperature range (standard seals): **-40°F to +250°F**
- meets ISO 4414 requirements for a controlled pressure release system
- not recommended for vacuum service 

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"-18	steel	37 CFM	DC20SE	\$54.00	10
1/4"	3/8"-18	steel	37 CFM	DC2023SE	58.20	10
3/8"	3/8"-18	steel	70 CFM	DC26SE	65.00	5
3/8"	1/2"-14	steel	70 CFM	DC2624SE	71.10	5
1/2"	1/2"-14	steel	150 CFM	DC10SE	76.50	5
1/2"	3/4"-14	steel	150 CFM	DC1026SE	84.15	5
3/4"	3/4"-14	steel	200 CFM	DC7026SE	112.50	5
3/4"	1"-11-1/2	steel	200 CFM	DC7028SE	133.00	5



Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"-18	steel	37 CFM	DC21SE	\$62.00	10
1/4"	3/8"-18	steel	37 CFM	DC2103SE	72.50	10
3/8"	3/8"-18	steel	70 CFM	DC25SE	78.75	5
1/2"	1/2"-14	steel	150 CFM	DC9SE	83.70	5
3/4"	3/4"-14	steel	200 CFM	DC7106SE	151.80	5



Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DC2042SE	\$74.40	10
1/4"	3/8"	steel	37 CFM	DC2044SE	77.75	10
3/8"	3/8"	steel	70 CFM	DC2644SE	83.00	5
1/2"	1/2"	steel	150 CFM	DC1045SE	87.50	5



Push-Lock Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DC2042LSE	\$89.25	10
1/4"	3/8"	steel	37 CFM	DC2044LSE	75.25	10
3/8"	3/8"	steel	70 CFM	DC2644LSE	80.25	5
1/2"	1/2"	steel	150 CFM	DC1045LSE	87.35	5



Legris Automatic Industrial Interchange Safety Couplers

Applications:

- suited for numerous installations including: pneumatic tools, blow guns, pneumatic automotive equipment

Features:

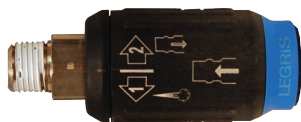
- composite, non-marring body
- 1/4" body size ensures excellent flow and total security due to disconnection in two steps
- compatible with industrial interchange plugs



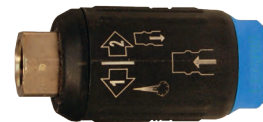
1. vents plug side



2. disconnects



male NPT straight body



female NPT straight body

Body Size	NPT Size	Part #	Price/E
1/4"	1/4"	9405U0614	\$39.00
1/4"	3/8"	9405U0618	43.75

Body Size	NPT Size	Part #	Price/E
1/4"	1/4"	9415U0614	\$39.00
1/4"	3/8"	9415U0618	43.75

Air Chief Automotive Interchange Quick-Connect Plugs

Features:

- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchange with popular makes of automotive quick-connect fittings such as Amflo, Dill, Milton and Truflate, some designs do not interchange with others, if you plan to interchange these couplings make sure you have plug ends with the proper configuration

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	steel	37 CFM	DCP221	\$3.40	25
1/4"	1/4"	steel	37 CFM	DCP2	3.40	20
1/4"	3/8"	steel	37 CFM	DCP223	6.90	20
3/8"	1/4"	steel	70 CFM	DCP8	4.25	10
3/8"	3/8"	steel	70 CFM	DCP6	8.15	10
3/8"	1/2"	steel	70 CFM	DCP624	11.40	10
1/2"	3/8"	steel	150 CFM	DCP1823	10.25	10
1/2"	1/2"	steel	150 CFM	DCP18	9.05	10
1/2"	3/4"	steel	150 CFM	DCP1826	15.45	10

Male Pipe Thread

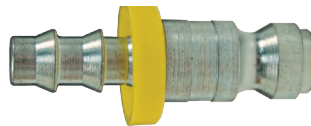
Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	steel	37 CFM	DCP101	\$4.30	20
1/4"	1/4"	steel	37 CFM	DCP1	2.60	20
1/4"	3/8"	steel	37 CFM	DCP103	4.75	20
3/8"	1/4"	steel	70 CFM	DCP7	4.20	10
3/8"	3/8"	steel	70 CFM	DCP5	4.70	10
1/2"	3/8"	steel	150 CFM	DCP1703	7.35	10
1/2"	1/2"	steel	150 CFM	DCP17	7.15	20
1/2"	3/4"	steel	150 CFM	DCP1706	13.85	10

Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP142	\$5.10	20
1/4"	3/8"	steel	37 CFM	DCP144	5.00	20
3/8"	1/4"	steel	70 CFM	DCP542	7.75	10
3/8"	3/8"	steel	70 CFM	DCP544	6.50	25
1/2"	3/8"	steel	150 CFM	DCP1744	7.60	10
1/2"	1/2"	steel	150 CFM	DCP1745	7.01	10
1/2"	3/4"	steel	150 CFM	DCP1746	11.40	10

Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP142L	\$5.65	25
1/4"	3/8"	steel	37 CFM	DCP144L	5.65	25
3/8"	3/8"	steel	70 CFM	DCP544L	7.00	25



Air Chief Automotive Interchange Quick-Connect Couplers

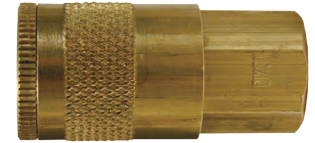
Features:

- pressure rating: **300 PSI**
- temperature range: **-40°F to 250°F**
- interchanges with popular makes of automotive quick-connect fittings such as Amflo, Dill, Milton and Truflate, some makes do not interchange with any others, if you plan to interchange these couplings make sure you have plug ends with the proper configuration

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	brass	37 CFM	DC221	\$14.95	25
1/4"	1/4"	brass	37 CFM	DC2	10.85	25
1/4"	3/8"	brass	37 CFM	DC223	15.00	10
3/8"	1/4"	steel	70 CFM	DC8	22.70	10
3/8"	3/8"	steel	70 CFM	DC6	22.10	10
3/8"	1/2"	steel	70 CFM	DC624	30.50	10
1/2"	3/8"	steel	150 CFM	DC1023	32.60	10
1/2"	1/2"	steel	150 CFM	DC10	30.55	10
1/2"	3/4"	steel	150 CFM	DC1026	40.15	10

semi-automatic
pull sleeve to connect

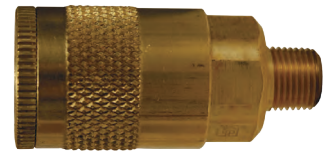


F

Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/8"	brass	37 CFM	DC101	\$13.85	10
1/4"	1/4"	brass	37 CFM	DC1	10.80	10
1/4"	3/8"	brass	37 CFM	DC103	13.80	10
3/8"	1/4"	steel	70 CFM	DC7	22.65	10
3/8"	3/8"	steel	70 CFM	DC5	22.05	10
3/8"	1/2"	steel	70 CFM	DC504	26.50	10
1/2"	3/8"	steel	150 CFM	DC903	30.60	10
1/2"	1/2"	steel	150 CFM	DC9	26.90	10
1/2"	3/4"	steel	150 CFM	DC906	36.15	10

semi-automatic
pull sleeve to connect



Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC242	\$14.40	10
1/4"	5/16"	brass	37 CFM	DC243	11.60	10
1/4"	3/8"	brass	37 CFM	DC244	14.70	10
3/8"	1/4"	steel	70 CFM	DC642	26.25	10
3/8"	3/8"	steel	70 CFM	DC644	23.50	10
3/8"	1/2"	steel	70 CFM	DC645	26.00	10
1/2"	3/8"	steel	150 CFM	DC1044	34.90	10
1/2"	1/2"	steel	150 CFM	DC1045	32.75	10
1/2"	3/4"	steel	150 CFM	DC1046	34.60	10

semi-automatic
pull sleeve to connect



Push-On Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC242L	\$14.40	25
1/4"	3/8"	brass	37 CFM	DC244L	14.70	25
3/8"	1/4"	steel	70 CFM	DC642L	37.40	25
3/8"	3/8"	steel	70 CFM	DC644L	25.75	25

semi-automatic
pull sleeve to connect



Air Chief ARO Speed Quick-Connect Plugs

Features:

- pressure rating: **300 PSI** at ambient temperature (70°F)
- interchanges with ARO 210 and 310 designs

Female Pipe Thread



Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP38	\$3.05	10
1/4"	3/8"	steel	37 CFM	DCP3823	8.05	10
3/8"	3/8"	steel	70 CFM	DCP36	9.50	25

Male Pipe Thread



Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP37	\$2.90	10
1/4"	3/8"	steel	37 CFM	DCP3703	6.30	10
3/8"	3/8"	steel	70 CFM	DCP35	8.50	25

Standard Hose Barb



Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP3742	\$5.10	10
1/4"	3/8"	steel	37 CFM	DCP3744	5.06	25

Push-On Hose Barb



Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DCP3742L	\$6.35	25
1/4"	3/8"	steel	37 CFM	DCP3744L	10.15	25

Air Chief ARO Speed Quick-Connect Couplers

Features:

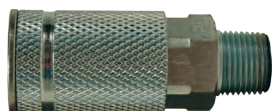
- pressure rating: **300 PSI** at ambient temperature (70°F)
- interchange with ARO 210 and 310 designs
- couplers shut-off when disconnected
semi-automatic - pull sleeve to connect

Female Pipe Thread



Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC38	\$11.40	10
1/4"	3/8"	brass	37 CFM	DC3823	15.50	10
3/8"	3/8"	steel	70 CFM	DC36	34.65	25

Male Pipe Thread



Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC37	\$12.30	10
1/4"	3/8"	brass	37 CFM	DC3703	15.40	10
3/8"	3/8"	steel	70 CFM	DC35	31.60	25

Standard Hose Barb



Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	steel	37 CFM	DC3842	\$19.20	10
1/4"	3/8"	steel	37 CFM	DC3844	22.80	25

Push-On Hose Barb



Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/4"	1/4"	brass	37 CFM	DC3842L	\$15.00	25
1/4"	3/8"	brass	37 CFM	DC3844L	15.40	25

Air Chief A Series Quick-Connect Plugs

Application:

- for use in compressed air service where the convenience of one hand operation and a compact profile is desired

Features:

- maximum operating pressure: **500 PSI** at ambient temperature (70°F)
- machined from solid brass bar stock
- stainless steel balls and springs maximize corrosion resistance

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	A1F1-B	\$7.82	20
1/4"	1/4"	brass	25 CFM	A2F2-B	7.82	20



F

Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	A1M1-B	\$7.82	20
1/4"	1/4"	brass	25 CFM	A2M2-B	7.82	20



Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	A1S1-B	\$7.82	20



Air Chief A Series Quick-Connect Couplers

automatic - push to connect

Female Pipe Thread

Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	1AF1-B	\$25.49	20
1/4"	1/4"	brass	25 CFM	2AF2-B	26.64	20



Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	1AM1-B	\$25.49	20
1/4"	1/4"	brass	25 CFM	2AM2-B	26.64	20



Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E	Opt Qty
1/8"	1/8"	brass	7 CFM	1AS1-B	\$27.80	20
1/4"	1/4"	brass	25 CFM	2AS2-B	28.96	20



Air Chief Universal Quick-Connect Fittings

Features:

- the first 6-in-1 coupler available
- compatible with ARO 210, MIL-C-4109F, Truflate, Lincoln Interchange, Italian Standard and CEJN 320
- Euro-style valving ensures maximum flow performance and automatic connection with minimal force required
- sleeve-guard lip reduces the risk of accidental disconnection while in service
- maximum operating pressure: **300 PSI**

automatic - push to connect

Female Pipe Thread



Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E
1/4"	1/4"	brass	37 CFM	UDC20	\$17.59
1/4"	3/8"	brass	37 CFM	UDC2023	18.21

Male Pipe Thread



Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E
1/4"	1/4"	brass	37 CFM	UDC21	\$17.59
1/4"	3/8"	brass	37 CFM	UDC2103	19.27

Standard Hose Barb



Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E
1/4"	1/4"	brass	37 CFM	UDC2042	\$18.67
1/4"	3/8"	brass	37 CFM	UDC2044	19.27

Air Chief Lincoln Interchange Series Quick-Connect Plugs

Features:

- interchangeable with the Lincoln Interchange long stem series
- pressure rating: **300 PSI** at ambient temperature (70°F)

Female Pipe Thread



Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
1/4"	1/4"	steel	37 CFM	DCP28	\$7.80	10

Male Pipe Thread



Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
1/4"	1/4"	steel	37 CFM	DCP27	\$6.40	10

Air Chief Lincoln Interchange Series Quick-Connect Couplers

Features:

- interchangeable with the Lincoln Interchange long stem series
- couplers shut-off when disconnected
- pressure rating: **300 PSI**

semi-automatic - pull sleeve to connect

Female Pipe Thread



Body Size	Female NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
1/4"	1/4"	brass	37 CFM	DC28	\$17.80	10

Male Pipe Thread



Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E	Pkg Qty
1/4"	1/4"	brass	37 CFM	DC27	\$18.40	10

Dixon Keychain

Feature:

- halves separate like a coupler and plug

Plated Steel Part #	Price/E
DKC1	\$20.50



Breather Vents

Applications:

- commonly used on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere additionally
- provide vacuum relief or pressure equalization on gear boxes, oil tanks or reservoirs

Features:

- standard pipe thread connections for quick assembly and removal for cleaning
- nickel plated steel insert with a bronze filter
- 40 micron filter element
- maximum operating pressure: **150 PSI**
- temperature range: **35°F to 300°F**

NPT Thread	Overall Length	Nickel Plated Steel Part #	Price/E
1/8"	7/16"	ASP-1BV	\$2.50
1/4"	5/8"	ASP-2BV	2.60
3/8"	3/4"	ASP-3BV	3.75
1/2"	7/8"	ASP-4BV	5.50
3/4"	1"	ASP-6BV	8.90
1"	1-5/16"	ASP-8BV	17.20



F

Conical Mufflers

Application:

- threads into the exhaust ports of air tool, valves, cylinders and other pneumatic equipment

Features:

- an economical way to reduce noise levels below 90 dBA to conform with OSHA standards
- 40 micron bronze filter element
- element is bonded directly to the fitting and *is not replaceable*
- maximum operating pressure: **300 PSI**
- temperature range: **35°F to 300°F**

NPT Thread	Overall Length	Nickel Plated Steel Part #	Price/E
1/8"	1-1/8"	CMF18	\$3.60
1/4"	1-3/8"	CMF28	4.30
3/8"	1-1/2"	CMF38	5.60
1/2"	1-7/8"	CMF48	8.65
3/4"	2-1/8"	CMF68	14.30
1"	2-7/8"	CMF88	20.50



Speed Control Mufflers

Features:

- maximum operating pressure: **300 PSI**
- temperature range: **35°F to 300°F**
- safe and infinite variations of metering air flow at acceptable sound levels on exhaust ports of air valves.
- speed of operating cylinder or air tool may be increased or decreased with adjusting screw, the final position is locked in place by the lock nut.
- exhaust air noise is eliminated by a surrounding sleeve of sintered bronze

NPT Thread	Approximate Full Operating Height	Maximum Adjusted SCFM	2011T3 Aluminum ¹		Brass	
			Part #	Price/E	Part #	Price/E
1/8"	1-5/16"	20	ASCM18	\$8.00	SCM18	\$6.55
1/4"	1-9/16"	30	---	---	SCM28	7.55
3/8"	1-5/8"	40	ASCM38	12.10	SCM38	10.90
1/2"	2"	60	ASCM48	16.50	SCM48	16.90
3/4"	2-3/8"	70	ASCM68	28.95	SCM68	22.50
1"	2-1/2"	100	---	---	SCM88	41.00

¹ stock quantity only


aluminum



brass

Mini In-Line Lubricators

Features:

- can be refilled under line pressure
- oil capacity: ¼ fluid ounce
- flow rating: 22 SCFM at 100 PSIG
- maximum operating pressure: **200 PSIG**
- maximum temperature: **175°F**



Female NPT Inlet	Outlet	Aluminum	
		Part #	Price/E
¼"	¼" female NPT	ML200	\$75.25
¼"	¼" male NPT	ML200M	75.25
⅜"	⅜" male NPT	ML300M	75.25

F

Mini In-Line Filter

Features:

- either port may be used as an inlet port
- filter element rated at 5 microns
- flow rating: 17 SCFM inlet pressure at 100 PSIG
- maximum operating pressure: **200 PSIG**
- maximum temperature: **175°F**



Female NPT	Male NPT	Aluminum	
		Part #	Price/E
¼"	¼"	MF200	\$44.90
Description		Part #	Price/E
replacement element		FRP-95-199	\$14.00

In-Line Air Filter

Application:

- protects small air tools such as impact wrenches, nut runners, grinders and screwdrivers

Features:

- standard element is 40 micron ensuring minimum pressure drop
- elements can be replaced quickly
- male x female configuration
- compact housing
- maximum operating pressure: **500 PSI**
- temperature range: **35°F to 200°F**
- air flow: 140 SCFM
- filter can be used directly before the air tool



NPT	Overall Length	Diameter	Weight Lbs.	Anodized Aluminum	
				Part #	Price/E
¾"	3-13/16"	1-½"	.46	9076M	\$75.00

Miniature Non-Repairable General Purpose Regulators

Features:

- relieving piston allows reduction of downstream pressure when system is dead-ended
- reliable pressure regulation at air flows up to 13 SCFM
- left to right flow
- 5 to 125 PSIG outlet pressure adjustment range
- compact design and light weight construction
- wrench flats for easy installation
- supplied with a GC620 gauge



with gauge			without gauge		
Size	Part #	Price/E	Size	Part #	Price/E
¼"	R46-200RG	\$63.85	¼"	R46-200R	\$47.15

Anti-Freeze Lubricants

Application:

- winter grade air tool lubricant prevents air line, air tool and in-line lubricator freeze-up

Features:

- can be poured directly into tool or used with air line lubricators
- minimum temperature **-45°F**

Size	Part #	Price/E	Opt Qty
1 pint	DATL016W	\$26.00	12
1 gallon	DATL128W	158.00	4



1 pint

1 gallon

F

Air Tool Lubricants

Application:

- high grade lubricant prolongs the service life of air tools, cylinders and accessories

Features:

- #10 weight lubricant
- compound is superior in performance to ordinary lubricants
- prohibits rust and removes moisture as it lubricates
- non-corrosive, non-reactive and does not decompose
- easy pour spout helps prevent costly spills
- use with the in-line lubricators on page 130

Size	Part #	Price/E	Opt Qty
1 pint	DATL016	\$16.00	12
1 gallon	DATL128	69.00	4



1 pint

1 gallon

Valves

Button

Thread	Brass	
	Part #	Price/E
¼" NPT female	BV2F	\$24.75
¼" NPT male	BV2M	24.75



Tank Filler

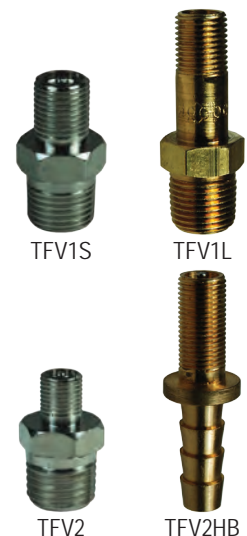
Application:

- used on compressed air tanks and other applications

Feature:

- standard valve stem thread

Connection	Length	Material	Part #	Price/E
⅛" NPT	7/16"	<i>nickel plated</i>	TFV1S	\$5.10
⅛" NPT	3/4"	<i>brass</i>	TFV1L	6.30
¼" NPT	3/4"	<i>nickel plated</i>	TFV2	5.95
¼" barb	11/16"	<i>brass</i>	TFV2HB	8.45



TFV1S

TFV1L

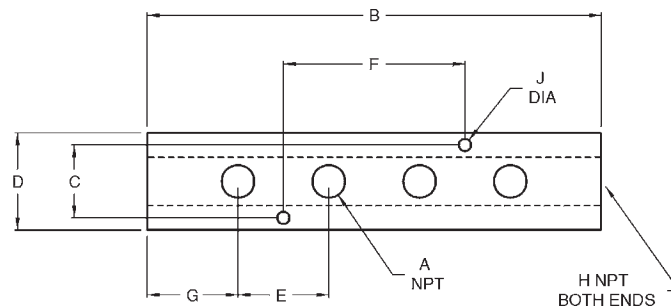
TFV2

TFV2HB

Bar Manifolds

Features:

- can be mounted on a wall or work bench, safely distributing four hose lines to a work area
- maximum operating pressure: **300 PSI** at ambient temperature (70°F)
- brass hex head plugs sold on page 330



Dimensions

Aluminum		A	B	C	D	E	F	G	H	J
Part #	Price/E									
AMF32	\$74.10	1/4"	7 7/8"	7/8"	1 1/4"	1 7/8"	3 3/4"	1"	3/8"	.20"
AMF42	74.10	1/4"	7 7/8"	1 1/8"	1 1/2"	1 7/8"	3 3/4"	1"	1/2"	.20"
AMF43	74.10	3/8"	8"	1 1/8"	1 1/2"	2"	4"	1"	1/2"	.20"

3 in 1 Manifolds

Features:

- supplies 3 air operated tools from a single hose permitting use of air by more than one mechanic
- can be mounted to a pipe at workbench or overhead
- different tools in the shop use different styles of couplers, mount 3 different style couplers on one manifold



NPT Inlet (1)	NPT Outlets (3)	Aluminum	
		Part #	Price/E
1/4"	1/4"	D3404	\$18.55
3/8"	1/4"	D3406	17.80
1/2"	1/4"	D3408	18.55

Flat Hex Manifolds

Feature:

- designed to lay flat on the floor, safely distributing three hose lines to the work area



NPT Inlet (1)	NPT Outlets (3)	Brass	
		Part #	Price/E
1/4"	1/4"	3122	\$20.00
3/8"	1/4"	3132	23.75
3/8"	3/8"	3133	27.50

Safety Pop-Off Valves

Heavy Duty, High Capacity Safety Pop-Off Valves

Features:

- designed to protect un-fired pressure vessels from over-pressure
- all brass construction with chrome steel ball on a precision machined brass seat
- equipped with a pull ring for manual testing
- ASME Code, National Board Certified
- maximum temperature: **400°F (204°C)**

½" male NPT

Preset Pressure PSI	SCFM	Brass	
		Part #	Price/E
30	73	SV30HD	\$84.20
100	211	SV100HD	84.20
125	254	SV125HD	84.20
150	303	SV150HD	84.20
175	346	SV175HD	84.20
200	395	SV200HD	84.20



F

Standard Safety Pop-Off Valves

Features:

- designed to protect un-fired pressure vessels from over-pressure
- brass valves are supplied with a stainless steel ball
- stainless valves are all stainless construction with a soft seat
- ASME Code, National Board Certified
- minimum temperature: **-40°F**
- maximum temperature: **400°F (204°C)**
- for use with compressors
- valves reset themselves

¼" male NPT

Preset Pressure PSI	Brass			Stainless Steel		
	Part #	Price/E	SCFM	Part #	Price/E	SCFM
30	SV30	\$35.75	35	SV30SS	\$268.40	35
100	SV100	35.75	120	SV100SS	268.40	92
125	SV125	35.75	109	SV125SS	268.40	112
150	SV150	35.75	155	SV150SS	268.40	132
175	SV175	35.75	149	SV175SS	268.40	153
200	SV200	35.75	200	SV200SS	268.40	173



Soft Seat Safety Pop-Off Valves

Application:

- for compressed air service applications

Features:

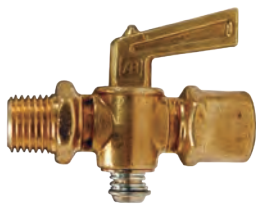
- designed for Original Equipment Manufacturers utilizing ASME Code un-fired pressure vessels in their finished product
- constructed of precision machined brass bar stock with a silicone disc seating on brass
- ASME Code, National Board Certified
- maximum temperature: is **400°F (204°C)**

¼" male NPT

Preset Pressure PSI	SCFM	Brass	
		Part #	Price/E
100	51	KSV10-100	\$16.40
125	62	KSV10-125	16.40
150	73	KSV10-150	16.40
175	84	KSV10-175	16.40



Brass Lever External Drains


Application:

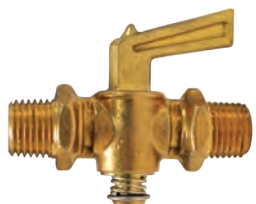
- for air service only 

Feature:

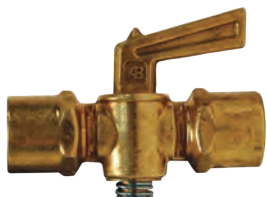
- maximum operating pressure: **30 PSI** at ambient temperature (70°F)

Female NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	LDC2		\$32.00

F



Male NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	LDCM2		\$35.50



Female NPT	Female NPT	Part #	Brass	Price/E
1/4"	1/4"	LDCF2		\$34.00

Brass External Drain Cocks


Applications:

- designed for low pressure water and air applications

Feature:

- maximum operating pressure: **150 PSI** at ambient temperature (70°F)

NPT Size	Part #	Brass	Price/E
1/8"	D02		\$3.40
1/4"	D04		4.95

Brass Needle Valves

Features:

- metal-to-metal seats allow positive sealing and flow adjustment
- designed for air and water applications
- maximum working pressure: **150 PSI** at ambient temperature (70°F)



Female NPT	Female NPT	Part #	Brass	Price/E
1/8"	1/8"	NV2F		\$16.30
1/4"	1/4"	NV4F		24.25



Male NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	NV4M		\$22.50

Brass Flow Control Valves Series F

Features:

- provides precision flow control and full shutoff in one flow direction, automatically allows unrestricted flow in the opposite direction
- two-step needle for fine adjustments at low flow with first 3 turns of the adjusting knob, next 3 turns give full-open needle position and conventional throttling control
- when flow is reversed the heavy-duty poppet/retainer permits full flow return capacity
- color coded scale simplifies flow setting, resetting, adjusting and return to an original flow
- a set screw locks the valve on any desired setting
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F) for sizes 1/8" - 3/4", **500 PSI** at ambient temperature (70°F) for 1"
- also available in steel, see page 411

Female NPT	Part #	Price/E
	<i>Brass</i>	
1/8"	BFC200	\$93.00
1/4"	BFC400	99.25
3/8"	BFC600	129.00
1/2"	BFC800	182.50
3/4"	BFC1200	304.00
1"	BFC1600	1245.00



F

Series PF

Features:

- ball type check meters flow of air in one direction and allows free flow in the reverse direction
- used to control actuator speed by acting as a restriction
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F)
- cracking pressure: **5 PSI**
- also available in steel, see page 411

Female NPT	Part #	Price/E
	<i>Brass</i>	
1/8"	BPF200	\$64.00
1/4"	BPF400	78.00
3/8"	BPF600	102.00
1/2"	BPF800	139.00



Series N

Features:

- for use as speed control on pneumatic systems where a reverse flow check valve is not needed
- provides excellent control and reliable shutoff in a very small envelope
- color coded scale simplifies setting, resetting, adjusting and quick return to a previous speed setting
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F) for sizes 1/8" - 3/4", **500 PSI** at ambient temperature (70°F) for 1"
- also available in steel, see page 411

Female NPT	Part #	Price/E
	<i>Brass</i>	
1/8"	BN200	\$89.00
1/4"	BN400	89.00
3/8"	BN600	119.50
1/2"	BN800	167.00
3/4"	BN1200	343.00
1"	BN1600	1438.00



Brass Check Valves - Series C

Features:

- provides free flow in one direction and dependable shutoff in the opposite direction
- maximum operating pressure: **2000 PSI** at ambient temperature (70°F)
- cracking pressure: **5 PSI**
- also available in steel, see page 411

Female NPT	Free Flow GPM	Part #	Price/E
		<i>Brass</i>	
1/8"	3	BCV200	\$55.50
1/4"	5	BCV400	52.00
3/8"	8	BCV600	81.00
1/2"	15	BCV800	104.50



Safety Blow Guns



Safety blow guns have a safety tip which prevents buildup of tip pressure in the event the outlet is obstructed or "dead ended". They comply with the requirements for OSHA 1910.242 (B) and 1910.95 when used on air lines of 150 PSI or less.

Features:

- design comfortably fits contour of the hand minimizing user fatigue
- ergonomic large lever with black vinyl grip allows for easy air flow activation
- ¼" female NPT inlet

Air Chief



The air chief safety blow gun is designed to conform to OSHA Standard 1910.242 (B) permitting a maximum of 30 PSI outlet pressure when dead ended based on a maximum of 150 PSI inlet pressure as well as OSHA Standard 1910.95 regulating occupational noise level exposure. *Safety glasses or shield must be worn when using any blow gun.*

Features:

- recessed internal slotted screw allows easy access to valve assembly for repairs or replacement
- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip combine for superior corrosion resistance



Part #	Price/E
D204-30	\$19.70

Premium



The premium safety blow gun is designed to conform to OSHA Standard 1910.242 (B) permitting a maximum of 30 PSI outlet pressure when dead ended based on a maximum of 150 PSI inlet pressure as well as OSHA Standard 1910.95 regulating occupational noise level exposure. *Safety glasses or shield must be worn when using any blow gun.*

Feature:

- zinc die cast body with a black powder coat finish, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip



Part #	Price/E
D204-30P	\$20.45

Safety Air Booster



The multiple holes in the safety booster tip of the safety air booster gun create a venturi effect that increases air flow (working capacity) while still remaining compliant with OSHA Standard 1910.242 (B). *Safety glasses or shield must be worn when using any blow gun.*

Feature:

- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip provide superior corrosion resistance



Part #	Price/E
D204-30SB	\$23.40

Non-Safety Blow Guns



Non-Safety blow guns **do not** have a safety by-pass to prevent buildup of tip pressure in the event of tip blockage. They may be used for cleaning purposes only if the air supply (inlet pressure) has been reduced to 30 PSI or less.

Features:

- designed to comfortably fit the contour of the hand, minimizing user fatigue
- ergonomic large lever with vinyl grip allows for easy air flow activation
- ¼" female NPT inlet

Brass Tip



The ventless, nickel-plated tip provides the most economical means of achieving a concentrated stream of air for many blow-off applications. All other components and design features are the same as our Air Chief safety blow gun (D204-30). *Must be used on air lines having a maximum regulated pressure of 30 PSI in order to comply with OSHA Standard 1910.242 (B). Safety glasses or shield must be worn when using any blow gun.*

Feature:

- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and ventless, nickel plated brass tip provide superior corrosion resistance



Part #	Price/E
D605	\$18.55

Rubber Tip



The rubber tip will not scratch or mar delicate surfaces. The conical, rubber tip can also be used to create a seal between the blow gun and fluid lines (or any other opening). Base of the tip is nickel-plated brass for additional corrosion resistance. *Must be used on air lines having a maximum regulated pressure of 30 PSI in order to comply with OSHA Standard 1910.242 (B). Safety glasses or shield must be worn when using any blow gun.*

Feature:

- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and rubber tip with a nickel plated brass base provide superior corrosion resistance



Part #	Price/E
D201	\$22.00

Blow Gun Extensions

Features:

- supplied with ⅛" male NPT connections
- allow easier access to blow-off applications in high or hard to reach places
- can be used with all Dixon Air Chief lever operated blow guns as well as most blow guns from other manufacturers
- brass base with a rugged steel extension tube, all nickel plated

Size Extension	Part #	Price/E
6"	BGE6	\$14.40
10"	BGE10	18.05
12"	BGE12	19.50
18"	BGE18	29.75
24"	BGE24	32.60



Blow Gun Tips


Features:

- safety tip
- 1/8" male NPT connection
- can be used with all Dixon Air Chief lever operated blow guns as well as most blow guns from other manufacturers

Nickel Plated Brass Part #	Price/E
SST10	\$3.20

F


Features:

- 1/8" male NPT connection
- can be used with all Dixon Air Chief lever operated blow guns as well as most blow guns from other manufacturers

Rubber Coated Nickel Plated Brass Part #	Price/E
D201RT	\$8.05


Cannon Blow Guns

High Volume Cannon® Blow Gun


Application:

- designed for, but not limited to, outdoor use, ideal where a large air supply is available to move heavy, stubborn debris

Features:

- 3/4" female NPT inlet
- minimum inlet pressure 90 PSI on 1/2" hose
- consumes 135 CFM at 100 PSI
- 48" long extension
- compliant with OSHA Standard 1910.242 (B)
- Safety glasses or shield must be worn when using any blow gun. 


Part #	Price/E
9000-48S	\$408.85

Multi-Jet Cannon® Blow Gun


Application:

- designed for, but not limited to, outdoor use, ideal where a large air supply is available to move heavy, stubborn debris

Features:

- 3/4" female NPT inlet
- minimum inlet pressure 90 PSI on 1/2" hose
- consumes 120 CFM at 100 PSI
- 2" long extension
- Compliant with OSHA Standard 1910.242 (B)
- Safety glasses or shield must be worn when using any blow gun. 

Part #	Price/E
9000-MJ	\$424.35

Heavy Duty - High Volume Blow Guns

Features:

- heavy duty - high volume safety blow guns
- requires high volume coupler and plug for optimum performance
- lightweight and ergonomic
- pistol grip / hanging hook handle
- made from high quality aluminum casting
- maximum operating pressure: **150 PSI**
- ¼" female NPT inlet
- *Safety glasses or shield must be worn when using any blow gun.*



Blow Guns with Safety Tip

Feature:

- reduced to 30 PSI when tip is blocked
- The safety air booster blow gun has a safety tip which prevents buildup of tip pressure in the event the outlet obstructed or "dead ended". It complies with the requirements for OSHA 1910.242 (B) and 1910.95 when used on air lines of 150 PSI or less.



HTBG6

Part #	Description	Price/E
HTBG	gun with <i>no</i> extension	\$64.95
HTBG6	gun with 6" extension	66.50
HTBG12	gun with 12" extension	69.35
HTBG24	gun with 24" extension	74.55
HTBG36	gun with 36" extension	81.80

Blow Gun with Quiet Conical Tip

Feature:

- 7.0 CFM



Part #	Description	Price/E
HTBG-CT	gun with tip only	\$56.95

Accessories

Part #	Description	Material	Price/E	Part #	Description	Material	Price/E
HTBG6EXT	6" extension with safety tip	aluminum	\$41.40	HTBGS	safety tip	aluminum	\$29.00
HTBG12EXT	12" extension with safety tip	aluminum	44.55	HTBGC	conical tip	aluminum	29.50
HTBG24EXT	24" extension with safety tip	aluminum	50.50	HTBGA	tip adapter	aluminum	8.00
HTBG36EXT	36" extension with safety tip	aluminum	56.45	DC41	high flow female coupler	brass	15.40
				DCP41	high flow male plug	brass	3.28

High Volume Typhoon Blow Guns

Features:

- chrome plated aluminum body
- variable flow control
- silicone free for use in paint applications
- ¼" female NPT inlet
- 34 CFM at 125 PSI
- Compliant with OSHA Standard 1910.242 (B). *Safety glasses or shield must be worn when using any blow gun.*



Part #	Description	Price/E
TYP2501-12	gun with 12" extension	\$90.85
TYP2501-24	gun with 24" extension	95.75
TYP2501-36	gun with 36" extension	104.15

Pistol Grip Safety Blow Gun



Features:

- conforms to US Department of Labor, OSHA Standard 1910.242 (B) allowing a maximum of 30 PSI outlet pressure at the nozzle when dead-ended
- conforms to US Department of Labor, OSHA Standard 1910.95 regulating noise level exposure
- conforms to Title 41, Walsh-Healy Rules and Regulations P50-204.8, Safety and Health Standards
- contoured pistol-grip for safe, comfortable handling, even with greasy hands
- convenient hang-up hook
- ¼" female NPT inlet
- *Safety glasses or shield must be worn when using any blow gun.*



Part #	Price/E
PG700	\$57.90

F

Extended Nozzle Pistol Grip Safety Blow Gun



Features:

- conforms to US Dept. of Labor, OSHA Standard 1910.242 (B) allowing a maximum of 30 PSI outlet pressure at the nozzle when dead-ended
- conforms to US Dept. of Labor, OSHA Standard 1910.95 regulating noise level exposure
- conforms to Title 41, Walsh-Healy Rules and Regulations P50-204.8 Safety and Health Standards
- slender 4" extended nozzle allows access to hard to reach places and holes as small as .200"
- variable output trigger enables user to control air flow
- hook design near trigger provides finger protection as well as easy storage
- lightweight to help minimize user fatigue.
- side holes allow air to escape if nozzle tip is dead-ended, thus preventing back pressure buildup
- pressure rating: **150 PSI**
- ¼" female NPT inlet
- *safety glasses or shield must be worn when using any blow gun*



Part #	Price/E
ENBG1	\$37.80

Polyurethane Whip Hose

fittings included

Features:

- bright orange
- for use with jack hammers, chipping hammers, rock drills and other large pneumatic tools
- ½" male NPT swivels on each end
- abrasion resistant
- oil and grease resistant
- strain relief steel spring bend restrictors
- working pressure: **200 PSI at 70°F**

Hose ID	Length	Male NPT	Part #	Price/E
½"	6'	½"	PFD068	\$143.00
½"	10'	½"	PFD108	170.00
½"	25'	½"	PFD125	232.00



F

Polyurethane Air Hose

fittings included

Features:

- durable and lightweight
- nylon-reinforced braid allows for higher working pressure
- excellent flexibility
- oil resistant
- durometer: Shore A 85
- temperature range: **-40°F to 155°F**
- working pressure: **210 PSI at 70°F**

Hose ID	Length	Male NPT	Part #	Price/E
¼"	50'	¼"	450-4S	\$81.50
⅜"	50'	¼"	650-4S	157.00
⅜"	50'	⅜"	650-6S	161.00



Polyurethane Self-Storing Air Hose

fittings included

Features:

- extremely flexible - resists kinking
- impervious to abrasions, heat and oil
- superior elasticity and coil memory
- blue
- both ends swivel
- working pressure: **125 PSI at 70°F**

Hose ID	Length	Male NPT	Part #	Price/E
¼"	10'	¼"	PU1410	\$48.50
¼"	15'	¼"	PU1415	53.40
¼"	25'	¼"	PU1425	60.40
⅜"	15'	⅜"	PU3815	86.60
⅜"	20'	⅜"	PU3820	97.00
⅜"	25'	⅜"	PU3825	108.00
⅜"	50'	⅜"	PU3850	213.00
½"	15'	½"	PU1215	151.50



Repair Kits

Tubing Size		Size	Type	Part #	Price/E
ID	OD				
¼"	3/8"	¼"	swivel male	PSM0404	\$11.20
⅜"	9/16"	¼"	swivel male	PSM0604	15.20



Coil-Chief Self-Storing Air Hose

fittings included



F

Feature:

- supplied with swivel on one end

Hose ID	Length	Male NPT	Working Pressure at 70°F	Nylon Part #	Price/E
1/4"	12'	1/4"	185	CC1412	\$34.50
1/4"	25'	1/4"	185	CC1425	48.25
1/4"	50'	1/4"	185	CC1450	86.00
3/8"	25'	3/8"	165	CC3825	84.00
3/8"	50'	3/8"	165	CC3850	148.00
1/2"	25'	1/2"	170	CC1225	169.00
1/2"	50'	1/2"	170	CC1250	258.00

bulk hose - no fittings**Feature:**

- needs assembly kits for ends



Hose ID	Length	Part #	Price/E
1/4"	100'	CC14100B	\$135.50
3/8"	100'	CC38100B	260.00
1/2"	100'	CC12100B	440.00

Assembly Kits

Feature:

- kits include fittings, nut, insert, ferrule and spring guard



RK110 assembly kit

Size	Fitting Type	Part #	Price/E
1/4"	rigid male	RK090	\$7.30
1/4"	swivel male	RK092	9.65
3/8"	rigid male	RK110	10.15
3/8"	swivel male	RK112	13.75
1/2"	rigid male	RK118	22.60
1/2"	swivel male	RK119	28.80

Tire Pressure Gauges and Accessories

Heavy Duty Tire Gauge

Features:

- 12" hose with swivel dual foot chuck inflator
- tapered chuck nut fits wheel cover holes on cars and light trucks
- calibrated in 2 PSI increments from **10 to 120 PSI**

Part #	Price/E
D101	\$100.20



Passenger Car Tire Gauge

Features:

- 12" hose with straight-on chuck
- straight chuck nut fits wheel cover holes on cars and light trucks
- ideal for use on wells and reels
- calibrated in 2 PSI increments from **10 to 90 PSI**

Part #	Price/E
D150	\$74.50



Professional Tire Pressure Gauge

Features:

- permanently lubricated
- easy to read, dual calibrated (PSI and kPa), four-sided nylon indicator bar
- body is made of chrome-plated brass, head is chrome-plated zinc
- pocket clip
- calibrated in 2 PSI increments from **10 to 50 PSI**

Part #	Price/E
DFG5	\$12.50



Dual Foot Gauges

Features:

- handy pocket clip
- calibrated in 2 PSI increments from **20 to 120 PSI**

Part #	Price/E
DFG1	\$17.70


Features:

- heavy duty hang-up ring
- calibrated in 2 PSI increments from **10 to 130 PSI**

Part #	Price/E
DFG2	\$35.80



Brass Tire Inflator Chuck

Features:

- ball foot chuck
- for direct connection to live air only
- features a built-in shutoff valve (will not work on inflator gauges)
- ¼" NPT female thread
- maximum pressure is **300 PSI**

Part #	Price/E	Opt Qty
D104	\$8.40	10

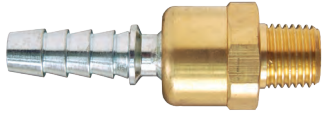


Ball and Push-On Ball Swivels

Ball Swivels

Features:

- brass and hardened steel construction
- O-ring seals
- wobble action for increased flexibility with air driven tools



Hose Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	D444S	\$21.15	25
3/8"	1/4"	D446S	15.60	25

F

Push-On Ball Swivels

Feature:


- special barb design for secure grip in push-on type air hoses



Hose Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	D444SL	\$16.50	25
3/8"	1/4"	D446SL	17.20	25

In-Line Swivels

Features:

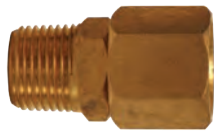
- for air service only 
- rated to **250 PSI** at ambient temperature (70°F), minimum **35 PSI**
- heavy-duty, free turning steel swivel



Male NPT	Female NPT	Steel	
		Part #	Price/E
3/8"	1/2"	SV17	\$70.90
1/2"	1/2"	SV20	72.30
3/4"	3/4"	SV26	75.60

Features:

- for air service only 
- rated to **150 PSI** at ambient temperature (70°F)



Male NPT	Female NPT	Brass	
		Part #	Price/E
1/4"	1/4"	D344R	\$10.50
3/8"	3/8"	D366R	22.75

Steel Bent Stem Swivels

- designed for normal operation at **90 PSI** at ambient temperature (70°F)

½" hose barb

Features:

- ⅞" thread fits the following tool brands: Ingersoll-Rand, Thor, Black & Decker, Harper, Jet, Texas Pneumatic, Kent and Sullair
- ½" thread fits all tools with ½" female NPT thread

Description	Steel		Opt Qty
	Part #	Price/E	
⅞" - 24 thread x ½" hose barb	ATS7812H	\$51.50	50
½" NPT thread x ½" hose barb	ATS1212H	51.50	50



F

⅜" female pipe thread

Feature:

- ⅞" thread fits most chipping hammers

Description	Steel		Opt Qty
	Part #	Price/E	
⅞" - 24 thread x ⅜" female NPT	ATS7838F	\$71.00	25



⅜" male pipe thread

Feature:


- ⅞" thread fits most chipping hammers

Description	Steel		Opt Qty
	Part #	Price/E	
⅞" - 24 thread x ⅜" male NPT	ATS7838M	\$51.50	50



Air Tool Swivels

Features:

- swivels at two locations so air hose can drop directly to the floor
- rated to **150 PSI** at ambient temperature (70°F)
- do not use with percussion tools 

Size	Aluminum		Price/E
	Part #		
¼"	D344U ¹		\$49.70
⅜"	D346U		138.00
½"	D348U		179.00




¹ D344U is a non-marring composite.

Spring Driven Hose Reels

Reelcraft® 5000 Series

Features:

- reel inlet 3/8" NPTF
- all steel construction
- full shaft and swivel
- furnished standard with PVC hose
- maximum temperature is **150°F**
- Compressed air hose should not be converted to oxygen service; they are often contaminated with an oil coating, which can react explosively when oxygen is introduced. 



with hose

Hose ID	Hose Length	Service	PSI	Weight Lbs.	Part #	Price/E
1/4"	50'	air / water	300	26	5450LP	\$742.50
3/8"	35'	air / water	300	25	5635LP	705.70
3/8"	50'	air / water	300	37	5650LP	853.00

without hose

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
50' of 1/4" or 35' of 3/8"	air / water	500	21	5600LP	\$606.50
50' of 3/8"	air / water	500	31	5605LP	708.50

Reelcraft® 7000 Series

Features:

- all steel construction
- LP Low Pressure reels:
 - maximum temperature **150°F**
 - reel inlet 1/2" NPTF
 - PVC hose is standard
- MP Medium Pressure reels:
 - maximum temperature **210°F**
 - reel inlet 1/2" NPTF
 - SAE 100 R1T 1-wire braid hose available
- HP High Pressure reels:
 - maximum temperature **210°F**
 - reel inlet 1/4" NPTF
 - SAE 100 R2T 2-wire braid hose available



with hose

Hose ID	Hose Length	Service	PSI	Weight Lbs.	Part #	Price/E
3/8"	70'	air / water	300	50	7670LP	\$1115.45
1/2"	50'	air / water	300	51	7850LP	1091.40

without hose

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
70' of 3/8", 50' of 1/2"	air / water	500	43	7800LP	\$881.25
50' of 3/8" or 50' of 1/2"	oil	3000	44	7800MP	1026.00
50' of 1/4" or 50' of 3/8"	grease	5000	46	7600HP	1184.60

Reelcraft® 80000 Series

Features:

- reel inlet 3/4" NPTF
- five-in-one heat treated aluminum casting incorporates main shaft, ratchet, spring arbor and inlet/outlet plumbing in one-piece casting
- furnished standard with PVC hose
- maximum temperature is **150°F** *with hose*
- maximum temperature is **210°F** *without hose*



see next page for bumper stops,
consult Dixon for uses
other than stated services

with hose

Hose ID	Hose Length	Service	PSI	Weight Lbs.	Part #	Price/E
1/2"	75'	air / water	300	90	82075LP	\$1680.50
1/2"	100'	air / water	300	99	82100LP	1745.75
3/4"	50'	air / water	250	89	83050LP	1680.50

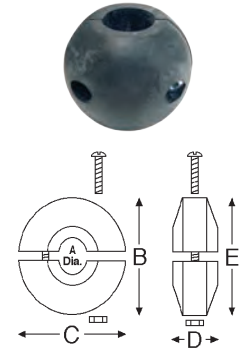
without hose

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
50' of 3/4" or 100' of 1/2"	air / water	500	74	83000LP	\$1485.00

Adjustable Hose Bumper Stops

Hose ID	Hose OD		Dimensions		Reel Series Used On	Part #	Price/E
	From:	To:	B,C,E	D			
¼"	.438"	.625"	2½"	1¼"	5000 series	1-HR1004A	\$29.75
⅜"	.625"	.749"	2½"	1¼"	5000 series	1-HR1004	29.75
⅜"	.625"	.749"	3"	1¼"	7000 series	1-HR1004-3	29.75
½" or ⅝" 2-wire	.750"	1.050"	3"	1¼"	7000 series	2-HR1004-3	29.75
¾"	1.060"	1.300"	3"	1¼"	7000 series	3-HR1004-3	29.75
½"	.750"	1.050"	3½"	2⅞"	9000 series	2-HR1005	70.00
¾"	1.060"	1.380"	3½"	2⅞"	9000 series	3-HR1005	70.00
1"	1.390"	1.550"	3½"	2⅞"	9000 series	4-HR1005	70.00

- adjustable hose bumper stops are not included on hose reels ordered without hose, order separately



F

Reelcraft® 30,000 Manual Driven Hose Reels

Features:

- reel frame, spool and drum are fabricated from heavy gauge steel
- all bolted construction - no welds
- manual driven standard
- motor drive available
- ½" inlet

without hose

Hose ID	Hose Capacity	Spool Width	PSI	Weight Lbs.	Part #	Price/E
¾"	100'	12"	1000	46	C33112L	\$790.75
½"	200'	12"	3000	46	C32112M	679.50



Hose Racks

Features:

- can be used for fire or water hose
- fabricated of heavy, 12 gauge sheet steel for rugged industrial and shipboard use
- provides compact and economical hose storage
- curved saddle design avoids sharp bends in the hose prolonging hose life
- red enamel finish

Hose Size	Rack	Hose Capacity		Weight Lbs.	Part #	Price/E
		Single Jacket	Double Jacket			
1½" - 1¾"	50'	---	---	---	HR1610-3	\$110.65
1½" - 1¾"	100'	---	---	---	HR1610-6	130.15
1½" - 2½"	200'	150'	100'	7.8	HR1610	162.80
2" - 2½"	50'	---	---	---	HR1610-4	119.45



Instrumentation Fittings

Applications:

- high pressure
- high temperature
- nitrogen
- helium
- flammable gases
- hydraulic gases
- corrosive media

Installation Instructions:

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Insert the tubing into the assembly making sure the tubing seats firm against the shoulder of the body and the nut is finger tight.
3. Tighten the nut with a wrench 1¼ turns, while holding the body with a second wrench.

Features:

- Instrumentation fittings come completely assembled.
- fully interchangeable with Swagelok® and Parker A-Lok® fittings
- double collet (ferrule) swaging action
- two positive seal points
- ASTM 316 stainless steel material construction
- temperature range: **-325°F to 1200°F** (-198°C to 648°C)
- pressure ratings: see chart to the left
Ratings listed are for reference only.

Safety Guidelines:

- Never connect, disconnect or remake a fitting with pressure in the system.
- Make sure all fittings are properly installed.
- It is not recommended to go beyond the pressure rating of the tubing. Elongation could occur in the tubing, shrinking the wall thickness and causing potential harm.
- For proper sealing it is recommended that the tubing and fittings be of like material.
- Always use proper thread lubricant and sealants on tapered pipe threads.
- Never bleed a system by loosening a fitting.

Suggested Working Pressures (PSI)

wall thk.	.028	.035	.049	.065	.083	.095	.109
¼"	4,000	5,100	7,500	10,100	---	---	---
⅜"	---	3,300	4,700	6,600	---	---	---
½"	---	2,600	3,700	5,000	6,600	---	---
⅝"	---	---	2,900	3,900	5,200	6,000	---
¾"	---	---	2,400	3,200	4,200	4,900	5,700

Male Connectors



Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
⅛"	⅛"-27	200-1-2	2-DMC-2	15.90	10
	¼"-18	200-1-4	2-DMC-4	16.80	10
¼"	⅛"-27	400-1-2	4-DMC-2	15.20	10
	¼"-18	400-1-4	4-DMC-4	16.55	10
	⅜"-18	400-1-6	4-DMC-6	18.65	10
	½"-14	400-1-8	4-DMC-8	24.75	10
⅜"	¼"-18	600-1-4	6-DMC-4	19.50	10
	⅜"-18	600-1-6	6-DMC-6	22.05	10
	½"-14	600-1-8	6-DMC-8	26.55	10
½"	¼"-18	810-1-4	8-DMC-4	28.90	10
	⅜"-18	810-1-6	8-DMC-6	29.70	10
	½"-14	810-1-8	8-DMC-8	33.10	10
⅝"	½"-14	1010-1-8	10-DMC-8	44.85	10
¾"	½"-14	1210-1-8	12-DMC-8	60.40	10
	¾"	1210-1-12	12-DMC-12	60.40	10
	1"	1210-1-16	12-DMC-16	83.00	10
1"	¾"	1610-1-12	16-DMC-12	105.00	10
	1"	1610-1-16	16-DMC-16	138.00	10

Female Connectors



Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
⅛"	⅛"-27	200-7-2	2-DFC-2	\$18.90	10
¼"	⅛"-27	400-7-2	4-DFC-2	18.70	10
	¼"-18	400-7-4	4-DFC-4	23.10	10
⅜"	¼"-18	600-7-4	6-DFC-4	23.95	10
	½"-14	600-7-8	6-DFC-8	41.50	10
½"	½"-14	810-7-8	8-DFC-8	46.25	10
⅝"	½"	1010-7-8	10-DFC-8	54.00	10
¾"	½"	1210-7-8	12-DFC-8	62.00	10
	¾"	1210-7-12	12-DFC-12	73.00	10
1"	1"	1610-7-16	16-DFC-16	134.00	10

Instrumentation Fittings

Unions

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8" x 1/8"	200-6	2-DU	\$22.75	10
1/4" x 1/8"	400-6-2	4-DU-2	24.00	10
1/4" x 1/4"	400-6	4-DU	23.85	10
3/8" x 1/4"	600-6-4	6-DU-4	33.10	10
3/8" x 3/8"	600-6	6-DU	33.10	10
1/2" x 1/2"	810-6	8-DU	50.00	10
5/8" x 5/8"	1010-6	10-DU	72.00	10
3/4" x 3/4"	1210-6	12-DU	97.00	10
1" x 1"	1610-6	16-DU	190.00	10



F

Bulkhead Unions

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-61	4-DBHU-4	\$32.85	10
3/8"	600-61	6-DBHU-6	47.55	10
1/2"	810-61	8-DBHU-8	75.90	10
5/8"	1010-61	10-DBHU-10	98.00	10
3/4"	1210-16	12-DBHU-12	124.00	10
1"	1610-16	16-DBHU-16	242.00	10



Reducers

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4" x 1/8"	400-R-2	4-DRATT-2	\$24.50	10
3/8" x 1/4"	600-R-4	6-DRATT-4	24.50	10
3/8" x 1/2"	600-R-8	6-DRATT-8	25.25	10
1/2" x 3/4"	810-R-12	8-DRATT-12	32.05	10
3/4" x 1/2"	1210-R-8	12-DRATT-8	62.25	10
3/4" x 1"	1210-R-16	12-DRATT-16	68.00	10



Male Elbows

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/8"-27	400-2-2	4-DME-2	\$28.30	10
	1/4"-18	400-2-4	4-DME-4	28.30	10
3/8"	1/4"-18	600-2-4	6-DME-4	33.95	10
	3/8"-18	600-2-6	6-DME-6	40.75	10
1/2"	1/2"-14	810-2-8	8-DME-8	59.95	10
3/4"	1/2"-14	1210-2-8	12-DME-8	92.45	10
	3/4"	1210-2-12	12-DME-12	103.10	10
1"	3/4"	1610-2-12	16-DME-12	206.00	10
	1"	1610-2-16	16-DME-16	186.00	10



Female Elbows

Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/4"-18	400-8-2	4-DFE-2	\$40.70	10
3/8"	1/4"-18	600-8-4	6-DFE-4	41.35	10
1/2"	1/2"-14	810-8-8	8-DFE-8	80.00	10
3/4"	1/2"	1210-8-8	12-DFE-8	120.00	10
3/4"	3/4"	1210-8-12	12-DFE-12	163.00	10
1"	1"	1610-8-16	16-DFE-16	276.00	10



Instrumentation Fittings

Union Elbows



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-9	4-DELU-4	\$38.70	10
3/8"	600-9	6-DELU-6	43.50	10
1/2"	810-9	8-DELU-8	65.10	10
5/8"	1010-9	10-DELU-10	97.00	10
3/4"	1210-9	12-DELU-12	130.00	10
1"	1610-9	16-DELU-16	256.00	10

F

Male Branch Tees



Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/8"	1/8"-27	200-3TTM	2-DTTM-2	\$49.00	10
1/4"	1/4"-18	400-3-4TTM	4-DTTM-4	56.00	10
1/2"	3/8"	810-3TTM	8-DTTM-6	90.00	10
1/2"	1/2"	810-3-8TTM	8-DTTM-8	96.00	10
3/4"	1/2"	1210-3-8TTM	12-DTTM-8	294.00	10
3/4"	3/4"	1210-3TTM	12-DTTM-12	151.00	10
1"	3/4"	1610-3-12TTM	16-DTTM-12	560.00	10
1"	1"	1610-3-16TTM	16-DTTM-16	650.00	10

Female Branch Tees



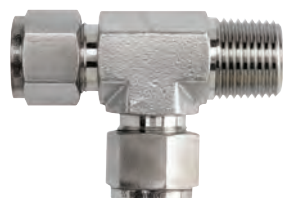
Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/4"-18	400-3-4TTF	4-DTTF-4	\$65.00	10

Union Tees



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-3	4-DTTT-4	\$55.20	10
3/8"	600-3	6-DTTT-6	76.20	10
1/2"	810-3	8-DTTT-8	109.10	10
5/8"	1010-3	10-DTTT-10	145.00	10
3/4" x 3/8"	1210-3-12-6	12-DTTT-6	235.00	10
3/4" x 1/2"	1210-3-12-8	12-DTTT-8	235.00	10
3/4"	1210-3	12-DTTT-12	191.00	10
1" x 3/4"	1610-3-12-16	16-DTTT-12	500.00	10
1"	1610-3	16-DTTT-16	440.00	10

Male Run Tees



Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/8"	1/8"-27	200-3TMT	2-DTMT-2	\$49.00	10
1/4"	1/4"-18	400-3-4TMT	4-DTMT-4	56.00	10
3/8"	1/4"-18	600-3TMT	6-DTMT-4	59.40	10
1/2"	3/8"	810-3TMT	8-DTMT-6	90.00	10
1/2"	1/2"	810-3-8TMT	8-DTMT-8	96.00	10
3/4"	3/4"	1210-3TMT	12-DTMT-12	152.00	10
1"	1"	1610-3-16TMT	16-DTMT-16	650.00	10

Instrumentation Fittings

Front Ferrules

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8"	203-1	DFC-2	\$2.95	10
1/4"	403-1	DFC-4	3.15	10
3/8"	603-1	DFC-6	3.20	10
1/2"	813-1	DFC-8	3.90	10
5/8"	1013-1	DFC-10	5.85	10
3/4"	1213-1	DFC-12	8.30	10
1"	1613-1	DFC-16	17.00	10



Rear Ferrules

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8"	204-1	DRC-2	\$2.45	10
1/4"	404-1	DRC-4	2.40	10
3/8"	604-1	DRC-6	2.95	10
1/2"	814-1	DRC-8	3.85	10
5/8"	1014-1	DRC-10	13.80	10
3/4"	1214-1	DRC-12	15.50	10
1"	1614-1	DRC-16	41.00	10



Nuts

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	402-1	DN-4	\$4.50	10
3/8"	602-1	DN-6	6.25	10
1/2"	812-1	DN-8	10.00	10
5/8"	1012-1	DN-10	13.10	10
3/4"	1212-1	DN-12	16.50	10
1"	1612-1	DN-16	30.00	10



Caps

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-C	4-DCAP	\$12.75	10
3/8"	600-C	6-DCAP	15.90	10
1/2"	810-C	8-DCAP	26.45	10
5/8"	1010-C	10-DCAP	35.00	10
3/4"	1210-C	12-DCAP	48.00	10
1"	1610-C	16-DCAP	105.00	10



Plugs

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-P	4-DFPLUG	\$11.10	10
3/8"	600-P	6-DFPLUG	12.80	10
1/2"	810-P	8-DFPLUG	19.00	10
5/8"	1010-P	10-DFPLUG	25.25	10
3/4"	1210-P	12-DFPLUG	31.00	10
1"	1610-P	16-DFPLUG	62.00	10



F

Brass SAE 45° Flare Fittings

Applications:

- for use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared

Features:

- economical fitting
- resists mechanical pullout
- easy to disassemble and may be reassembled repeatedly, for a leak-proof connection
- manufactured from CA 360, CA 345, or CA377 brass
- for use with hard-to-hold liquids and gases
- Listed with Underwriter's Laboratories for flammable liquid, marine, refrigeration and gas applications. Meets functional requirements of SAE J512 and J513, ASA and MS (Military Standards).
- temperature range: **-65°F to 250°F**

F

Working Pressure Ranges:

Temperature and type of tubing used are important factors, the following table is a general guide for proper selection. The PSI rating given is based on a temperature of **73°F** using copper tubing.

PSI	Tube OD	Tube Wall
1400	1/4"	.030
1000	3/8"	.032
750	1/2"	.032
650	5/8"	.035
550	3/4"	.035

Assembly Instructions:

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Place nut onto tube. Place threaded end of nut toward end of tube.
3. Flare tube end with flaring tool to provide 45° flare. (flare tools are available, please contact Dixon for pricing and availability)
4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight. Tighten with a wrench an additional 1/4 turn for a metal-to-metal seal.

Male Connectors



Tube Size	Pipe Size	Straight Thread	Hex	Brass	
				Part #	Price/E
1/4"	1/4"	7/16"-20	9/16"	48F-4-4	\$2.45
1/4"	3/8"	7/16"-20	11/16"	48F-4-6	4.30
1/4"	1/2"	7/16"-20	7/8"	48F-4-8	12.25
3/8"	1/8"	5/8"-18	5/8"	48F-6-2	4.50
3/8"	1/4"	5/8"-18	5/8"	48F-6-4	3.50
3/8"	3/8"	5/8"-18	11/16"	48F-6-6	4.00
3/8"	1/2"	5/8"-18	7/8"	48F-6-8	5.90
1/2"	1/4"	3/4"-16	3/4"	48F-8-4	7.25
1/2"	3/8"	3/4"-16	3/4"	48F-8-6	4.70
1/2"	1/2"	3/4"-16	7/8"	48F-8-8	6.35
5/8"	3/8"	7/8"-14	7/8"	48F-10-6	6.85
3/4"	3/4"	1-1/16"-14	1-1/16"	48F-12-12	13.00

Female Connectors

Feature:

- reference SAE 010103



Tube Size	Pipe Size	Straight Thread	Hex	Brass	
				Part #	Price/E
1/4"	1/4"	7/16"-20	11/16"	46F-4-4	\$4.15
3/8"	1/4"	5/8"-18	11/16"	46F-6-4	4.80
3/8"	3/8"	5/8"-18	13/16"	46F-6-6	7.60
3/8"	1/2"	5/8"-18	1"	46F-6-8	12.40
1/2"	1/4"	3/4"-16	3/4"	46F-8-4	7.45
1/2"	3/8"	3/4"-16	13/16"	46F-8-6	7.40
5/8"	3/8"	7/8"-14	7/8"	46F-10-6	11.70

Brass SAE 45° Flare Fittings

Unions

Feature:

- reference SAE 010101

Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16"-20	7/16"	42F-4	\$2.05
3/8"	5/8"-18	5/8"	42F-6	4.60
1/2"	3/4"-16	3/4"	42F-8	5.90



F

Male Elbows

Feature:

- reference SAE 010202

Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/8"	7/16"-20	149F-4-2	\$4.25
1/4"	1/4"	7/16"-20	149F-4-4	6.45
1/4"	3/8"	7/16"-20	149F-4-6	12.15
3/8"	1/4"	5/8"-18	149F-6-4	7.90
3/8"	3/8"	5/8"-18	149F-6-6	9.20
3/8"	1/2"	5/8"-18	149F-6-8	11.50
1/2"	1/4"	3/4"-16	149F-8-4	11.90
1/2"	3/8"	3/4"-16	149F-8-6	8.80
1/2"	1/2"	3/4"-16	149F-8-8	9.25
5/8"	1/2"	7/8"-14	149F-10-8	11.50
3/4"	3/4"	1-1/16"-14	149F-12-12	21.70



Female Elbows

Feature:

- reference SAE 010203

Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/4"	7/16"-20	150F-4-4	\$11.05
3/8"	3/8"	5/8"-18	150F-6-6	14.85
3/8"	1/2"	5/8"-18	150F-6-8	22.85



90° Swivel Elbows

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-20	166FSV-4-4	\$13.35
3/8"	5/8"-18	166FSV-6-6	16.70
1/2"	3/4"-16	166FSV-8-8	22.50



Brass SAE 45° Flare Fittings

45° Elbows

Feature:

- reference SAE 010302



Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/4"	7/16"-20	159F-4-4	\$10.00
3/8"	1/4"	5/8"-18	159F-6-4	7.70
3/8"	3/8"	5/8"-18	159F-6-6	7.00
1/2"	1/4"	3/4"-16	159F-8-4	20.15
1/2"	3/8"	3/4"-16	159F-8-6	7.40
1/2"	1/2"	3/4"-16	159F-8-8	13.95

Union Tees

Feature:

- reference SAE 010401



Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-20	144F-4	\$7.60
3/8"	5/8"-18	144F-6	12.90
1/2"	3/4"-16	144F-8	15.80

Short Nuts

Features:

- short nut for use when vibration is minimal
- reference SAE 010110



Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16"-20	9/16"	41FS-4	\$1.90
3/8"	5/8"-18	3/4"	41FS-6	3.35
1/2"	3/4"-16	7/8"	41FS-8	4.70

Long Nuts

Features:

- long nut offers additional vibration capacity
- reference SAE 010111



Tube Size	Straight Thread	Hex	Brass	
			Part #	Price/E
1/4"	7/16"-20	9/16"	41FL-4	\$2.65
3/8"	5/8"-18	3/4"	41FL-6	6.75
1/2"	3/4"-16	7/8"	41FL-8	8.45

Brass Compression Fittings

Applications:

- for use with copper, aluminum and Parflex thermoplastic tubing
- not recommended for steel tubing or applications using gaseous media

Features:

- no flaring, soldering or other preparation of tubing necessary to assemble
- manufactured for connection to low and medium pressure tubing connection work where excessive vibration or tube movement is not involved
- Underwriter's Laboratories listed for flammable liquid.
- Compression fittings meet functional requirements of SAE J-512 and ASA.

Assembly Instructions:

1. Slide nut, then sleeve onto tubing. The thread end of the nut must face outward.
2. Insert the tube into the fitting. Be sure the tube is bottomed on the fitting shoulder.
3. Assemble nut to body, than tighten hand-tight. Then follow the number of wrench turns as indicated in the table below.

Fitting Size	Tube OD	Tube Wall	Turns required to seal from hand-tight		PSI
			60C Series with soft metal tubing	60PT Series with thermoplastic tubing	
2	1/8	.030	1-1/4	-	400
3	3/16	.030	1-1/4	-	400
4	1/4	.030	1-1/4	2	300
5	5/16	.032	1-1/4	2	300
6	3/8	.032	2-1/4	2	200
8	1/2	.032	2-1/4	2	200
10	5/8	.035	2-1/4	2	150
12	3/4	.035	2-1/4	2	100
14	7/8	.035	2-1/4	-	75

Male Connectors



Feature:

- reference SAE 060102 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	68C-0202	\$3.55
3/16"	1/8"	68C-0302	3.55
3/16"	1/4"	68C-0304	6.10
1/4"	1/8"	68C-0402	2.97
1/4"	1/4"	68C-0404	4.31
1/4"	3/8"	68C-0406	6.75
1/4"	1/2"	68C-0408	10.87
5/16"	1/8"	68C-0502	5.50
5/16"	1/4"	68C-0504	4.75
3/8"	1/8"	68C-0602	4.45
3/8"	1/4"	68C-0604	4.76
3/8"	3/8"	68C-0606	6.07
3/8"	1/2"	68C-0608	8.67
7/16"	1/4"	68C-0704	13.50
1/2"	1/4"	68C-0804	9.23
1/2"	3/8"	68C-0806	10.80
1/2"	1/2"	68C-0808	10.76
5/8"	3/8"	68C-1006	14.41
5/8"	1/2"	68C-1008	13.58
5/8"	3/4"	68C-1012	23.72
3/4"	1/2"	68C-1208	22.19
3/4"	3/4"	68C-1212	28.30
7/8"	3/4"	68C-1412	27.75

Female Connectors



Feature:

- reference SAE 060103 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	66C-0202	\$5.91
3/16"	1/8"	66C-0302	5.40
3/16"	1/4"	66C-0304	15.75
1/4"	1/8"	66C-0402	3.55
1/4"	1/4"	66C-0404	8.78
5/16"	1/8"	66C-0502	7.95
5/16"	1/4"	66C-0504	14.85
3/8"	1/8"	66C-0602	5.50
3/8"	1/4"	66C-0604	8.76
3/8"	3/8"	66C-0606	9.27
3/8"	1/2"	66C-0608	14.15
1/2"	1/4"	66C-0804	15.66
1/2"	3/8"	66C-0806	12.95
1/2"	1/2"	66C-0808	19.31
5/8"	1/2"	66C-1008	18.75

Unions



Feature:

- reference SAE 060101 BA

Tube Size	Brass	
	Part #	Price/E
1/8"	62C-02	\$6.65
3/16"	62C-03	4.86
1/4"	62C-04	4.50
5/16"	62C-05	6.33
3/8"	62C-06	5.67
7/16"	62C-07	28.07
1/2"	62C-08	13.42
5/8"	62C-10	18.18
3/4"	62C-12	37.82
7/8"	62C-14	44.20

Brass Compression Fittings

Union Reducers



Feature:

- reference SAE 060101 BA

Tube Size	Brass	
	Part #	Price/E
3/16" x 1/4"	62C-0403	\$13.15
1/4" x 3/8"	62C-0604	13.00
3/8" x 1/2"	62C-0806	24.82
3/8" x 5/8"	62C-1006	17.85

Bulkhead Unions



Tube Size	Brass	
	Part #	Price/E
1/4"	62CBH-04	\$13.73
3/8"	62CBH-06	26.52

Straight Through Tank Fittings



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
3/16"	1/8"	682C-0302	\$12.45
3/8"	3/8"	682C-0606	17.33
1/2"	1/2"	682C-0808	24.05

Male Elbows



Feature:

- reference SAE 060202 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	269C-0202	\$6.17
3/16"	1/8"	169C-0302	9.07
3/16"	1/4"	169C-0304	14.85
1/4"	1/8"	169C-0402	7.30
1/4"	1/4"	169C-0404	7.56
1/4"	3/8"	169C-0406	18.18
5/16"	1/8"	169C-0502	12.10
5/16"	1/4"	169C-0504	12.20
5/16"	3/8"	169C-0506	27.03
3/8"	1/8"	169C-0602	10.61
3/8"	1/4"	169C-0604	8.30
3/8"	3/8"	169C-0606	10.22
3/8"	1/2"	169C-0608	18.07
1/2"	1/4"	169C-0804	19.97
1/2"	3/8"	169C-0806	14.96
1/2"	1/2"	169C-0808	19.92
5/8"	1/2"	169C-1008	24.55
3/4"	1/2"	169C-1208	39.85
3/4"	3/4"	169C-1212	39.85

Female Elbows



Feature:

- reference SAE 060203 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	170C-0202	\$11.33
3/16"	1/8"	170C-0302	13.00
1/4"	1/8"	170C-0402	10.26
1/4"	1/4"	170C-0404	15.29
3/8"	1/4"	170C-0604	16.11
3/8"	3/8"	170C-0606	18.82
7/16"	1/4"	170C-0704	29.73
1/2"	3/8"	170C-0806	19.66

45° Elbows



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/4"	1/8"	179C-0402	\$13.25
1/4"	1/4"	179C-0404	15.55
3/8"	1/8"	179C-0602	22.49
3/8"	1/4"	179C-0604	17.03
3/8"	3/8"	179C-0606	22.71
1/2"	3/8"	179C-0806	29.92

Union Elbows



Feature:

- reference SAE 060201 BA

Tube Size	Brass	
	Part #	Price/E
1/8"	165C-02	\$18.22
3/16"	165C-03	10.26
1/4"	165C-04	10.50
5/16"	165C-05	16.22
3/8"	165C-06	9.85
7/16"	165C-07	23.85
1/2"	165C-08	23.10
5/8"	165C-10	27.27
3/4"	165C-12	52.81

Brass Compression Fittings

Male Branch Tees



Feature:

- reference SAE 060425 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	172C-0202	\$15.40
3/16"	1/8"	172C-0302	15.40
1/4"	1/8"	172C-0402	10.75
1/4"	1/4"	172C-0404	13.75
3/8"	1/8"	172C-0602	18.00
3/8"	1/4"	172C-0604	14.90
3/8"	3/8"	172C-0606	22.00
1/2"	3/8"	172C-0806	26.46

Female Branch Tee



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/4"	1/8"	177C-0402	\$17.19

F

Union Tees



Feature:

- reference SAE 060401 BA

Tube Size 1 and 2	Tube Size 3	Brass	
		Part #	Price/E
1/8"	1/8"	164C-02	\$20.87
3/16"	3/16"	264C-03	16.62
1/4"	1/4"	164C-04	11.30
5/16"	5/16"	164C-05	17.25
3/8"	3/8"	164C-06	14.90
1/2"	1/2"	164C-08	28.65
5/8"	5/8"	164C-10	47.45
3/4"	3/4"	164C-12	102.28
3/8"	1/4"	164C-06-06-04	18.34
1/2"	3/8"	164C-08-08-06	71.60

Male Run Tees



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	171C-0202	\$15.93
1/4"	1/8"	171C-0402	12.10
1/4"	1/4"	171C-0404	14.40
3/8"	1/4"	171C-0604	17.00

Adapter Tee



Tube Size	Male Pipe Thread	Female Straight Thread	Brass	
			Part #	Price/E
1/4"	1/8"	7/16"-24	176C-0402	\$12.45

Seal Plug



Tube Size	Brass	
	Part #	Price/E
1/4"	639C-04	\$4.32

Brass Compression Fittings

Brass Inserts



Tube Size	Wall Thickness	Brass	
		Part #	Price/E
1/8"	.016	63PT-0216	\$0.96
1/8"	.023	63PT-0223	1.15
3/16"	.025	63PT-0325	1.05
3/16"	.040	63PT-0340	0.86
1/4"	.040	63PT-0440	0.72
1/4"	.062	63PT-0462	1.25
5/16"	.040	63PT-0540	1.80
5/16"	.062	63PT-0562	1.12
3/8"	.062	63PT-0662	0.80
1/2"	.062	63PT-0862	1.06
5/8"	.062	63PT-1062	2.11

Brass Sleeves



Feature:

- reference SAE 060115

Tube Size	Brass	
	Part #	Price/E
1/8"	60C-02	\$0.72
3/16"	60C-03	0.72
1/4"	60C-04	0.72
5/16"	60C-05	0.72
3/8"	60C-06	0.72
7/16"	60C-07	1.73
1/2"	60C-08	1.06
5/8"	60C-10	1.44
3/4"	60C-12	1.98
7/8"	60C-14	4.14

- Delrin® sleeves and brass inserts allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

Delrin® Sleeves



Tube Size	Delrin®	
	Part #	Price/E
1/4"	60PT-04	\$0.76
5/16"	60PT-05	0.96
3/8"	60PT-06	0.86
1/2"	60PT-08	1.06
5/8"	60PT-10	1.55

Nuts



Feature:

- reference SAE 060110

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/8"	5/16"-24	61C-02	\$1.11
3/16"	3/8"-24	61C-03	1.20
1/4"	7/16"-24	61C-04	1.15
5/16"	1/2"-24	61C-05	1.55
3/8"	9/16"-24	61C-06	1.39
7/16"	5/8"-24	61C-07	3.33
1/2"	11/16"-20	61C-08	2.97
5/8"	13/16"-18	61C-10	5.40
3/4"	1"-18	61C-12	9.49
7/8"	1-1/8"-18	61C-14	9.95

Long Nuts



Feature:

- reference SAE 060111

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-24	61CL-04	\$2.86
5/16"	1/2"-24	61CL-05	13.50
3/8"	9/16"-24	61CL-06	4.95
1/2"	11/16"-20	61CL-08	8.85
5/8"	13/16"-18	61CL-10	18.23
3/4"	1"-18	61CL-12	18.90

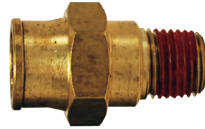
- Delrin® is a registered trademark of E.I. duPont de Nemours and Company.

Brass Push-In Fittings

Features:

- saves up to 75% of assembly time compared to the standard compression fittings
- quick connect: simply push tubing in, no tools required
- quick disconnect: hold two fingers on insert and pull tubing out, no tools required
- reusable: connect and disconnect numerous times
- full flow design provides up to 60% more flow than conventional fittings with internal tube supports
- positive seal: no leaks, after tubing is inserted, seal is made
- secure tube retention: pulling on tubing only serves to tighten the connection
- pre-applied PTFE based pipe sealant on all male pipe threads saves customer additional labor
- working pressure: fittings are suitable for use up to the maximum working pressure of the plastic tubing used also suitable for vacuum service
- temperature range: **-10°F to 200°F**

Male Connectors



tube to male NPTF

Tube OD	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	10-32 ¹	684X10	\$10.70	20
1/8"	1/8"	684X4	7.70	20
5/32"	10-32 ¹	685X10	9.20	20
5/32"	1/8"	685X4	6.50	20
5/32"	1/4"	685X8	8.80	10
3/16"	10-32 ¹	686X10	10.40	20
3/16"	1/8"	686X4	8.75	20
1/4"	10-32 ¹	688X10	9.60	20
1/4"	1/8"	688X4	5.35	20
1/4"	1/4"	688X8	5.80	10
1/4"	3/8"	688X12	10.20	10
3/8"	1/8"	6812X4	7.70	10
3/8"	1/4"	6812X8	7.55	10
3/8"	3/8"	6812X12	8.70	10
3/8"	1/2"	6812X16	13.85	5
1/2"	1/4"	6816X8	12.40	5
1/2"	3/8"	6816X12	12.65	5
1/2"	1/2"	6816X16	16.10	5

¹ UNF - Straight thread, supplied with gasket

Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	664X4	\$17.40	10
5/32"	1/8"	665X4	14.35	10
1/4"	1/8"	668X4	10.00	10
1/4"	1/4"	668X8	13.00	10
3/8"	1/4"	6612X8	14.05	10
3/8"	3/8"	6612X12	19.00	5

Unions



tube to tube

Tube OD	Brass		Opt Qty
	Part #	Price/E	
1/8"	624	\$9.00	20
5/32"	625	9.85	10
1/4"	628	9.00	10
3/8"	6212	11.00	10
1/2"	6216	14.30	5

Bulkhead Unions



tube to male thread

Tube OD	Thread	Brass		Opt Qty
		Part #	Price/E	
1/8"	7/16"-20	824	\$24.50	10
5/32"	7/16"-20	825	23.00	10
1/4"	1/2"-20	828	16.50	10
3/8"	3/4"-16	8212	23.00	5
1/2"	15/16"-16	8216	34.00	5

Brass Push-In Fittings

Male Elbows



tube to male NPTF

Female Elbows



tube to female NPTF

F

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	694X4	\$7.45	10
5/32"	1/8"	695X4	7.25	10
3/16"	1/8"	696X4	7.90	10
1/4"	1/8"	698X4	6.75	10
1/4"	1/4"	698X8	7.75	10
1/4"	3/8"	698X12	12.75	10
3/8"	1/8"	6912X4	10.20	10
3/8"	1/4"	6912X8	10.55	10
3/8"	3/8"	6912X12	12.75	10
1/2"	1/4"	6916X8	14.45	5
1/2"	3/8"	6916X12	13.95	5

Tube OD	Female NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
5/32"	1/8"	705X4	\$7.80	10
1/4"	1/8"	708X4	8.90	10
1/4"	1/4"	708X8	11.50	5
3/8"	1/4"	7012X8	19.05	5

Union Elbows



tube to tube

Tube OD	Forged Brass		Opt Qty
	Part #	Price/E	
1/8"	654	\$9.80	10
5/32"	655	8.70	10
1/4"	658	9.65	10
3/8"	6512	13.50	10
1/2"	6516	20.80	5

Male Swivel Elbows



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	69S4X4	\$9.10	10
5/32"	10-32 ¹	69S5X10	10.35	10
5/32"	1/8"	69S5X4	9.60	10
5/32"	1/4"	69S5X8	11.45	10
1/4"	10-32 ¹	69S8X10	11.75	10
1/4"	1/8"	69S8X4	8.60	10
1/4"	1/4"	69S8X8	10.90	10
1/4"	3/8"	69S8X12	16.40	10
3/8"	1/8"	69S12X4	13.35	10
3/8"	1/4"	69S12X8	13.60	10
3/8"	3/8"	69S12X12	14.45	5
3/8"	1/2"	69S12X16	18.50	5
1/2"	3/8"	69S16X12	18.05	5
1/2"	1/2"	69S16X16	21.55	5

¹ UNF - Straight thread, supplied with gasket

Brass Push-In Fittings

Male Branch Tees



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	724X4	\$10.80	10
5/32"	1/8"	725X4	12.30	10
3/16"	1/8"	726X4	11.95	10
1/4"	1/8"	728X4	12.75	10
1/4"	1/4"	728X8	13.60	5
3/8"	1/8"	7212X4	16.10	5
3/8"	1/4"	7212X8	17.80	5
3/8"	3/8"	7212X12	19.50	5
1/2"	3/8"	7216X12	23.65	5

Union Tees



tube to tube

Tube OD	Forged Brass		Opt Qty
	Part #	Price/E	
1/8"	644	\$14.10	10
5/32"	645	11.80	10
3/16"	646	13.40	10
1/4"	648	13.40	10
3/8"	6412	18.00	5
1/2"	6416	27.75	5

F

Male Swivel Branch Tees



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	72S4X4	\$14.30	10
5/32"	10-32 ¹	72S5X10 ²	20.60	10
5/32"	1/8"	72S5X4	14.30	10
1/4"	1/8"	72S8X4	15.40	10
1/4"	1/4"	72S8X8	15.30	5
3/8"	1/4"	72S12X8	18.65	5
3/8"	3/8"	72S12X12	21.25	5
1/2"	3/8"	72S16X12	29.30	5
1/2"	1/2"	72S16X16	34.10	5

¹ UNF - Straight thread, supplied with gasket

² stock quantity only

Male Run Tees



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	714X4	\$12.80	10
5/32"	1/8"	715X4	10.60	10
1/4"	1/8"	718X4	12.75	10
1/4"	1/4"	718X8	14.20	5
3/8"	1/8"	7112X4	16.80	5
3/8"	1/4"	7112X8	15.40	5
3/8"	3/8"	7112X12	18.90	5
1/2"	3/8"	7116X12	26.25	5

Male Swivel Run Tees

tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	71S4X4	\$11.95	10
5/32"	10-32 ¹	71S5X10	20.10	10
5/32"	1/8"	71S5X4	13.60	5
1/4"	1/8"	71S8X4	14.45	5
1/4"	1/4"	71S8X8	15.30	5
3/8"	1/4"	71S12X8	18.90	5
3/8"	3/8"	71S12X12	19.95	5
1/2"	3/8"	71S16X12	30.25	5
1/2"	1/2"	71S16X16	33.95	5

¹ UNF - Straight thread, supplied with gasket.



Stainless Steel Legris Push-In Fittings

Applications:

Suitable for many industries such as: chemical, food, packaging and medical.

Features:

- temperature range: **-4°F to 245°F**
- maximum operating pressure: **290 PSI**
- *Maximum circuit pressure depends equally on the type and diameter of the tube used.*
- conforms to FDA and 1934/2004 CE standards



Compatible with a range of tubes:

- semi-rigid nylon tube
- flexible polyurethane tube
- low density polyethylene
- PTFE tube FEP 140
- stainless steel and copper tube (when grooved)

Materials of Construction:

- body - AISI 316 stainless steel
- backup washer - 316L stainless steel
- collet - 303L stainless steel
- seal - FKM O-ring
- Thread sealant does not come pre-applied on male threads, allowing the appropriate sealant for the application to be applied by the user.
- no silicone

F

Straight Male Connectors



tube to male NPT

Tube OD	Male NPT	Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	38055611	\$58.05	10
1/4"	1/4"	38055614	61.15	10
3/8"	1/4"	38056014	72.55	10
3/8"	3/8"	38056018	75.70	10
1/2"	3/8"	38056218	98.35	10
1/2"	1/2"	38056222	104.55	10

Unions



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38065600	\$65.35	10
3/8"	38066000	90.10	10
1/2"	38066200	114.95	10

Bulkhead Connectors



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38165600	\$132.50	10
3/8"	38166000	142.85	10
1/2"	38166200	165.90	10

Male Elbows



tube to male NPT

Tube OD	Male NPT	Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	38895611	\$83.85	10
1/4"	1/4"	38895614	94.20	10
3/8"	1/4"	38896014	155.40	10
3/8"	3/8"	38896018	161.50	10
1/2"	3/8"	38896218	190.50	10
1/2"	1/2"	38896222	199.75	10

- body is orientable for positioning purposes

Equal Elbow Union



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38025600	\$79.70	10

Union Tees



tube to tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	38045600	\$111.80	10
3/8"	38046000	169.75	10
1/2"	38046200	202.85	10

Nickel-Plated Brass Legris Push-In Fittings

Applications:

- A solution for pneumatic applications and fluids in aggressive environments where stainless steel is not necessary.
- for various fluids: compressed air and fluids compatible with materials of construction
- typical industries include: automotive, packaging, paper mills, wood working, factories with wash-down processes

Features:

- temperature range: **5°F to 180°F**
- pressure range: vacuum to **290 PSI**
- *Maximum circuit pressure depends equally on the type and diameter of the tube used.*
- thread: length of threads in accordance with ISO 7.1 standards



Construction:

- pre-applied thread sealant on all male NPT threads
- no silicone
- tube compatibility: urethane, nylon, polyethylene, PTFE, metallic tubes (stainless steel and copper, when grooved)
- brass body with external and internal chemical (electroless) nickel plating
- Buna-N seal

Female Connectors



tube to female NPT

Tube OD	Female NPT	Nickel-Plated Brass		Opt Qty
		Part #	Price/E	
5/32"	1/4"	32150414	\$12.75	10
1/4"	1/8"	32155611	8.30	10
1/4"	1/4"	32155614	10.90	10
3/8"	1/4"	32156014	16.85	10
3/8"	3/8"	32156018	17.40	10
1/2"	3/8"	32156218	17.60	10
1/2"	1/2"	32156222	18.25	10

Male Connectors



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
5/32"	10-32 ¹	32010420	\$5.10	10
5/32"	1/8"	32750411	4.80	10
5/32"	1/4"	32750414	7.25	10
1/4"	10-32 ¹	32015620	6.75	10
1/4"	1/8"	32755611	5.60	10
1/4"	1/4"	32755614	6.20	10
1/4"	3/8"	32755618	7.60	10
3/8"	1/8"	32756011	11.05	10
3/8"	1/4"	32756014	8.60	10
3/8"	3/8"	32756018	11.20	10
3/8"	1/2"	32756022	14.10	10
1/2"	3/8"	32756218	14.10	10
1/2"	1/2"	32756222	14.30	10

¹ UNF - Straight thread, supplied with gasket and plastic button

Male Elbows



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	10-32 ¹	32990420	\$10.15	10
5/32"	1/8"	32090411	7.85	10
5/32"	1/4"	32090414	9.85	10
1/4"	1/8"	32095611	6.40	10
1/4"	1/4"	32095614	7.30	10
1/4"	3/8"	32095618	10.50	10
3/8"	1/4"	32096014	14.90	10
3/8"	3/8"	32096018	12.50	10
3/8"	1/2"	32096022	15.55	10
1/2"	1/2"	32096222	19.30	10

¹ UNF - Straight thread, supplied with gasket and plastic button

- body is orientable for positioning purposes

Male Run Tees



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	10-32 ¹	32930420	\$16.05	10
5/32"	1/8"	32030411	11.75	10
5/32"	1/4"	32030414	13.25	10
1/4"	1/8"	32035611	13.00	10
1/4"	1/4"	32035614	13.85	10
1/4"	3/8"	32035618	14.90	10
3/8"	1/4"	32036014	20.15	10
3/8"	3/8"	32036018	21.70	10
3/8"	1/2"	32036022	23.40	10

¹ UNF - Straight thread, supplied with gasket and plastic button

- body is orientable for positioning purposes

Nickel-Plated Brass Legris Push-In Fittings

Equal Unions



tube to tube

Union Elbows



tube to tube

Equal Union Tees



tube to tube

Tube OD	Nickel-plated Brass		Nickel-plated Brass		Nickel-plated Brass		Pkg Qty
	Part #	Price/E	Part #	Price/E	Part #	Price/E	
5/32"	32060400	\$7.15	32020400	\$6.90	32040400	\$9.00	10
1/4"	32065600	8.10	32025600	7.25	32045600	10.15	10
3/8"	32066000	15.65	32026000	13.60	32046000	17.25	10
1/2"	32066200	16.85	32026200	17.75	32046200	22.50	10

Features:

- materials: nickel-plated brass threads; black body is glass-filled nylon; Buna-N D seal; polypropylene release button; silicone free
- positive seal: sealing and holding is accomplished instantaneously
- reusable: connect and disconnect numerous times
- full flow: fitting seals on outside diameter of tubing
- pre-applied thread sealant on all tapered male pipe threads
- compatible tubing: semi-rigid nylon, polyurethane and polyethylene tube
- working pressure: **290 PSI** at ambient temperature.
- Maximum circuit pressure depends equally on the type and diameter of the tube used.*
- temperature range: **-4°F to 175°F**
- vacuum capability: vacuum of 28" Hg (99% vacuum)



Nylon/Nickel-Plated Brass Legris Push-In Fittings

Gripping Ring Technology



Quick Connect and Disconnect:

- To connect, simply push tubing in.
- To disconnect, press the release ring towards the fitting and pull tubing out.
- No tools required.

Male Connectors



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/16"	31755308	\$7.40	10
1/8"	1/8"	31755311	5.15	10
1/8"	1/4"	31755314	8.55	10
5/32"	1/8"	31750411	4.05	10
5/32"	1/4"	31750414	8.40	10
1/4"	1/8"	31755611	4.80	10
1/4"	1/4"	31755614	4.80	10
1/4"	3/8"	31755618	6.75	10
5/16"	1/8"	31750811	8.35	10
5/16"	1/4"	31750814	8.50	10
5/16"	3/8"	31750818	9.70	10
3/8"	1/8"	31756011	9.30	10
3/8"	1/4"	31756014	6.90	10
3/8"	3/8"	31756018	8.55	10
3/8"	1/2"	31756022	12.00	10
1/2"	1/4"	31756214	12.10	10
1/2"	3/8"	31756218	12.10	10
1/2"	1/2"	31756222	12.65	10

Female Connectors



tube to female NPT

Tube OD	Female NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	30145311	\$8.85	10
1/8"	1/4"	30145314	8.50	10
5/32"	1/8"	30140411	9.10	10
5/32"	1/4"	30140414	11.00	10
1/4"	1/8"	30145611	7.15	10
1/4"	1/4"	30145614	9.20	10
5/16"	1/8"	30140811	12.30	10
5/16"	1/4"	30140814	12.35	10
3/8"	1/8"	30146011	11.70	10
3/8"	1/4"	30146014	13.85	10
3/8"	3/8"	30146018	15.65	10

"Hybrid" Male Connectors



fractional inch tube to male BSPT

Tube OD	Male BSPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/4"	1/8"	31755610	\$8.45	10
1/4"	1/4"	31755613	8.50	10
3/8"	1/4"	31756013	12.55	10

Nylon Legris Push-In Fittings

Unions



tube to tube

Bulkhead Unions



tube to tube

Union Elbows



tube to tube

Tube OD	Nylon		Nylon		Nylon		Pkg Qty
	Part #	Price/E	Part #	Price/E	Part #	Price/E	
1/8"	31065300	\$6.65	31165300	\$7.25	31025300	\$6.70	10
5/32"	31060400	4.80	31160400	8.50	31020400	5.40	10
1/4"	31065600	5.35	31165600	9.00	31025600	6.00	10
5/16"	31060800	6.90	31160800	11.15	31020800	7.20	10
3/8"	31066000	7.85	31166000	13.35	31026000	9.45	10
1/2"	31066200	12.90	31166200	19.45	31026200	12.70	10

F

Male Elbows



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	10-32 ¹	31095320	\$8.50	10
1/8"	1/16"	31095308	10.90	10
1/8"	1/8"	31095311	5.90	10
1/8"	1/4"	31095314	8.35	10
5/32"	10-32 ¹	31090420	7.75	10
5/32"	1/8"	31090411	4.75	10
5/32"	1/4"	31090414	10.00	10
1/4"	10-32 ¹	31095620	9.85	10
1/4"	1/8"	31095611	5.35	10
1/4"	1/4"	31095614	5.85	10
1/4"	3/8"	31095618	7.65	10
5/16"	1/8"	31090811	10.60	10
5/16"	1/4"	31090814	10.60	10
5/16"	3/8"	31090818	11.20	10
3/8"	1/8"	31096011	9.00	10
3/8"	1/4"	31096014	7.95	10
3/8"	3/8"	31096018	9.00	10
3/8"	1/2"	31096022	13.10	10
1/2"	1/4"	31096214	10.20	10
1/2"	3/8"	31096218	12.90	10
1/2"	1/2"	31096222	14.20	10

¹ UNF - Straight thread, supplied with gasket

- body is orientable for positioning purposes

Female Elbows



tube to female NPT

Tube OD	Female NPT	Nylon/Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	30095311	\$9.95	10
5/32"	1/4"	30090414	12.80	10
1/4"	1/8"	30095611	6.55	10
1/4"	1/4"	30095614	9.75	10
5/16"	1/8"	30090811	13.50	10
5/16"	1/4"	30090814	13.85	10
3/8"	1/4"	30096014	12.75	10
1/2"	3/8"	30096218	18.00	10

- body is orientable for positioning purposes

Nylon/Nickel-Plated Brass Legris Push-In Fittings

45° Male Elbows Extended Male Elbows



tube to male NPT



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	Part #	Price/E	
1/4"	1/8"	31135611	\$6.60	31295611	\$8.65	10
1/4"	1/4"	31135614	7.20	31295614	9.25	10
3/8"	1/4"	31136014	9.60	31296014	12.75	10
3/8"	3/8"	31136018	9.75	31296018	17.20	10

- body is orientable for positioning purposes

Male Branch Tees



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
1/8"	10-32 ¹	31085320	\$12.00	10
1/8"	1/8"	31085311	9.00	10
5/32"	10-32 ¹	31080420	12.90	10
5/32"	1/8"	31080411	8.45	10
5/32"	1/4"	31080414	12.55	10
1/4"	1/8"	31085611	7.65	10
1/4"	1/4"	31085614	8.20	10
1/4"	3/8"	31085618	10.00	10
5/16"	1/8"	31080811	11.45	10
5/16"	1/4"	31080814	12.20	10
5/16"	3/8"	31080818	12.55	10
3/8"	1/8"	31086011	15.95	10
3/8"	1/4"	31086014	11.70	10
3/8"	3/8"	31086018	13.55	10
3/8"	1/2"	31086022	18.25	10
1/2"	1/4"	31086214	15.30	10
1/2"	3/8"	31086218	19.05	10
1/2"	1/2"	31086222	21.60	10

Male Run Tees



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
1/8"	10-32 ¹	31035320	\$12.05	10
1/8"	1/16"	31035308	12.50	10
1/8"	1/8"	31035311	9.50	10
5/32"	10-32 ¹	31030420	13.25	10
5/32"	1/8"	31030411	9.40	10
5/32"	1/4"	31030414	12.65	10
1/4"	1/8"	31035611	7.60	10
1/4"	1/4"	31035614	8.20	10
1/4"	3/8"	31035618	9.95	10
5/16"	1/8"	31030811	11.40	10
5/16"	1/4"	31030814	12.00	10
3/8"	1/8"	31036011	15.35	10
3/8"	1/4"	31036014	12.90	10
3/8"	3/8"	31036018	14.30	10
1/2"	1/4"	31036214	15.70	10
1/2"	3/8"	31036218	19.05	10
1/2"	1/2"	31036222	21.20	10

- ¹ UNF - Straight thread, supplied with gasket
- body is orientable for positioning purposes

- ¹ UNF - Straight thread, supplied with gasket
- body is orientable for positioning purposes

Y Male Connectors



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Pkg Qty
		Part #	Price/E	
5/32"	1/8"	31480411	\$11.75	10
5/32"	1/4"	31480414	11.75	10
1/4"	1/8"	31485611	11.15	10
1/4"	1/4"	31485614	11.40	10

- body is orientable for positioning purposes

Y Connectors



tube to tube

Tube OD	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	31405300	\$7.35	10
5/32"	31400400	7.20	10
1/4"	31405600	7.95	10
5/16"	31400800	9.95	10
3/8"	31406000	14.45	10

Union Tees



tube to tube

Tube OD	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	31045300	\$9.40	10
5/32"	31040400	7.25	10
1/4"	31045600	8.10	10
5/16"	31040800	9.95	10
3/8"	31046000	11.25	10
1/2"	31046200	18.20	10

Plugs



Tube OD	Plastic		Pkg Qty
	Part #	Price/E	
1/8"	31265300	\$1.85	10
5/32"	31260400	0.90	10
1/4"	31265600	2.25	10
5/16"	31260800	2.25	10
3/8"	31266000	2.55	10
1/2"	31266200	2.75	10

Push-In Fitting Kit

Features:

- kit includes plastic case with threaded connectors, threaded elbows and several tube to tube connector configurations found on pages 182-184
- a tubing cutter is also included

Part #	Price/E
TFK	\$1144.85

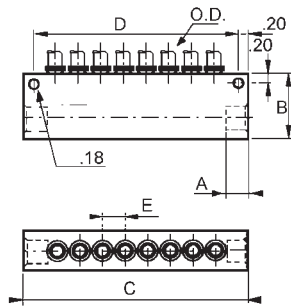
Kit contains the following parts:

Part #	Qty	Description
31755311	10	tube to male NPT connector
31750411	10	tube to male NPT connector
31755611	10	tube to male NPT connector
31755614	10	tube to male NPT connector
31756014	5	tube to male NPT connector
31756018	5	tube to male NPT connector
31090411	10	tube to male NPT elbow
31095611	10	tube to male NPT elbow
31095614	10	tube to male NPT elbow
31096011	5	tube to male NPT elbow
31096014	5	tube to male NPT elbow
31096018	5	tube to male NPT elbow
31060400	10	tube to tube union
31065600	10	tube to tube union
31066000	5	tube to tube union
31400400	10	Y connector
31405600	10	Y connector
31406000	5	Y connector
31040400	10	tube to tube union tee
31045600	5	tube to tube union tee
31046000	5	tube to tube union tee
30007100	1	tubing cutter



F

Legris Modular Manifolds



manifold with push-to-connect ports

OD	NPT Size	Number of Outlets	Dimensions					Part #	Price/E
			A	B	C	D	E		
5/32"	1/4"	8	.55	1.30	4.49	4.09	.45	33150414	\$108.75
1/4"	1/4"	8	.55	1.30	4.92	4.53	.50	33155614	107.25
3/8"	3/8"	6	---	1.57	5.73	5.33	.67	33156018	122.00

Legris Composite Mini Ball Valves

Application:

These valves enable in-line opening and closing of a pneumatic circuit. A screwdriver slot allows opening and closing even when access is difficult. The handle is differentiated by a blue color and marked with the corresponding pneumatic symbol enabling immediate identification by the user.

Features:

- 2-way, non-venting valve
- compact and lightweight, suited to all types of installation
- suitable fluid: compressed air
- maximum operating pressure: **145 PSI**
- vacuum rating: vacuum of 28" Hg (99% of vacuum)
- temperature range: **-4°F to 175°F**
- nylon body with nickel-plated brass ball



Size	Part #	Price/E
5/32"	79100400	\$37.40
1/4"	79105600	36.20
5/16"	79100800	38.20
3/8"	79106000	43.25

Legris Quick Exhaust Valves

Applications:

The quick exhaust valve can be used with all pneumatic equipment. It dramatically increases system efficiency and the speed of a cylinder by purging cylinder air at the cylinder port rather than the control valve.

Features:

- pressure range: **10 PSI to 150 PSI**
- temperature range: **0°F to 160°F**
- body: nickel-plated brass
- piston: polyurethane
- seals: nylon



NPT Thread	Part #	Price/E
1/8"	79821111	\$16.60
1/4"	79821414	17.70
3/8"	79821818	27.00
1/2"	79822222	36.75

Legris Flow Control Valves

Application:

Valves control the speed of a cylinder by regulating air exhaust. Intake air flows freely through the flow control and exhaust air is metered out through a specially designed fine adjustment screw.

Features:

- push-to connect, unidirectional flow control, one-piece design.
- control pressure range: **15 PSI to 145 PSI**
- temperature range: **30°F to 160°F**

compact flow control valves

Tube OD	NPT Size	Part #	Price/E	Pkg Qty
5/32"	1/8"	70650411	\$25.60	10
1/4"	1/8"	70655611	28.20	10
1/4"	1/4"	70655614	30.90	10
3/8"	1/4"	70656014	51.25	10
3/8"	3/8"	70656018	61.50	10

miniature exhaust flow control valves

Tube OD	NPT Size	Part #	Price/E	Pkg Qty
5/32"	10-32 ¹	76600420	\$22.75	10
5/32"	1/8"	76650411	22.90	10
1/4"	10-32 ¹	76605620	28.00	10
1/4"	1/8"	76655611	28.00	10
1/4"	1/4"	76655614	28.00	10

¹ UNF - Straight thread, supplied with gasket



Legris In-Line Flow Control Valves

Application: Push-to connect flow control valves are used where cylinder access is difficult or another fitting is attached to the cylinder port.

Features:

- working fluid: compressed air
- pressure range: **15 PSI to 145 PSI**
- temperature range: **30°F to 160°F**
- stackable using the 2 joining clips supplied or panel mountable using existing holes
- body: nylon
- gripping ring: stainless steel
- adjustment screw: nickel-plated brass
- locking nut: nickel-plated brass



F

Tube OD	Part #	Price/E	Pkg Qty
5/32"	77700400	\$43.50	10
1/4"	77705600	45.90	10
3/8"	77706000	70.00	10
1/2"	77706200	77.50	10

Legris Threaded In-Line Flow Control Valves

Intake air flows freely through the flow control; exhaust air is metered out through a specially designed adjustment screw.

Features:

- arrow on the body of the valve indicates the direction of controlled flow
- may be installed as meter in or meter out devices
- unidirectional flow control valves
- working fluid: compressed air
- pressure range: **15 PSI to 145 PSI**
- temperature range: **30°F to 160°F**
- body: nylon with nickel plated brass thread
- adjustment screw: nickel-plated brass
- locking nut: nickel-plated brass
- threads: nickel-plated brass



Female NPT	Part #	Price/E
1/8"	77751111	\$45.75
1/4"	77751414	50.50
3/8"	77751818	69.00
1/2"	77752222	87.70

Legris In-Line Check Valves

Features:

- allows air to pass in one direction while blocking flow in the other direction, a pressure of more than 7 PSI will overcome the spring pressure and allow flow
- arrow indicates free flow direction
- maximum operating pressure: **145 PSI** at ambient temperature (70°F)



Tube OD	Part #	Price/E	Pkg Qty
5/32"	79960400	\$28.00	10
6mm	79960600	29.00	10
1/4"	79965600	31.20	10
5/16"	79960800	35.20	10

F

Legris In-Line Check Valves

Application:

- compact and lightweight design makes these meter out check valves suitable as a safety item in compressed air circuits

Features:

- allows air to pass in one direction while blocking flow in the other direction
- arrow on body of the fitting indicates direction of flow, a pressure of more than 7 PSI will overcome spring pressure keeping the valve closed, thus allowing the passage of air
- pressure range: **15 PSI** to **145 PSI** at ambient temperature (70°F)
- body: nylon with nickel plated brass base
- pre-applied thread sealant on tapered threads



Tube OD	NPT Size	Part #	Price/E
5/32"	10-32 ¹	79940420	\$26.90
5/32"	1/8"	79950411	26.70
1/4"	1/8"	79955611	30.70
1/4"	1/4"	79955614	31.20
3/8"	1/4"	79956014	38.25
3/8"	3/8"	79956018	43.25

¹ UNF - Straight thread, supplied with gasket

Stainless Steel Legris Uni-Directional Check Valves

Features:

- blocks the fluid passage when the pressure differential is lower than 3.6 PSI
- pressure range: **7 PSI** to **580 PSI**
- temperature range: **-4°F** to **356°F**
- body: 316L stainless steel
- shut-off valve: 316L stainless steel
- return spring: 302 stainless steel
- seals: FKM



NPT Thread	Part #	Price/E
1/8"	48951111	\$166.00
1/4"	48951414	166.00
3/8"	48951818	202.00
1/2"	48952222	200.25

Tubing

Polyurethane Tubing

Features:

- naturally transparent
- temperature range: **-40°F to 165°F**
- for use with the push-in fittings sold on pages 177-184
- excellent memory, flexibility and resistance to kinking
- good resistance to fuels and oils
- low gas and vapor permeability
- high compressive strength
- low compressive set and extractability levels
- outstanding abrasion resistance

Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
1/8"	.062"	.0295"	233	250' roll	04063	\$47.75
5/32"	.094"	.0315"	176	100' roll	05094	33.75
1/4"	.160"	.0450"	148	100' roll	08160	62.50
3/8"	.250"	.0650"	147	100' roll	12250	117.50
1/2"	.320"	.0900"	140	50' roll	16320	157.00



F

Polyethylene Tubing

Features:

- designed for FDA applications
- temperature range: **-50°F to 140°F**
- for use with the push-in fittings sold on pages 177-184
- flexible, lightweight, low-density polyethylene (LDPE) tubing
- for use with plastic or metal inserts with outer sleeve; ferrule or clamps
- formulated to resist stress cracking

Size		Wall Thickness	Working Pressure @ 75°F	Length	Tubing Color	Part #	Price/Length
OD	ID						
¼"	.125"	.062"	150	100' roll	natural	0804	\$14.80
¼"	.170"	.040"	150	100' roll	natural	0817	13.40
¼"	.170"	.040"	150	100' roll	blue	0817BL100	17.30
⅜"	.250"	.062"	150	100' roll	natural	1208	28.25
½"	.375"	.062"	125	100' roll	natural	1612	37.10



Size		Wall Thickness	Working Pressure @ 75°F	Length	Tubing Color	Part #	Price/Length
OD	ID						
¼"	.170"	.040"	150	500' roll	blue	0817BL	\$67.00
¼"	.170"	.040"	150	500' roll	black	0817BR	67.00
¼"	.170"	.040"	150	500' roll	natural	0817CR	67.00
⅜"	.250"	.062"	150	500' roll	black	1208BR	120.00
⅜"	.250"	.062"	150	500' roll	natural	1208CR	120.00

Nylon 12 Tubing

Features:

- naturally transparent
- temperature range: **-40°F to 180°F**
- for use with the push-in fittings sold on pages 177-184
- recommended for applications requiring low density, lightweight toughness, flexibility and chemical resistance
- packaged in plastic bags

Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
1/8"	.093"	.016"	225	100' roll	04093	\$31.50
5/32"	.106"	.025"	275	100' roll	05106	39.50
3/16"	.138"	.025"	225	100' roll	06138	50.00
1/4"	.170"	.040"	265	100' roll	08170	84.00
1/4"	.180"	.035"	250	100' roll	08180	80.00
3/8"	.275"	.050"	220	100' roll	12275	170.00
1/2"	.375"	.062"	200	100' roll	16375	256.75



Tubing cutters sold on page 353

Legris Tubing Nylon Tubing



Applications: Nylon tubing, with optimum mechanical properties and good chemical, humidity and abrasive resistance, is ideal for many industrial applications.

Features:

- semi rigid
- temperature range: **-65°F to 200°F**

Size		Wall Thickness	Working Pressure @75°F	Length	Natural		Black		Blue	
OD	ID				Part #	Price/Lgth	Part #	Price/Lgth	Part #	Price/Lgth
1/8"	.093"	.016"	250	50' roll	1091P5300	\$31.00	1091P5301	\$31.00	1091P5304	\$34.50
5/32"	.106"	.025"	300	50' roll	1091P0400	30.50	1091P0401	28.50	1091P0404	28.50
3/16"	.138"	.025"	250	50' roll	1091P5500	51.50	1091P5501	52.00	---	---
1/4"	.170"	.040"	300	50' roll	1091P5600	57.50	1091P5601	61.00	1091P5604	55.00
5/16"	.233"	.040"	250	50' roll	1091P0800	81.50	1091P0801	81.25	1091P0804	81.25
3/8"	.275"	.050"	250	50' roll	1091P6000	116.50	1091P6001	118.00	1091P6004	110.50
1/2"	.375"	.062"	250	50' roll	1091P6200	196.00	1091P6201	186.00	1091P6204	183.00

Size		Wall Thickness	Working Pressure @75°F	Length	Natural		Black		Blue	
OD	ID				Part #	Price/Lgth	Part #	Price/Lgth	Part #	Price/Lgth
1/8"	.093"	.016"	250	100' roll	1094P5300	\$56.00	1094P5301	\$51.75	1094P5304	\$53.00
5/32"	.106"	.025"	300	100' roll	1094P0400	58.00	1094P0401	53.00	1094P0404	53.00
3/16"	.138"	.025"	250	100' roll	1094P5500	96.00	1094P5501	96.00	---	---
1/4"	.170"	.040"	300	100' roll	1094P5600	108.00	1094P5601	109.50	1094P5604	98.50
5/16"	.233"	.040"	250	100' roll	1094P0800	147.00	1094P0801	150.00	1094P0804	145.50
3/8"	.275"	.050"	250	100' roll	1094P6000	209.00	1094P6001	212.00	1094P6004	199.00
1/2"	.375"	.062"	250	100' roll	1094P6200	352.25	1094P6201	348.00	1094P6204	340.00



Polyurethane - 95 Durometer Tubing

Applications: High flexibility and a small bend radius make this tubing very good for applications where space is tight. For applications where the tubing will be exposed, black colored tubing is recommended.

Feature:

- temperature range: **-40°F to 165°F**

Size		Wall Thickness	Working Pressure @75°F	Length	Clear		Black		Blue	
OD	ID				Part #	Price/Lgth	Part #	Price/Lgth	Part #	Price/Lgth
1/8"	.062"	.031"	233	50' roll	1091U53R00	\$24.00	1091U5301	\$23.50	1091U5304	\$24.00
5/32"	.093"	.031"	176	50' roll	1091U04R00	33.00	1091U0401	29.00	1091U0404	29.75
1/4"	.160"	.045"	148	50' roll	1091U56R00	53.00	1091U5601	57.00	1091U5604	55.50
5/16"	.216"	.049"	148	50' roll	1091U08R00	83.50	1091U0801	77.00	1091U0804	79.00
3/8"	.250"	.066"	147	50' roll	1091U60R00	102.00	1091U6001	110.00	1091U6004	104.00
1/2"	.320"	.090"	140	50' roll	1091U62R00	198.00	1091U6201	189.00	1091U6204	206.00

Size		Wall Thickness	Working Pressure @75°F	Length	Clear		Black		Blue	
OD	ID				Part #	Price/Lgth	Part #	Price/Lgth	Part #	Price/Lgth
1/8"	.062"	.031"	233	100' roll	1094U53R00	\$43.00	1094U5301	\$42.50	1094U5304	\$45.00
5/32"	.093"	.031"	176	100' roll	1094U04R00	57.00	1094U0401	53.75	1094U0404	57.00
1/4"	.160"	.045"	148	100' roll	1094U56R00	98.00	1094U5601	103.50	1094U5604	93.50
5/16"	.216"	.049"	148	100' roll	1094U08R00	156.00	1094U0801	143.75	1094U0804	153.00
3/8"	.250"	.066"	147	100' roll	1094U60R00	190.00	1094U6001	197.75	1094U6004	189.00
1/2"	.320"	.090"	140	100' roll	1094U62R00	355.00	1094U6201	354.00	1094U6204	372.00

Fluoropolymer FEP 140 Tubing



Features:

- FDA compliant materials
- provides excellent resistance to aggressive and corrosive agents and high temperatures
- maximum temperature: **300°F**

Size		Wall Thickness	Working Pressure @72°F	Length	Clear	
OD	ID				Part #	Price/Length
1/8"	.062"	.031"	500	25' roll	1092T5300	\$77.60
1/4"	.188"	.031"	165	25' roll	1092T5600	177.25
3/8"	.250"	.062"	249	25' roll	1092T6000	277.00
1/2"	.375"	.062"	165	25' roll	1092T6200	375.00

Metric Push-In Fittings

Features:

- materials: nickel-plated brass, black glass-filled nylon body, Buna-N D seal, polypropylene release button, silicone free
- positive seal: sealing and holding is accomplished instantaneously
- reusable: connect and disconnect numerous times
- full flow: fitting seals on outside diameter of tubing
- pressure rating: **290 PSI** at ambient temperature
- temperature range: **-4°F to 175°F**
- pre-applied thread sealant on all tapered male pipe threads
- compatible tubing: semi-rigid nylon, polyurethane and polyethylene tube
- vacuum rating: vacuum of 28" Hg (99% vacuum)

Gripping Ring Technology



Quick Connect and Disconnect:

- to connect: simply push tubing in
- to disconnect: press the release ring towards the fitting and pull tubing out
- no tools required

Male Connectors



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31750410	\$4.95	10
4 mm	1/4"	31750413	7.90	10
6 mm	1/8"	31750610	5.55	10
6 mm	1/4"	31750613	6.35	10
8 mm	1/8"	31750810	8.10	10
8 mm	1/4"	31750813	8.10	10
8 mm	3/8"	31750817	9.60	10
10 mm	1/4"	31751013	10.10	10
10 mm	3/8"	31751017	11.25	10

Female Connectors



tube to female BSPP

Tube OD	Female BSPP	Part #	Price/E	Pkg Qty
4 mm	1/8"	31140410	\$8.45	10
4 mm	1/4"	31140413	11.35	10
6 mm	1/8"	31140610	8.50	10
6 mm	1/4"	31140613	9.65	10
8 mm	1/8"	31140810	10.80	10
8 mm	1/4"	31140813	10.20	10

Male Elbows



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31090410	\$6.35	10
4 mm	1/4"	31090413	9.85	10
6 mm	1/8"	31090610	6.85	10
6 mm	1/4"	31090613	7.05	10
8 mm	1/8"	31090810	9.95	10
8 mm	1/4"	31090813	9.95	10
8 mm	3/8"	31090817	11.50	10
10 mm	1/4"	31091013	15.30	10
10 mm	3/8"	31091017	15.70	10

Male Branch Tees



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	31080410	\$9.10	10
4 mm	1/4"	31080413	13.25	10
6 mm	1/8"	31080610	9.60	10
6 mm	1/4"	31080613	9.75	10
8 mm	1/8"	31080810	11.95	10
8 mm	1/4"	31080813	12.55	10

- body is orientable for positioning purposes

- body is orientable for positioning purposes

Nylon Metric Tubing Rolls

Features:

- translucent color
- resistant to fungus, abrasion, moisture and UV radiation
- temperature range: **-60°F to 200°F**

Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
4 mm	2.7 mm	.65 mm	275	25 m	1025P0400	\$40.75
6 mm	4 mm	1 mm	280	25 m	1025P0600	86.00
8 mm	6 mm	1 mm	210	25 m	1025P0800	124.00



Tubing cutters sold on page 353

Metric Push-In Fittings

Unions



tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
4 mm	6 mm	31060406	\$10.65	10
6 mm	6 mm	31060600	6.10	10
10 mm	10 mm	31061000	15.15	10

Union Tees



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
6 mm	31040600	\$9.00	10
10 mm	31041000	20.90	10

Union Elbows



tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31020600	\$7.45	10
10 mm	10 mm	31021000	14.70	10

Bulkhead Unions



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31160600	\$9.80	10

Y Connectors



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31400600	\$9.00	10

Plugs



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	31260600	\$2.30	10
10 mm	10 mm	31261000	4.70	10

Male Connectors



tube to thread

Tube OD	Male Thread	Part #	Price/E	Pkg Qty
4 mm	M5	31010419	\$6.90	10
4 mm	1/8 BSPP	31010410	5.70	10
6 mm	M5	31010619	9.25	10
6 mm	1/8 BSPP	31010610	6.65	10
6 mm	1/4 BSPP	31010613	7.55	10
8 mm	1/8 BSPP	31010810	8.40	10
8 mm	1/4 BSPP	31010813	9.00	10
10 mm	1/4 BSPP	31011013	14.75	10

Male Elbows



tube to thread

Tube OD	Male Thread	Part #	Price/E	Pkg Qty
4 mm	M5	31990419	\$7.20	10
4 mm	1/8 BSPP	31990410	7.75	10
6 mm	M5	31990619	7.75	10
6 mm	1/8 BSPP	31990610	7.85	10
6 mm	1/4 BSPP	31990613	10.65	10
8 mm	1/8 BSPP	31990810	12.05	10
8 mm	1/4 BSPP	31990813	12.05	10
10 mm	1/4 BSPP	31991013	16.60	10

• body is orientable for positioning purposes

D.O.T. Push-In Fittings

Features:

- materials:
 - body (straights) tube, supports and grippers: brass CA360
 - forged elbows and tees: brass CA377
 - O-ring: Buna-N
- suitable for use up to the maximum working pressure of the plastic tubing used, also suitable for vacuum service
- temperature range: **-40°F to 212°F**
- pre-applied thread sealant (Loctite 516®) on all male pipe threads
- compatible tubing: SAE J844
- meets D.O.T FMVSS 571.106 and SAE J1131, SAE J2494-1 and SAE J2494-3

Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ69DOT4X2	\$8.95	10
1/4"	1/4"	AQ69DOT4X4	10.15	10
3/8"	1/4"	AQ69DOT6X4	11.40	10

Swivel Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ69DOTS4X2	\$10.55	10
1/4"	1/4"	AQ69DOTS4X4	11.40	10
1/4"	3/8"	AQ69DOTS4X6	16.45	10
3/8"	1/4"	AQ69DOTS6X4	15.10	10
3/8"	3/8"	AQ69DOTS6X6	17.00	5

Male Connectors



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ68DOT4X2	\$6.15	10
1/4"	1/4"	AQ68DOT4X4	6.95	10
1/4"	3/8"	AQ68DOT4X6	11.25	5
3/8"	1/4"	AQ68DOT6X4	9.60	10
3/8"	3/8"	AQ68DOT6X6	10.30	10

Swivel Male Run Tees



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ71DOTS4X2	\$17.95	10
1/4"	1/4"	AQ71DOTS4X4	17.95	5

Union Connectors



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	AQ62DOT4	\$11.45	10
3/8"	AQ62DOT6	13.00	10

Swivel Male Branch Tees



tube to tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	AQ72DOTS4X2	\$17.95	10
1/4"	1/4"	AQ72DOTS4X4	18.80	5

Union Tees



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	AQ64DOT4	\$17.05	10
3/8"	AQ64DOT6	20.80	10

D.O.T. Push-In Fittings

Features:

- materials: composite body, brass collet, stainless steel tube support, brass threads, Buna-N O-ring
- straight male and female (3115 and 3114) connectors have brass bodies
- maximum operating pressure: **250 PSI** at ambient temperature
- temperature range: **-40°F to 200°F**
- suitable fluids: compressed air only (lubricated or non-lubricated)
- complies with the performance requirements of D.O.T FMVSS 571.106 (SAE J1131) and SAE J2494-3
- These fittings are designed for use on all pneumatic circuits other than air brake assemblies between the frame and axle or between towed and towing vehicle.*



Straight Male Connectors



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
5/32"	1/8"	31150411DOT	\$5.90	10
5/32"	1/4"	31150414DOT	8.50	10
3/16"	3/8"	31155511DOT	7.75	10
3/16"	1/4"	31155514DOT	10.30	10
1/4"	1/8"	31155611DOT	5.30	10
1/4"	1/4"	31155614DOT	5.70	10
1/4"	3/8"	31155618DOT	7.45	10
3/8"	1/8"	31156011DOT	10.35	10
3/8"	1/4"	31156014DOT	8.00	10
3/8"	3/8"	31156018DOT	10.10	10
3/8"	1/2"	31156022DOT	14.35	10
1/2"	1/4"	31156214DOT	22.25	10
1/2"	3/8"	31156218DOT	21.75	10
1/2"	1/2"	31156222DOT	15.70	10

Straight Female Connectors



tube to female NPT

Tube OD	Female NPT	Part #	Price/E	Pkg Qty
5/32"	1/8"	31140411DOT	\$15.60	10
3/16"	3/8"	31145511DOT	12.90	10
1/4"	1/8"	31145611DOT	10.90	10
1/4"	1/4"	31145614DOT	11.00	10
3/8"	1/4"	31146014DOT	15.25	10
3/8"	3/8"	31146018DOT	22.55	10

- complies with performance requirements of SAE J2494

Unions



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31060400DOT ¹	\$6.90	10
3/16"	31065500DOT ¹	10.90	10
1/4"	31065600DOT	6.40	10
3/8"	31066000DOT	9.65	10
1/2"	31066200DOT	16.35	10

Bulkhead Unions



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31165600DOT	\$12.10	10
3/8"	31166000DOT	16.05	10
1/2"	31166200DOT	25.75	10

¹ brass body

D.O.T. Push-In Fittings

Union Elbows



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31020400DOT ¹	\$8.55	10
1/4"	31025600DOT	7.90	10
3/8"	31026000DOT	12.90	10
1/2"	31026200DOT	16.30	10

¹ brass body

Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
5/32"	1/8"	31090411DOT ¹	\$9.75	10
3/16"	1/8"	31095511DOT ¹	12.80	10
1/4"	1/8"	31095611DOT	6.25	10
1/4"	1/4"	31095614DOT	7.55	10
1/4"	3/8"	31095618DOT	16.40	10
3/8"	1/4"	31096014DOT	15.25	10
3/8"	3/8"	31096018DOT	17.55	10
3/8"	1/2"	31096022DOT	17.45	10
1/2"	1/4"	31096214DOT	18.50	10
1/2"	3/8"	31096218DOT	18.15	10
1/2"	1/2"	31096222DOT	22.30	10

• fitting can be oriented 360° allowing proper positioning of the fitting

¹ brass body

Reducers



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
1/4"	3/8"	31665660DOT	\$5.15	10

Plug In Elbow



Tube OD	Part #	Price/E	Pkg Qty
1/4"	31825600DOT	\$4.55	10

Male Branch Tees



tube to male NPT to tube

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	31085611DOT	9.15	10
1/4"	1/4"	31085614DOT	10.00	10
1/4"	3/8"	31085618DOT	27.95	10
3/8"	1/4"	31086014DOT	16.10	10
3/8"	3/8"	31086018DOT	19.50	10
3/8"	1/2"	31086022DOT	21.00	10
1/2"	1/4"	31086214DOT	25.00	10
1/2"	3/8"	31086218DOT	24.75	10
1/2"	1/2"	31086222DOT	28.30	10

• fitting can be oriented 360° allowing proper positioning of the fitting

Union Tees



tube to tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	31040400DOT ¹	\$10.30	10
3/16"	31045500DOT ¹	18.10	10
1/4"	31045600DOT	10.10	10
3/8"	31046000DOT	12.80	10
1/2"	31046200DOT	21.30	10

¹ brass body

D.O.T. Push-In Fittings

Male Run Tees



tube to tube to male NPT

Plug In Run Tee



F

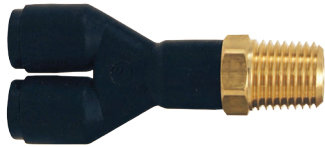
Tube OD	Male NPT	Part #	Price/E	Pkg Qty
3/16"	1/8"	31035511DOT ¹	\$19.90	10
1/4"	1/8"	31035611DOT	10.05	10
1/4"	1/4"	31035614DOT	11.55	10
1/4"	3/8"	31035618DOT	18.10	10
3/8"	1/4"	31036014DOT	17.20	10
3/8"	3/8"	31036018DOT	20.70	10
3/8"	1/2"	31036022DOT	21.20	10
1/2"	1/4"	31036214DOT	26.40	10
1/2"	3/8"	31036218DOT	26.00	10
1/2"	1/2"	31036222DOT	28.30	10

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31835600DOT	\$11.00	10

¹ brass body

- fitting can be oriented 360° allowing proper positioning of the fitting

Y Connectors



tube to tube to male NPT

Y Unions



tube to tube to tube

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	31485611DOT	\$14.55	10
1/4"	1/4"	31485614DOT	14.90	10

Tube OD	Part #	Price/E	Pkg Qty
1/4"	31405600DOT	\$11.80	10
3/8"	31406000DOT	19.10	10

- fitting can be oriented 360° allowing proper positioning of the fitting

Air Brake Fittings

Application:

- designed for use in air brake systems or cab controls

Features:

- utilize ribbed sleeve for compression and positive grip
- machined from CA360, CA345, or CA377 brass
- pre-applied thread sealant on all male pipe threads
- maximum operating pressure: **150 PSI**
- temperature range: **-40°F to 200°F**
- compatible tubing: SAE J844 type A and B
- specifications: meets D.O.T FMVSS 571.106 and SAE J1131, and SAE J2494

Assembly Instructions:

- Cut tubing squarely - maximum of 15° angle allowable.
- Check that port or mating part is clean and free of debris.
- Insert tubing into fittings until it bottoms on seat.
- Tighten nut with wrench until one thread remains visible on the fittings body; (this will allow for a number of remakes) or, the nut should be screwed down finger tight, then wrench-tightened as indicated in the chart below.

Tube Size	Turns required to seal from hand tight
3/16"	2½
1/4"	3
3/8" & 1/2"	4
5/8" & 3/4"	3½

F

Male Connectors



Features:

- ref. SAE 100102 BA
- thread sealant may be white or burnt orange

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/16"	5/16"-24	68NAB31VS	\$20.29	25
3/16"	1/8"	5/16"-24	68NAB32VS	15.78	50
3/16"	1/4"	5/16"-24	68NAB34VS	20.78	25
1/4"	1/8"	7/16"-24	68NAB42VS	5.32	50
1/4"	1/4"	7/16"-24	68NAB44VS	6.30	50
1/4"	3/8"	7/16"-24	68NAB46VS	7.91	10
3/8"	1/8"	17/32"-24	68NAB62VS	7.69	25
3/8"	1/4"	17/32"-24	68NAB64VS	6.30	25
3/8"	3/8"	17/32"-24	68NAB66VS	8.10	25
3/8"	1/2"	17/32"-24	68NAB68VS	12.60	25
1/2"	1/4"	11/16"-20	68NAB84VS	9.75	10
1/2"	3/8"	11/16"-20	68NAB86VS	10.40	25
1/2"	1/2"	11/16"-20	68NAB88VS	13.26	25
5/8"	3/8"	13/16"-18	68NAB106VS	19.07	10
5/8"	1/2"	13/16"-18	68NAB108VS	16.55	10
3/4"	3/8"	1"-18	68NAB126VS	49.35	10
3/4"	1/2"	1"-18	68NAB128VS	26.91	10
3/4"	3/4"	1"-18	68NAB1212VS	29.07	10

Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
¼"	7/16"-24	62NAB4	\$7.46	10
⅜"	17/32"-24	62NAB6	9.18	10
½"	11/16"-20	62NAB8	14.25	10
⅝"	13/16"-18	62NAB10	21.77	10
¾"	1"-18	62NAB12	37.15	10

Female Connectors



Feature:

- ref. SAE 100103 BA

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
¼"	⅛"	7/16"-24	66NAB42	\$7.70	25
¼"	¼"	7/16"-24	66NAB44	8.46	10
⅜"	⅜"	17/32"-24	66NAB62	9.18	10
⅜"	¼"	17/32"-24	66NAB64	10.00	10
½"	⅜"	11/16"-20	66NAB86¹	15.06	10
½"	½"	11/16"-20	66NAB88	23.08	10
⅝"	⅜"	13/16"-18	66NAB106	20.92	10
⅝"	½"	13/16"-18	66NAB108	27.94	10

¹ not full hex as shown

Bulkhead Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
¼"	7/16"-24	62NABH4	\$41.00	10
⅜"	17/32"-24	62NABH6	53.20	10
½"	11/16"-20	62NABH8	96.62	10

Bulkhead Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	5/16"-24	62NBH3	\$51.55	10
1/4"	7/16"-24	62NBH4	25.37	10
3/8"	17/32"-24	62NBH6	35.02	10
1/2"	11/16"-20	62NBH8	33.82	10
5/8"	13/16"-18	62NBH10	99.82	10

Air Brake Fittings

Bulkhead Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	62NFBH4	\$16.37	10
3/8"	17/32"-24	62NFBH6	37.55	10
1/2"	11/16"-20	62NFBH8	30.28	10
5/8"	13/16"-18	62NFBH10	45.62	10

Male Elbows



Features:

- ref. SAE 100202 BA
- thread sealant may be white or burnt orange

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	5/16"-24	69NAB32VS	\$19.58	10
3/16"	1/4"	5/16"-24	69NAB34VS	29.00	10
1/4"	1/8"	7/16"-24	69NAB42VS	6.66	50
1/4"	1/4"	7/16"-24	69NAB44VS	8.10	50
1/4"	3/8"	7/16"-24	69NAB46VS	9.92	10
3/8"	1/8"	17/32"-24	69NAB62VS	9.77	10
3/8"	1/4"	17/32"-24	69NAB64VS	9.56	25
3/8"	3/8"	17/32"-24	69NAB66VS	9.94	25
3/8"	1/2"	17/32"-24	69NAB68VS	17.65	10
1/2"	1/4"	11/16"-20	69NAB84VS	14.71	10
1/2"	3/8"	11/16"-20	69NAB86VS	14.17	10
1/2"	1/2"	11/16"-20	69NAB88VS	17.80	10
5/8"	3/8"	13/16"-18	69NAB106VS	20.45	10
5/8"	1/2"	13/16"-18	69NAB108VS	22.14	5
3/4"	1/2"	1"-18	69NAB128VS	37.30	5
3/4"	3/4"	1"-18	69NAB1212VS	39.87	5

Union Elbows



Feature:

- ref. SAE 100201 BA

Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	65NAB4	\$12.60	10
3/8"	17/32"-24	65NAB6	14.53	10
1/2"	11/16"-20	65NAB8	24.55	10
5/8"	13/16"-18	65NAB10	46.80	10

Bulkhead Union



Tube OD	Pipe Thread	Part #	Price/E	Pkg Qty
1/2"	3/8"	66NBH86	\$40.91	10

Female Elbows



Feature:

- ref. SAE 100203 BA

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	5/16"-24	70NAB32	\$62.65	25
1/4"	1/8"	7/16"-24	70NAB42	10.15	25
1/4"	1/4"	7/16"-24	70NAB44	14.13	25
3/8"	1/8"	17/32"-24	70NAB62	15.88	10
3/8"	1/4"	17/32"-24	70NAB64	10.05	10
3/8"	3/8"	17/32"-24	70NAB66	18.82	10
1/2"	3/8"	11/16"-20	70NAB86	25.55	10
1/2"	1/2"	11/16"-20	70NAB88	31.25	10
5/8"	1/2"	13/16"-18	70NAB108	58.11	10

45° Elbows



Features:

- ref. SAE 100302 BA
- thread sealant may be white or burnt orange

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16"-24	79NAB42VS	\$9.65	10
1/4"	1/4"	7/16"-24	79NAB44VS	10.80	10
3/8"	1/8"	17/32"-24	79NAB62VS	11.02	10
3/8"	1/4"	17/32"-24	79NAB64VS	10.20	10
3/8"	3/8"	17/32"-24	79NAB66VS	12.51	10
3/8"	1/2"	17/32"-24	79NAB68VS	17.66	10
1/2"	1/4"	11/16"-20	79NAB84VS	15.60	10
1/2"	3/8"	11/16"-20	79NAB86VS	16.00	10
1/2"	1/2"	11/16"-20	79NAB88VS	21.82	10
5/8"	3/8"	13/16"-18	79NAB106VS	28.95	5
5/8"	1/2"	13/16"-18	79NAB108VS	25.97	5
3/4"	1/2"	1"-18	79NAB128VS	36.72	2

Air Brake Fittings

Male Branch Tees



Features:

- ref. SAE 100425 BA
- thread sealant may be white or burnt orange

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	7/16"-24	72NAB32VS	\$117.00	10
1/4"	1/8"	7/16"-24	72NAB42VS	15.79	10
1/4"	1/4"	7/16"-24	72NAB44VS	15.79	10
3/8"	1/8"	17/32"-24	72NAB62VS	18.90	10
3/8"	1/4"	17/32"-24	72NAB64VS	17.46	10
3/8"	3/8"	17/32"-24	72NAB66VS	18.95	10
1/2"	1/4"	11/16"-20	72NAB84VS	25.34	10
1/2"	3/8"	11/16"-20	72NAB86VS	25.76	10
1/2"	1/2"	11/16"-20	72NAB88VS	32.20	10
5/8"	1/2"	13/16"-18	72NAB108VS	49.45	10

Union Tees



Feature:

- ref. SAE 100401 BA

Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	64NAB4	\$16.02	25
3/8"	17/32"-24	64NAB6	17.76	25
1/2"	11/16"-20	64NAB8	31.35	10
5/8"	13/16"-18	64NAB10	49.25	10

F

Male Run Tees



Features:

- ref. SAE 100424 BA
- thread sealant may be white or burnt orange

Tube OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16"-24	71NAB42VS	\$14.55	25
1/4"	1/4"	7/16"-24	71NAB44VS	19.13	10
3/8"	1/4"	17/32"-24	71NAB64VS	17.04	10
3/8"	3/8"	17/32"-24	71NAB66VS	21.60	10
1/2"	3/8"	11/16"-20	71NAB86VS	26.86	10
1/2"	1/2"	11/16"-20	71NAB88VS	35.95	10
5/8"	1/2"	13/16"-18	71NAB108VS	48.35	10

Sleeves



Feature:

- ref. SAE 100115

Tube OD	Part #	Price/E	Pkg Qty
3/16"	60NAB3	\$1.01	100
1/4"	60NAB4	0.60	100
3/8"	60NAB6	0.80	100
1/2"	60NAB8	0.92	100
5/8"	60NAB10	1.92	100
3/4"	60NAB12	2.50	50

Inserts



Feature:

- for SAE J844 tubing

Tube OD	302/304 Stainless Steel Part #	Price/E	Pkg Qty
1/4"	63NAB4	\$0.94	200
3/8"	63NAB6	1.00	200
1/2"	63NAB8	1.11	100
5/8"	63NAB10	2.55	100
3/4"	63NAB12	4.16	100

Nuts



Feature:

- ref. SAE 100110

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
3/16"	5/16"-24	61NAB3	\$3.60	100
1/4"	7/16"-24	61NAB4	1.29	100
3/8"	17/32"-24	61NAB6	1.80	100
1/2"	11/16"-20	61NAB8	3.40	50
5/8"	13/16"-18	61NAB10	5.56	25
3/4"	1"-18	61NAB12	8.10	25

Air Brake Fittings Springs



Hose Size	Length	Part #	Price/E
3/8"	2.70"	56RBSG-06	\$2.41
1/2"	2.70"	56RBSG-08	2.50

Spring Guard Nuts



Hose Size	Straight Thread	Part #	Price/E
3/8"	31/32"-20	61RBSG-06	\$5.90
1/2"	1-3/32"-20	61RBSG-08	10.45

Hose Nuts and Attached Springs



Hose Size	Length	Part #	Price/E
3/8"	3.55"	67RBSG-06	\$7.21
1/2"	3.50"	67RBSG-08	13.91

Male Connectors - Body Only



Tube OD	Pipe Thread	Straight Thread	Hex	Part #	Price/E
3/8"	1/4"	31/32"-20	31/32"	68RB-0604B	\$7.05
3/8"	3/8"	31/32"-20	31/32"	68RB-0606B	7.32
3/8"	1/2"	31/32"-20	31/32"	68RB-0608B	9.40
1/2"	3/8"	1-3/32"-20	1-1/8"	68RB-0806B	14.00
1/2"	1/2"	1-3/32"-20	1-1/8"	68RB-0808B	16.85

Male Connectors with Spring Guard



Hose Size	Pipe Thread	Hex	Part #	Price/E
3/8"	1/4"	1-1/16"	68RBSG-0604	\$16.00
3/8"	3/8"	1-1/16"	68RBSG-0606	16.70
3/8"	1/2"	1-1/16"	68RBSG-0608	17.95
1/2"	3/8"	1-1/4"	68RBSG-0806	29.15
1/2"	1/2"	1-1/4"	68RBSG-0808	30.55

Sleeves



Hose Size	Length	Part #	Price/E
3/8"	.64"	60RB-06	\$3.15
1/2"	.64"	60RB-08	3.72

Nuts



Hose Size	Thread	Hex	Part #	Price/E
3/8"	31/32"-20"	1-1/32"	61RB-06	\$6.08
3/8"	1-3/32"-20"	1-1/4"	61RB-08	9.82

D.O.T. Air Brake Tubing Rolls

Features:

- meets Department of Transportation FMVSS-106 nylon material conforming to SAE J844
- length: 100' roll
- working pressure: **150 PSI**
- temperature range: **-40°F to 200°F**
- tubing cutters sold on page 353

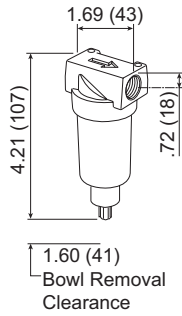
Tube Size	Tubing Color	Part #	Price/E
3/16"	black	J844-03-BL-100	\$78.00
1/4"	black	J844-04-BL-100	99.00
1/4"	blue	J844-04-B-100	99.00
1/4"	red	J844-04-R-100	99.00
3/8"	black	J844-06-BL-100	258.40
3/8"	blue	J844-06-B-100	258.40
3/8"	red	J844-06-R-100	258.40
1/2"	black	J844-08-BL-100	352.00
5/8"	black	J844-10-BL-100	596.40
3/4"	black	J844-12-BL-100	885.00


F

Wilkerson Miniature Filters



transparent bowl

**Features:**

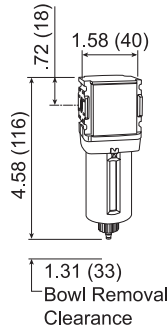
- excellent water removal efficiency
- 5 micron element
- .5 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17 bar) and **32°F to 175°F** (0°C to 80°C)

F

Size	Flow (SCFM)	With Transparent Bowl				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	22	F03-01A	\$57.80	F03-01M	\$48.50	F03-01AMB	\$65.50	F03-01MMB	\$56.10
1/4"	24	F03-02A	57.80	F03-02M	48.50	F03-02AMB	65.50	F03-02MMB	56.10



metal bowl

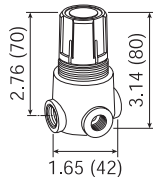
**Features:**

- 5 micron element
- .4 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	25	F08-01A	\$60.30	F08-01M	\$51.15	F08-01AMB	\$66.30	F08-01MMB	\$58.80
1/4"	50	F08-02A	60.30	F08-02M	51.15	F08-02AMB	66.30	F08-02MMB	58.80

See pages 226-229 for filter accessories.

Wilkerson Miniature Regulators

**Features:**

- 2-125 PSI adjusting range
- balanced valve design
- self-relieving standard
- non-rising push/pull locking adjustment knob
- two 1/8" NPT gauge ports standard on models without gauge, one 1/8" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models supplied without gauge use a GC620 gauge.
- panel mount nuts sold separately
- maximum operating conditions:
 - 300 PSIG** (20.17 bar) and **32°F to 125°F** (0°C to 52°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	13	R03-01RG	\$53.90	R03-01R	\$37.20
1/4"	15	R03-02RG	53.90	R03-02R	37.20

See pages 229-231 for regulator accessories.



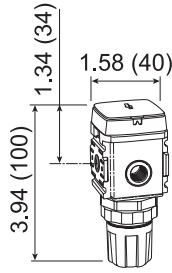
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Regulators

Features:

- 0-125 PSI adjusting range
- balanced valve design
- self-relieving standard
- non-rising push/pull locking adjustment knob
- two 1/8" NPT gauge ports standard on models without gauge, one 1/8" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models with gauge are supplied with a 0-160 flush mount style gauge
- models supplied without gauge use a GC620 gauge.
- panel mount nuts sold separately
- maximum operating conditions:
300 PSIG (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)



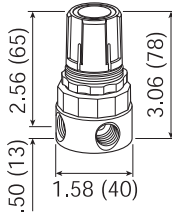
F

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	29.2	R08-01RG	\$63.00	R08-01R	\$46.30
1/4"	44	R08-02RG	63.00	R08-02R	46.30

Wilkerson Miniature Water Regulators

Features:

- 2-125 PSI adjusting range
- suitable for water and compressed air service
- brass construction - wetted parts
- non-relieving spring-loaded diaphragm
- panel mount nut included
- two 1/8" NPT gauge ports standard
- models supplied without gauge use a GC620 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and **40°F to 125°F** (4.4°C to 52°C)



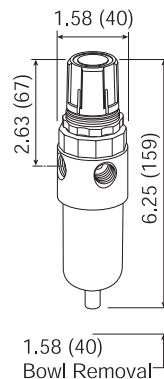
Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	11	RB3-01RG	\$68.00	RB3-01R	\$51.30
1/4"	14	RB3-02RG	68.00	RB3-02R	51.30

See pages 229-231 for regulator accessories.

Wilkerson Miniature Filter / Regulators

Features:

- 2-125 PSI adjusting range
- 5 micron element
- .5 oz. bowl
- self-relieving
- supplied with a GC620 gauge
- maximum operating conditions:
 - transparent bowl: **125 PSIG** (8.6 bar) and **40°F to 125°F** (4.4°C to 52°C)
 - metal bowl: **300 PSIG** (20.7 bar) and **40°F to 125°F** (4.4°C to 52°C)



transparent bowl

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	13	BB3-01AG	\$129.85	BB3-01MG	\$119.65	BB3-01AGMB	\$137.75	BB3-01MGMB	\$127.40
1/4"	16	BB3-02AG	129.85	BB3-02MG	119.65	BB3-02AGMB	137.75	BB3-02MGMB	127.40



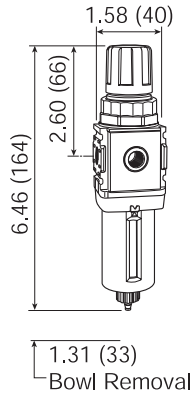
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Filter / Regulators



metal bowl



Features:

- 0-125 PSI adjusting range
- 5 micron element
- .4 oz. bowl
- self-relieving
- supplied with a 0-160 PSI flush mount style gauge
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

F

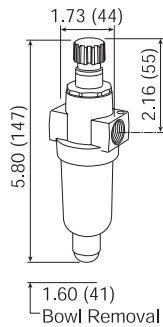
Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	28.6	B08-01AG	\$110.95	B08-01MG	\$101.60	B08-01AGMB	\$131.80	B08-01MGMB	\$122.50
1/4"	42.1	B08-02AG	110.95	B08-02MG	101.60	B08-02AGMB	131.80	B08-02MGMB	122.50

See pages 234-235 for filter/regulator accessories.

Wilkerson Miniature Lubricators



transparent bowl



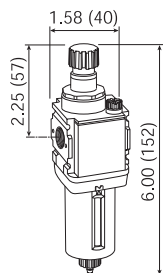
Features:

- 1 oz. bowl
- adjustable oil feed
- full view sight dome
- *Do not fill under pressure. Air supply must be turned off and pressure bled from unit prior to adding oil.*
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 175°F** (0°C to 80°C)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/8"	20	L03-01A	\$74.20	L03-01AMB	\$81.90
1/4"	20	L03-02A	74.20	L03-02AMB	81.90



metal bowl



Features:

- .6 oz. bowl
- adjustable oil feed
- full view sight dome
- fill under pressure design
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/8"	23.5	L08-01A	\$72.25	L08-01AMB	\$79.90
1/4"	57.5	L08-02A	72.25	L08-02AMB	79.90

See pages 232-234 for lubricator accessories. See page 149 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Miniature Combination Units (Filter, Regulator, Lubricator)

Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 175°F** (0°C to 80°C)
- Included components: (2) adapters

Filter series F03:

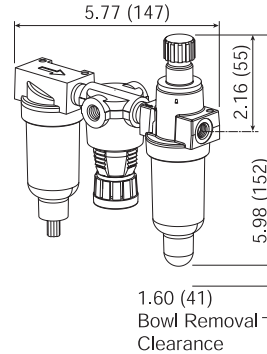
- 5 micron element
- .5 oz. bowl

Regulator series R03:

- 2-125 PSI adjusting range
- balanced valve design
- self-relieving
- supplied with a GC620 gauge
- can be mounted with knob in up or down position

Lubricator series L03:

- 1 oz. bowl
- adjustable oil feed
- full view sight dome



transparent bowl

F

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	20	C03-01A	\$226.40	C03-01M	\$217.00	C03-01AMB	\$241.00	C03-01MMB	\$231.70
1/4"	20	C03-02A	227.00	C03-02M	217.60	C03-02AMB	241.60	C03-02MMB	232.30

Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- Included components: (2) mounting brackets with joiner set

Filter series F08:

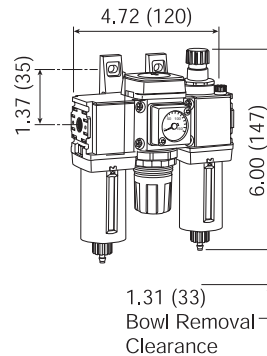
- 5 micron element
- .4 oz. bowl

Regulator series R08:

- 0-125 PSI adjusting range
- balanced valve design
- self-relieving
- supplied with a 0-160 PSI flush mount style gauge

Lubricator series L08:

- .6 oz. bowl
- adjustable oil feed
- full view sight dome



metal bowl

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	29	C08-01A	\$263.55	C08-01M	\$254.40	C08-01AMB	\$277.20	C08-01MMB	\$269.70
1/4"	44	C08-02A	263.55	C08-02M	254.40	C08-02AMB	277.20	C08-02MMB	269.70



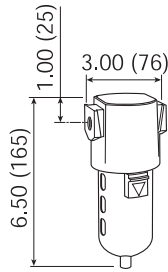
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Airline Compact Filters



with guard



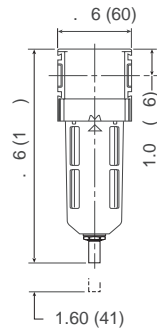
Features:

- 5 micron element
- 5 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

F	Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
			Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
			Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
	1/4"	63.0	F16-02A	\$182.45	F16-02M	\$125.65	F16-02AMB	\$199.45	F16-02MMB	\$142.70
	3/8"	74.1	F16-03A	182.45	F16-03M	125.65	F16-03AMB	199.45	F16-03MMB	142.70
	1/2"	80.4	F16-04A	182.45	F16-04M	125.65	F16-04AMB	199.45	F16-04MMB	142.70



transparent bowl with guard



Features:

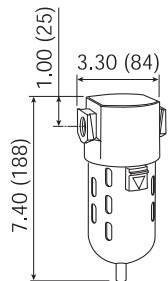
- high flow capacity
- 5 micron element
- 4 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	110	F18-02A	\$149.50	F18-02M	\$93.30	F18-02AMB	\$160.20	F18-02MMB	\$107.60
3/8"	120	F18-03A	149.50	F18-03M	93.30	F18-03AMB	160.20	F18-03MMB	107.60
1/2"	145	F18-04A	149.50	F18-04M	93.30	F18-04AMB	160.20	F18-04MMB	107.60

Wilkerson Airline Standard Filters



with guard



Features:

- 5 micron element
- 10 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	81.3	F26-02A	\$226.70	F26-02M	\$169.90	F26-02AMB	\$245.40	F26-02MMB	\$188.60
3/8"	117.8	F26-03A	226.70	F26-03M	169.90	F26-03AMB	245.40	F26-03MMB	188.60
1/2"	149.8	F26-04A	226.70	F26-04M	169.90	F26-04AMB	245.40	F26-04MMB	188.60

See pages 226-229 for filter accessories.



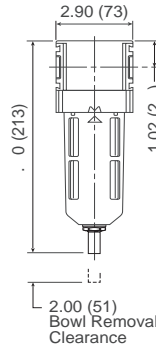
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Airline Standard Filters

Features:

- high flow capacity
- 5 micron element
- 6 oz. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

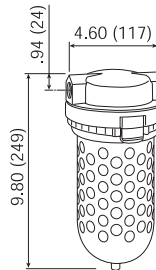
Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	144	F28-03A	\$184.60	F28-03M	\$128.65	F28-03AMB	\$196.25	F28-03MMB	\$143.60
1/2"	160	F28-04A	184.60	F28-04M	128.65	F28-04AMB	196.25	F28-04MMB	143.60
3/4"	165	F28-06A	184.60	F28-06M	128.65	F28-06AMB	196.25	F28-06MMB	143.60

F

Wilkerson Airline Jumbo Filters

Features:

- 5 micron element
- 1 qt. bowl
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

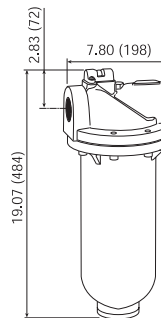


with guard

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	316	F30-06A	\$344.10	F30-06M	\$287.30	F30-06AMB	\$400.00	F30-06MMB	\$343.20
1"	323	F30-08A	344.10	F30-08M	287.30	F30-08AMB	400.00	F30-08MMB	343.20

Features:

- 5 micron element
- 1 qt. bowl
- maximum operating conditions:
 - metal bowl: **150 PSIG** (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	Flow (SCFM)	With Heavy Duty Metal Bowl			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1 1/2"	1280	F35-0BAMB	\$1353.20	F35-0BMMB	\$1296.40
2"	1400	F35-0CAMB	1353.20	F35-0CMMB	1296.40

See pages 226-229 for filter accessories.



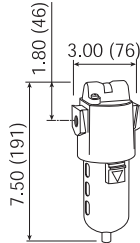
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Modular Coalescing Filters



- removes extremely fine oil mists, oil aerosols and microscopic particles
- A standard airline filter should be installed as a pre-filter when using a coalescing filter.
- 0.5 micron type B and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss



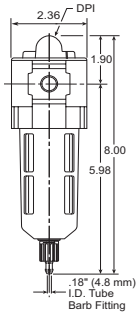
Features:

- 0.01 micron type C element
- 5 oz. bowl
- can be installed in modular system
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

F

Size	Flow (SCFM)	With Compact Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	37.0	M16-02A	\$287.65	M16-02M	\$230.85
3/8"	44.7	M16-03A	287.65	M16-03M	230.85
1/2"	46.1	M16-04A	287.65	M16-04M	230.85

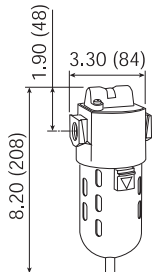
NEW 2014



Features:

- high-efficiency removal of water, oil aerosols, and solid particulate contaminants down to 0.01 mg/m³ with minimum pressure drop
- modern design and appearance
- light weight
- high flow capacity
- 4 oz. bowl
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

Size	Flow (SCFM)	With Compact Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	40.0	M18-02A	\$238.40	M18-02M	\$181.60
3/8"	44.0	M18-03A	238.40	M18-03M	181.60
1/2"	48.0	M18-04A	238.40	M18-04M	181.60



Features:

- 0.01 micron type C element
- 10 oz. bowl
- can be installed in modular system
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

Size	Flow (SCFM)	With Standard Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	55.0	M26-02A	\$352.10	M26-02M	\$295.30
3/8"	65.5	M26-03A	352.10	M26-03M	295.30
1/2"	79.5	M26-04A	352.10	M26-04M	295.30

See pages 226-229 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Modular Coalescing Filters

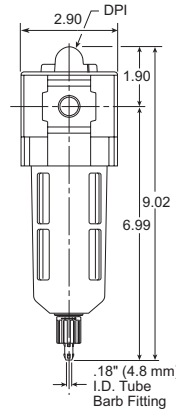
2014
NEW



- removes extremely fine oil mists, oil aerosols and microscopic particles
- A standard airline filter should be installed as a pre-filter when using a coalescing filter.
- 0.5 micron type B and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss

Features:

- high-efficiency removal of water, oil aerosols, and solid particulate contaminants down to 0.01 mg/m³ with minimum pressure drop
- modern design and appearance
- light weight
- high flow capacity
- 6 oz. bowl
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)



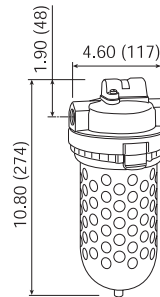
with guard

F

Size	Flow (SCFM)	With Standard Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	82.0	M28-03A	\$279.30	M28-03M	\$222.55
1/2"	90.0	M28-04A	279.30	M28-04M	222.55
3/4"	98.0	M28-06A	279.30	M28-06M	222.55

Features:

- 0.01 micron type C element
- 1 qt. bowl
- maximum operating conditions:
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)



with guard

Size	Flow (SCFM)	With Jumbo Transparent Bowl and Guard	
		Automatic Drain	Price/E
		Part #	Price/E
1/2"	123	M30-04A	\$600.90
3/4"	173	M30-06A	600.90
1"	203	M30-08A	600.90

See pages 226-229 for filter accessories.

FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

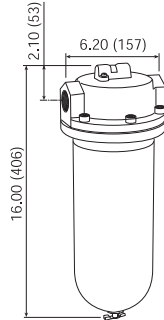
Wilkerson Heavy Duty Modular Coalescing Filters



- for removal of extremely fine oil mists, oil aerosols and microscopic particles
- A standard airline filter should be installed as a pre-filter when using a coalescing filter.
- 1.0 micron type B1 and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss



with metal bowl



Features:

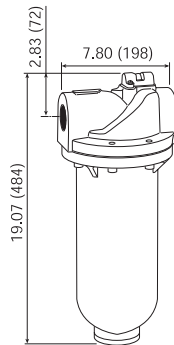
- 0.01 micron type C element
- 1 qt. bowl
- differential pressure indicator eliminates the guesswork of element placement
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)

F

Size	Flow (SCFM)	With Metal Bowl	
		Automatic Drain	Price/E
1 1/4"	741	Part # M32-0AAMB	\$1723.75



with metal bowl



Features:

- 0.01 micron type C element
- 1 qt. bowl
- differential pressure indicator eliminates the guesswork of element placement
- maximum operating conditions:
150 PSIG (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Metal Bowl	
		Automatic Drain	Price/E
1 1/2"	710	Part # M35-0BAMB	\$1836.50
2"	710	Part # M35-0CAMB	1836.50

See pages 226-229 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Manual In-Line Desiccant Dryers

Applications:

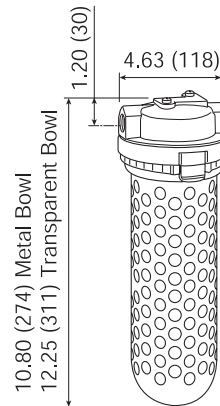
Manual air dryers are used to remove water vapor from compressed air systems, in applications such as paint spraying, laboratory instruments and small control air systems. Filtration for absorber type dryers is important to protect the desiccant bed from contamination. Cleaner incoming air will result in better performance, longer life and fewer service problems. To regenerate silica gel desiccant, it must be heated to at least 350°F for approximately 3 hours or until color has changed from pink to blue. Allow desiccant to cool to room temperature before pouring back into unit bowl.



An after-filter should be placed downstream from the desiccant dryer to ensure solid contaminants such as desiccant dust do not migrate downstream.

Features:

- 1.64 lb. bowl
- will dry up to 4400 standard cubic feet of air
- desiccant; good for approximately 440 minutes at maximum continuous air flow before regeneration is required
- silica gel changes from blue to pink to indicate the need to replace or regenerate the desiccant
- slotted bowl guard for visual detection of color change
- no electrical connection necessary
- provides atmospheric dew point of -45°F with dry desiccant at **100 PSIG** and **70°F**
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10 bar) and **125°F** (52°C)
 - metal bowl: **150 PSIG** (10 bar) and **150°F** (66°C)



with metal bowl

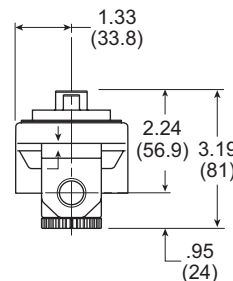
Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
¼"	10	X03-02	\$348.50	X03-02MB	\$450.70

Wilkerson Dial Air Regulators

Dial-air regulators feature a transparent, pressure-calibrated, non-rising adjustment dial for quick adjustment of secondary pressure. The full reduced pressure range can be dialed in less than 270° of dial rotation. This feature is particularly advantageous if secondary pressure must be changed frequently. Dial air regulators can be mounted in any position so dial face is always visible. All dial-air units have a slight constant air bleed.

Features:

- 0-160 PSI adjusting range
- balanced valve design
- relieving type
- non-rising pressure adjusting dial
- piston operated
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- models supplied without gauge use a GC230 gauge
- maximum operating pressure: **300 PSIG** (20.7 bar)
- temperature range: **32°F** to **150°F** (0°C to 65.5°C)



Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	117	R21-02RG	\$220.45	R21-02R	\$199.75
⅜"	180	R21-03RG	220.45	R21-03R	199.75
½"	195	R21-04RG	220.45	R21-04R	199.75
¾"	220	R21-06RG	220.45	R21-06R	199.75

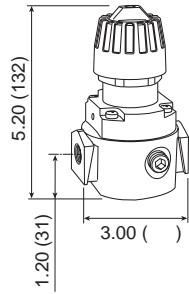
See pages 229-231 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Compact Regulators

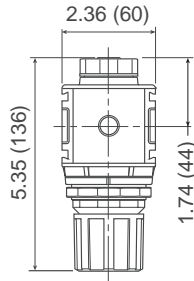


Features:

- 0-125 PSI adjusting range
- for 0-60 PSI adjusting range, add an L to the end of the part number
- self-relieving standard
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

F

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	71.5	R16-02RG	\$120.25	R16-02R	\$99.55
3/8"	80.5	R16-03RG	120.25	R16-03R	99.55
1/2"	88.0	R16-04RG	120.25	R16-04R	99.55

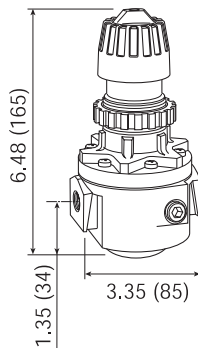


Features:

- 0-125 PSI adjusting range
- self-relieving standard
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- Two 1/4" NPT gauge ports located on the front and rear faces of the body; ports may be used as additional regulated ports or for pressure gauges.
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	82	R18-02RG	\$92.60	R18-02R	\$71.90
3/8"	97	R18-03RG	92.60	R18-03R	71.90
1/2"	97	R18-04RG	92.60	R18-04R	71.90

Wilkerson Standard Regulators



Features:

- 0-125 PSI adjusting range
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	112	R26-02RG	\$172.40	R26-02R	\$151.70
3/8"	148	R26-03RG	172.40	R26-03R	151.70
1/2"	185	R26-04RG	172.40	R26-04R	151.70

See pages 229-231 for regulator accessories.



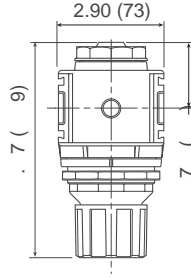
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Standard Regulators

Features:

- 0-125 PSI adjusting range
- self-relieving standard
- four adjusting pressure ranges available
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- Two 1/4" NPT gauge ports located on the front and rear faces of the body; ports may be used as additional regulated ports or for pressure gauges.
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)



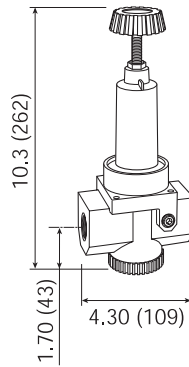
Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
3/8"	162	R28-03RG	\$132.85	R28-03R	\$112.15
1/2"	170	R28-04RG	132.85	R28-04R	112.15
3/4"	176	R28-06RG	132.85	R28-06R	112.15

F

Wilkerson High Flow Regulators

Features:

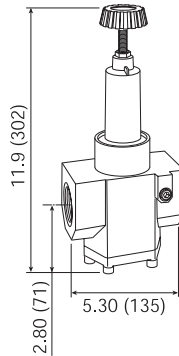
- 0-125 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)



Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	480	R30-06RG	\$274.30	R30-06R	\$253.60
1"	500	R30-08RG	274.30	R30-08R	253.60
1 1/4"	800	R30-0ARG	274.30	R30-0AR	253.60

Features:

- 0-125 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)



Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1 1/2"	1200	R40-0BRG	\$502.80	R40-0BR	\$482.10
2"	1200	R40-0CRG	502.80	R40-0CR	482.10

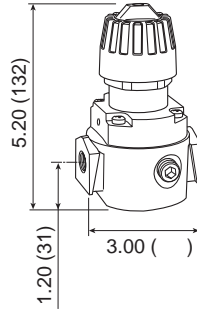
See pages 229-231 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson High Pressure Compact Regulators

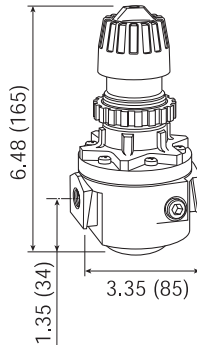

Features:

- 0-250 PSI adjusting range
- self-relieving standard
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

F

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	71.5	R16-02RHG	\$120.25	R16-02RH	\$99.55
3/8"	80.5	R16-03RHG	120.25	R16-03RH	99.55
1/2"	88.0	R16-04RHG	120.25	R16-04RH	99.55

Wilkerson High Pressure Standard Regulators


Features:

- 0-250 PSI adjusting range
- self-relieving standard
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	112	R26-02RHG	\$172.40	R26-02RH	\$151.70
3/8"	148	R26-03RHG	172.40	R26-03RH	151.70
1/2"	185	R26-04RHG	172.40	R26-04RH	151.70

See pages 229-231 for regulator accessories.



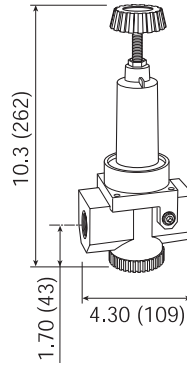
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson High Pressure High Flow Regulators

Features:

- 0-180 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)

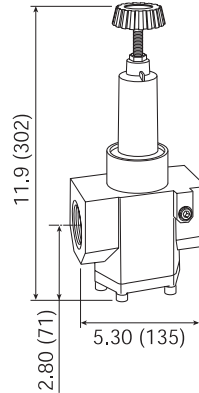


F

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¾"	480	R30-06RHG	\$274.30	R30-06RH	\$253.60
1"	500	R30-08RHG	274.30	R30-08RH	253.60
1¼"	800	R30-0ARHG	274.30	R30-0ARH	253.60

Features:

- 0-180 PSI adjusting range
- self-relieving standard
- piston operated
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports
- models supplied without gauge use a GC240 gauge
- maximum operating conditions:
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 65.5°C)



Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1½"	1200	R40-0BRHG	\$502.80	R40-0BRH	\$482.10
2"	1200	R40-0CRHG	502.80	R40-0CRH	482.10

See pages 229-231 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

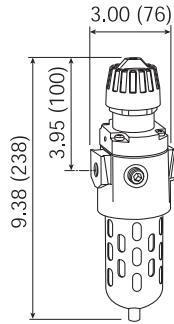
Wilkerson Compact Filter / Regulators

Over-under units are space savers and provide for installation in tight areas. One common inlet/outlet for both filter and regulator saves on piping costs.

F



with guard



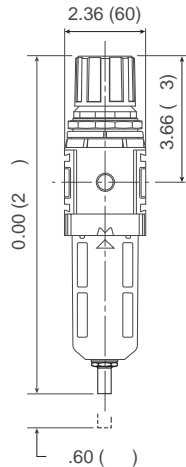
Features:

- 0-125 PSIG adjusting range
- 5 micron reusable element
- 5 oz. bowl
- self-relieving standard
- diaphragm operated
- quick-disconnect bowl guard with integral plastic bowl and safety latch standard
- Two 1/4" gauge ports are provided in either side of the regulator body for installation of a gauge or to use as an additional outlet port. (Plug unused port(s).)
- supplied with GC230 gauge
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	64.0	CB6-02AG	\$282.30	CB6-02MG	\$225.50	CB6-02AGMB	\$299.30	CB6-02MGMB	\$242.50
3/8"	70.0	CB6-03AG	282.30	CB6-03MG	225.50	CB6-03AGMB	299.30	CB6-03MGMB	242.50
1/2"	70.0	CB6-04AG	282.30	CB6-04MG	225.50	CB6-04AGMB	299.30	CB6-04MGMB	242.50



with metal bowl



Features:

- 0-125 PSIG adjusting range
- 5 micron element
- 4 oz. bowl
- self-relieving standard
- spring-loaded diaphragm
- To increase regulated pressure, pull adjusting knob and turn clockwise. To reduce pressure, turn knob counter clockwise. To lock knob, push down.
- Two 1/4" gauge ports located on the front and rear faces of the body. These ports may be used as additional regulated ports or for pressure gauges. (Plug unused port(s).)
- supplied with GC230 gauge
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	88	B18-02AG	\$243.10	B18-02MG	\$183.45	B18-02AGMB	\$247.15	B18-02MGMB	\$187.50
3/8"	117	B18-03AG	243.10	B18-03MG	183.45	B18-03AGMB	247.15	B18-03MGMB	187.50
1/2"	121	B18-04AG	243.10	B18-04MG	183.45	B18-04AGMB	247.15	B18-04MGMB	187.50

See page 235 for filter/regulator accessories.



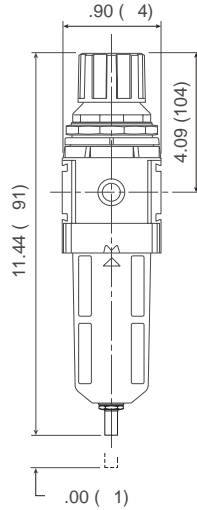
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

Wilkerson Standard Filter / Regulators

Features:

- 0-125 PSIG adjusting range
- 5 micron element
- 6 oz. bowl
- self-relieving standard
- spring-loaded diaphragm
- To increase regulated pressure, pull adjusting knob and turn clockwise. To reduce pressure, turn knob counter clockwise. To lock knob, push down.
- Two 1/4" gauge ports located on the front and rear faces of the body. These ports may be used as additional regulated ports or for pressure gauges. (Plug unused port(s)).
- supplied with GC230 gauge
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



with transparent bowl



Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	140	B28-03AG	\$280.70	B28-03MG	\$221.15	B28-03AGMB	\$285.50	B28-03MGMB	\$225.90
1/2"	165	B28-04AG	280.70	B28-04MG	221.15	B28-04AGMB	285.50	B28-04MGMB	225.90
3/4"	175	B28-06AG	280.70	B28-06MG	221.15	B28-06AGMB	285.50	B28-06MGMB	225.90

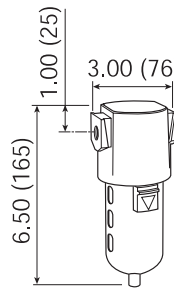
See page 235 for filter/regulator accessories.
SCFM ratings at 100 PSIG inlet pressure.

Wilkerson EconOmist® Compact Lubricators

Designed so that all the oil flow observed in the sight dome is broken into a mist and delivered via the airflow to the application. The oil in the bowl can be filled or replenished without interrupting airflow or bleeding pressure from the system. Once the oil-fill cap is removed, the bowl is depressurized and isolated from line pressure, and the bowl itself can then be removed for faster refill, if desired. The bowl can be filled right to the top.

Features:

- 5 oz. bowl
- full view sight dome
- fill under pressure design
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



transparent bowl with guard

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	36.1	L16-02A	\$149.85	L16-02AMB	\$166.90
3/8"	58.5	L16-03A	149.85	L16-03AMB	166.90
1/2"	64.0	L16-04A	149.85	L16-04AMB	166.90

See pages 232-234 for lubricator accessories. See page 149 for air tool lubricant.

FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Lubricators

Flow Guide®

The elastomer disc-shaped device is located in the throat of all Wilkerson lubricators and automatically maintains a constant ratio of oil flow to airflow regardless of changing rates of airflow. This allows one lubricator to serve several pneumatic components operating together or intermittently.

Type of oil to use:

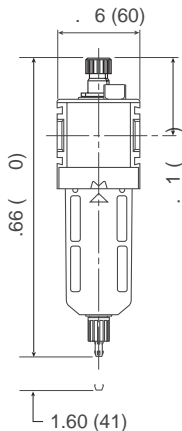
For all Wilkerson lubricators, use any petroleum-base, non-detergent light weight oil (SAE 10/150SSU) which will readily break up into a mist, i.e., Mobil DTE light or comparable oil. Do not use synthetic oil or any oils containing additives or solvents. See page 149 for air tool lubricants.

F

Wilkerson EconOmist® Compact Lubricators



with metal bowl



Features:

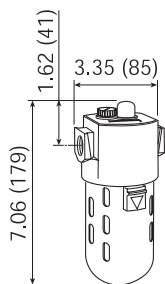
- 4.09 oz. bowl
- manual drain
- high flow capacity
- can be filled under pressure
- To adjust and set oil delivery rate the unit must be pressurized and air must be flowing through the unit. Turn the sight dome, located on the top of the unit, counter clockwise to initiate oil delivery. The rate of oil delivery depends on air flow rate. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally. Turning the sight dome clockwise will stop all oil delivery.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	88	L18-02A	\$114.05	L18-02AMB	\$128.30
3/8"	90	L18-03A	114.05	L18-03AMB	128.30
1/2"	96	L18-04A	114.05	L18-04AMB	128.30

Wilkerson EconOmist® Standard Lubricators



with metal bowl



Features:

- 10 oz. bowl
- adjustable oil feed
- can be filled under pressure
- quick-disconnect metal bowl guard with integral safety latch
- siphon tube filter provides clean lubricant downstream
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl ¹	
		Part #	Price/E	Part #	Price/E
1/4"	35	L26-02A	\$183.75	L26-02AMB	\$202.50
3/8"	60	L26-03A	183.75	L26-03AMB	202.50
1/2"	128	L26-04A	183.75	L26-04AMB	202.50

¹ metal bowl has sight gauge with brass petcock drain

See pages 232-234 for lubricator accessories. See page 149 for air tool lubricant.

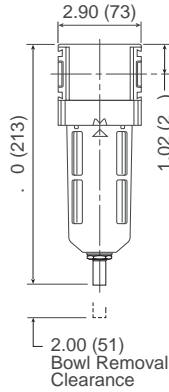
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson EconOmist® Standard Lubricators

Features:

- 6.11 oz. bowl
- manual drain
- high flow capacity
- can be filled under pressure
- To adjust and set oil delivery rate the unit must be pressurized and air must be flowing through the unit. Turn the sight dome, located on the top of the unit, counter clockwise to initiate oil delivery. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally. Turning the sight dome clockwise will stop all oil delivery.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)



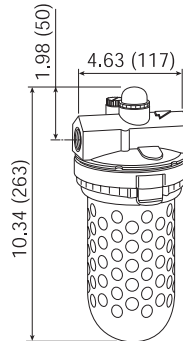
with metal bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	176	L28-03A	\$139.65	L28-03AMB	\$154.65
1/2"	184	L28-04A	139.65	L28-04AMB	154.65
3/4"	200	L28-06A	139.65	L28-06AMB	154.65

SCFM ratings given at 150 PSIG inlet pressure.

Features:

- 26 oz. bowl
- transparent bowl: no drain
metal bowl: manual brass petcock drain
- can be filled under pressure
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. The oil delivery rate will change automatically to deliver more oil during higher air flows and less oil for air flows lower than the one at which the setting was made.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/4"	196	L30-06A	\$283.80	L30-06AMB	\$339.80
1"	374	L30-08A	283.80	L30-08AMB	339.80

See pages 232-234 for lubricator accessories. See page 149 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 120 PSIG inlet pressure.

Wilkerson EconOmist® Standard Lubricators

Features:

- 26 oz. bowl
- transparent bowl: solid bottom
- metal bowl: manual drain with sight glass
- full view sight dome
- adjustable oil feed
- can be filled under pressure
- quick-disconnect clamp ring for easy bowl removal
- The rate of oil delivery may be controlled by turning the adjusting screw counter clockwise for more and clockwise for less oil delivery. The oil delivery rate will change automatically to deliver more oil during higher air flows and less oil for air flows lower than the one at which the setting was made.
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (14 bar) and **32°F to 150°F** (0°C to 65.5°C)



transparent bowl with guard

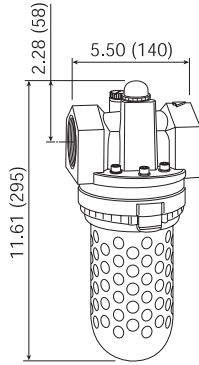


illustration represents L40 series

F

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1¼"	927	L40-0AA	\$641.90	L40-0AAMB	\$697.90
1½"	927	L40-0BA	641.90	L40-0BAMB	697.90
2"	1186	L50-0CA	870.65	L50-0CAMB	926.60

See pages 232-234 for lubricator accessories. See page 149 for air tool lubricant. SCFM ratings at 120 PSIG inlet pressure.

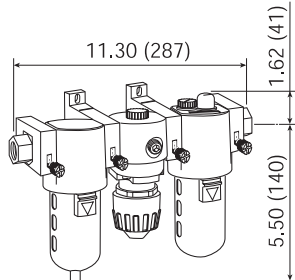
Wilkerson Compact Combination Units

Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)
- Included components:
 - (2) modular sleeves
 - (2) mounting brackets (sleeve and bracket)
 - (2) end blocks



with metal bowl



Filter series F16:

- 5 micron element
- 5 oz. bowl

Lubricator series L16:

- 5 oz. bowl
- adjustable oil feed
- full view sight dome

Regulator series R16:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Size	Flow (SCFM)	With Transparent Bowl and Guard				Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	36.1	C16-02A	\$622.20	C16-02M	\$565.40	C16-02AMB	\$656.25	C16-02MMB	\$599.50
⅜"	58.5	C16-03A	622.20	C16-03M	565.40	C16-03AMB	656.25	C16-03MMB	599.50
½"	64.0	C16-04A	622.20	C16-04M	565.40	C16-04AMB	656.25	C16-04MMB	599.50



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Compact Combination Units

Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- Included components:
 - (2) end blocks
 - (2) mounting brackets with joiner set and port O-ring

Filter series F18:

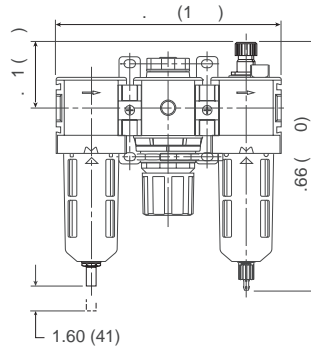
- 5 micron element
- 4 oz. bowl

Regulator series R18:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L18:

- 4.09 oz. bowl
- adjustable oil feed
- full view sight dome



with metal bowl



Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	110	C18-02A	\$529.85	C18-02M	\$473.65	C18-02AMB	\$554.85	C18-02MMB	\$502.20
⅜"	160	C18-03A	529.85	C18-03M	473.65	C18-03AMB	554.85	C18-03MMB	502.20
½"	160	C18-04A	529.85	C18-04M	473.65	C18-04AMB	554.85	C18-04MMB	502.20

Wilkerson Standard Combination Units

Features:

- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)
- Included components:
 - (2) modular sleeves
 - (2) mounting brackets (sleeve and bracket)
 - (2) end blocks

Filter series F26:

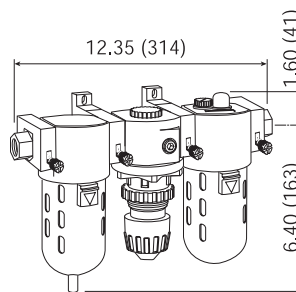
- 5 micron element
- 10 oz. bowl

Regulator series R26:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L26:

- 10 oz. bowl
- adjustable oil feed
- full view sight dome



with metal bowl

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	35	C26-02A	\$752.50	C26-02M	\$695.70	C26-02AMB	\$789.95	C26-02MMB	\$733.15
⅜"	60	C26-03A	752.50	C26-03M	695.70	C26-03AMB	789.95	C26-03MMB	733.15
½"	128	C26-04A	752.50	C26-04M	695.70	C26-04AMB	789.95	C26-04MMB	733.15



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

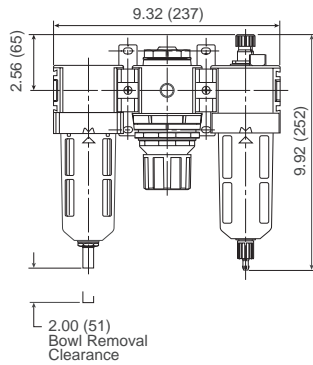
Wilkerson Standard Combination Units

Features:

- modern design and appearance
- quick disconnect bowl / bowl guard
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- Included components:
 - (2) end blocks
 - (2) mounting brackets with joiner set and port O-ring



with metal bowl



Filter series F28:

- 5 micron element
- 6 oz. bowl

Regulator series R28:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L28:

- 6.11 oz. bowl
- adjustable oil feed
- full view sight dome

Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	150	C28-03A	\$630.80	C28-03M	\$574.85	C28-03AMB	\$657.45	C28-03MMB	\$604.80
1/2"	175	C28-04A	630.80	C28-04M	574.85	C28-04AMB	657.45	C28-04MMB	604.80
3/4"	175	C28-06A	630.80	C28-06M	574.85	C28-06AMB	657.45	C28-06MMB	604.80

SCFM ratings given at 150 PSIG inlet pressure.

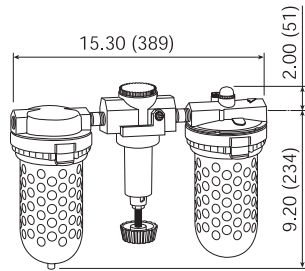
Wilkerson Jumbo Combination Units

Features:

- high flow capacity
- large bowl reservoir
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 175°F** (0°C to 80°C)
- Included components:
 - (2) brass hex nipples



with metal bowl



Filter series F30:

- 5 micron element
- 1 qt. bowl

Regulator series R30:

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L30:

- 26 oz. bowl
- adjustable oil feed
- full view sight dome

Size	Flow (SCFM)	With Transparent Bowl and Guard				Metal Bowl with Sight Glass			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	374	C31-06A	\$957.20	C31-06M	\$900.45	C31-06AMB	\$1069.10	C31-06MMB	\$1012.30
1"	374	C31-08A	949.20	C31-08M	892.40	C31-08AMB	1061.15	C31-08MMB	1004.30



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 120 PSIG inlet pressure.

Wilkerson Combination Units

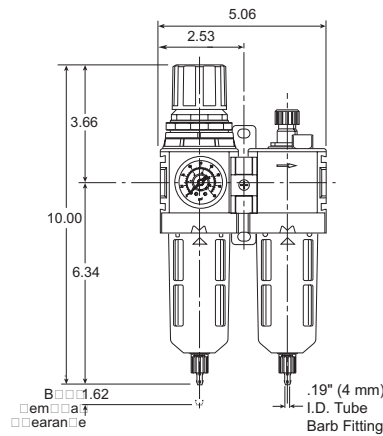
2014
NEW

Features:

- light weight, Ready-to-Mount assembly comes standard with pressure gauge and modular T-Bracket/Joiner Assembly
- components integrated into single unit
- modern design and appearance
- quick disconnect bowl / bowl guard
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- 5 micron element
- 4.09 oz. bowl/lubricator

Regulator

- 0-125 PSI adjusting range
- self-relieving
- supplied with gauge
- 1.72 oz. bowl/filter



with transparent bowl and guard

Size	Flow (SCFM)	With Transparent Bowl and Guard		With Metal Bowl / Sight Gauge	
		Manual Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	150	D18-04M	\$312.20	D18-04MMB	\$319.70

SCFM ratings at 150 PSIG inlet pressure.

Wilkerson Jumbo Combination Units

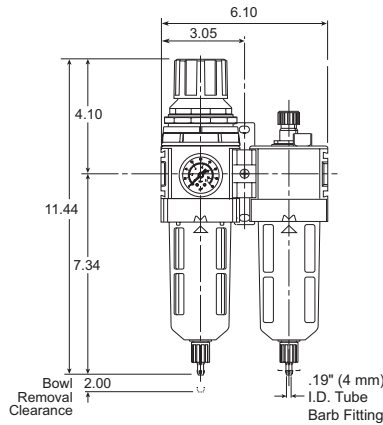
2014
NEW

Features:

- light weight, Ready-to-Mount assembly comes standard with pressure gauge and modular T-Bracket/Joiner Assembly
- components integrated into single unit
- modern design and appearance
- quick disconnect bowl / bowl guard
- maximum operating conditions:
 - **250 PSIG** (17.2 bar) and **32°F to 150°F** (0°C to 65.5°C)
- 5 micron element
- 6.11 oz. bowl/lubricator

Regulator

- 0-125 PSI adjusting range
- self-relieving
- supplied with gauge
- 2.87 oz. bowl/filter



with metal bowl

Size	Flow (SCFM)	With Metal Bowl and Sight Gauge	
		Manual Drain	
		Part #	Price/E
1/2"	110	D28-04MMB	\$382.65
3/4"	175	D28-06MMB	\$382.65



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 120 PSIG inlet pressure.

Wilkerson Combination Unit with Protective Frame

Application:

Provides downstream air preparation with protection and convenience.

Features:

Include components:

- C31-08AMB 1" FRL with metal bowls and auto drain filter
- BBLV100 1" brass ball valve and AM12 air king on inlet port
- BBV100DTW 3-way ball valve installed between regulator and lubricator provides option for non-lubricated air
- heavy duty frame protects air prep components
- operating:
 maximum pressure: **250 PSIG**
 temperature range: **40°F to 150°F**
 Flow: 320 SCFM

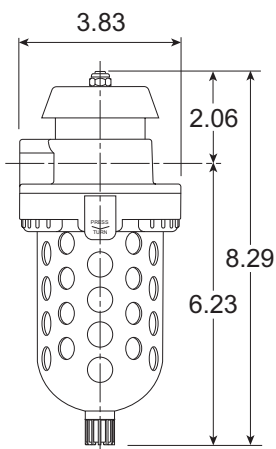


F

Size	Part #	Price/E
1"	C31-08FRAME	\$2045.00

NEW 2014

Wilkerson Exhaust Muffler



Features:

- The contaminants in the exhaust flow are mechanically separated and twice filtered to 5 micron levels. The clean, muffled exhaust flows out of the unit under the metal hood on top.
- removes oily aerosols from exhaust flows
- one inlet port
- 5 micron element
- quick disconnect clamp ring for easy bowl removal
- manual drain
- operating:
 maximum pressure: **150 PSIG** (10.3 bar)
 temperature range: **32°F to 125°F** (0°C to 52°C)

Size	Flow @ 90 PSI	Transparent Bowl with Guard Part #	Price/E
½"	240 SCFM	F23-04M	\$191.75



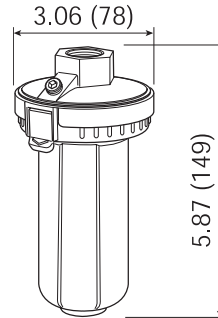
FRL's are designed for air service only, unless otherwise indicated.

Wilkerson Automatic Drain

As liquid contaminants collect in the bowl, they raise a closed-cell cellular float. When the liquid level reaches a given point, the float triggers a mechanism which pilots line pressure against a large area piston or diaphragm which snaps open the drain valve. The contaminants are discharged from the drain orifice at line pressure. As the liquid level falls, the pilot valve closes, line pressure against the piston/diaphragm returns to atmosphere and the drain valve snaps closed. A 1/8" NPT drain discharge orifice allows the liquid discharge to be piped to a container or sewer.

Features:

- 5 oz. bowl
- fully automatic, float operated
- full 1/2" NPT drain inlet
- quick-disconnect clamp ring for easy bowl removal when servicing
- no electrical connections
- easy installation
- maximum operating conditions:
 - transparent bowl: **150 PSIG** (10.3 bar) and **32°F to 125°F** (0°C to 52°C)
 - metal bowl: **200 PSIG** (13.8 bar) and **32°F to 150°F** (0°C to 65.5°C)



with metal bowl

Size	With Transparent Bowl		With Metal Bowl	
	Part #	Price/E	Part #	Price/E
1/2"	X02-04	\$136.70	X02-04MB	\$151.35

Wilkerson Automatic Drain Valve

Automatically drains liquid water and oil from compressed air receivers and systems. Drain valve automatically opens and closes every time the system pressure drops approximately 10 to 20 PSIG (0.7 to 1.4 bar) during the compressor cycle. An internal piston design, which utilizes no floats, minimizes the risks associated with drain failures.

Features:

- for use with up to 100 HP compressors
- maximum operating pressure: **200 PSIG** (13.5 bar)
- temperature range: **32°F to 150°F** (0°C to 65.5°C)
- minimum differential pressure required: 20 PSIG (1.4 bar)
- inlet/outlet ports: 1/4" NPT (F)
- screen adapter: 3/8" NPT (M) inlet, 1/4" NPT (M) outlet



Size	Part #	Price/E
1/4"	X51-02	\$137.70



FRL's are designed for air service only, unless otherwise indicated.

Wilkerson Lockout Valves

Application:

Lockout valves are installed in pneumatic drop legs, or individual pneumatic control lines. In accordance with OSHA procedures, lockout valves are used during maintenance and service procedures of pneumatically (air) operated equipment.

Features:

- used to comply with OSHA 29 CFR part 1910
- built in port for pressure verification to meet ANSI B11 and Pmm155 requirements
- inline or surface mountable
- yellow cast aluminum body with red handle
- pressure range: **15-300 PSI**
- temperature range: **40°F to 175°F** (4.4°C to 18.6°C)



Port In/Out	Port Exhaust	Part #	Price/E
1/2"	3/4"	LV4N6D	\$348.75
3/4"	3/4"	LV6N6D	348.75
3/4"	1-1/4"	LV6NAD	478.55
1"	1-1/4"	LV8NAD	478.55

Wilkerson Filter Accessories

Elements



FRP-95-115

Used On	Description	Part #	Price/E
F03	5 micron element	PS403	32.85
F08		FRP-96-729	12.55
F16		FRP-95-160	30.00
F18		FRP-96-639	20.15
F26		FRP-95-115	30.00
F28		FRP-96-653	23.95
F30		FRP-95-209	59.35
F35		FRP-95-505	127.50
F42		FRP-95-566	147.10

F



MTP-95-548

Used On	Description	Part #	Price/E
M16, M26, M30	type B element (0.5 micron)	MSP-95-989	\$55.10
M16	type C element (0.01 micron)	MTP-95-548	105.75
M26	type C element (0.01 micron)	MTP-95-549	111.90
M30	type C element (0.01 micron)	MTP-95-551	243.10
M35	type C element (0.01 micron)	MTP-95-502	516.00



DRP-85-059

Gel Refills

Used On	Description	Part #	Price/E
X03	8 bags of silica gel refill	DRP-85-059	\$395.05

Bowls and Bowl Guards



FRP-95-015

Used On	Description	Part #	Price/E
F08	plastic bowl with guard and manual drain	GRP-96-712	25.45
F16, M16	plastic bowl and metal bowl guard with flex tip drain	FRP-95-014	80.95
	plastic bowl and metal bowl guard with auto drain	FRP-95-015	135.00
	metal bowl with sight glass and manual drain	GRP-95-133	127.85
	metal bowl with auto drain	FRP-95-950	157.35
F18	plastic bowl and bowl guard with manual drain	GRP-96-634	70.20
	plastic bowl and bowl guard with auto drain	GRP-96-635	117.85
	metal bowl with sight glass and manual drain	GRP-96-636	80.70
F26, M26	plastic bowl and metal bowl guard with flex tip drain	GRP-95-935	96.00
	plastic bowl and metal bowl guard with auto drain	GRP-95-948	180.00
	metal bowl with sight glass and manual drain	GRP-95-931	137.80
	metal bowl with auto drain	GRP-95-960	183.80
F28	plastic bowl, bowl guard, manual drain	GRP-96-642	77.60
	metal bowl, with sight glass, manual drain	GRP-96-644	76.10
F30, M30	plastic bowl and metal bowl guard with manual drain	FRP-95-832	121.25
	plastic bowl and metal bowl guard with auto drain	FRP-95-775	213.80
	plastic bowl with flex tip drain	FRP-96-315	71.45
	metal bowl with sight glass and manual drain	GRP-95-676	320.65
	metal bowl with auto drain	GRP-95-970	231.65

Wilkerson Filter Accessories

Auto and Manual Drains

Used On	Description	Part #	Price/E
F16, F18, F26, F28, F30, F35, M16, M26, M30, M32, M35	automatic drain with flourocarbon seal	GRP-95-981	76.30
F16, F18, F26, F28, F30, M16, M26, M30	automatic float drain with a nitrile seal	GRP-95-973	68.90
F16, F18, F26, F28, F30, F35, M16, M26, M30, M35	manual override drain	GRP-96-001	46.05
F16, F26, F30, M16, M26, M30	manual pet cock drain for use with metal bowl units	GRP-95-182	28.40
F16, F26, F30, M16, M26, M30	manual flex tip drain	FRP-95-610	10.40
F18, F28	manual drain	GRP-96-685	16.80



GRP-96-001

F

Sight Glass

Used On	Description	Part #	Price/E
M16, M26	sight glass kit for metal bowls	GRP-95-079	\$15.30



GRP-95-079

Mounting Brackets and Joiner Sets

Used On	Description	Part #	Price/E
F03	mounting bracket	PS417B	\$19.15
F08	mounting bracket (type T) with joiner set and port O-ring	GPA-96-737	14.00
	mounting bracket (type C)	GPA-97-010	11.85
	joiner set and port O-ring	GPA-96-738	8.50
F16, M16	mounting bracket (type L)	GPA-95-016	34.90
F18	mounting bracket (type C)	GPA-96-604	23.95
	mounting bracket (type L)	GPA-96-606	15.70
F18, F28	mounting bracket (type T)	GPA-96-602	17.85
	mounting bracket (type T) with joiner set and port O-ring	GPA-96-603	39.05
F26, M26	mounting bracket (type L)	GPA-95-946	41.80
F28	mounting bracket (type C)	GPA-96-605	28.20
	mounting bracket (type L)	GPA-96-607	20.80
F30	wall mount, U-bolt pipe clamp	GRP-95-734	23.55



GPA-96-737

Modular Sleeve with Wall Mounting Brackets

Features:

- designed to mount a single unit or combination of units directly to the wall
- sleeve and mounting bracket can be ordered assembled, or just the mounting bracket alone for use on existing modular sleeves

Used On	Description	Part #	Price/E
F16, F26	bracket	GPA-95-968	\$14.40
	sleeve and bracket	GPA-95-969	32.45



GPA-95-969

Wilkerson Filter Accessories

Modular Sleeve



GPA-95-292

Features:

- design easily and quickly connects one or more units and accessories together without pipe nipples
- hand tightening the threaded pin provides a tight seal between the units

Used On	Description	Part #	Price/E
F16, F26	modular sleeve	GPA-95-292	\$17.00

Modular Blocks

Features:
Manifold Block

- flexible installation can be installed after the filter or regulator, providing three additional 1/4" NPT tapped auxiliary ports
- 1/2" inlet/outlet ports non-tapped
- 1-17/32" width

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections



GPA-95-919



GPA-95-223



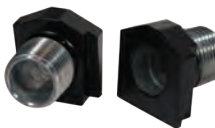
GPA-96-610

Used On	Description	Part #	Price/E
	manifold block, three 1/4" NPT auxiliary ports	GPA-95-919	\$51.10
F16, M16, F26, M26	end block, 1/4" NPT	GPA-95-223	30.75
	end block, 3/8" NPT	GPA-95-224	30.75
	end block, 1/2" NPT	GPA-95-225	30.75
	end block, 1/4" NPT	GPA-96-610	27.80
F18, F28	end block, 3/8" NPT	GPA-96-611	27.80
	end block, 1/2" NPT	GPA-96-612	27.80
	end block, 3/4" NPT	GPA-96-613	27.80

Modular Adapters

Features:

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set includes 2 blocks



GPA-95-037

Used On	Description	Part #	Price/E
	1/4" NPT pipe adapter	GPA-95-035	\$43.50
F16, M16, F26, M26	3/8" NPT pipe adapter	GPA-95-036	43.50
	1/2" NPT pipe adapter	GPA-95-037	43.50

Wilkerson Filter Accessories

Modular Shut-Off Valves

Application:

- Useful for isolating and depressurizing a downstream unit requiring maintenance or replacement.

Features:

- can be installed immediately upstream of a single unit or combination of units
- secure to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- can be locked in the open position
- left to right flow

Used On	Description	Part #	Price/E
F16, F26	1/4" NPT safety shut-off valve	GPA-95-096	\$135.85
	3/8" NPT safety shut-off valve	GPA-95-097	135.85
	1/2" NPT safety shut-off valve	GPA-95-098	135.85



GPA-95-098

F

Differential Pressure Indicators

Features:

- used to replace damaged indicators on filters and modular coalescing filters
- pressure loss changes color of indicator window from green to red

Used On	Description	Part #	Price/E
M16, M26, M30, M32	indicator	DP2-01-000	\$29.10
F35, M35	indicator	DP2-01-001	34.80



DP2-01-000

Wilkerson Regulator Accessories

Replacement Springs

Used On	Description	Part #	Price/E
R16	0-50 PSI spring	RRP-95-222	\$17.00



RRP-95-222

Replacement Flush Mount Gauges

Application:

- for units originally purchased with a flush mounted gauge

Used On	Description	Part #	Price/E
R08	0-160 PSI	GRP-96-719	\$27.05



GRP-96-719

Tamper Resistant Kits

Used On	Description	Part #	Price/E
R00, R08	ring style tamper resistant kit	RPA-96-735	\$7.20
R16, R26		RPA-95-006	8.30
R18		RRP-96-671	7.65
R28		RRP-96-672	8.70



RPA-95-006

Wilkerson Regulator Accessories

Repair Kits



RRP-95-952

Used On	Description	Part #	Price/E
R16	self-relieving repair kit	RRP-95-131	\$56.20
R18	relieving diaphragm assembly	RRP-96-656	22.70
R26	self-relieving repair kit	RRP-95-952	37.75
R28	relieving diaphragm assembly	RRP-96-986	41.35
R30	valve assembly: valve, spring, bottom plug O-ring	RRP-95-159	46.05
R40	valve assembly: valve, spring, retaining ring O-ring	RRP-95-161	162.55

Mounting Brackets and Joiner Sets



GPA-96-737

Used On	Description	Part #	Price/E
R00, RB3	mounting bracket (type L) and nut	GRP-95-747	\$17.85
R03	mounting bracket	PS417B	19.15
R08	mounting bracket (type T) with joiner set	GPA-96-737	14.00
	mounting bracket (type C)	GPA-97-010	11.85
	mounting bracket (type L)	GRP-96-739	10.00
	joiner set with port O-ring	GPA-96-738	8.50
R16	mounting bracket (type L) and nut	GPA-95-011	22.90
R16, R21, R26, R30, R40	wall mount bracket with 1/4" NPT gauge port adapter	RRP-95-590	28.20
R26	mounting bracket (type C) and nut	RPA-95-947	18.85
R30	wall mount, U-bolt pipe clamp	GRP-95-734	23.55

Modular Sleeve with Wall Mounting Brackets



GPA-95-969

Features:

- designed to mount a single unit or combination of units directly to the wall
- sleeve and mounting bracket can be ordered assembled, or just the mounting bracket alone for use on existing modular sleeves

Used On	Description	Part #	Price/E
R16, R26	bracket	GPA-95-968	\$14.40
	sleeve and bracket	GPA-95-969	32.45

Modular Sleeve



GPA-95-292

Features:

- design easily and quickly connects one or more units and accessories together without pipe nipples
- hand tightening the threaded pin provides a tight seal between the units

Used On	Description	Part #	Price/E
R16, R26	modular sleeve	GPA-95-292	\$17.00

Wilkerson Regulator Accessories

Modular Blocks

Features:

Manifold Block

- allows easy design flexibility
- can be installed after the filter or regulator, providing three additional 1/4" NPT tapped auxiliary ports
- 1/2" inlet/outlet ports non-tapped
- 1-17/32" width

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set of 2 blocks (inlet & outlet)

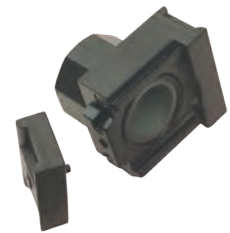
Used On	Description	Part #	Price/E
R16, R26	manifold block, three 1/4" NPT auxiliary ports	GPA-95-919	\$51.10
	end block, 1/4" NPT	GPA-95-223	30.75
	end block, 3/8" NPT	GPA-95-224	30.75
	end block, 1/2" NPT	GPA-95-225	30.75
R18, R28	end block, 1/4" NPT	GPA-96-610	27.80
	end block, 3/8" NPT	GPA-96-611	27.80
	end block, 1/2" NPT	GPA-96-612	27.80
	end block, 3/4" NPT	GPA-96-613	27.80



GPA-95-919



GPA-95-223



GPA-96-610

Modular Adapters

Features:

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode. Allows ease of unit servicing or replacement without disturbing the air line connections.
- set includes 2 blocks

Used On	Description	Part #	Price/E
R16, R26	1/4" NPT pipe adapter	GPA-95-035	\$43.50
	3/8" NPT pipe adapter	GPA-95-036	43.50
	1/2" NPT pipe adapter	GPA-95-037	43.50



GPA-95-037

Modular Shut-Off Valves

Application:

- Useful for isolating and depressurizing a downstream unit requiring maintenance or replacement.

Features:

- can be installed immediately upstream of a single unit or combination of units
- secure to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- can be locked in the open position
- left to right flow

Used On	Description	Part #	Price/E
R16, R26	1/4" NPT safety lock-out valve	GPA-95-096	\$135.85
	3/8" NPT safety lock-out valve	GPA-95-097	135.85
	1/2" NPT safety lock-out valve	GPA-95-098	135.85



GPA-95-098

see pages 268-273 for replacement gauges

Wilkerson Lubricator Accessories

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
L08	plastic bowl with guard and manual drain	LRP-96-736	30.10
L16	metal bowl with sight glass and manual drain	GRP-95-133	127.85
	plastic bowl with guard and manual drain	GRP-95-019	96.05
	plastic bowl with no drain	LRP-96-937	39.90
L18	metal bowl with sight glass, manual drain	GRP-96-636	80.70
	plastic bowl with guard and manual drain	LRP-96-701	70.25
L26	metal bowl with sight glass and manual drain	GRP-95-931	137.80
	plastic bowl with no drain	LRP-96-938	43.05
L28	metal bowl with sight glass, manual drain	GRP-96-644	76.10
	plastic bowl with guard and manual drain	LRP-96-702	82.30
L30, L40	metal bowl with sight glass and manual drain	GRP-95-676	320.65
L30, L40, L50	plastic bowl with no drain	LRP-96-940	53.10



GRP-95-019

F

Drains

Used On	Description	Part #	Price/E
L16, L26, L30, L40, L50	manual pet cock drain for use with metal bowl units	GRP-95-182	\$28.40
L18, L28	manual drain	GRP-96-685	16.80



GRP-96-685

Sight Domes and Fill Plugs

Used On	Description	Part #	Price/E
L00, L08, L16, L26	sight dome kit: dome and O-ring	LRP-95-239	\$16.40
L08	fill plug kit: fill plug and O-ring	LRP-96-730	5.95
L08, L18, L28	sight dome kit (old style -08)	LRP-96-710	21.05
L16, L26	sight glass kit for metal bowls	GRP-95-079	15.30
L16, L26, L30	fill plug kit: fill plug and O-ring	LRP-95-253	10.65
L18, L28	sight dome assembly (new style)	LRP-96-310	16.10
L30, L40, L50	sight dome kit: dome and O-ring	LRP-95-249	22.10
L40, L50	fill plug kit: fill plug and O-ring	LRP-95-250	34.55



LRP-95-249

Mounting Brackets

Used On	Description	Part #	Price/E
L08	mounting bracket (type T) with joiner set and port O-ring	GPA-96-737	14.00
	mounting bracket (type C)	GPA-97-010	11.85
	joiner set and port O-ring	GPA-96-738	8.50
L16	mounting bracket (type L)	GPA-95-016	34.90
L18	mounting bracket (type C)	GPA-96-604	23.95
	mounting bracket (type L)	GPA-96-606	15.70
L18, L28	mounting bracket (type T)	GPA-96-602	17.85
	mounting bracket (type T) with joiner set and port O-ring	GPA-96-603	39.05
L26	mounting bracket (type L)	GPA-95-946	41.80
L28	mounting bracket (type C)	GPA-96-605	28.20
	mounting bracket (type L)	GPA-96-607	20.80
L30	wall mount with U-bolt pipe clamp	GRP-95-734	23.55



GPA-96-737

Wilkerson Lubricator Accessories

Modular Sleeve with Wall Mounting Brackets

Features:

- designed to mount a single unit or combination of units directly to the wall
- sleeve and mounting bracket can be ordered assembled, or just the mounting bracket alone for use on existing modular sleeves

Used On	Description	Part #	Price/E
L16, L26	bracket	GPA-95-968	\$14.40
	sleeve and bracket	GPA-95-969	32.45



GPA-95-969

Modular Sleeve

Features:

- easily and quickly connects one or more units and accessories together without pipe nipples
- hand tightening the threaded pin provides a tight seal between the units

Used On	Description	Part #	Price/E
L16, L26	modular sleeve	GPA-95-292	\$17.00



GPA-95-292

Modular Blocks

Features:
Manifold Block

- flexible installation, can be installed after the filter or regulator, providing three additional 1/4" NPT tapped auxiliary ports
- 1/2" inlet/outlet ports non-tapped
- width: 1-17/32"

End Block

- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set includes 2 blocks (inlet and outlet)



GPA-95-919

Used On	Description	Part #	Price/E
L16, L26	manifold block, three 1/4" NPT auxiliary ports	GPA-95-919	\$51.10
	end block, 1/4" NPT	GPA-95-223	30.75
	end block, 3/8" NPT	GPA-95-224	30.75
	end block, 1/2" NPT	GPA-95-225	30.75
L18, L28	end block, 1/4" NPT	GPA-96-610	27.80
	end block, 3/8" NPT	GPA-96-611	27.80
	end block, 1/2" NPT	GPA-96-612	27.80
	end block, 3/4" NPT	GPA-96-613	27.80



GPA-96-610

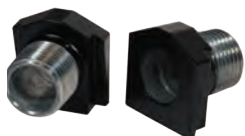
F

Wilkerson Lubricator Accessories

Modular Adapters

Features:

- When used with the modular sleeve, adapter inserts allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections
- set includes 2 blocks



GPA-95-037

Used On	Description	Part #	Price/E
L16, L26	1/4" NPT pipe adapter	GPA-95-035	\$43.50
	3/8" NPT pipe adapter	GPA-95-036	43.50
	1/2" NPT pipe adapter	GPA-95-037	43.50

Modular Shut-Off Valves

Application:

- Useful for isolating and depressurizing a downstream unit requiring maintenance or replacement.



GPA-95-098

Features:

- can be installed immediately upstream of a single unit or combination of units
- secured to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- can be locked in the open position
- left to right flow

Used On	Description	Part #	Price/E
L16, L26	1/4" NPT safety lock-out valve	GPA-95-096	\$135.85
	3/8" NPT safety lock-out valve	GPA-95-097	135.85
	1/2" NPT safety lock-out valve	GPA-95-098	135.85

Wilkerson Filter/Regulator Accessories

5 Micron Elements



FRP-96-729

Used On	Description	Part #	Price/E
B08	5 micron element	FRP-96-729	\$12.55
CB6		FRP-95-160	30.00
B18		FRP-96-639	20.15
B28		FRP-96-653	23.95

Bowls and Bowl Guards



GRP-96-636

Used On	Description	Part #	Price/E
B08	plastic bowl with guard and manual drain	GRP-96-712	\$25.45
CB6	plastic bowl with metal bowl guard and flex tip drain	FRP-95-014	80.95
	plastic bowl with metal bowl guard and auto drain	FRP-95-015	135.00
	metal bowl and auto drain	FRP-95-950	157.35
B18	plastic bowl with guard and manual drain	GRP-96-634	70.20
	plastic bowl with bowl guard and auto drain	GRP-96-635	117.85
	metal bowl with sight glass and manual drain	GRP-96-636	80.70
	plastic bowl with bowl guard and manual drain	GRP-96-642	77.60
	metal bowl with sight glass and manual drain	GRP-96-644	76.10

Wilkerson Filter/Regulator Accessories

Auto and Manual Drains

Used On	Description	Part #	Price/E
CB6	manual pet cock drain (for use with metal bowl units)	GRP-95-182	28.40
	manual flex tip drain	FRP-95-610	10.40
CB6, B18, B28	automatic drain with fluorocarbon seal	GRP-95-981	76.30
	automatic float drain with a nitrile seal	GRP-95-973	68.90
	manual override drain	GRP-96-001	46.05
B18, B28	manual drain	GRP-96-685	16.80



GRP-96-001

Accessories

Used On	Description	Part #	Price/E
CB6	sight glass kit for metal bowl	GRP-95-079	\$15.30



GRP-95-079

Replacement Springs

Used On	Description	Part #	Price/E
CB6	0-50 PSI spring	RRP-95-222	\$17.00



RRP-95-222

Tamper Resistant Kits

Used On	Description	Part #	Price/E
B08	ring style tamper resistant kit	RPA-96-735	\$7.20
B18	ring style tamper resistant kit	RRP-96-671	7.65
B28	ring style tamper resistant kit	RRP-96-672	8.70



RPA-96-735

Repair Kits

Used On	Description	Part #	Price/E
B18	diaphragm assembly, relieving	RRP-96-656	\$22.70
B28	diaphragm assembly, relieving	RRP-96-986	41.35



RRP-96-656

Mounting Brackets and Joiner Sets

Used On	Description	Part #	Price/E
R08	mounting bracket (type T) with joiner set	GPA-96-737	\$14.00
	mounting bracket (type C)	GPA-97-010	11.85
	mounting bracket (type L)	GRP-96-739	10.00
	joiner set with port O-ring	GPA-96-738	8.50
CB6	mounting bracket (type L) and nut	GPA-95-011	22.90
	bracket, wall mount, gauge port adapter with 1/4" NPT	RRP-95-590	28.20
B18	mounting bracket (type C)	GPA-96-604	23.95
	mounting bracket (type L)	GPA-96-606	15.70
B18, B28	mounting bracket (type T)	GPA-96-602	17.85
	mounting bracket (type T) with joiner set	GPA-96-603	39.05
B28	mounting bracket (type C)	GPA-96-605	28.20
	mounting bracket (type L)	GPA-96-607	20.80



GPA-96-737

Wilkerson FRL Display

Increase your sales with this heavy duty, point-of-purchase Dixon FRL Display. Display is designed to highlight the features and benefits of a modular Filter-Regulator-Lubricator Combination Unit for air line services. The display is perfect for your "Will Call" or showroom sales area.



Features:

- FRL combination unit with standard metal bowl with sight glass and manual drain
- modular mounting clamps
- pipe adapters
- display stand
- assembly is required

Part #	Price/E
WILK26DISPLAY	\$840.75

Series 1 FRL Display

Increase your sales with this heavy duty, point-of-purchase Dixon FRL Display. Display is designed to highlight the features and benefits of a modular Filter-Regulator-Lubricator Combination Unit for air line services. The display is perfect for your "Will Call" or showroom sales area.



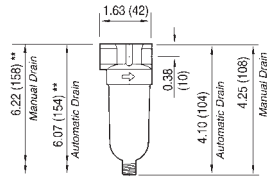
Features:

- 74 Series basic combination unit with metal bowl with sight glass and manual drain
- modular mounting clamps
- pipe adapters
- display stand
- assembly is required

Part #	Price/E
NORG74DISPLAY	\$822.35

Series 1 Carded Miniature FRL's

Dixon offers the Series I line of miniature filters, filter/regulators, regulators and lubricators in prepackaged clear plastic units suitable for hanging on store peg racks or displays. The primary features of each unit are printed on the packaging. Each package contains 1 unit and an instruction sheet.



** minimum clearance required to remove bowl

Features:

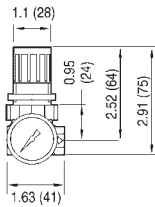
- 5 micron element
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Carded Miniature Filter with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	24	F07-200AC	\$71.05	F07-200MC	\$60.55



F

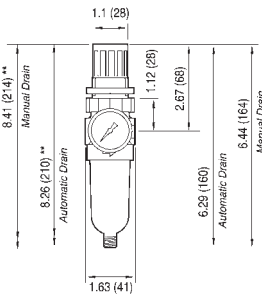


Features:

- pressure range 5-100 PSI
- relieving type
- inlet pressure **250 PSI** maximum at ambient temperature (70°F)
- supplied with a GC620 gauge

Carded Miniature Regulator with Gauge

Port Size	SCFM	with Gauge	
		Part #	Price/E
1/4"	15	R07-200RGC	\$69.10



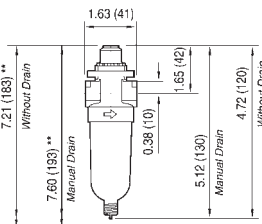
** minimum clearance required to remove bowl

Features:

- pressure range 5-100 PSI
- relieving type
- 5 micron element
- 1 oz. reservoir
- push to lock adjusting knob
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)
- supplied with a GC620 gauge
- bowl guard not available

Carded Miniature Filter/Regulator with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	14	B07-202AGC	\$134.20	B07-202MGC	\$122.10



** minimum clearance required to remove bowl

Features:

- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Carded Miniature Lubricator

Port Size	Flow (SCFM)	Transparent Bowl	
		Part #	Price/E
1/4"	14	L07-200AC	\$86.20



! FRL's are designed for air service only, unless otherwise indicated.

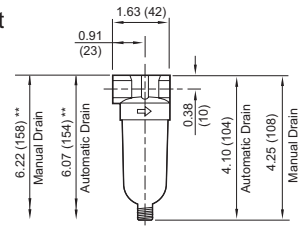
SCFM ratings given at 100 PSIG inlet pressure for regulators, 90 PSIG all others.

Series 1 Miniature FRL's

- 5 micron element
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Miniature Filter with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	19	F07-100A	\$68.55	F07-100M	\$58.80
1/4"	24	F07-200A	66.95	F07-200M	57.40



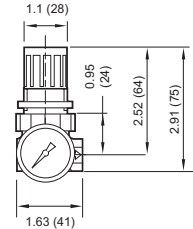
** minimum clearance to remove bowl



- pressure range 5-100 PSI
- relieving type
- inlet pressure **300 PSI** maximum at ambient temperature (70°F)
- regulation at flows up to 22 SCFM at 100 PSIG
- RG models supplied with a GC620 gauge
- panel nut not included

Miniature Regulators

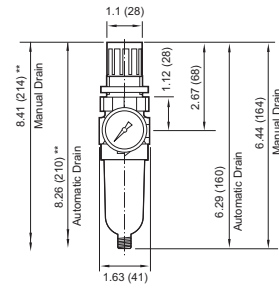
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	14	R07-100RG	\$61.20	R07-100R	\$44.50
1/4"	15	R07-200RG	60.75	R07-200R	44.05



- pressure range 5-100 PSI
- relieving type
- 5 micron element
- 1 oz. reservoir
- push to lock adjusting knob
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)
- supplied with a GC620 gauge
- bowl guard not available

Miniature Filter/Regulator with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	13	B07-102AG	\$124.45	B07-102MG	\$113.45
1/4"	24	B07-202AG	122.50	B07-202MG	112.10



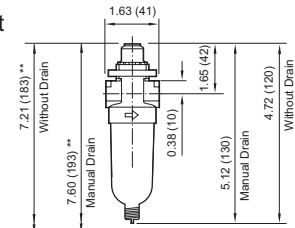
** minimum clearance to remove bowl



- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Miniature Lubricators

Port Size	Flow (SCFM)	Transparent Bowl	
		Part #	Price/E
1/8"	10	L07-100A	\$88.85
1/4"	14	L07-200A	87.55



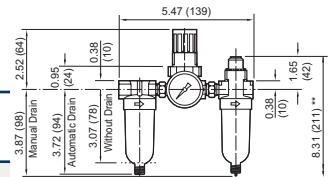
** minimum clearance to remove bowl



- pressure range 5-125 PSI
- 1 oz. reservoir
- supplied with a GC620 gauge
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Miniature Combination Unit with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	10	P1A-100A	\$263.80	P1A-100M	\$254.05
1/4"	14	P1A-200A	261.00	P1A-200M	251.45



** minimum clearance to remove bowl

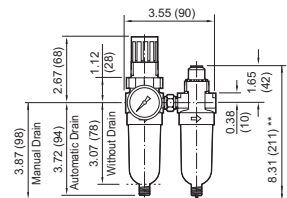


Series 1 Micro Mate Combination Units

- pressure range 5-125 PSI
- requires only 2 pipe connections
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)

Miniature Filter/Regulator/Lubricator with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain	
		Part #	Price/E
1/8"	10	PTH-100AG	\$234.60
1/4"	14	PTH-200AG	246.45



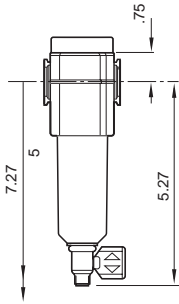
** minimum clearance to remove bowl



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure for regulators, 90 PSIG all others.

Series 1 Airline Filters



Features:

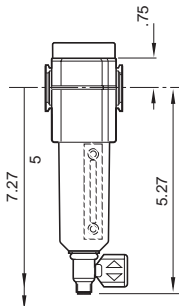
- particle removal per ISO 8573-1, Class 5 and Class 3
- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)

Sub-Compact with Transparent Bowl

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	55	F72G-2A	\$133.50	F72G-2M	\$73.25
3/8"	55	F72G-3A	138.35	F72G-3M	77.90



with transparent bowl



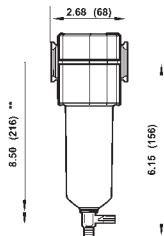
Sub-Compact with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	55	F72G-2A-MB	\$149.75	F72G-2M-MB	\$89.10
3/8"	55	F72G-3A-MB	153.30	F72G-3M-MB	94.00



with metal bowl

F



** Minimum clearance required to remove bowl.

Features:

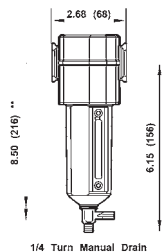
- particle removal per ISO 8573-1, Class 5 and Class 3
- 40 micron element
- 4 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)

Compact with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	53	F73G-2A	\$187.60	F73G-2M	\$113.50
3/8"	65	F73G-3A	187.60	F73G-3M	113.50
1/2"	69	F73G-4A	185.85	F73G-4M	112.95



with transparent bowl



1/4 Turn Manual Drain

** Minimum clearance required to remove bowl.

Compact with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	53	F73G-2A-MB	\$196.80	F73G-2M-MB	\$122.75
3/8"	65	F73G-3A-MB	196.80	F73G-3M-MB	122.75
1/2"	69	F73G-4A-MB	196.80	F73G-4M-MB	122.10



with metal bowl

See pages 254-256 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 90 PSIG inlet pressure.

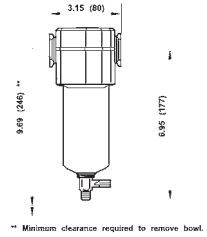
Series 1 Airline Filters



with transparent bowl

Features:

- particle removal per ISO 8573-1, Class 5 and Class 3
- 40 micron element
- 7 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)

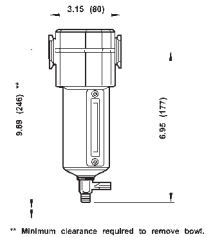


Standard with Transparent Bowl and Guard

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	112	F74G-3A	\$237.95	F74G-3M	\$164.90
1/2"	140	F74G-4A	233.45	F74G-4M	162.60
3/4"	140	F74G-6A	235.70	F74G-6M	162.60

Standard with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	112	F74G-3A-MB	\$242.60	F74G-3M-MB	\$169.85
1/2"	140	F74G-4A-MB	239.15	F74G-4M-MB	166.60
3/4"	140	F74G-6A-MB	239.15	F74G-6M-MB	167.45



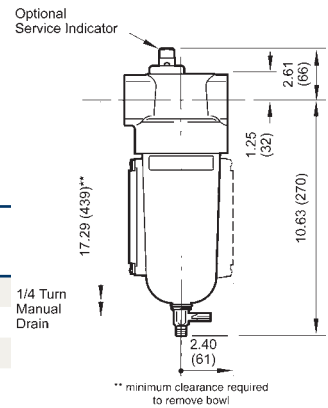
with metal bowl

Features:

- general purpose with low pressure drop and excellent water removal characteristics
- 40 micron element
- 1 qt. reservoir
- inlet pressure: **250 PSI** at ambient temperature (70°F)

Jumbo with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	325	F17-600A	\$433.80	F17-600M	\$356.65
1"	425	F17-800A	427.60	F17-800M	353.25
1 1/4"	425	F17-A00A	495.65	F17-A00M	415.65
1 1/2"	425	F17-B00A	490.95	F17-B00M	421.70

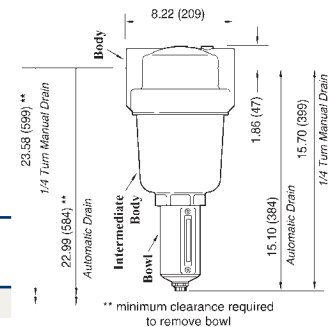


Features:

- 40 micron element
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- 7 oz. reservoir
- inlet pressure: **250 PSI** at ambient temperature (70°F)

Jumbo with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
2"	1400	F18-C00A	\$1500.90	F18-C00M	\$1425.20



See pages 254-256 for filter accessories.



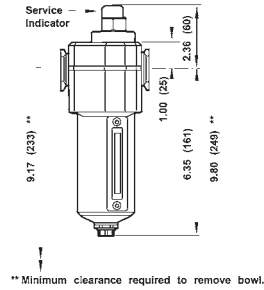
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 90 PSIG inlet pressure.

Series 1 Oil Removal (Coalescing) Filters

Features:

- provides air quality class 2 hydrocarbon and class 1 particulate removal per ISO 8573-1
- element removes particles down to 0.01mm. Maximum remaining oil content of air leaving the filter is 0.01 ppm at 70°F (21°C) with an inlet concentration of 8 ppm
- For maximum service life install a general purpose filter upstream of the oil removal filter.
- service life indicator turns from green to red when element needs to be replaced
- in-line or modular installation
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure: **250 PSI** at ambient temperature (70°F)



** Minimum clearance required to remove bowl.

Standard Standard Flow with Metal Bowl

Port Size	Flow (SCFM) Saturated	SCFM Dry	Automatic Drain	
			Part #	Price/E
3/8"	35	70	F74C-3A-MB	\$392.60
1/2"	35	75	F74C-4A-MB	388.95

Standard High Flow with Metal Bowl

Port Size	Flow (SCFM) Saturated	SCFM Dry	Automatic Drain	
			Part #	Price/E
1/2"	60	100	F74H-4A-MB	\$448.95
3/4"	60	120	F74H-6A-MB	444.70

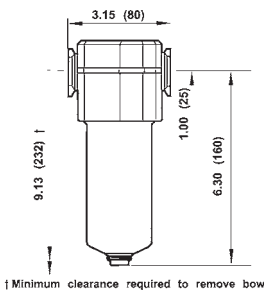


F

Series 1 Oil Vapor Removal Filters

Features:

- provides air quality class 1 particulate removal per ISO 8573-1, when used with the F74C series
- Filter and element designs optimizes air velocity and contact time to reduce oil content of air leaving the filter to 0.003 ppm at 70°F (21°C).
- For maximum service life install a general purpose filter and an oil removal filter upstream of the oil vapor removal filter.
- Minimum service life of 400 hours can be expected if the vapor removal filter is protected upstream by an oil removal (coalescing) filter and if the filtration temperature is in the region of **70° to 80°F** (21° to 26°C). Above this range, oil vapor content of compressed air increases substantially and element service life is reduced.
- Carbon cartridge element provides long service life.
- Activated carbon cartridge filter element absorbs oil vapors and removes most hydrocarbon odors.
- in-line or modular installation
- quick-release bayonet bowl
- inlet pressure: **250 PSI** at ambient temperature (70°F)



† Minimum clearance required to remove bowl.



Standard with Metal Bowl

Port Size	Flow (SCFM)	Automatic Drain	
		Part #	Price/E
3/8"	21	F74V-3A-MB	\$367.00
1/2"	21	F74V-4A-MB	366.05
3/4"	21	F74V-6A-MB	370.50

See pages 254-256 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 90 PSIG inlet pressure.

Series 1 Regulators

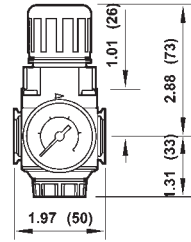
Features:

- pressure range 5-150 PSI
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- in-line or modular installation
- two full flow 1/8" NPT gauge ports
- RG models supplied with GC620 gauge
- To order 0-60 PSI range, add an L to the end of the part number.



Sub-Compact

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	70	R72G-2RG	\$80.45	R72G-2R	\$63.75
3/8"	70	R72G-3RG	84.65	R72G-3R	67.95



F

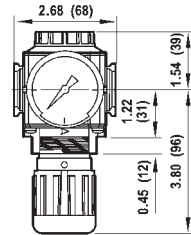
Features:

- pressure range 5-150 PSI
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- in-line or modular installation
- relieving type
- two full flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge
- To order 0-60 PSI range, add an L to the end of the part number.



Compact

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	91	R73G-2RG	\$111.25	R73G-2R	\$90.55
3/8"	144	R73G-3RG	110.80	R73G-3R	90.10
1/2"	144	R73G-4RG	110.35	R73G-4R	89.65



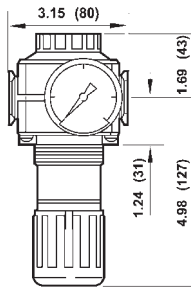
Features:

- pressure range 5-150 PSI
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- in-line or modular installation
- relieving type
- two full flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge
- To order 0-60 PSI range, add an L to the end of the part number.



Standard

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
3/8"	208	R74G-3RG	\$163.45	R74G-3R	\$142.75
1/2"	220	R74G-4RG	160.70	R74G-4R	140.00
3/4"	220	R74G-6RG	161.40	R74G-6R	140.70



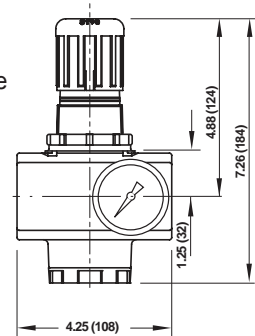
Features:

- pressure range 5-125 PSI
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- in-line or modular installation
- relieving type
- two full-flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge



Jumbo

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	440	R17-600RG	\$293.05	R17-600R	\$272.35
1"	480	R17-800RG	289.10	R17-800R	268.40
1 1/4"	400	R17-A00RG	352.65	R17-A00R	331.95
1 1/2"	440	R17-B00RG	363.50	R17-B00R	342.80



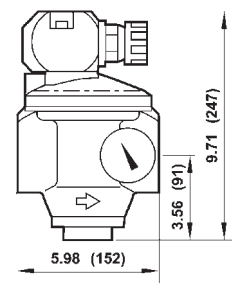
Features:

- 5-125 PSI range
- inlet pressure: **450 PSI** at ambient temperature (70°F)
- relieving type
- two full flow 1/4" NPT gauge ports
- RG model supplied with GC230 gauge



Jumbo

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
2"	2000	R18-C05RG	\$1771.80	R18-C05R	\$1751.10



See pages 256-257 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure, 2" unit at 100 PSIG.

Miniature Non-Repairable General Purpose Regulators

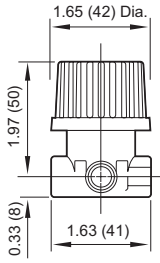
Features:

- pressure range 5-125 PSI
- lightweight construction
- left to right flow
- wrench flats for easy installation
- relieving piston design allows reduction of downstream pressure when the system is dead-ended
- RG model supplied with a GC620 gauge

Compact

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	13	R46-200RG	\$63.85	R46-200R	\$47.15

SCFM ratings at 100 PSIG.



Series 1 General Regulators

Floating valve pin provides positive seating and dependability. Large diaphragm provides quick response to flow demands and line pressure changes. Balanced valve reduces inlet pressure variations on outlet pressure.

Features:

- pressure range 5-125 PSI
- inlet pressure: **400 PSI** at ambient temperature (70°F)
- T-handle adjustment
- supplied with GC620 gauge

Port Size	Flow (SCFM)	with Gauge	
		Part #	Price/E
1/4"	110	R11-013RG	\$331.05
3/8"	110	R11-037RG	331.05
1/2"	260	R11-061RG	379.70

SCFM ratings at 150 PSIG.



Series 1 Manifold Regulators

Manifold up to six regulators on a single air supply. Design allows in-line installation with hex nipple or modular installation with 72 Series accessories (see pages 256-257).

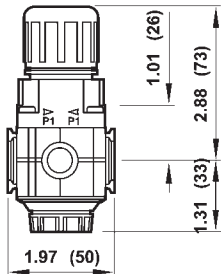
Features:

- pressure range 5-150 PSI
- inlet pressure: **300 PSI** at ambient temperature (70°F)
- RG models supplied with GC620 gauge

Sub-Compact

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	83	R72M-2RG	\$152.70	R72M-2R	\$136.00
3/8"	83	R72M-3RG	156.50	R72M-3R	139.80

SCFM ratings at 150 PSIG.



Series 1 Cylinder Gas Regulator

Applications:



UL listed for service with Carbon Dioxide, water, pumped air, Nitrogen, Argon, Helium, Krypton, Neon and Xenon. *Not to be used with flammable gases.*

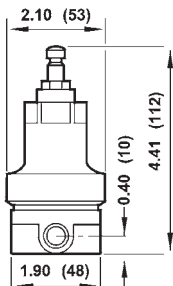
Features:

- pressure range 5-125 PSI
- inlet pressure: **3000 PSI** at ambient temperature (70°F)
- relieving type
- two ports for high pressure and two ports for service

Port Size	Flow (SCFM)	without Gauge	
		Part #	Price/E
1/4"	10	R83-200R	\$144.00

See pages 256-257 for regulator accessories.

SCFM ratings given at 1000 PSIG inlet pressure.



FRL's are designed for air service only, unless otherwise indicated.

Series 1 Miniature Water Regulator

Application:

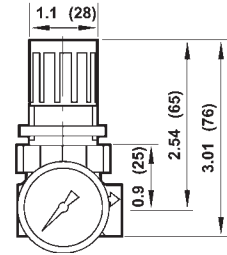
Designed for use with deionized water and potable water systems. Plastic and metal components in contact with fluid are approved by the National Sanitation Foundation (NSF) or meet Food and Drug Administration (FDA) recommendations for use in potable water systems.



Features:

- inlet pressure: **150 PSI** at ambient temperature (70°F)
- non-relieving type
- supplied with GC620 gauge
- food grade elastomers

Port Size	Flow (GPM)	with Gauge	
		Part #	Price/E
1/4"	1.75	R91-221RG	\$84.75



SCFM ratings at 100 PSIG.

Series 1 Water Regulators

Application:

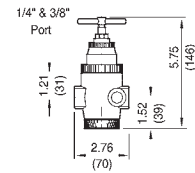
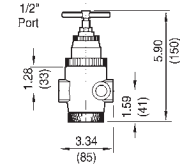
Used in water systems to reduce and maintain pressure at a nearly constant level despite changes in the inlet pressure and changes in downstream flow requirements.



Features:

- pressure range 5-125 PSI
- inlet pressure: **400 PSI** at ambient temperature (70°F)
- T-handle adjustment
- brass body and aluminum bonnet
- non-relieving type
- gauge port is full-flow and can be used as an outlet port
- supplied with GC230 gauge

Port Size	Flow (SCFM)	with Gauge	
		Part #	Price/E
1/4"	5	R43-201RG	\$261.20
3/8"	5	R43-301RG	314.20
1/2"	10	R43-406RG	359.90



SCFM ratings at 100 PSIG.

Series 1 Water Regulators

Application:

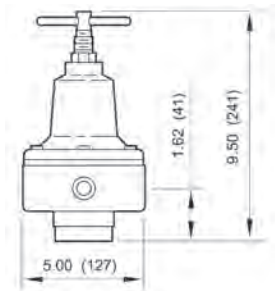
Balanced valve minimizes effects of the inlet pressure variations on outlet pressure.

Features:

- inlet pressure: **400 PSI**
- T-handle adjustment
- non-relieving type
- body, valve and bottom plug are brass, bonnet is aluminum and steel
- elastomers are nitrile
- temperature range:
 - water service: **35° to 200°F** (2° to 93°C)
 - air service: **-30° to 200°F** (-34° to 93°C)



Port Size	Flow (SCFM)	without Gauge	
		Part #	Price/E
3/4"	27.5	11-009-065	\$1216.40
1"	27.5	11-009-081	1228.00



SCFM ratings given at 100 PSIG inlet pressure.

See pages 256-257 for regulator accessories.

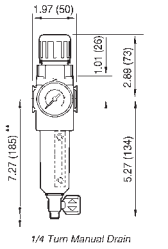


FRL's are designed for air service only, unless otherwise indicated.

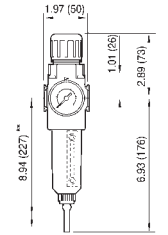
Series 1 Filter / Regulators

Features:

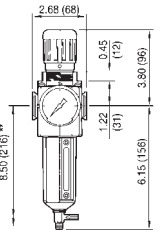
- particle removal per ISO 8573-1, Class 5 and Class 3
- pressure range 5-150 PSI
- in-line or modular installation
- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- supplied with GC620 gauge
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)



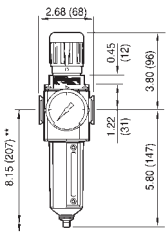
1/4 Turn Manual Drain
** minimum clearance required to remove bowl



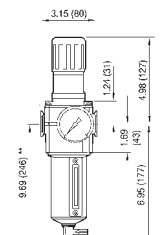
Semi auto Drain
** minimum clearance required to remove bowl



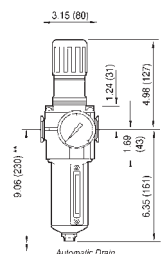
1/4 Turn Manual Drain
** minimum clearance required to remove bowl



Automatic Drain
** minimum clearance required to remove bowl



Manual Drain
** minimum clearance required to remove bowl



Automatic Drain
** minimum clearance required to remove bowl

Sub-Compact with Transparent Bowl

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	80	B72G-2AG	\$204.30	B72G-2MG	\$142.05
3/8"	80	B72G-3AG	207.65	B72G-3MG	146.80

Sub-Compact with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	80	B72G-2AG-MB	\$218.45	B72G-2MG-MB	\$157.95
3/8"	80	B72G-3AG-MB	222.50	B72G-3MG-MB	161.70

Features:

- particle removal per ISO 8573-1, Class 5 and Class 3
- pressure range 5-150 PSI
- in-line or modular installation
- 40 micron element
- 3.5 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- supplied with GC230 gauge
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)

Compact with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	78	B73G-2AG	\$288.30	B73G-2MG	\$215.45
3/8"	123	B73G-3AG	288.30	B73G-3MG	215.45
1/2"	123	B73G-4AG	288.30	B73G-4MG	215.45

Compact with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	78	B73G-2AG-MB	\$297.50	B73G-2MG-MB	\$224.65
3/8"	123	B73G-3AG-MB	294.85	B73G-3MG-MB	224.65
1/2"	123	B73G-4AG-MB	297.50	B73G-4MG-MB	221.70

Features:

- pressure range 5-125 PSI
- 40 micron element
- 7 oz. reservoir
- relieving type
- supplied with GC230 gauge
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)

Standard with Transparent Bowl and Guard

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	163	B74G-3AG	\$342.35	B74G-3MG	\$266.55
1/2"	212	B74G-4AG	339.40	B74G-4MG	263.05
3/4"	212	B74G-6AG	339.40	B74G-6MG	264.20

Standard with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	163	B74G-3AG-MB	\$347.30	B74G-3MG-MB	\$271.30
1/2"	212	B74G-4AG-MB	339.60	B74G-4MG-MB	267.70
3/4"	212	B74G-6AG-MB	372.90	B74G-6MG-MB	267.70

See page 260 for filter/regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.



with transparent bowl



with metal bowl



with transparent bowl



with metal bowl



with guard



with metal bowl

Series 1 Micro-Fog Lubricators

Application:

- Micro-fog lubricators, identified by a red adjusting screw, are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.



- *Micro-fog lubricators cannot be filled under pressure.*

F



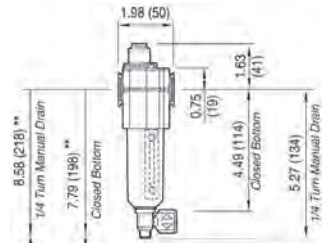
with transparent bowl

Features:

- 2 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Sub-Compact

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	51	L72M-2	\$104.55	L72M-2MB	\$121.00
3/8"	51	L72M-3	108.30	L72M-3MB	124.70



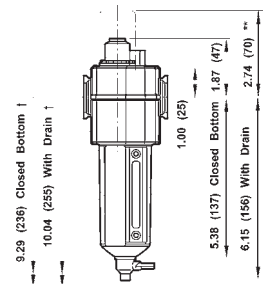
** minimum clearance required to remove bowl

Features:

- 4 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Compact

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	70	L73M-2	\$141.25	L73M-2MB	\$149.05
3/8"	70	L73M-3	141.25	L73M-3MB	149.05
1/2"	70	L73M-4	139.75	L73M-4MB	149.05



with transparent bowl

See pages 258-259 for lubricator accessories. See page 149 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Micro-Fog Lubricators

Application:

- Micro-fog lubricators, identified by a red adjusting screw, are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.

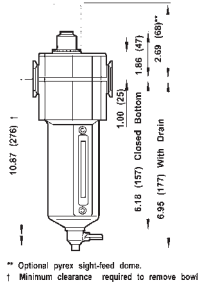


• *Micro-fog lubricators cannot be filled under pressure.*

Features:

- 7 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
 - transparent bowl: **150 PSI** and **125°F**
 - metal bowl: **250 PSI** and **175°F**

Standard



Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	114	L74M-3	\$178.75	L74M-3MB	\$183.55
1/2"	154	L74M-4	175.30	L74M-4MB	180.05
3/4"	142	L74M-6	177.05	L74M-6MB	180.05

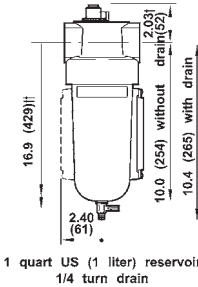


transparent bowl

Features:

- 1 qt. reservoir
- oil level sight gauge
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI** at ambient temperature (70°F)

Jumbo



Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	L17-600A	\$363.35
1"	275	L17-800A	358.15
1 1/4"	275	L17-A00A	430.55
1 1/2"	275	L17-B00A	425.20



metal bowl

Features:

- 2 gallon reservoir
- oil flow can be positively set
- reservoir is ASME constructed
- inlet pressure: **250 PSI** at ambient temperature (70°F)
- oil level sight gauge

Jumbo General Purpose (Oil-Fog Only)



Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
2"	1000	10-076-004	\$5967.90

See pages 258-259 for lubricator accessories.
See page 149 for air tool lubricant.



metal bowl



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Micro-Fog Lubricator with High Pressure Sight Feed Dome

Application:

- Designed for use with alcohol or other anti-freeze agents when units are installed in cold temperature environments.
- Micro-fog lubricators are used for applications containing one or more points of lubrication, cylinders and multiple or single tools.
- Air flow through the lubricator lifts oil from the reservoir to the sight-feed dome. Oil is dropped into the fog generator and atomized into a fine mist. Lightweight particles are delivered downstream for lubrication. Heavier particles fall back into the reservoir.

Features:

- high pressure sight feed dome with aluminum case and fluorocarbon O-rings and seals; high pressure sight glass on bowls and metal petcock drain
- The micro-fog lubricator delivers 10% of the oil drops visible through the transparent sight-feed dome.

F



• *Micro-fog lubricators cannot be filled under pressure.*



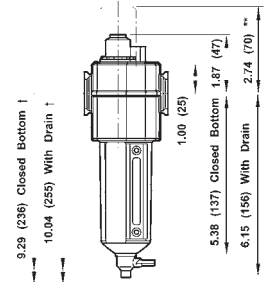
metal bowl

Features:

- 4 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Compact

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
1/4"	60	L73M-2MBPX	\$265.70
3/8"	60	L73M-3MBPX	284.85
1/2"	60	L73M-4MBPX	287.60



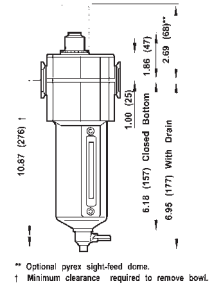
metal bowl

Features:

- 7 oz. reservoir
- in-line or modular installation
- quick release bayonet bowl
- micro-fog design delivers aerosol mist
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

Standard

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
3/8"	114	L74M-3MBPX	\$351.25
1/2"	154	L74M-4MBPX	351.25
3/4"	142	L74M-6MBPX	303.35



** Optional pyrex sight-feed dome.
1 Minimum clearance required to remove bowl.



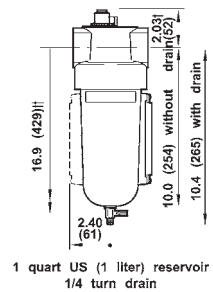
metal bowl

Features:

- 1 qt. reservoir
- oil level sight gauge
- particle removal per ISO 8573-1, class 5 and class 3
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI**

Jumbo

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	L17-600APX	\$354.65
1"	275	L17-800APX	401.20



See pages 258-259 for lubricator accessories. See page 149 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Oil-Fog Lubricators

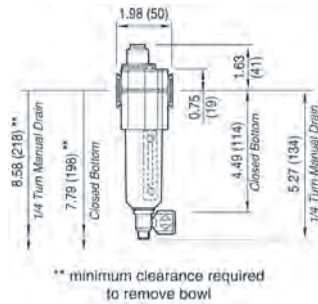
Applications:

- Oil-fog lubricators, identified by a green adjusting screw, are used for lubricating a single air tool or air motor and should be installed as near the device as possible.

Features:

- all the oil visible dropping through the transparent sight-feed dome goes to the airstream
- L72C, L73C and L74C OIL-FOG lubricators can be filled under pressure
- in-line or modular installation
- quick release bayonet bowl
- can be filled under pressure
- recommended lubricants: misting type oil rated 50 to 200 SSU (ISO Grade 7 to 46) at 100°F
- maximum operating conditions:
 - transparent bowl: **150 PSI and 125°F**
 - metal bowl: **250 PSI and 175°F**

F



Feature:

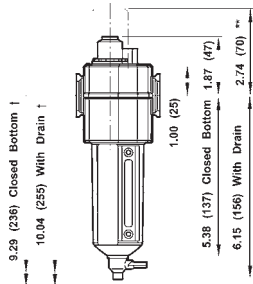
- 2 oz. reservoir

Sub-Compact

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	51	L72C-2	\$104.55	L72C-2MB	\$122.10
3/8"	51	L72C-3	109.35	L72C-3MB	125.90



with transparent bowl



Feature:

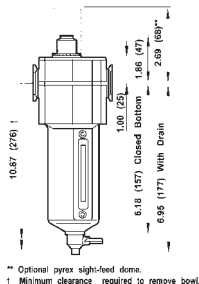
- 4 oz. reservoir

Compact

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	60	L73C-2	\$142.55	L73C-2MB	\$150.50
3/8"	60	L73C-3	142.55	L73C-3MB	151.95
1/2"	60	L73C-4	142.40	L73C-4MB	150.50



with metal bowl



Features:

- 7 oz. reservoir

Standard

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	118	L74C-3	\$180.45	L74C-3MB	\$183.55
1/2"	192	L74C-4	178.75	L74C-4MB	180.95
3/4"	186	L74C-6	178.75	L74C-6MB	183.55



metal bowl

See pages 258-259 for lubricator accessories. See page 149 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Oil-Fog Lubricators

Application:

- Oil-fog lubricators, identified by a green adjusting screw, are used for lubricating a single air tool or air motor and should be installed as close to the device as possible.

Feature:


- All the oil visible dropping through the transparent sight-feed dome goes to the airstream.

F



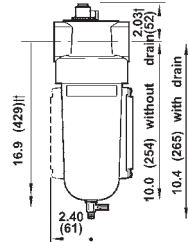
metal bowl

Features:

- 1 qt. reservoir
- oil level sight gauge
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI** at ambient temperature (70°F) 

Jumbo

Metal Bowl with Sight Glass			
Port Size	Flow (SCFM)	Part #	Price/E
3/4"	160	L17-600D	\$363.35
1"	275	L17-800D	363.35
1 1/4"	275	L17-A00D	425.15
1 1/2"	275	L17-B00D	425.20



1 quart US (1 liter) reservoir
1/4 turn drain



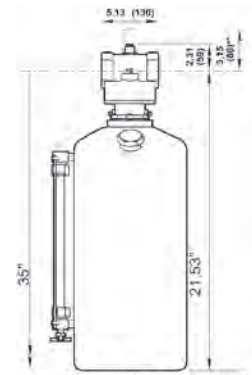
metal bowl

Features:

- 2 gallon reservoir
- oil flow can be positively set
- reservoir is ASME construction
- inlet pressure: **250 PSI** at ambient temperature (70°F)
- oil level sight gauge
- cannot be filled under pressure 

Jumbo General Purpose (Oil-Fog Only)

Metal Bowl with Sight Glass			
Port Size	Flow (SCFM)	Part #	Price/E
2"	1000	10-076-004	\$5967.90



2 and 5 gallon (8 and 20 liter) reservoir
** Optional pyrex sight-feed dome.
† Minimum clearance required to remove bowl.

See pages 258-259 for lubricator accessories. See page 149 for air tool lubricant.




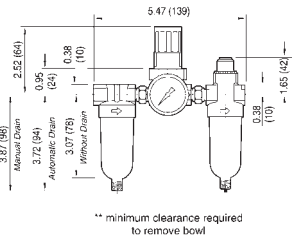
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Combination Units

Application:

- Units are intended for use in industrial compressed air systems only; not for use with fluids. Units must not be used where pressure or temperature may exceed maximum rated operating conditions.
- Combination Units are supplied with micro-fog lubricators.
-  The polycarbonated plastic bowls used on these units can be damaged and possibly burst if exposed to such substances as certain solvents, strong alkalis, compressor oils that contain ester-based additives or synthetic oils. Fumes of these substances in contact with the polycarbonate bowl, externally or internally, can also result in damage. Use metal bowl in applications where a plastic bowl might be exposed to substances that are incompatible with polycarbonates. Clean with warm water only.



Features:

- pressure range 5-125 PSI
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum at ambient temperature (70°F)
- supplied with a GC620 gauge

Miniature Combination Units with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	14	P1A-100A	\$263.80	P1A-100M	\$254.05
1/4"	14	P1A-200A	261.00	P1A-200M	251.45

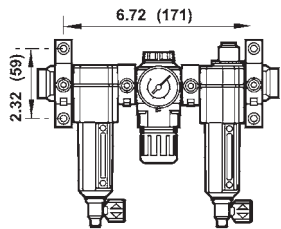


transparent bowls

F

Features:

- pressure range 5-150 PSI
- 2 oz. reservoir
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)
- supplied with a GC620 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4214-52, 2 clamps # 4214-51 and 2 NPT pipe adapters. See modular components on pages 255, 257 and 259 for other options.



Sub-Compact Combination Unit with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	36	E72-2A	\$518.60	E72-2M	\$458.35
3/8"	36	E72-3A	507.40	E72-3M	450.80



metal bowls

Sub-Compact Combination Unit with Metal Bowl

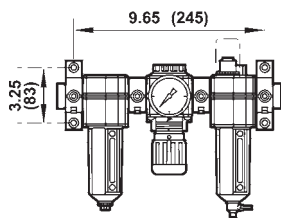
Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	36	E72-2A-MB	\$551.30	E72-2M-MB	\$490.65
3/8"	36	E72-3A-MB	538.75	E72-3M-MB	481.70

Features:

- 5-150 PSI range
- 4 oz. reservoir
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)
- supplied with a G230 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4314-52, 2 clamps # 4314-51 and 2 NPT pipe adapters #4315-01. See modular components on pages 255, 257 and 259 for other options.

Compact Combination Unit with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	70	E73-2A	\$643.70	E73-2M	\$569.60
3/8"	70	E73-3A	642.15	E73-3M	568.05
1/2"	70	E73-4A	641.25	E73-4M	568.35



metal bowls

Compact Combination Unit with Metal Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	70	E73-2A-MB	\$660.70	E73-2M-MB	\$586.65
3/8"	70	E73-3A-MB	659.15	E73-3M-MB	585.10
1/2"	70	E73-4A-MB	661.50	E73-4M-MB	586.80



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Combination Units

Features:

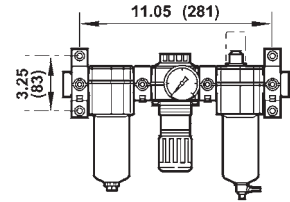
- pressure range 5-150 PSI
- 7 oz. reservoir
- inlet pressure:
 - transparent bowl: **150 PSI** at ambient temperature (70°F)
 - metal bowl: **250 PSI** at ambient temperature (70°F)
- models supplied with a GC230 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4314-52, 2 clamps # 4314-51 and 2 NPT pipe adapters. See modular components on pages 255, 257 and 259 for other options.



transparent bowl with guard

Standard Combination Unit with Transparent Bowl and Guard

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	110	E74-3A	\$782.65	E74-3M	\$709.60
1/2"	150	E74-4A	774.75	E74-4M	703.90
3/4"	140	E74-6A	776.65	E74-6M	703.55



Standard Combination Unit with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	110	E74-3A-MB	\$792.10	E74-3M-MB	\$719.35
1/2"	150	E74-4A-MB	785.20	E74-4M-MB	712.65
3/4"	140	E74-6A-MB	783.10	E74-6M-MB	711.40



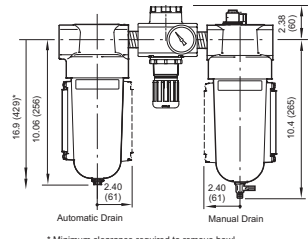
with metal bowls

Features:

- pressure range 5-125 PSI
- 1 qt. reservoir
- inlet pressure: **250 PSI** at ambient temperature (70°F)

Jumbo Combination Unit with Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	160	P8A-660A	\$1145.20	P8A-660M	\$1068.05
1"	275	P8A-860A	1121.85	P8A-860M	1047.50



* Minimum clearance required to remove bowl.

Desiccant Compressed Air Dryers

Application:

- Compressed air dryers help to eliminate condensation at the point of use. A replaceable element filters outlet air to help prevent desiccant dust migration downstream.
- Silica gel desiccant changes color from blue to pink when desiccant replacement is needed. Desiccant can be dried and reused by heating to 275°F, or replaced. Moisture indicator on top of body.
- An after filter should be placed downstream from the desiccant dryer to ensure solid contaminants such as desiccant dust do not migrate downstream.

Features:

- in-line or modular installation
- 1.25 lb. bowl capacity
- quick release bayonet bowl

7 oz. reservoir features:

- uses 1 gel packet
- nominal air drying capacity 750 cubic feet at 100 PSI and 77°F
- maximum inlet pressure: **150 PSI**
- maximum temperature: **175°F**

1 qt. reservoir features:

- uses 5 gel packets
- nominal air drying capacity 6000 cubic feet at 100 PSI and 77°F
- maximum inlet pressure: **250 PSI**
- maximum temperature: **175°F**



7 oz. reservoir

1 qt. reservoir

Sub-Compact

Reservoir Size	Flow (SCFM)	Metal Bowl with Guard	
		Part #	Price/E
7 oz.	5	W74D-2A-MB7	\$282.15
1 qt.	10	W74D-2A-MB32	562.05

See page 254 for silica gel refills.



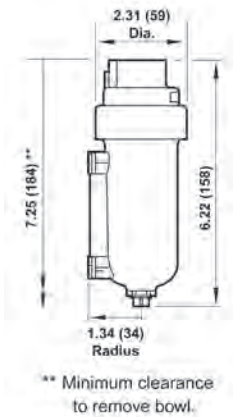
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

Series 1 Drip Leg Automatic Drain

Application:

Used in compressed air systems to automatically expel liquids from piping systems. Installed at low points in piping and at end of pipe network where water is likely to accumulate.



Features:

- metal bowl
- drain is ported to 1/8" NPT
- inlet pressure: **250 PSIG** at ambient temperature (70°F)

Port Size	Part #	Price/E
1/2"	17-016-107	\$295.80



F

Hex Nipples

Feature:

- ref SAE 130137

NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8" x 1/8"	BCN12	\$2.52	100
1/4" x 1/4"	BCN25	2.81	100
3/8" x 3/8"	BCN37	4.09	50
1/2" x 1/2"	BCN50	5.70	25
3/4" x 3/4"	BCN75	7.50	25
1" x 1"	BCN100	18.00	10

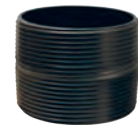


Close Nipples

Features:

- Stainless steel close nipples are available on page 730.
- Brass close nipples are available on page 332.

Size	Carbon Steel Part #	Price/E	Opt Qty
1" x 1"	CN100	\$3.50	10
1 1/4" x 1 1/4"	CN125	4.40	10
1 1/2" x 1 1/2"	CN150	5.50	10
2" x 2"	CN200	7.45	10



Do not use pipe nipples as hose inserts.

Series 1 Filter Accessories

Elements

Used On	Description	Part #	Price/E
F07	5 micron	3652-11	\$26.35
F08	5 micron	3161-16	25.95
	40 micron	3161-18	25.95
F17	5 micron	5311-01	135.65
	25 micron	5311-02	135.65
	40 micron	5311-03	103.65
F18	5 micron	5882-11	368.55
	25 micron	5882-12	365.10
	50 micron	5882-13	365.10
F72	5 micron	5925-03	16.85
	40 micron	5925-02	14.00
F73	5 micron	4438-01	20.45
	40 micron	4438-03	20.25
	5 micron	4338-04	21.35
F74	40 micron	4338-05	17.10
F74C	oil removal filter	4344-01	114.20
F74H	oil removal filter	4344-02	169.30
F74V	vapor removal filter	4341-01	218.45



5 micron element
5925-03

F

Silica Gel Refills

Used On	Description	Part #	Price/E
W74D	5 silica gel refills, .25 lb. ea	4385-700	\$218.75

Bowls and Bowl Guards

Used On	Description	Part #	Price/E
F07	polycarbonate bowl with auto drain	3646-51	\$36.55
	polycarbonate bowl with manual drain	3646-53	24.85
F08	transparent bowl with manual drain	3776-50	95.05
F17	metal bowl with drain	5390-77	258.80
F72	transparent bowl with manual drain	4266-50RF	46.25
	transparent bowl with semi-automatic drain	4266-52RF	63.00
F73	transparent bowl with manual drain, ¼ turn	4425-50RF	67.30
	transparent bowl with auto drain	4425-51RF	171.05
F74	plastic bowl assembly with guard and ¼ turn manual drain	4325-51R	63.65
	plastic bowl assembly with guard and automatic drain	4325-52R	160.70



transparent bowl and guard
4325-51R

Auto and Manual Drains

Used On	Description	Part #	Price/E
F08, F17	auto drain	3000-10	\$82.45
	manual drain assembly	2796-52	18.25
F72, F73	auto drain	4000-51R	42.35
F74	auto drain	3000-10	82.45
F72, F73, F74	manual drain	619-50	15.35



auto drain
3000-10

Lens Kits

Used On	Description	Part #	Price/E
F72	liquid level lens kit	4380-020	\$22.00
F73	liquid level lens kit	4380-030	22.40
F74	high pressure dome sight glass kit	4380-051	34.55



liquid level lens kit
4380-030

Series 1 Filter Accessories

Indicator Conversion Kit

Features:

- allows addition of service life indicator in the field
- for general purpose and oil removal filters

Used On	Description	Part #	Price/E
F72, F73, F74	service life indicator	5797-50	\$78.70



service life indicator

Mounting Brackets

Used On	Description	Part #	Price/E
F07	mounting bracket only	5939-06	\$16.20
F08	mounting bracket only	3783-52	58.00
F17	mounting bracket kit for 3/4" and 1" ported units	6212-50	126.40

mounting bracket
6212-50

Wall Mounting Brackets

Features:

- alternate to quick-clamps and pipe adapters
- used to secure to a wall, machine panel or other flat surface
- Use close nipples on page 267 to connect combination unit and then place in bracket.

Used On	Description	Part #	Price/E
F72	wall mounting bracket for all F72 series	4224-50	\$22.00
F73	wall mounting bracket for all F73 series	4424-50	20.65
F74	wall mounting bracket for all F74 series	4324-50	27.55



4324-50

Quick Clamps and Brackets

Features:

Quick-clamp

- provides modular installation capability
- flanges designated to slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

- provides secure mounting to a wall, machine panel or other flat surface

Used On	Description	Part #	Price/E
F72	quick-clamp	4214-51	\$19.80
	quick-clamp service kit (2 O-rings)	4384-570	14.00
	quick-clamp and bracket assembly	4214-52	25.55
F73, F74	quick-clamp	4314-51	20.70
	quick-clamp service kit (2 O-rings)	4384-770	15.50
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	16.80
	quick-clamp and bracket assembly	4314-52	31.60



quick-clamp

bracket



quick-clamp with bracket

Blocks

Features:

- installed with quick-clamps
- provides additional outlets and manifolding capability

Used On	Description	Part #	Price/E
F73, F74	porting block, three 1/4" PTF outlets	4316-50	\$43.05
	manifold block, three 3/4" PTF outlets	4328-50	85.55



porting block

manifold block

Adapters

Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually

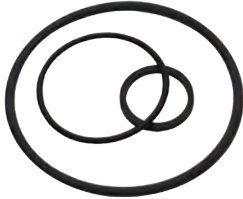
Used On	Description	Part #	Price/E
F72	1/4" PTF connections	4215-02	\$34.70
	3/8" PTF connections	4215-03	22.70
F73, F74	1/4" PTF connections	4315-01	29.50
	3/8" PTF connections	4315-02	28.95
	1/2" PTF connections	4315-03	30.35
	3/4" PTF connections	4315-04	28.95



pipe adapters

Series 1 Filter Accessories

Service Kits



4380-700

Used On	Description	Part #	Price/E
F17	O-rings, seals, and gaskets	5578-05	\$37.80
F18		5945-50	47.10
F73		4380-600	14.20
F74		4380-700	15.20

F

Series 1 Regulator Accessories

Replacement Springs



4432-02

Used On	Pressure Ratings	Part #	Price/E
R74	5-60 PSI	4332-01	\$15.05
	5-150 PSI	4332-02	15.05

Tamper Resistant Cover and Seal Wire

Features:

- helps prevent unauthorized pressure adjustment setting
- cover can be locked in place with up to four padlocks
- installs on adjusting knob



tamper resistant cover

Used On	Description	Part #	Price/E
R72	tamper proof kit	4255-51	\$18.45
R73	tamper proof kit	4455-51	24.25
R74	tamper proof kit	4355-51	24.00

Panel Nuts



panel nut

Used On	Description	Part #	Price/E
R07	plastic panel nut	2962-89	\$9.00
R08	plastic panel nut	5191-89	17.95
R17	metal panel nut	5226-97	38.35
R72	plastic panel nut	4248-89	11.25
R73	zinc panel nut	5191-88	13.00
R74	zinc panel nut	4348-89	11.20

Repair Kits



3407-02



4381-700

Used On	Description	Part #	Price/E
R07	diaphragm, relieving	3407-02	\$31.80
R08		5298-14	78.80
R11		529-03	125.05
R17		5578-02	109.85
R72		4381-500	27.25
R73		4381-600	41.10
R74		4381-700	47.10

Series 1 Regulator Accessories

Mounting Brackets

Used On	Description	Part #	Price/E
R07	mounting bracket with plastic panel nut	18-025-003	\$19.25
R08	mounting bracket with plastic panel nut	5203-06	36.00
R17	mounting bracket with plastic panel nut	5570-04	48.95



18-025-003



5203-06

Features:

- alternate to quick-clamps and pipe adapters
- used to secure to a wall, machine panel or other flat surface
- Use close nipples to connect combination unit and then place in bracket.

Wall Mounting Brackets

Used On	Description	Part #	Price/E
R72	wall mounting bracket	4224-50	\$22.00
R73	wall mounting bracket	4424-50	20.65
R74	wall mounting bracket	4324-50	27.55



4324-50

Features:

Quick-clamp

- provides modular installation capability
- flanges designated to slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

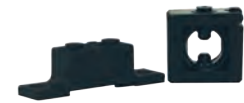
- provides secure mounting to a wall, machine panel or other flat surface

Used On	Description	Part #	Price/E
R72	quick-clamp	4214-51	\$19.80
	quick-clamp service kit (2 O-rings)	4384-570	14.00
	quick-clamp and bracket assembly	4214-52	25.55
R73, R74	quick-clamp	4314-51	20.70
	quick-clamp service kit (2 O-rings)	4384-770	15.50
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	16.80
	quick-clamp and bracket assembly	4314-52	31.60



quick-clamp

bracket



quick-clamp with bracket

Blocks

Features:

- installed with quick-clamps
- provides additional outlets and manifolding capability

Used On	Description	Part #	Price/E
R73, R74	porting block, three 1/4" PTF outlets	4316-50	\$43.05
	manifold block, three 3/4" PTF outlets	4328-50	85.55



porting block

manifold block

Adapters

Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually

Used On	Description	Part #	Price/E
R72	1/4" PTF connections	4215-02	\$34.70
	3/8" PTF connections	4215-03	22.70
R73, R74	1/4" PTF connections	4315-01	29.50
	3/8" PTF connections	4315-02	28.95
	1/2" PTF connections	4315-03	30.35
	3/4" PTF connections	4315-04	28.95



pipe adapter

see page 269 for replacement gauges

Series 1 Lubricator Accessories

Bowls and Bowl Guards



3646-54

Used On	Description	Part #	Price/E
L07	polycarbonate bowl with manual drain	3646-54	\$22.35
L73	transparent bowl with manual drain	4425-50RL	76.45
L74	metal bowl with Pyrex® liquid level indicator and ¼ turn manual drain	4303-77R	136.30
	transparent bowl with manual drain	4325-50R	64.35

Auto and Manual Drain



2796-52

Used On	Description	Part #	Price/E
L08, L17	manual drain assembly	2796-52	\$18.25

Seal Wire

Features:

- provides tamper resistant protection of the lubricator drip rate setting



seal wire

Used On	Description	Part #	Price/E
L73, L74	metal wire	2117-01	\$16.40

Domes, Caps and Plugs



18-011-021



5605-50

Used On	Description	Part #	Price/E
L08	quick fill cap	18-011-024	\$32.00
L17, L74	quick fill cap	18-011-021	45.35
L73, L74	aluminum fill plug	5301-55	14.80
L17, L72, L74, L73	sight feed dome (micro-fogging design)	4055-50	31.70
	sight feed dome (oil-fogging design)	4055-51	31.55
L72, L74	high pressure sight feed dome	5605-50	179.80
L74	liquid level indicator repair kit	4380-050	34.80

Seal Kits



5771-02

Used On	Description	Part #	Price/E
L17	O-rings, seals, and gaskets	5771-02	\$15.80
L73	O-rings, seals, and gaskets	4382-600	16.35
L74	O-rings, seals, and gaskets	4382-700	14.00

Mounting Brackets

mounting bracket
6212-50

Used On	Description	Part #	Price/E
L07	mounting bracket only	5095-17	\$16.95
L08	mounting bracket only	3783-52	58.00
L17	mounting bracket kit for ¾" and 1" ported units	6212-50	126.40

Series 1 Lubricator Accessories

Wall Mounting Brackets

Application:

- alternative to quick-clamps and pipe adapters
- used to secure to a wall, machine panel or other flat surface
- Use close nipples to connect combination unit and then place in bracket.

Used On	Description	Part #	Price/E
L72	wall mounting bracket for all L72 series	4224-50	\$22.00
L73	wall mounting bracket for all L73 series	4424-50	20.65
L74	wall mounting bracket for L74 series	4324-50	27.55



4324-50

F

Quick Clamps and Brackets

Features:
Quick-clamp

- provides modular installation capability
- flanges designated to slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened

Bracket for quick-clamp

- provides secure mounting to a wall, machine panel or other flat surface

Used On	Description	Part #	Price/E
L72	quick-clamp	4214-51	\$19.80
	quick-clamp service kit (2 O-rings)	4384-570	14.00
	quick-clamp and bracket assembly	4214-52	25.55
L73, L74	quick-clamp	4314-51	20.70
	quick-clamp service kit (2 O-rings)	4384-770	15.50
	wall bracket for quick-clamp (uses 7/32" screws)	4313-50	16.80
	quick-clamp and bracket assembly	4314-52	31.60



quick-clamp



bracket



quick-clamp with bracket

Blocks

Features:

- installed with quick-clamps
- provides additional outlets and manifolding capability

Used On	Description	Part #	Price/E
L73, L74	porting block, three 1/4" PTF outlets	4316-50	\$43.05
	manifold block, three 3/4" PTF outlets	4328-50	85.55



porting block



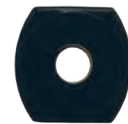
manifold block

Adapters

Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually

Used On	Description	Part #	Price/E
L72	1/4" PTF connections	4215-02	\$34.70
	3/8" PTF connections	4215-03	22.70
L73, L74	1/4" PTF connections	4315-01	29.50
	3/8" PTF connections	4315-02	28.95
	1/2" PTF connections	4315-03	30.35
	3/4" PTF connections	4315-04	28.95



pipe adapter

Series 1 Filter/Regulator Accessories

Bowls and Bowl Guards



4325-51R

Used On	Description	Part #	Price/E
B74	transparent bowl with manual drain	4325-51R	\$63.65
	transparent bowl with auto drain	4325-52R	160.70

Tamper Resistant Cover and Seal Wire

Features:

- helps prevent unauthorized pressure setting adjustment
- cover can be locked in place with up to four padlocks
- installs on adjusting knob



tamper resistant cover

Used On	Description	Part #	Price/E
B72	tamper proof kit	4255-51	\$18.45
B73	tamper proof kit	4455-51	24.25
B74	tamper proof kit	4355-51	24.00

Panel Nuts



panel nut

Used On	Description	Part #	Price/E
B08	plastic panel nut	5191-89	\$17.95
B72	plastic panel nut	4248-89	11.25
B73	zinc panel nut	5191-88	13.00
B74	zinc panel nut	4348-89	11.20

Mounting Brackets

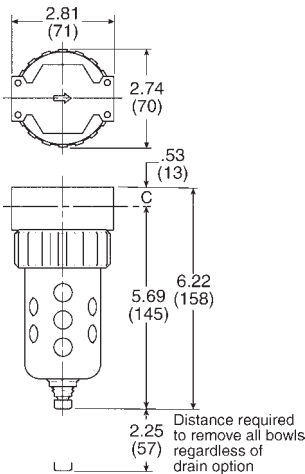


18-025-003

Used On	Description	Part #	Price/E
B07	mounting bracket	18-025-003	\$19.25
B08	mounting bracket kit	5203-06	36.00

See page 269 for replacement gauges.

Watts Filters

**Features:**

- 40 micron polypropylene element
- 4.4 oz. bowl
- zinc body
- maximum operating:
 - temperature range: **40°F** (4.4°C) to **125°F** (52°C)
 - maximum pressure: **150 PSIG** (10.2 bar)

Compact Polycarbonate Bowl with Plastic Bowl Guard

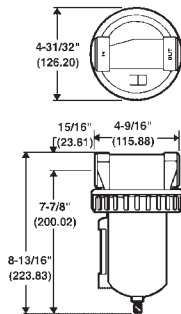
Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	53	F602-02BJR	\$177.75	F602-02BJ	\$117.50
⅜"	80	F602-03BJR	177.75	F602-03BJ	117.50
½"	85	F602-04BJR	177.75	F602-04BJ	117.50



F

Features:

- 40 micron polypropylene element
- 16 oz. bowl
- zinc body
- automatic drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
 - maximum operating: **175 PSIG** (12 bar)
- manual drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - maximum operating: **250 PSIG** (17 bar)

**Standard Zinc Bowl with Sight Glass**

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¾"	250	F602-06WJR	\$374.65	F602-06WJ	\$314.40
1"	340	F602-08WJR	374.65	F602-08WJ	314.40



See page 266 for filter accessories.



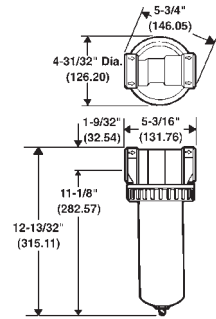
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Filters

Features:

- 40 micron polypropylene element
- 16 oz. bowl
- zinc body
- automatic drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
 - pressure: **175 PSIG** (12 bar) maximum
- manual drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - pressure: **250 PSIG** (17 bar) maximum

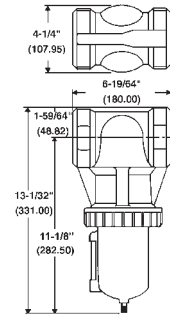


Standard Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1 1/2"	380	F602-12WJR	\$438.80	F602-12WJ	\$378.55

Features:

- 40 micron polypropylene element
- 26 oz. bowl
- aluminum body
- automatic drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
 - maximum operating pressure: **175 PSIG** (12 bar)
- manual drain operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - maximum operating pressure: **250 PSIG** (17 bar)



Standard Zinc Bowl with Sight Glass

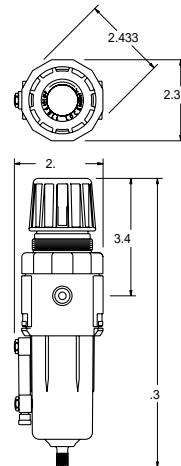
Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
2"	1125	F602-16WJR	\$1253.45	F602-16WJ	\$1193.20

See page 266 for filter accessories.

Watts Filter / Regulator

Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- 40 micron filter
- 4 oz. bowl
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- glass-filled acetal plastic spring cage
- tamper resistant, snap lock, removable knobs
- uses a GC230 gauge (not supplied)



Zinc Bowl with Sight Glass

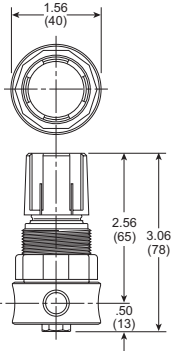
Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	60	B11-02WJCR	\$282.65	B11-02WJC	\$222.40
3/8"	70	B11-03WJCR	282.65	B11-03WJC	222.40
1/2"	80	B11-04WJCR	282.65	B11-04WJC	222.40



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Regulators

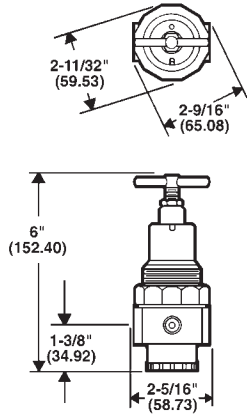


Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- brass body
- relieving type
- diaphragm operated
- non-rising adjusting knob
- 1/8" gauge port

Mini

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	10	R364-02CG	\$78.00	R364-02C	\$57.30

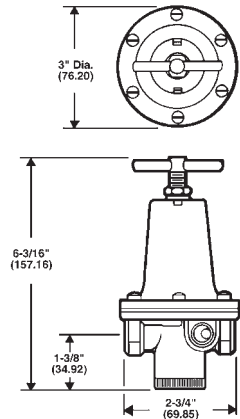


Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- uses a GC230 gauge

Compact

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	60	R11-02CG	\$125.65	R11-02C	\$104.95
3/8"	70	R11-03CG	125.65	R11-03C	104.95
1/2"	80	R11-04CG	125.65	R11-04C	104.95

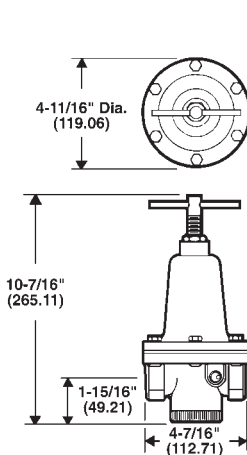


Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- brass bottom plug
- aluminum spring cage
- uses a GC230 gauge

Standard

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	60	R119-02CG	\$147.95	R119-02C	\$127.25
3/8"	80	R119-03CG	147.95	R119-03C	127.25
1/2"	100	R119-04CG	172.20	R119-04C	151.50



Features:

- pressure range **2 - 125 PSIG** (.15 - 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: **40°F** (4.4°C) to **120°F** (48.9°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- acetal bottom plug
- aluminum spring cage
- uses a GC230 gauge

Standard

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	200	R119-06CG	\$268.30	R119-06C	\$247.60
1"	220	R119-08CG	268.30	R119-08C	247.60
1 1/2"	250	R119-12CG	332.75	R119-12C	312.05



See page 267 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Lubricators

General Features:

- general purpose use
- high performance over a very wide flow range
- ¼", 1" and 1½" are fillable while under pressure

F

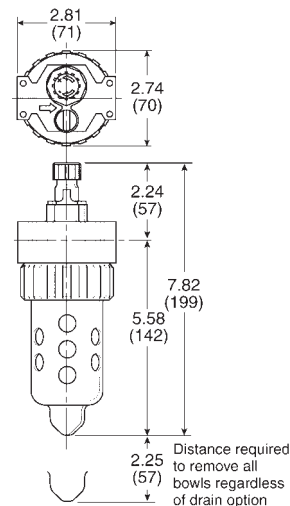


Features:

- 2.6 oz. bowl
- zinc body
- micromist
- maximum operating conditions:
 - temperature range: **40°F** (4.4°C) to **125°F** (52°C)
 - maximum operating pressure: **150 PSIG** (10.2 bar)

Compact

Size	Flow (SCFM)	Polycarbonate Bowl with Plastic Bowl Guard	
		Part #	Price/E
¼"	40	L606-02B	\$145.50
⅜"	60	L606-03B	145.50
½"	90	L606-04B	142.70

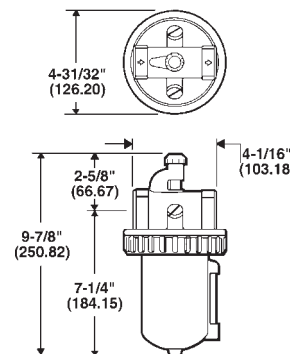


Features:

- 16 oz. bowl
- zinc body
- maximum operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - maximum operating pressure: **250 PSIG** (17 bar)

Standard

Size	Flow (SCFM)	Zinc Bowl with Sight Glass	
		Part #	Price/E
¾"	275	L606-06W	\$322.15
1"	320	L606-08W	322.15

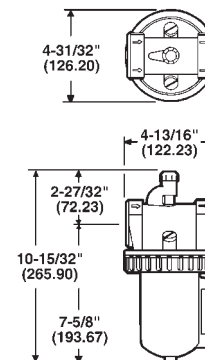


Features:

- 16 oz. bowl
- zinc body
- maximum operating conditions:
 - temperature range: **40°F** (4.4°C) to **150°F** (65.6°C)
 - maximum operating pressure: **250 PSIG** (17 bar)

Standard

Size	Flow (SCFM)	Zinc Bowl with Sight Glass	
		Part #	Price/E
1½"	550	L606-12W	\$383.65



See page 267 for lubricator accessories. See page 149 for air tool lubricant.

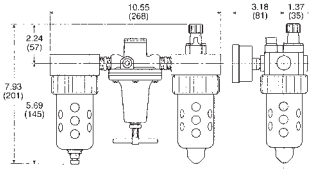
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Combination Units

Features:

- 4.5 oz. bowl
- 40 micron polypropylene element
- zinc body
- maximum operating conditions:
 - temperature range: **40°F (4.4°C) to 120°F (48.9°C)**
 - maximum operating pressure: **150 PSIG (10.2 bar)**



Compact Polycarbonate Bowl with Plastic Bowl Guard

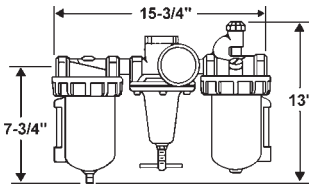
Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	40	C11-02A	\$494.65	C11-02M	\$434.40
3/8"	60	C11-03A	497.35	C11-03M	437.10
1/2"	85	C119-04A	544.25	C119-04M	484.00



F

Features:

- 16 oz. bowl
- 40 micron polypropylene element
- zinc body
- maximum operating conditions:
 - temperature range: **40°F (4.4°C) to 150°F (65.6°C)**
 - maximum operating pressure: **250 PSIG (17 bar)**



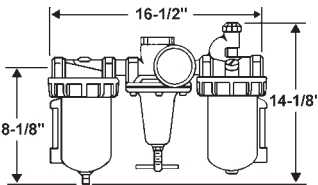
Standard Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/4"	275	C119-06AMB	\$1020.10	C119-06MMB	\$959.85
1"	320	C119-08AMB	1012.10	C119-08MMB	951.85



Features:

- 16 oz. bowl
- 40 micron polypropylene element
- zinc body
- maximum operating conditions:
 - temperature range: **40°F (4.4°C) to 150°F (65.6°C)**
 - maximum operating pressure: **250 PSIG (17 bar)**



Standard Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1 1/2"	550	C119-12AMB	\$1206.20	C119-12MMB	\$1145.95



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

Watts Filter Accessories

Elements

Used On	Description	Part #	Price/E
F602-02, F602-03	5 micron	EK602VY	\$27.25
F602-02, F602-03	40 micron	EK602Y	27.25
F602-04	5 micron	EK602VA	42.50
F602-04	40 micron	EK602A	42.50
F602-06, F602-08, F602-12	5 micron	EK602VB	72.30
F602-06, F602-08, F602-12	40 micron	EK602B	72.30
F602-16	40 micron	EK602G	85.35

F



Bowls and Sight Glass Repair Kit

Used On	Description	Part #	Price/E
F602-02 F602-03	polycarbonate bowl	BK602Y	\$65.60
F602-04	polycarbonate bowl with plastic bowl guard	BK602A	86.15



Auto and Manual Drains

Used On	Description	Part #	Price/E
F602	internal auto drain	SA602MD	\$70.65
F602	internal auto drain repair kit	RK602MD	32.75
F602	manual drain	SA600Y7-1	5.70



Accessories

Used On	Description	Part #	Price/E
F602 (compact)	mounting bracket	SAF602-0571	\$19.60
F602 (standard)	mounting bracket	SAF602-0572	29.40
F602 3/4"	mounting bracket (2 required)	SA200AW57	29.20
F602 1"	mounting bracket (2 required)	SA200CW57	29.20



Watts Regulator Accessories

Repair Kits

Used On	Description	Part #	Price/E
R11	relieving diaphragm, valve assembly	RKR10Y	\$45.05
R119-02		RK119Y	48.55
R119-03		RK119A	59.90
R119-04		RK119B	107.30
R119-06		RK119D	110.80
R119-08		RKR164Y	32.85
R119-12			
R364-02			



repair kit
RK119B

F

Accessories

Used On	Description	Part #	Price/E
R11	mounting bracket with panel nut	SAR10Y57	\$15.50
R119-02	mounting bracket	SA15Y57	17.05
R119-03		18A57	19.75
R119-04	mounting bracket	18B57	50.00
R119-06			
R119-08			
R119-12			
R364-02	mounting bracket with panel nut	SA161X57	14.70



mounting bracket
SAR10Y57



mounting bracket
SA15Y57

Watts Lubricator Accessories

Sight Glass Repair Kit

Used On	Description	Part #	Price/E
L606-06	sight glass	RKB605WB	\$25.05
L606-08			
L606-12			



sight glass

Accessories

Used On	Description	Part #	Price/E
L606-02	mounting bracket	PS743	\$19.05
L606-03			
L606-04			
L606-06	mounting bracket (2 required)	SA200AW57	29.20
L606-08	mounting bracket (2 required)	SA200CW57	29.20



mounting bracket
SA200AW57

Dixon Gauges

Applications:

All of the gauges supplied by Dixon are designed for long, reliable service under rugged conditions. Typical applications include those on pumps, hydraulic and pneumatic systems, compressors, machine tools and many other installations where it is necessary to have a gauge with a non-corrosive movement. The gauges available include standard dry and liquid-filled pressure gauges, compound pressure gauges, vacuum gauges and welding gauges. Materials available include brass, stainless steel and plastic.

Fig. Inter. - Figure Interval. (Increments between PSI numbers on gauge face.)

Grad. Inter. - Graduation Interval. (Fractional increments between PSI numbers on gauge face.)

Brass Standard Dry Gauges

Features:

- ASME B40.1 Grade B ($\pm 3/2/3\%$ accuracy)
- polished brass case and ring
- copper alloy bourdon tube
- dual PSI / kPa scale dial
- temperature range **-40°F to 140°F**



2½" face
¼" lower mount

PSI Range	Fig. Inter.	Grad. Inter.	Part #	Price/E
0-15	3	.2	GBR15	\$52.35
0-30	5	.5	GBR30	52.35
0-60	10	1	GBR60	52.35
0-100	20	2	GBR100	52.35
0-160	20	2	GBR160	52.35
0-200	50	5	GBR200	52.35
0-300	50	5	GBR300	52.35
0-400	100	10	GBR400	52.35
0-600	100	10	GBR600	52.35
0-1000	200	20	GBR1000	61.30
0-1500	300	20	GBR1500	61.30
0-2000	500	50	GBR2000	61.30
0-3000	500	50	GBR3000	61.30
0-5000	1000	100	GBR5000	66.15

Process Gauges

Applications:

Specifically designed for process, chemical and petroleum industries. Process gauges are engineered to deliver years of accurate service while withstanding vibration, corrosive media and corrosive atmosphere.

Features:

- temperature range: dry **-40°F to 200°F** (-40°C to 93°C)
- case: black impact resistant thermoplastic, with safety blowout back, solid front, integral back flange (dry)
- ring: ethylene propylene
- wetted parts: 316L stainless steel
- window: polycarbonate
- dial: white aluminum
- pointer: black aluminum
- accuracy: $\pm 0.5\%$ ANSI/ASME Grade 2A
- scale: single scale PSI only



4½" face
½" lower mount

PSI Range	Fig. Inter.	Grad. Inter.	Part #	Price/E
0-30	5	.2	PGS30	\$177.60
0-60	10	.5	PGS60	177.60
0-100	10	1	PGS100	177.60
0-160	20	1	PGS160	177.60
0-200	20	2	PGS200	177.60
0-300	50	2	PGS300	177.60
0-600	10	5	PGS600	177.60
0-1000	100	10	PGS1000	177.60

ABS Standard Dry Gauges

Features:

- ASME B40.1, Grade B ($\pm 3-2-3\%$ accuracy)
- PowerFlex™ movement with polyester segment, designed to resist the effects of shock, vibration and pulsation.
- ABS plastic case
- c-shaped bronze safety bourdon tube (600 PSI and lower)
- helical wound bronze safety bourdon tube (1000 PSI and higher)
- polycarbonate crystal
- black aluminum pointer
- temperature range: **-40°F to 150°F**

Center Back Mount

1½" face ⅛" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-30	5	.5	GC605	\$16.70
0-60	5	1	GC610	16.70
0-100	10	2	GC615	16.70
0-160	20	5	GC620	16.70
0-200	20	5	GC625	16.70

2" face ¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GC200	\$22.20
0-30	5	.5	GC215	20.70
0-60	5	1	GC220	20.70
0-100	10	2	GC225	20.70
0-160	20	5	GC230	20.70
0-200	20	5	GC235	20.70
0-300	30	5	GC240	20.70



GC230

Lower Mount

2" face ¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL100	\$19.20
0-30	5	.5	GL115	17.75
0-60	5	1	GL120	17.75
0-100	10	2	GL125	17.75
0-160	20	5	GL130	17.75
0-200	20	5	GL135	17.75
0-300	30	5	GL140	17.75

2½" face ¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL300	\$20.40
0-30	5	.5	GL320	18.95
0-60	5	1	GL325	18.95
0-100	10	2	GL330	18.95
0-160	20	5	GL335	18.95
0-200	20	5	GL340	18.95
0-300	30	5	GL345	18.95
0-400	50	10	GL347	18.95
0-600	50	10	GL350	18.95
0-1000	200	20	GL355	28.10
0-1500	300	50	GL360	28.10
0-2000	400	50	GL365	28.10
0-3000	500	100	GL370	28.10
0-5000	1000	100	GL375	28.10



GL140

3½" face ¼" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GS15-4	\$28.10
0-30	5	.5	GS30-4	26.60
0-60	5	1	GS60-4	26.60
0-100	10	2	GS100-4	26.60
0-160	20	5	GS160-4	26.60
0-200	20	5	GS200-4	26.60
0-300	30	5	GS300-4	26.60
0-400	50	10	GS400-4	26.60
0-600	50	10	GS600-4	26.60
0-1000	200	20	GS1000-4	36.95

Contractor Pressure Gauges

Features:

- accuracy class: $\pm 1\%$ of span
- wetted parts: copper alloy
- window: acrylic, snap in



4277768-0001

- dial: aluminum, white
- pointer: aluminum, black, adjustable
- mounting flanged/bracket; rear flange: stainless steel
- case: stainless steel

4½" face

¼" lower mount

PSI Range	Part #	Price/E
0-15	4277750-0001	\$71.60
0-30	4277768-0001	71.60
0-60	4277776-0003	71.60

F

FlutterGuard™ Dry Gauges

Features:

- FlutterGuard™ virtually eliminates pointer flutter, making the gauge easier to read and reducing excessive movement wear. Liquid-free casing results in lighter weight and eliminates the chance of gauge leakage.
- ASME B40.1, Grade B ($\pm 3-2-3\%$ accuracy)
- ABS plastic case
- C-shaped bronze safety bourdon tube (600 PSI gauges and lower)
- helical wound bronze safety bourdon tube (1000 PSI gauges and higher)
- polycarbonate crystal
- black aluminum pointer
- PowerFlex™ movement with polyester segment, designed to resist the effects of shock, vibration and pulsation.
- ambient temperature range of **-40°F to 150°F**



GL350FG

2½" face

¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	GL300FG	\$22.20
0-30	5	.5	GL320FG	20.70
0-60	5	1	GL325FG	20.70
0-100	10	2	GL330FG	20.70
0-160	20	5	GL335FG	20.70
0-200	20	5	GL340FG	20.70
0-300	30	5	GL345FG	20.70
0-400	50	10	GL347FG	20.70
0-600	50	10	GL350FG	20.70
0-1000	200	20	GL355FG	29.85
0-1500	300	50	GL360FG	29.85
0-2000	400	50	GL365FG	29.85
0-3000	500	100	GL370FG	29.85
0-5000	1000	100	GL375FG	29.85

Stainless Panel Builder Gauges

Applications:

- fits industry standard 2.56" panel hole cutout
- suitable for corrosive environments
- used in gaseous and liquid media

Features:

- ASME B40.100 Grade A 2/1/2% full scale accuracy
- 316L stainless steel wetted parts
- white aluminum with black lettering; stop pin
- black aluminum pointer
- glycerin filled case
- laminated safety glass window lens
- temperature range: **-4°F to 140°F**
- maximum media temperature **212°F** maximum



PBLSS200

2½" face

¼" lower back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	PBLSS15	\$151.60
0-30	5	.5	PBLSS30	151.60
0-60	10	1	PBLSS60	151.60
0-100	20	2	PBLSS100	151.60
0-160	20	2	PBLSS160	151.60
0-200	50	5	PBLSS200	151.60
0-300	50	5	PBLSS300	151.60
0-400	100	10	PBLSS400	151.60
0-600	100	10	PBLSS600	151.60
0-800	200	20	PBLSS800	151.60
0-1000	200	20	PBLSS1000	151.60
0-1500	300	20	PBLSS1500	151.60
0-2000	500	50	PBLSS2000	151.60
0-3000	500	50	PBLSS3000	151.60
0-5000	1000	100	PBLSS5000	151.60

Stainless Steel Dry Gauges

Applications:

Stainless steel gauges provide the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

1/4" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GSS15	\$104.15
0-30	5	.5	GSS30	104.15
0-60	10	1	GSS60	104.15
0-100	20	2	GSS100	104.15
0-160	20	2	GSS160	104.15
0-200	50	5	GSS200	104.15
0-300	50	5	GSS300	104.15
0-400	100	10	GSS400	104.15
0-600	100	10	GSS600	104.15
0-1000	200	20	GSS1000	104.15
0-1500	300	20	GSS1500	115.30
0-2000	500	50	GSS2000	115.30
0-3000	500	50	GSS3000	115.30
0-5000	1000	100	GSS5000	115.30
0-10000	2000	200	GSS10000	119.00

2 1/2" face

Features:

- 2-1-2% accuracy
- 304 stainless steel case with stainless crimp ring
- polycarbonate window
- 1/4" lower mount stainless connector
- 316 stainless bourdon tube and socket
- temperature range: **-40°F to 140°F**



GSS100

1/4" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.5	GSS15-4	\$164.00
0-30	5	.5	GSS30-4	164.00
0-60	10	1	GSS60-4	164.00
0-100	20	2	GSS100-4	164.00
0-160	20	2	GSS160-4	164.00
0-200	40	5	GSS200-4	164.00
0-300	50	5	GSS300-4	164.00
0-400	50	10	GSS400-4	164.00
0-600	100	10	GSS600-4	164.00
0-1000	200	10	GSS1000-4	164.00
0-1500	200	20	GSS1500-4	164.00
0-2000	400	20	GSS2000-4	164.00
0-3000	500	50	GSS3000-4	164.00
0-5000	1000	100	GSS5000-4	164.00
0-10000	2000	200	GSS10000-4	179.50

3 1/2" face

Features:

- 3-2-3% accuracy
- 316 series stainless solid back case
- polycarbonate window
- 1/4" lower mount stainless connector
- 316 stainless bourdon tube and socket, polyester segment
- temperature range: **-40°F to 140°F**



GSS160-4

Stainless Steel Liquid Filled Gauges

Applications:

Stainless steel gauges provides the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

2 1/2" face 1/4" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLSS15	\$112.40
0-30	5	.5	GLSS30	112.40
0-60	10	1	GLSS60	112.40
0-100	20	2	GLSS100	112.40
0-160	20	2	GLSS160	112.40
0-200	50	5	GLSS200	112.40
0-300	50	5	GLSS300	112.40
0-400	100	10	GLSS400	112.40
0-600	100	10	GLSS600	112.40
0-1000	200	20	GLSS1000	112.40
0-1500	300	20	GLSS1500	112.40
0-2000	500	50	GLSS2000	112.40
0-3000	500	50	GLSS3000	112.40
0-5000	1000	100	GLSS5000	112.40
0-10000	2000	200	GLSS10000	112.40

Features:

- 2-1-2% accuracy
- 2 1/2" 304 series stainless case with stainless crimp ring
- polycarbonate window
- 1/4" lower mount stainless connector
- 304 stainless case with stainless crimp ring
- glycerin filled
- temperature range: **-4°F to 140°F**



GLSS1500

All Stainless Steel Liquid Filled Gauges

Applications:

Stainless steel gauges provide the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

Features:

- 2-1-2% accuracy
- 2½" 304 series stainless case with stainless crimp ring
- polycarbonate window
- ¼" center back mount stainless connector
- 304 stainless case with stainless crimp ring
- glycerin filled
- temperature range: -4°F to 140°F



2½" face
¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-100	20	2	GLSSC100	\$151.00
0-160	20	2	GLSSC160	151.00
0-200	50	5	GLSSC200	151.00

Brass Liquid Filled Gauges

Features:

- 2-1-2% accuracy on 2½"; 1% accuracy on 4"
- acrylic window with membrane assembly
- copper alloy bourdon tube
- brass movement with highly polished bearing surfaces
- glycerin filled
- 2½" face gauges: solid cast brass case with polished brass slip-fit ring
- 4" face gauges: cast brass, silver painted case with chrome plated brass ring
- temperature range: -4°F to 140°F



GLBR200-4

2½" face
¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBR15	\$115.60
0-30	5	.5	GLBR30	115.60
0-60	10	1	GLBR60	115.60
0-100	20	2	GLBR100	115.60
0-160	20	2	GLBR160	115.60
0-200	50	5	GLBR200	115.60
0-300	50	5	GLBR300	115.60
0-400	100	10	GLBR400	115.60
0-600	100	10	GLBR600	115.60
0-1000	300	20	GLBR1000	115.60
0-1500	500	20	GLBR1500	128.60
0-2000	500	50	GLBR2000	128.60
0-3000	1000	50	GLBR3000	128.60
0-5000	1000	100	GLBR5000	128.60

2½" face
¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBRC15	\$134.00
0-30	5	.5	GLBRC30	121.15
0-60	10	1	GLBRC60	121.15
0-100	20	2	GLBRC100	121.15
0-160	20	2	GLBRC160	121.15
0-200	50	5	GLBRC200	121.15
0-300	50	5	GLBRC300	121.15
0-400	100	10	GLBRC400	121.15
0-600	100	10	GLBRC600	121.15
0-1000	300	20	GLBRC1000	121.15
0-1500	500	20	GLBRC1500	134.00
0-2000	500	50	GLBRC2000	134.00
0-3000	1000	50	GLBRC3000	134.00
0-5000	1000	100	GLBRC5000	134.00

4" face
½" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	GLBR15-4	\$294.85
0-30	5	.5	GLBR30-4	294.85
0-60	10	1	GLBR60-4	294.85
0-100	10	1	GLBR100-4	294.85
0-160	20	2	GLBR160-4	294.85
0-200	20	2	GLBR200-4	294.85
0-300	50	5	GLBR300-4	294.85
0-400	50	5	GLBR400-4	294.85
0-600	100	10	GLBR600-4	294.85
0-1000	100	10	GLBR1000-4	294.85
0-1500	300	20	GLBR1500-4	321.60
0-2000	200	20	GLBR2000-4	321.60
0-3000	500	50	GLBR3000-4	321.60
0-5000	500	50	GLBR5000-4	321.60
0-10000	1000	100	GLBR10000-4	440.60

Liquid Filled Stainless Case Gauges

Features:

- PowerFlex™ movement with polyester segment designed to resist the effects of shock, vibration and pulsation.
- ASME B40.100, Grade A (\pm 2-1-2% accuracy)
- copper alloy bourdon tube
- white aluminum dial with black numbers and black aluminum pointer
- 1/4" NPT brass connection
- glycerin filled
- polycarbonate window
- temperature range: -4°F to 140°F

2 1/2" face
1/4" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<i>GLSC400</i>	\$56.20
0-30	5	.5	<i>GLSC405</i>	56.20
0-60	10	1	<i>GLSC410</i>	56.20
0-100	20	2	<i>GLSC415</i>	56.20
0-160	20	2	<i>GLSC417</i>	56.20
0-200	50	5	<i>GLSC420</i>	56.20
0-300	50	5	<i>GLSC425</i>	56.20
0-400	100	10	<i>GLSC427</i>	56.20
0-600	100	10	<i>GLSC430</i>	56.20
0-1000	200	20	<i>GLSC435</i>	56.20
0-1500	300	20	<i>GLSC440</i>	62.10
0-2000	500	50	<i>GLSC445</i>	62.10
0-3000	500	50	<i>GLSC450</i>	62.10
0-5000	1000	100	<i>GLSC455</i>	62.10

2 1/2" face
1/4" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<i>GLS400</i>	\$45.50
0-30	5	.5	<i>GLS405</i>	45.50
0-60	10	1	<i>GLS410</i>	45.50
0-100	20	2	<i>GLS415</i>	45.50
0-160	20	2	<i>GLS417</i>	45.50
0-200	50	5	<i>GLS420</i>	45.50
0-300	50	5	<i>GLS425</i>	45.50
0-400	100	10	<i>GLS427</i>	45.50
0-600	100	10	<i>GLS430</i>	45.50
0-1000	200	20	<i>GLS435</i>	45.50
0-1500	300	20	<i>GLS440</i>	50.90
0-2000	500	50	<i>GLS445</i>	50.90
0-3000	500	50	<i>GLS450</i>	50.90
0-5000	1000	100	<i>GLS455</i>	50.90



GLSC420



GLS430

Liquid Filled ABS Case Gauges

Features:

- ASME B40.100, Grade B (\pm 3-2-3% accuracy)

2 1/2" face
1/4" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<i>GLP500</i>	\$35.25
0-30	5	.5	<i>GLP505</i>	35.25
0-60	10	1	<i>GLP510</i>	35.25
0-100	20	2	<i>GLP515</i>	35.25
0-160	20	2	<i>GLP517</i>	35.25
0-200	50	5	<i>GLP520</i>	35.25
0-300	50	5	<i>GLP525</i>	35.25
0-400	100	10	<i>GLP527</i>	35.25
0-600	100	10	<i>GLP530</i>	35.25
0-1000	200	20	<i>GLP535</i>	40.10
0-1500	300	20	<i>GLP540</i>	40.10
0-2000	500	50	<i>GLP545</i>	40.10
0-3000	500	50	<i>GLP550</i>	40.10
0-5000	1000	100	<i>GLP555</i>	40.10



Compound Gauges

Features:

- ASME B40.1, Grade B accuracy ($\pm 3-2-3$ % accuracy)
- ABS plastic case
- bronze bourdon tube / brass socket
- polycarbonate crystal
- black aluminum pointer
- brass movement with polyester segment, designed for extended wear
- temperature range of -40°F to 150°F



GL310

2½" face - ¼" center back mount

Mercury (Hg)	PSI Range	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	0-160	30 / 20	5 / 5	GC210	\$29.25

2½" face - ¼" lower mount

Mercury (Hg)	PSI Range	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	0-100	30 / 10	5 / 2	GL310	\$20.40
30"	0-160	30 / 20	10 / 10	GL110	20.40
30"	0-200	30 / 20	10 / 10	GL315	20.40

Vacuum Gauges

Features:

- ASME B40.1, Grade B accuracy ($\pm 3-2-3$ % accuracy)
- ABS plastic case
- bronze bourdon tube
- polycarbonate crystal
- black aluminum pointer
- brass movement with polyester segment, designed for extended wear
- temperature range: -40°F to 150°F



GL105

2" face - ¼" lower mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	GL105	\$19.20

2" face - ¼" center back mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	GC205	\$22.20

2½" face - ¼" lower mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	GL305	\$20.40

Brass Welding Gauges

Features:

- 3-2-3% accuracy according to ASME B40.100 Grade B
- polished drawn brass case
- twist-lock polycarbonate window
- copper alloy bourdon tube
- "Use no oil" written in red on face
- temperature range: -40°F to 140°F



GBRW4000

2½" face - ¼" lower mount

PSI Range	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
0-30	5	.5	GBRW30	\$61.50
0-30	5	.5	GBRW30R¹	61.50
0-60	10	1	GBRW60	61.50
0-100	20	2	GBRW100	61.50
0-200	50	5	GBRW200	61.50
0-400	100	10	GBRW400	61.50
0-600	100	10	GBRW600	61.50
0-4000	500	100	GBRW4000	64.75

¹ red band between 15 to 30 PSI on GBRW30R

General Purpose Digital Gauges

Applications:

- General purpose digital gauges are suitable for dry air applications and other media. Gauge offers selectable units of measure so rather than purchasing one gauge for each unit of measure required, one gauge can be used for multiple units of measure.
- ideal for test applications and for use in technicians tool kits

Features:

- temperature range: **14°F to 140°F** (-10°C to 60°C)
- case: Noryl (thermoplastic)
- wetted parts: 17-4 PH stainless steel sensor with 316 stainless steel socket
- two AAA Alkaline batteries included
- 9 engineering units (accessed through keypad): PSI, in. HG, cm Hg, mm Hg, KPA, Mpa, BAR, KG/cm2, ft H2O
- accuracy $\pm 0.5\%$ ASME B40.7
- window: polycarbonate
- dial: white aluminum
- case: polycarbonate
- minimum operating temperature: -4°F



F

2½" face
¼" lower mount

PSI Range	Part #	Price/E
0-30	DG30	\$877.00
0-60	DG60	877.00
0-100	DG100	877.00
0-200	DG200	877.00
0-300	DG300	877.00
0-1000	DG1000	877.00
0-10,000	DG10000	877.00

Bi-Metal Thermometers

Features:

- case: sturdy, corrosion resistant series 304 stainless steel
- bezel crystal: optically clear, strong glass, gasketed to maintain weather-tight integrity is standard
- stem: 304 series stainless steel, welded at tip and case connector to prevent leakage, 1/4" (6.35 mm) diameter
- hermetically sealed per ASME B40.3 external reset
- slotted-hex adjustment head offers screwdriver or wrench use to field calibrate the thermometer
- bi-metal element: an extremely responsive temperature sensing helix which has been carefully sized and tested, heat treated and aged to relieve inherent stresses and insure continued accuracy
- dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation and to improve temperature transmission
- immersion: for accurate temperature readings, immerse stem a minimum of 2" (50 mm) in agitated liquids or 4" (100 mm) in moving air or gas
- over range: temporary over or under range of 50% of scale up to 260°C or 500°F will not affect the instrument accuracy
- accuracy: guaranteed to be accurate to within 1% of full scale (Grade A per ASME B40.3) (The American Society of Mechanical Engineers issued a new standard for Bi-Metal Thermometers in 1990 referred to as ASME B40.3.)
- Standard Connection is 1/2" male NPT

Model 30 Back Connected 3" Face



Stem Length	Temperature Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	30025064	\$60.15
2 1/2"	50-500°F/10-260°C	30025104	60.15
4"	0-250°F/-20-120°C	30040064	60.15
4"	50-500°F/10-260°C	30040104	60.15
6"	0-250°F/-20-120°C	30060064	60.15
6"	50-500°F/10-260°C	30060104	60.15
9"	0-250°F/-20-120°C	30090064	60.15
9"	50-500°F/10-260°C	30090104	60.15



Model 31 Bottom Connected 90° Angle 3" Face

Stem Length	Temperature Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	31025064	\$119.70
4"	50-500°F/10-260°C	31040104	119.70



Model 50 Back Connected 5" Face

Stem Length	Temperature Range	Part #	Price/E
2 1/2"	50-500°F/10-260°C	50025104	\$133.45
4"	0-250°F/-20-120°C	50040064	133.45



Model 52 Adjustable Angle 5" Face

Stem Length	Temperature Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	52025064	\$181.05
4"	0-250°F/-20-120°C	52040064	193.35
4"	50-500°F/10-260°C	52040104	193.35

Bi-Metal Pocket Thermometers

Features:

- case: 304 stainless steel hermetically sealed
- crystal: extra heavy polycarbonate
- stem: 304 series stainless steel
- external reset with hex nut on back of case
- bi-metal element: responsive actuation by bi-metal helix
- dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation
- scale length: approximately 2-1/8" (54mm)
- accuracy: 1%
- polyethylene carrying case with clip



Temperature Range	Part #	Price/E
0-220°F	PT220	\$21.80
50-550°F	PT550	21.80

F

Magnetic Surface Mount Thermometers

Features:

- case: steel, 2" x 1/2"
- dial: polished aluminum
- bi-metal element: responsive actuation by bi-metal helix
- accuracy: ± 2%



2" Face

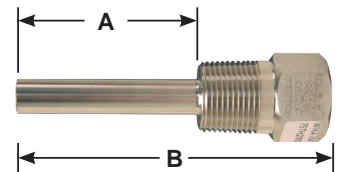
Temperature Range	Part #	Price/E
0-250°F	MT250	\$42.40
0-500°F	MT500	42.40

316 Stainless Steel Threaded Thermowells

Features:

- 3/4" male NPT process connection

'A' dimension	'B' dimension	Part #	Price/E
1-5/8"	2-1/2"	75TH2R015SS	\$108.60
2-1/2"	4"	75TH2R025SS	87.50
4-1/2"	6"	75TH2R045SS	135.50
7-1/2"	9"	75TH2R075SS	160.00



180° Steam Gauge Siphons

Application:

In steam service, the siphon will prevent hot steam from entering a pressure gauge, diaphragm seal or transmitter.



Recommended for applications involving temperatures above 100°F (37°C). Also use *siphons* whenever *condensing hot vapors (not just steam)* are present.

Features:

- red brass pipe
- complies with ASTM B-43
- pressure rating: **200 PSI at 406°F**

Male IPS	Red Brass	
	Part #	Price/E
1/4"	401-01	\$33.25



Features:

- steel pipe
- 1/4" NPT schedule 40 steel, welded
- pressure rating: **175 PSI at 340°F**

male IPS	Steel	
	Part #	Price/E
1/4"	401-01S	\$14.25



King Combination Nipples



Applications:

- Recommended for low-pressure discharge and suction service for compatible liquids.
Sizes 1¼" and above are not for compressible products such as air or nitrogen.
- King Combination Nipples are not recommended for steam.**
- The working pressure may vary with the construction of the hose, the type of clamping system used and the application.
Consult the factory for recommendations.
- In accordance with the Association for Rubber Products Manufacturers (ARPM) bulletin for oil suction and discharge hose, a coupled length of hose in any size, should be tested to 1½ times the working pressure and held for fifteen minutes without leaking or coupling movement. For additional information and detailed instruction on testing procedures, see the Association for Rubber Products Manufacturers (ARPM) handbook.

NPT threaded end with knurled wrench grip

G



knurled wrench grip

Size	Opt Qty	Unplated Steel		Plated Steel		Brass		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50	ST1	\$4.60	STC1	\$4.95	BST1	\$20.40	AST1	\$19.85
¾"	50	ST5	5.35	STC5	5.45	BST5	30.90	AST5	15.15
1"	50	ST10	6.80	STC10	7.30	BST10	32.25	AST10	18.15
1¼"	50	ST15	9.35	STC15	10.05	---	---	---	---
1½"	50	ST20	9.65	STC20	10.30	---	---	---	---
2"	25	ST25	11.95	STC25	12.60	---	---	---	---

NPT threaded end no knurl



no knurl brass

Size	Opt Qty	Unplated Steel		Plated Steel		Brass		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	50	---	---	---	---	BST15	\$35.40	AST15	\$17.15
1½"	50	---	---	---	---	BST20	44.75	AST20	17.30
2"	25	---	---	---	---	BST25	66.70	AST25	19.55
2½"	10	ST30	\$19.75	STC30	\$21.70	BST30	106.60	AST30	59.00
3"	10	ST35	23.10	STC35	26.70	BST35	145.00	AST35	47.00
4"	4	ST40	36.40	STC40	40.00	BST40	283.90	AST40	72.60
5"	4	ST50	84.10	STC50	89.25	---	---	AST50	164.85
6"	2	ST60	93.10	STC60	105.00	---	---	AST60	178.50
8"	2	ST80	161.75	STC80	202.80	---	---	---	---
10"	1	ST100	267.50	STC100	337.50	---	---	---	---
12"	1	ST120	400.00	STC120	480.00	---	---	---	---



no knurl stainless

Size	Opt Qty	316 Stainless Steel		Hastelloy	
		Part #	Price/E	Part #	Price/E
½"	50	RST1 ¹	\$21.10	---	---
¾"	50	RST5 ¹	21.15	---	---
1"	50	RST10	21.25	---	---
1¼"	50	RST15	27.10	---	---
1½"	50	RST20	32.60	---	---
2"	25	RST25	45.00	HST25	\$780.00
2½"	10	RST30	82.75	---	---
3"	10	RST35	117.40	HST35	1450.00
4"	4	RST40	184.20	---	---
5"	4	RST50	405.00	---	---
6"	4	RST60	508.20	---	---
8"	2	RST80	975.00	---	---

¹ made from investment casting

King Combination Nipples

Grooved end

Features:

- Grooved and beveled ends (in *brass* and *aluminum*) are available in select sizes. Consult Dixon for prices and availability.
- See pages 732-738 for our complete line of groove style fittings.

Size	Unplated Steel			316 Stainless Steel		
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1"	STV10	\$9.50	50	---	---	---
1¼"	STV15	13.00	50	---	---	---
1½"	STV20	13.00	50	RSTV20	\$46.65	50
2"	STV25	12.65	25	RSTV25	50.50	25
2½"	STV30	22.90	10	---	---	---
3"	STV35	25.80	10	RSTV35	144.20	10
4"	STV40	36.10	5	RSTV40	193.65	5
5"	STV50	82.85	4	---	---	---
6"	STV60	102.00	2	---	---	---
8"	STV80	179.25	2	---	---	---
10"	STV100	317.20	1	---	---	---
12"	STV120	455.40	1	---	---	---



G

Beveled end

Size	Unplated Steel			316 Stainless Steel			Aluminum	
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty	Part #	Price/E
½"	STB1	\$6.30	50	---	---	---	---	---
¾"	STB5	8.00	50	RSTB5	\$27.00	50	---	---
1"	STB10	9.20	50	RSTB10	24.60	50	ASTB10	\$18.90
1¼"	STB15	11.25	50	RSTB15	38.55	50	ASTB15	22.60
1½"	STB20	11.10	50	RSTB20	33.20	50	ASTB20	25.20
2"	STB25	12.65	25	RSTB25	52.90	25	ASTB25	34.50
2½"	STB30	21.20	10	RSTB30	96.30	10	ASTB30	POR
3"	STB35	26.05	10	RSTB35	108.85	10	ASTB35	72.50
4"	STB40	37.90	5	RSTB40	181.30	5	ASTB40	83.20
5"	STB50	89.25	4	---	---	---	ASTB50	260.00
6"	STB60	95.60	2	RSTB60	492.50	---	ASTB60	245.00
8"	STB80	177.60	2	RSTB80	980.00	---	ASTB80	POR
10"	STB100	308.30	1	---	---	---	ASTB100	POR
12"	STB120	435.00	1	---	---	---	---	---



BSPT Threaded end

Size	Plated Steel			316 Stainless Steel		
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1"	STC10A	\$7.30	50	RST10A	\$22.15	50
1¼"	STC15A	10.70	50	RST15A	27.30	50
1½"	STC20A	10.90	50	RST20A	34.85	50
2"	STC25A	13.55	50	RST25A	45.00	25
2½"	STC30A	23.45	10	RST30A	82.00	10
3"	STC35A	26.75	10	RST35A	118.00	10
4"	STC40A	39.75	4	RST40A	183.00	4
6"	STC60A	109.85	2	RST60A	505.00	2



NPT end with knurled wrench grip - for plastic pipe

Size	Plated Steel		
	Part #	Price/E	Opt Qty
½"	SAP1	\$9.00	50
¾"	SAP6	14.65	50
1"	SAP11	13.35	50
1¼"	SAP16	15.30	50
1½"	SAP21	15.60	50
2"	SAP26	16.90	25



NEW 2014

Global King Combination Nipples

⚠ WARNING**Applications:**

- Combination nipples are recommended for low-pressure discharge and suction service for compatible liquids. **Sizes 1¼" and above are not for compressible products such as air or nitrogen.**
- **Global King Combination Nipples are not recommended for steam.**
- *The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult the factory for recommendations.*
- In accordance with the Association for Rubber Products Manufacturers (ARPM) bulletin for oil suction and discharge hose, a coupled length of hose in any size, should be tested to 1½ times the working pressure and held for fifteen minutes without leaking or coupling movement. For additional information and detailed instruction on testing procedures, see the Association for Rubber Products Manufacturers (ARPM) handbook.

Global NPT threaded end with knurled wrench grip


G

Size	Box Qty	Plated Steel	
		Part #	Price/E
½"	100	GSTC1	\$2.40
¾"	100	GSTC5	2.65
1"	50	GSTC10	3.75
1¼"	50	GSTC15	4.90
1½"	50	GSTC20	5.75
2"	25	GSTC25	6.85
2½"	10	GSTC30	12.15
3"	10	GSTC35	13.40
4"	4	GSTC40	21.05
5"	4	GSTC50	53.80
6"	4	GSTC60	60.90

Short Crimp Sleeves



Features:

- for use with King Combination Nipples
- a reliable alternative band clamps
- not for use with Dixon King Crimp Style Shanks 

Hose ID	Hose OD		Carbon Steel		Sleeve ID	Sleeve Wall Thickness	Sleeve Overall Length
	From	To	Part #	Price			
1"	1-21/64"	1-24/64"	CSS100-3CS	\$4.70	1.438"	.062"	1½"
	1-25/64"	1-28/64"	CSS100-4CS	4.70	1.500"	.062"	1½"
	1-29/64"	1-32/64"	CSS100-5CS	4.70	1.563"	.062"	1½"
	1-33/64"	1-36/64"	CSS100-6CS	4.70	1.625"	.062"	1½"
	1-37/64"	1-40/64"	CSS100-7CS	4.70	1.688"	.062"	1½"
	1-41/64"	1-44/64"	CSS100-8CS	4.70	1.750"	.062"	1½"
1½"	1-41/64"	1-44/64"	CSS150-1CS	4.85	1.750"	.062"	1¾"
	1-45/64"	1-48/64"	CSS150-2CS	4.85	1.813"	.062"	1¾"
	1-49/64"	1-52/64"	CSS150-3CS	4.85	1.875"	.062"	1¾"
	1-53/64"	1-56/64"	CSS150-4CS	4.85	1.938"	.062"	1¾"
	1-57/64"	1-60/64"	CSS150-5CS	4.85	2.000"	.062"	1¾"
	1-61/64"	2"	CSS150-6CS	4.85	2.063"	.062"	1¾"
	2-1/64"	2-4/64"	CSS150-7CS	4.85	2.125"	.062"	1¾"
	2-5/64"	2-8/64"	CSS150-8CS	4.85	2.188"	.062"	1¾"
	2-9/64"	2-12/64"	CSS150-9CS	4.85	2.250"	.062"	1¾"
2"	2-21/64"	2-24/64"	CSS200-3CS	5.70	2.438"	.062"	2"
	2-25/64"	2-28/64"	CSS200-4CS	5.70	2.500"	.062"	2"
	2-29/64"	2-32/64"	CSS200-5CS	5.70	2.563"	.062"	2"
	2-33/64"	2-36/64"	CSS200-6CS	5.70	2.625"	.062"	2"
	2-37/64"	2-40/64"	CSS200-7CS	5.70	2.688"	.062"	2"
	2-41/64"	2-44/64"	CSS200-8CS	5.70	2.750"	.062"	2"
	2-45/64"	2-48/64"	CSS200-9CS	5.70	2.813"	.062"	2"
	2-49/64"	2-52/64"	CSS200-10CS	5.70	2.875"	.062"	2"
	2-53/64"	2-56/64"	CSS200-11CS	5.70	2.938"	.062"	2"
	2-57/64"	2-60/64"	CSS200-12CS	5.70	3.000"	.062"	2"
3"	3-13/64"	3-16/64"	CSS300-1CS	10.05	3.313"	.090"	2⅝"
	3-17/64"	3-20/64"	CSS300-2CS	10.05	3.375"	.090"	2⅝"
	3-21/64"	3-24/64"	CSS300-3CS	10.05	3.438"	.090"	2⅝"
	3-25/64"	3-28/64"	CSS300-4CS	10.05	3.500"	.090"	2⅝"
	3-29/64"	3-32/64"	CSS300-5CS	10.05	3.563"	.090"	2⅝"
	3-33/64"	3-36/64"	CSS300-6CS	10.05	3.625"	.090"	2⅝"
	3-37/64"	3-40/64"	CSS300-7CS	10.05	3.688"	.090"	2⅝"
	3-41/64"	3-44/64"	CSS300-8CS	10.05	3.750"	.090"	2⅝"
	3-45/64"	3-48/64"	CSS300-9CS	10.05	3.813"	.090"	2⅝"
	3-49/64"	3-52/64"	CSS300-10CS	10.05	3.875"	.090"	2⅝"
	3-53/64"	3-56/64"	CSS300-11CS	10.05	3.938"	.090"	2⅝"
	3-57/64"	3-60/64"	CSS300-12CS	10.05	4.000"	.090"	2⅝"
4"	4-29/64"	4-32/64"	CSS400-5CS	13.55	4.563"	.090"	3-15/32"
	4-33/64"	4-36/64"	CSS400-6CS	13.55	4.625"	.090"	3-15/32"
	4-37/64"	4-40/64"	CSS400-7CS	13.55	4.688"	.090"	3-15/32"
	4-41/64"	4-44/64"	CSS400-8CS	13.55	4.750"	.090"	3-15/32"
	4-45/64"	4-48/64"	CSS400-9CS	13.55	4.813"	.090"	3-15/32"
	4-49/64"	4-52/64"	CSS400-10CS	13.55	4.875"	.090"	3-15/32"
	4-53/64"	4-56/64"	CSS400-11CS	13.55	4.938"	.090"	3-15/32"
	4-57/64"	4-60/64"	CSS400-12CS	13.55	5.000"	.090"	3-15/32"



G

External Swage Notched NOS Stems and Ferrules

⚠ WARNING

The notched system allows you to better manage your inventories. You can stock one stem and two ferrules, and cover the same hose range with less inventory. *You must purchase a fitting and the matching ferrule to create an assembly.*

Features:

- For hose outside diameters of 2-4/64" and below, *couplings are crimp only.*
- For hose outside diameters of 2-5/64" and above, couplings can be crimped or swaged.
- See page 69 for cam and groove style notched NOS fittings.



Only use the NOS shank with the NOS ferrules.
Due to differences in dimensions and tolerances for safety reasons,
do not use other manufacturer's stems or ferrules with Dixon Holedall products.

G



RST200NOS

stems

Size	PSI	316 Stainless Steel	
		Part #	Price/E
1½"	250	RST150NOS	\$45.40
2"	250	RST200NOS	53.30
3"	250	RST300NOS	119.60
4"	1	RST400NOS	183.35

¹ Contact Dixon for pressure information

ferrules



Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NOS	\$31.90
1½"	2-4/64"	2-22/64"	GAS2370NOS	34.50
2"	2-30/64"	2-44/64"	GAS2709NOS	31.50
2"	2-42/64"	2-54/64"	GAS2885NOS	64.40
3"	3-30/64"	3-46/64"	GAS3760NOS	46.35
3"	3-47/64"	3-54/64"	GAS3885NOS	63.00
4"	4-40/64"	4-47/64"	GAS5010NOS	235.00

Jump Size King Combination Nipples

hose shank x NPT threaded end



reducer



increaser

Hose Shank	Male NPT	Plated Steel		316Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	½"	---	---	RST0501	\$34.00
¾"	1"	STC0510	\$11.80	RST0510	44.85
1"	¾"	STC1005	8.40	RST1005	32.10
1"	1¼"	STC1015	16.80	RST1015	57.75
1¼"	1"	STC1510	11.00	RST1510	72.00
1¼"	1½"	STC1520	13.85	RST1520	78.00
1½"	1¼"	STC2015	11.70	RST2015	83.20
1½"	2"	STC2025	17.40	RST2025	97.10
1¾"	2"	STC175200	24.30	---	---
2"	1½"	STC2520	22.70	RST2520	96.15
2"	2½"	STC2530	36.90	---	---
2"	3"	STC2535	54.90	RST2535	122.60
2½"	2"	STC3025	32.95	---	---
2½"	3"	STC3035	39.60	---	---
3"	2"	STC3525	64.70	RST3525	143.85
3"	2½"	STC3530	44.40	---	---
3"	4"	STC3540	79.45	---	---
4"	3"	STC4035	88.20	---	---

PF Shank King Combination Nipples

Application:

- This shank design was developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes, where shank retention can be a problem when using conventional band clamps.

Features:

- PF shank King Combination nipples have the same shank pattern as found on the PF style cam and groove fittings sold on page 66.



- recommended for discharge and suction service

Not intended for compressed air

- working pressure is given at 70°F maximum

- The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult the factory for recommendations.

NPT Threaded end

Size	Working PSI	Plated Steel		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
2"	250	ST25PF	\$37.80	RST25PF	\$67.15
3"	125	ST35PF	44.95	RST35PF	168.70
4"	100	ST40PF	64.10	RST40PF	175.00
6"	75	ST60PF	140.00	RST60PF	425.00

Note: Beveled ends for welding are also available. Contact Dixon for further information.



G

Tuff-Lite King Combination Nipples

NPT Threaded end

Size	Polypropylene		Opt Qty
	Part #	Price/E	
½"	PPN44 ¹	\$0.73	50
¾"	PPN66 ¹	0.93	50
1"	PPN88 ¹	1.49	25
1½"	HB150	4.55	25
2"	HB200	5.60	24
3"	HB300	16.10	10
4"	HB400	36.35	---

¹ sold in package quantities only

NPT Threaded end

Size	Nylon		Opt Qty
	Part #	Price/E	
1¼"	THN15	\$6.50	25
1½"	THN20	7.05	25
2"	THN25	10.70	25
3"	THN35	24.25	10



PPN



HB



THN

Flanged King Combination Nipples

150# ASA flange x hose shank



Size	Steel				316 Stainless Steel			
	Standard		Designed for crimp-style sleeves or ferrules		Standard		Designed for crimp-style sleeves or ferrules	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1½"	FST20	\$96.25	FST20CS	\$98.00	RFST20	\$250.00	RFST20CS	\$280.00
2"	FST25	92.30	FST25CS	98.00	RFST25	296.40	RFST25CS	310.00
3"	FST35	133.75	FST35CS	146.25	RFST35	431.00	RFST35CS	480.00
4"	FST40	169.50	FST40CS	182.20	RFST40	573.00	RFST40CS	668.10
6"	FST60	302.25	FST60CS	310.00	RFST60	967.50	RFST60CS	1165.00
8"	FST80	530.00	---	---	RFST80	1660.00	---	---
10"	FST100	787.95	---	---	RFST100	3502.00	---	---
12"	FST120	1175.00	---	---	RFST120	4630.00	---	---

G

Notched Turned Back Nipples

Features:

- Stems are for use with lap joint flanges on page 714.
- When used with an appropriate notched ferrule, these fittings can be swaged or crimped onto hose providing improved shank retention.
- When used with double bolt or band clamps, notched turn back nipples provide shank retention similar to that of the King turned back nipples.
- The stem can be removed from a damaged hose by cutting away the ferrule without necessarily damaging the fitting. *After inspection to determine its suitability for reuse, it can be reinstalled into another hose by using a new ferrule.*



stems

Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	N150NO	\$31.50	RN150NO	\$80.60
2"	N200NO	35.55	RN200NO	92.70
2½"	N250NO	55.00	RN250NO	125.00
3"	N300NO	84.25	RN300NO	162.00
4"	N400NO	141.10	RN400NO	248.25



ferrules

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NO	\$34.80
1½"	2-4/64"	2-22/64"	GAS2370NO	37.20
2"	2-30/64"	2-44/64"	GAS2709NO	31.80
2"	2-42/64"	2-54/64"	GAS2885NO	66.25
2½"	2-54/64"	3"	GAS3012NO	64.50
2½"	3-1/64"	3-13/64"	GAS3260NO	68.80
3"	3-30/64"	3-46/64"	GAS3760NO	45.40
3"	3-47/64"	3-54/64"	GAS3885NO	62.10
4"	4-40/64"	4-47/64"	GAS5010NO	258.75

- Special pushers required: 1½" stem - RN150NOPUSH
2" stem - RN200NOPUSH
2½" stem - RN250NOPUSH
3" stem - RN300NOPUSH
4" stem - RN400NOPUSH



Dixon stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon Holedall products.

King Steel Round Nipples



for one clamp

Hose Size	NPT Size	Unplated Steel		Opt Qty
		Part #	Price/E	
5/8"	1/2"	KRN541	\$12.00	100
3/4"	1/2"	KRN641	9.70	50
1"	3/4"	KRN861	12.85	50



for two clamps

Hose Size	NPT Size	Unplated Steel		Opt Qty
		Part #	Price/E	
1/2"	1/4"	KRN422	\$16.45	100
1/2"	3/8"	KRN432	11.30	100
5/8"	1/2"	KRN542	17.45	100
3/4"	1/2"	KRN642	14.00	50
3/4"	3/4"	KRN662	17.70	50
1"	3/4"	KRN862	12.85	50
1"	1"	KRN882	19.05	50
1 1/4"	1"	KRN1082	13.40	25
1 1/2"	1 1/4"	KRN1210	18.00	25
2"	1 1/2"	KRN1612	48.15	20

G

King Steel Hex Nipples



for one clamp

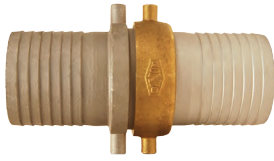
Hose Size	NPT Size	Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	KHN221	\$12.65	100
3/8"	1/4"	KHN321	11.05	100
3/8"	3/8"	KHN331	10.40	100
3/8"	1/2"	KHN341	13.55	100
1/2"	1/4"	KHN421	13.25	50
1/2"	3/8"	KHN431	14.00	50
1/2"	1/2"	KHN441	10.20	50
1/2"	3/4"	KHN461	13.15	50
3/4"	1/2"	KHN641	15.25	50
3/4"	3/4"	KHN661	15.20	50
1"	3/4"	KHN861	18.30	50
1"	1"	KHN881	19.00	25



for two clamps

Hose Size	NPT Size	Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	KHN222	\$18.40	100
3/8"	1/4"	KHN322	16.35	100
3/8"	3/8"	KHN332	15.75	100
3/8"	1/2"	KHN342	20.20	100
1/2"	1/4"	KHN422	17.20	100
1/2"	3/8"	KHN432	15.05	100
1/2"	1/2"	KHN442	15.00	50
1/2"	3/4"	KHN462	19.60	50
3/4"	1/2"	KHN642	15.60	50
3/4"	3/4"	KHN662	15.05	50
1"	3/4"	KHN862	20.95	50
1"	1"	KHN882	22.35	25

King Short Shank Suction Couplings, NPSM Thread



complete with NPSM thread



female with NPSM thread



1" - 2½"



3" - 6"

male with NPSM thread

Size	Aluminum shank with Brass nut		Pkg Qty	Aluminum shank with Brass nut		Aluminum	
	Complete Part #	Price/E		Female Part #	Price/E	Male Part #	Price/E
1½"	CAB150	\$13.90	60	FAB150	\$9.45	MA150	\$4.15
2"	CAB200	20.50	40	FAB200	14.10	MA200	5.25
2½"	CAB250	37.30	30	FAB250	24.25	MA250	11.65
3"	CAB300	42.90	18	FAB300	27.00	MA300	13.85
4"	CAB400	85.00	8	FAB400	59.25	MA400	27.20
6"	CAB600	178.00	6	FAB600	118.00	MA600	52.00

Size	Brass shank with Brass nut		Brass shank with Brass nut		Brass	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1¼"	CBB125	\$36.00	FBB125	\$20.50	MB125	\$19.20
1½"	CBB150	38.70	FBB150	24.10	MB150	18.10
2"	CBB200	55.00	FBB200	32.40	MB200	26.50
2½"	CBB250	88.70	FBB250	49.00	MB250	50.60
3"	CBB300	142.00	FBB300	84.70	MB300	67.75
4"	CBB400	212.00	FBB400	128.40	MB400	91.00

Size	Plated Iron shank with Plated Iron nut		Plated Iron shank with Plated Iron nut		Plated Iron	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1"	S33 ¹	\$26.25	S12 ¹	\$15.60	S10	\$10.65
1¼"	S48	38.50	S17	22.65	S15	16.70
1½"	S63	38.60	S22	21.50	S20	17.10
2"	S78	52.90	S27	29.50	S25	23.40
2½"	S93	92.00	S32	55.00	S30	37.00
3"	S111	99.60	S38	49.90	S36	49.70
4"	S123	164.70	S42	90.50	S40	75.70
5"	S168	341.50	S57	222.50	S55	119.00
6"	S183	349.00	S62	203.65	S60	145.35

Size	Plated Iron shank with Brass nut		Plated Iron shank with Brass nut		Plated Iron	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1"	SB33 ¹	\$31.25	SB12 ¹	\$22.00	S10	\$10.65
1¼"	SB48	35.90	SB17	19.20	S15	16.70
1½"	SB63	35.10	SB22	18.00	S20	17.10
2"	SB78	47.90	SB27	24.50	S25	22.70
2½"	SB93	83.35	SB32	46.35	S30	36.05
3"	SB111	96.35	SB38	46.65	S36	48.70
4"	SB123	157.10	SB42	81.40	S40	74.20
5"	SB168	326.85	SB57	207.85	S55	119.00
6"	SB183	333.70	SB62	188.35	S60	145.35

• complete couplings supplied with rubber gaskets

¹ 1" fittings have a hex nut design

Replacement gaskets (KRW standard) are available, see page 291.

Steel King Short Shank Suction Couplings, NPSM Thread



complete with NPSM thread



female with NPSM thread

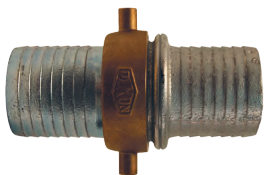


male with NPSM thread

Size	Plated Steel shank with Plated Iron nut		Plated Steel shank with Plated Iron nut		Plated Steel	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1¼"	CSM125	\$41.75	FCSM125	\$23.90	MCS125	\$17.85
1½"	CSM150	33.15	FCSM150	19.85	MCS150	13.30
2"	CSM200	47.10	FCSM200	27.00	MCS200	20.10
2½"	CSM250	61.90	FCSM250	32.45	MCS250	29.45
3"	CSM300	76.30	FCSM300	43.05	MCS300	33.25
4"	CSM400	132.50	FCSM400	84.65	MCS400	47.85
6"	CSM600	267.25	FCSM600	150.15	MCS600	117.10

Size	Plated Steel shank with Brass nut		Plated Steel shank with Brass nut		Plated Steel	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1¼"	CSB125	\$45.15	FCSB125	\$27.30	MCS125	\$17.85
1½"	CSB150	32.30	FCSB150	19.00	MCS150	13.30
2"	CSB200	41.70	FCSB200	22.00	MCS200	20.10
2½"	CSB250	63.75	FCSB250	35.25	MCS250	29.45
3"	CSB300	74.70	FCSB300	41.45	MCS300	33.25
4"	CSB400	135.90	FCSB400	88.05	MCS400	47.85
6"	CSB600	267.25	FCSB600	142.75	MCS600	117.10

King Short Shank Suction Couplings, NST (NH) Thread



complete with NST (NH) thread



female with NST (NH) thread



male with NST (NH) thread

Size	Plated Iron shank with Plated Iron nut		Plated Iron shank with Plated Iron nut		Plated Iron	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1½"	S63N	\$51.35	S22N	\$29.20	S201	\$22.15
2½"	S93N	92.90	S32N	50.00	S301	42.90

Size	Plated Iron shank with Brass nut		Plated Iron shank with Brass nut		Plated Iron	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1½"	SB63N	\$52.45	SB22N	\$30.30	S201	\$22.15
2½"	SB93N	108.40	SB32N	65.50	S301	42.90

Size	Brass shank with Brass nut		Brass shank with Brass nut		Brass	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1½"	BS63N	\$73.70	BS22N	\$27.45	BS201	\$46.25
2½"	BS93N	157.95	BS32N	65.75	BS301	92.20

Size	Aluminum shank with Brass nut		Aluminum shank with Brass nut		Aluminum	
	Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1½"	CAB150N	\$29.75	FAB150N	\$17.60	MA150N	\$9.00
2½"	CAB250N	57.50	FAB250N	33.50	MA250N	17.85

NST (Common Fire Hose Thread) is also known as NH
Replacement gaskets are available, see page 291. Rubber (KRW) gaskets are standard

Long Shank Couplings



complete coupling



female



male

Hose ID	NPSM Thread	Plated Steel		Plated Steel		Plated Steel	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1/2"	1/2"	SLS404	\$25.95	SLS444	\$13.80	SLS414	\$12.15
3/4"	3/4"	SLS606	28.50	SLS646	14.70	SLS616	13.80
1"	1"	SLS808	40.75	SLS848	22.15	SLS818	18.60

G

Hose ID	GHT Thread	Plated Steel		Plated Steel		Plated Steel	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
3/8"	3/4"	SLS307	\$30.75	SLS347	\$17.40	SLS317	\$13.35
1/2"	3/4"	SLS407	27.50	SLS447	16.20	SLS417	11.30
5/8"	3/4"	SLS507	24.90	SLS547	12.50	SLS517	12.40
3/4"	3/4"	SLS607	25.80	SLS647	13.20	SLS617	12.60

Hose ID	NPSM Thread	Plated Iron		Plated Iron		Plated Iron	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1 1/4"	1 1/4"	MLS48	\$54.05	MLS33	\$26.25	MLS15	\$27.80
1 1/2"	1 1/2"	MLS63	56.75	MLS43	27.60	MLS20	29.15
2"	2"	MLS78	80.00	MLS53	47.00	MLS25	33.00

Hose ID	NPSM Thread	Brass		Brass		Brass	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1/2"	1/2"	BLS404	\$25.60	BLS444	\$12.50	BLS414	\$13.10
1/2"	3/4"	BLS406	29.50	BLS446	11.90	BLS416	17.60
5/8"	3/4"	BLS506	25.00	BLS546	13.75	BLS516	11.25
3/4"	3/4"	BLS606	23.40	BLS646	12.10	BLS616	11.30
1"	1"	BLS808	35.72	BLS848	17.00	BLS818	18.75
1 1/4"	1 1/4"	BLS48	81.80	BLS33	45.80	BLS15	36.00
1 1/2"	1 1/2"	BLS63	108.95	BLS43	59.75	BLS20	49.20
2"	2"	BLS78	163.25	BLS53	89.75	BLS25	73.50

- sizes 1/2" to 1" are machined; 1 1/4" to 2" are cast

Hose ID	GHT Thread	Brass		Brass		Pkg Qty	Brass		Pkg Qty
		Complete Part #	Price/E	Female Part #	Price/E		Male Part #	Price/E	
1/2"	3/4"	BLS407	\$18.40	BLS447	\$9.48	150	BLS417¹	\$8.91	150
5/8"	3/4"	BLS507	18.63	BLS547	9.63	150	BLS517¹	9.00	150
3/4"	3/4"	BLS607	18.70	BLS647	9.63	150	BLS617¹	9.06	150

- ¹ redesigned with extended male GHT, deeper thread

Hose ID	NST Thread	Brass		Brass		Brass	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E
1 1/2"	1 1/2"	BLS63NST	\$125.85	BLS150NST	\$72.25	BLS20NST	\$53.60
2 1/2"	2 1/2"	BLS93NST	228.75	BLS250NST	118.00	BLS30NST	110.75

Replacement gaskets are available, see page 291. Rubber (KRW) gaskets are standard

Super King Long Shank Couplings for Bulk Handling

NPSM Female Coupling



pin lug nut



hex nut

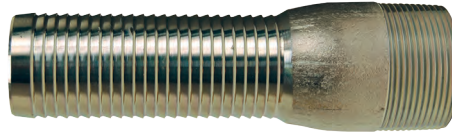
KLW leather gaskets standard

PTFE gaskets standard

Size	Shank Length	Plated Steel Shank with Brass Pin Lug Nut		Plated Steel Shank with Iron Pin Lug Nut		316 Stainless Shank with Iron Pin Lug Nut		316 Stainless Shank with Stainless Hex Nut	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	4⅞"	SD15	\$44.75	SDMP15	\$44.35	---	---	---	---
1½"	4⅞"	SD20	47.20	SDMP20	46.10	---	---	RSHR20¹	\$126.00
2"	5"	SD25	58.35	SDMP25	57.20	RSDM25	\$116.00	RSDR25¹	157.00
2½"	5"	SD30	86.50	SDMP30	82.00	---	---	---	---
3"	5"	SD35	85.45	SDMP35	81.10	RSDM35	158.00	---	---
4"	5"	SD40	124.00	SDMP40	123.00	---	---	---	---

¹ hex nut design

NPT Male Couplings



Size	Shank Length	Plated Steel		316 Stainless	
		Part #	Price/E	Part #	Price/E
1¼"	4-3/8"	SK16	\$18.95	---	---
1½"	4-5/32"	SK21	22.15	---	---
2"	5-5/16"	SK26	27.55	RSK26	\$80.00
2½"	5-5/16"	SK31	47.90	---	---
3"	5-1/2"	SK36	51.45	RSK36	148.00
4"	5-1/2"	SK46	72.30	---	---

All Super King long shank couplings will accept 3 band clamps.

Replacement FKM (KVW) gaskets are available on page 291. PTFE gaskets are available on page 750.

Spray Hose Couplings



complete coupling



female



male



gasket

Hose ID	NPSM Thread	Plated Steel		Plated Steel		Plated Steel		Leather	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E	Gasket Part #	Price/E
⅜"	¾"	SS306	\$30.45	SS346	\$14.60	SS316	\$15.85	KLW5	\$1.75
½"	½"	SS404	37.50	SS444	23.50	SS414	14.00	KLW1	2.60
½"	¾"	SS406	30.30	SS446	13.00	SS416	17.30	KLW5	1.75
¾"	¾"	SS606	37.80	SS646	23.00	SS616	14.80	KLW5	1.75
1"	1"	SS808	69.05	SS848	47.55	SS818	21.50	KLW10	1.80

Hose ID	GHT Thread	Plated Steel		Plated Steel		Plated Steel		Leather	
		Complete Part #	Price/E	Female Part #	Price/E	Male Part #	Price/E	Gasket Part #	Price/E
⅜"	¾"	SS307	\$25.55	SS347	\$14.05	SS317	\$11.50	KLW5	\$1.75
½"	¾"	SS407	23.95	SS447	12.15	SS417	11.80	KLW5	1.75
⅝"	¾"	SS507	27.70	SS547	13.70	SS517	14.00	KLW5	1.75
¾"	¾"	SS607	36.80	SS647	23.95	SS617	12.85	KLW5	1.75

Note: use with Boss clamps on page 111-112.

316 Stainless Steel Inserts

- brass inserts are available on page 334



G

Hose Size	NPT Size	Part #	Price/E
1/8"	1/8"	RN11	\$14.00
3/16"	1/8"	RN151	16.70
3/16"	1/4"	RN152	16.20
1/4"	1/8"	RN21	13.20
1/4"	1/4"	RN22	11.60
1/4"	3/8"	RN23	21.85
5/16"	1/8"	RN251	14.50
5/16"	1/4"	RN252	17.60
5/16"	3/8"	RN253	20.00
3/8"	1/8"	RN31	12.15
3/8"	1/4"	RN32	11.80
3/8"	3/8"	RN33	14.50
3/8"	1/2"	RN34	29.55
1/2"	1/4"	RN42	15.50
1/2"	3/8"	RN43	22.15
1/2"	1/2"	RN44	28.95
1/2"	3/4"	RN46	36.35
5/8"	3/8"	RN53	24.25
5/8"	1/2"	RN54	27.00
5/8"	3/4"	RN56	36.15
3/4"	1/2"	RN64	40.95
3/4"	3/4"	RN66	48.00
1"	3/4"	RN86	54.00
1"	1"	RKHN881 ¹	78.50

¹ same shank style as KHN881 shown on page 285

316 Stainless Short Shank Couplings

Feature:

- Standard gasket is rubber (KRW); for FKM gaskets (KVW) see page 291.



complete coupling

Size	316 Stainless Steel	
	Complete Part #	Price/E
1/2"	RES404	\$98.90
3/4"	RES606	62.35
1"	RES808	63.80
1 1/4"	RES48	166.40
1 1/2"	RES63	131.60
2"	RES78	169.75

female with nut
NPSM thread

Size	316 Stainless Steel	
	Female Part #	Price/E
1/2"	RES444	\$77.80
3/4"	RES646	41.20
1"	RES848	42.55
1 1/4"	RES33	139.30
1 1/2"	RES43	99.00
2"	RES53	124.75

male
NPT thread

Size	316 Stainless Steel		Opt Qty
	Male Part #	Price/E	
1/2"	RST1 ¹	\$21.10	50
3/4"	RST5 ¹	21.15	50
1"	RST10	21.25	50
1 1/4"	RST15	27.10	50
1 1/2"	RST20	32.60	50
2"	RST25	45.00	25

¹ made from investment casting

Pin Lug Spanner Wrenches

single end wrench

Size	Plated Iron	
	Part #	Price/E
1½"	SW15	\$9.80
2"	SW20	10.15
2½"	SW25	11.55
3"	SW30	13.25
4"	SW40	13.85
6"	SW60	84.85



double end wrench

Size	Plated Iron	
	Part #	Price/E
1½", 2" x 2½", 3"	SW153	\$25.50



G

Additional spanner wrenches are also available on pages 618-621.

Gaskets for Suction, Long and Short Shank Couplings



Size	Rubber (Styrene Butadiene)		Neoprene		FKM		Leather		Rubber for NST thread	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	KRW1	\$0.45	---	---	---	---	KLW1	\$2.60	---	---
¾"	KRW5	0.45	KNW5	\$0.50	---	---	KLW5	1.75	---	---
1"	KRW10	0.45	KNW10	0.50	KVW10	\$3.85	KLW10	1.80	---	---
1¼"	KRW15	0.45	KNW15	0.95	---	---	KLW15	1.90	---	---
1½"	KRW20	0.55	KNW20	0.75	KVW20	7.25	KLW20	2.25	KRW2075	\$1.85
2"	KRW25	0.70	KNW25	0.85	KVW25	10.10	KLW25	2.50	---	---
2½"	KRW30	0.90	KNW30	0.95	---	---	KLW30	2.60	KRW3075	1.90
3"	KRW35	0.90	KNW35	1.35	KVW35	21.85	KLW35	3.35	---	---
4"	KRW40	1.50	KNW40	2.15	---	---	KLW40	4.95	---	---
5"	KRW50	3.50	---	---	---	---	---	---	---	---
6"	KRW60	4.45	KNW60	6.35	---	---	---	---	---	---
8"	KRW80	9.80	KNW80	12.10	---	---	---	---	---	---

Dixon 316 Stainless Steel Menders



Size	Length	Stainless Steel	
		Part #	Price/E
1/4"	2-1/32"	RM2	\$15.20
3/8"	2-1/16"	RM3	16.30
1/2"	2-1/16"	RM4	24.45
3/4"	2 1/2"	RM6	31.40

Dixon Brass Hose Menders

G



Size	Part #	Brass		Opt Qty
		Price/E		
1/8"	BM1	\$1.98		100
3/16"	BM15	1.75		100
1/4"	BM2	2.00		100
1/4" x 1/8"	BM2-1	2.51		100
5/16"	BM25	2.34		100
3/8"	BM3	2.40		100
3/8" x 1/4"	BM3-2	3.05		100
1/2"	BM4	3.36		50
1/2" x 3/8"	BM4-3	4.00		50
5/8"	BM5	4.00		50
5/8" x 3/8"	BM5-3	4.41		50
5/8" x 1/2"	BM5-4	5.37		50
3/4"	BM6	5.60		50
3/4" x 1/2"	BM6-4	6.22		50
1"	BM8	10.50		10

Tuff-Lite Nylon Menders

Features:

- maximum working temperature: 150°F



1/4" - 2" menders



4" - 6" menders

Size	Part #	Nylon		Pkg Qty
		Price/E		
1/4"	TM2 ¹	\$0.82		50
5/16"	TM25 ¹	0.83		50
3/8"	TM3 ¹	0.85		50
1/2"	TM4 ¹	1.10		50
5/8"	TM5 ¹	1.50		50
3/4"	TM6 ¹	1.50		50
1"	TM8 ¹	1.82		25
1-1/4"	TM16	4.55		50
1-1/2"	TM21	7.45		100
2"	TM26	10.15		50
4"	TM46	60.50		---
6"	TM66	85.10		---

¹ TM2 through TM8 sold in package quantity only.

Tuff-Lite Nylon Push-On Menders

Features:

- no clamps needed when used with push-on hose
- sold in package quantity only



Size	Part #	Nylon		Pkg Qty
		Price/E		
1/4"	TPM2	\$0.65		50
3/8"	TPM3	0.71		50
1/2"	TPM4	0.87		50

Steel Dixon Hose Menders



They are not for compressible products such as air, nitrogen or steam.

- The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult Dixon for recommendations.
- In accordance with the ARPM bulletin for oil suction and discharge hose, a coupled length of hose in any size, should be tested to 1½ times the working pressure and held for fifteen minutes without leaking or coupling movement. For additional information and detailed instruction on testing procedures, see the Association for Rubber Products Manufacturer's (ARPM) handbook or visit ARPMINC.com.

Size	Zinc Plated Steel		Opt Qty	316 Stainless Steel		Opt Qty
	Part #	Price/E		Part #	Price/E	
¼"	DMA	\$7.65	200	RDMA	\$28.00	100
⅜"	DMB	7.80	100	RDMB	32.65	100
½"	DM1	7.75	50	RDM1	28.15	50
⅝"	DM5	7.95	50	---	---	---
¾"	DM6	7.15	50	RDM6	58.00	50
1"	DM11	6.80	50	RDM11	61.00	50
1¼"	DM16	9.05	50	RDM16	64.50	5
1⅜"	DM18	25.55	50	---	---	---
1½"	DM21	9.85	50	RDM21	73.50	50
1½"	DMXL21 ¹	24.15	25	---	---	---
2"	DM26	11.55	50	RDM26	82.70	10
2"	DMXL26 ¹	29.05	25	---	---	---
2½"	DM31	18.65	25	---	---	---
3"	DM36	22.50	20	RDM36	183.30	5
4"	DM46	41.40	10	RDM46	216.30	5
5"	DM51	130.00	5	---	---	---
6"	DM66	100.55	4	---	---	---
8"	DM86	218.00	1	---	---	---
10"	DM100	335.00	1	---	---	---
12"	DM120	512.30	1	---	---	---

¹ XL series has extra long shank



G

Steel King Hose Menders



They are not for compressible products such as air, nitrogen or steam.

- The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult the factory for recommendations.
- In accordance with the ARPM bulletin for oil suction and discharge hose, a coupled length of hose in any size, should be tested to 1½ times the working pressure and held for fifteen minutes without leaking or coupling movement. For additional information and detailed instruction on testing procedures, see the Association for Rubber Products Manufacturer's (ARPM) handbook or visit ARPMINC.com.

Size	for 1 clamp each end		for 2 clamps each end	
	Part #	Price/E	Part #	Price/E
¼"	KM21	\$7.40	---	---
5/16"	KM251	7.40	---	---
½"	KM41	8.80	KM42	\$11.60
⅝"	KM51	11.30	KM52	11.85
¾"	KM61	8.55	KM62	11.45
1"	KM81	8.40	KM82	11.90
1¼"	KM101	7.80	KM102	13.65
1½"	KM121	11.10	KM122	20.75
2"	---	---	KM162	28.15



for 1 clamp each end



for 2 clamps each end

Strainer with Spring Loaded Check Valves

Features:

- brass with NBR seat and stainless steel strainer
- soft seat for bubble tight shutoff, spring loaded for fast seating action
- flow profile designed to minimize head loss
- temperature range: **10°F to 210°F** (-10°C to 100°C)
- cracking pressure: **0.50 PSI**
- pressure rating: 1½"-2" **400 PSI WOG**, 3"-4" **175 PSI WOG**
- Underwriters approved

Size	Part #	Price/E
1½"	BVFS20 ¹	\$89.60
2"	BVFS25 ¹	129.00
3"	BVFS35	379.50
4"	BVFS40	572.50

¹ NSF61 approved



Quick Connect Fittings

Application:

- Used primarily on irrigation and suction lines.

Features:

- hot dipped, galvanized
- has a double pin locking lever for smooth closing action.
- Type A (Agri-Lock style) locks on the female side.
- Type B (Bauer style) locks on the male side.
- Each coupler is equipped with a safety pin to prevent accidental openings.

- *These fittings are not recommended for chemicals or any hazardous type materials where the possibility of leakage would result in health or environmental concerns. Consult the factory for recommendations.*



(Agri-Lock style)
Type A



Type A male with 150 ASA flange

Size	Galvanized Steel	
	Part #	Price/E
10"	MC22210	\$891.25
12"	MC22212	1216.80



(12" pictured)

Type A female with 150 ASA flange with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	FC22310	\$875.50
12"	FC22312 ¹	1257.00



Type A male with hose shank

Size	Galvanized Steel	
	Part #	Price/E
10"	MC21110	\$352.80
12"	MC21112	551.50



(10" pictured)

Type A female with hose shank with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	FC21210	\$346.25
12"	FC21212 ¹	630.00



(12" pictured)

Type A male x female 90° elbow with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	EL21510-90	\$806.25
12"	EL21512-90 ¹	1265.75

¹ 12" supplied with M20412 lever assist bar

G

Quick Connect Fittings

(Agri-Lock style)
Type A



Type A male plug with ring

Size	Galvanized Steel	
	Part #	Price/E
10"	MP21010	\$267.50
12"	MP21012	479.00



(10" pictured)

Type A female plug with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	FP20910	\$295.50
12"	FP20912 ¹	628.10

¹ 12" supplied with M20412 lever assist bar



Type A gaskets

Size	Rubber		EPDM	
	Part #	Price/E	Part #	Price/E
10"	RG20510	\$26.25	RG20610	\$58.50
12"	RG20512	29.50	RG20612	66.50



Type A accessories

Size	Description	Galvanized Steel	
		Part #	Price/E
12"	assist bar for Type A 12" fittings	M20412	\$16.75
12"	safety pin for 12" fittings	SP290	14.50



Type A male - with ring for welding

Size	Unplated Steel	
	Part #	Price/E
10"	21010	\$132.00
12"	21012	235.80



Type A female - for welding to pipe

Size	Unplated Steel	
	Part #	Price/E
10"	20410	\$143.00
12"	20412	300.00

Quick Connect Fittings

(Bauer style)
Type B



Type B male with 150 ASA flange

Size	Galvanized Steel	
	Part #	Price/E
4"	MC3134	\$228.00
6"	MC3136	403.50
8"	MC3138	735.25
10"	MC31310 ¹	1335.00
12"	MC31312 ¹	1646.20



Type B female with 150 ASA flange with gasket

Size	Galvanized Steel	
	Part #	Price/E
4"	FC3144	\$152.00
6"	FC3146	262.50
8"	FC3148	453.60
10"	FC31410	804.70
12"	FC31412	1040.25

¹ 10" and 12" supplied with ACB304 lever assist bar

Quick Connect Fittings

(Bauer style)
Type B

Type B male with hose shank



Type B female with hose shank with gasket

G

Size	Galvanized Steel	
	Part #	Price/E
2"	MC3092	\$43.50
3"	MC3093	69.50
4"	MC3094	124.90
6"	MC3096	219.25
8"	MC3098	422.00
10"	MC30910 ¹	860.50
12"	MC30912 ¹	1054.00

Size	Galvanized Steel	
	Part #	Price/E
2"	FC3102	\$24.50
3"	FC3103	33.00
4"	FC3104	57.00
6"	FC3106	97.50
8"	FC3108	185.60
10"	FC31010	376.75
12"	FC31012	483.70

¹ 10" and 12" supplied with ACB304 lever assist bar

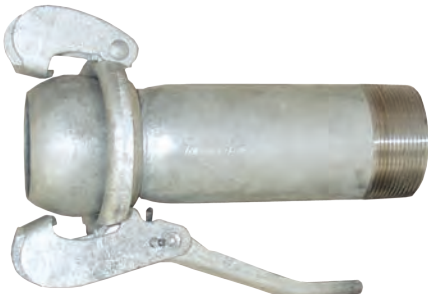
Type B male with male NPT



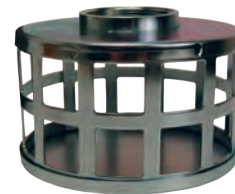
Type B female with male NPT with gasket

Size	Galvanized Steel	
	Part #	Price/E
2"	MCM3112	\$60.50
3"	MCM3113	89.00
4"	MCM3114	149.75
6"	MCM3116	270.50
8"	MCM3118	525.00

Size	Galvanized Steel	
	Part #	Price/E
2"	FCM3122	\$40.50
3"	FCM3123	51.50
4"	FCM3124	83.25
6"	FCM3126	142.50
8"	FCM3128	293.00



Type B male with male NPT - extra long



Standard Strainer Square Hole Type

Size	Galvanized Steel	
	Part #	Price/E
2"	MCM3112XL	\$66.75
3"	MCM3113XL	102.60
4"	MCM3114XL	171.60
6"	MCM3116XL	326.50
8"	MCM3118XL	614.60

NPT Size	Zinc Plated Steel	
	Part #	Price/E
2"	SHS25	\$28.65
3"	SHS35	45.75
4"	SHS40	64.20
6"	SHS60	185.70
8"	SHS80	424.55

Quick Connect Fittings

(Bauer style)
Type B

Type B male x female 90° elbow with gasket

Size	Galvanized Steel	
	Part #	Price/E
4"	EL3154-90	\$211.00
6"	EL3156-90	399.60
8"	EL3158-90	691.00
10"	EL31510-90 ¹	1340.25
12"	EL31512-90 ¹	1687.00



Type B male x female 45° elbow with gasket

Size	Galvanized Steel	
	Part #	Price/E
4"	EL3154-45	\$211.00
6"	EL3156-45	399.60
8"	EL3158-45	584.50
10"	EL31510-45 ¹	1160.80
12"	EL31512-45 ¹	1472.70

G



Type B female x male reducer with gasket

Female Size	Male Size	Galvanized Steel	
		Part #	Price/E
6"	4"	FMR31864	\$182.40
8"	6"	FMR31886	353.50
10"	8"	FMR318108 ¹	686.30
12"	10"	FMR3181210 ¹	1217.90



Type B female x male increaser with gasket

Female Size	Male Size	Galvanized Steel	
		Part #	Price/E
4"	6"	FMI31946	\$232.70
6"	8"	FMI31968	470.00
8"	10"	FMI319810	948.00
10"	12"	FMI3191012 ¹	1280.00



Type B male plug

Size	Galvanized Steel	
	Part #	Price/E
2"	MP3232	\$39.00
3"	MP3233	60.75
4"	MP3234	105.50
6"	MP3236	190.10
8"	MP3238	350.75
10"	MP32310 ¹	761.60
12"	MP32312 ¹	944.80



Type B female plug with gasket

Size	Galvanized Steel	
	Part #	Price/E
2"	FP3082	\$16.70
3"	FP3083	18.90
4"	FP3084	35.50
6"	FP3086	81.25
8"	FP3088	129.25
10"	FP30810	326.25
12"	FP30812	450.75

¹ 10" and 12" supplied with ACB304 lever assist bar

Quick Connect Fittings

(Bauer style)
Type B

Type B female with gasket



Type B male

G

Size	Unplated Steel	
	Part #	Price/E
2"	3022	\$5.90
3"	3023	6.85
4"	3024	17.10
6"	3026	36.10
8"	3028	69.25
10"	30210	163.75
12"	30212	230.70

Size	Unplated Steel	
	Part #	Price/E
2"	3032	\$4.35
3"	3033	4.90
4"	3034	13.50
6"	3036	20.50
8"	3038	42.00
10"	30310	93.70
12"	30312	134.00

- Female and male fittings are commonly used for butt-welding to pipe.



2" - 8"



10" - 12"

Type B safety clips

Size	Galvanized Steel	
	Part #	Price/E
2"	SP59	\$8.55
3"	SP76	8.95
4"	SP89	9.70
6"	SP159	10.00
8"	SP159	10.00
10"	SP390	13.10
12"	SP390	13.10



Type B lever ring

Size	Galvanized Steel	
	Part #	Price/E
2"	LR3042	\$22.50
3"	LR3043	40.90
4"	LR3044	73.10
6"	LR3046	140.00
8"	LR3048	268.25
10"	LR30410	569.00
12"	LR30412	685.00



Type B accessory

Size	Description	Galvanized Steel	
		Part #	Price/E
10" & 12"	lever assist bar for 10" and 12" Type B fittings	ACB304	\$41.75



Type B gaskets

Size	Rubber		EPDM	
	Part #	Price/E	Part #	Price/E
2"	RG3052	\$1.15	RG3062	\$4.55
3"	RG3053	2.05	RG3063	6.35
4"	RG3054	5.20	RG3064	9.85
6"	RG3056	10.10	RG3066	20.75
8"	RG3058	23.00	RG3068	38.00
10"	RG30510	33.75	RG30610	47.50
12"	RG30512	51.25	RG30612	60.50

Heavy Duty Quick Connect Fittings

(Bauer style)

Type B

Features:

- Dixon STB style hose shank machined from Schedule 40 pipe
- recommended for use with steel crimp sleeves
- all components are galvanized



Type B male with machined steel hose shank

Size	Machined Steel	
	Part #	Price/E
2"	MC3092ST25	\$99.65
3"	MC3093ST35	159.00
4"	MC3094ST40	197.00
6"	MC3096ST60	394.00
8"	MC3098ST80	655.00



Type B female with machined steel hose shank with gasket

Size	Machined Steel	
	Part #	Price/E
2"	FC3102ST25	\$82.10
3"	FC3103ST35	128.25
4"	FC3104ST40	153.00
6"	FC3106ST60	290.00
8"	FC3108ST80	428.00

G

Heavy Duty Quick Connect Fittings

(Agri-Lock style)

Type A



Type A female with hose shank with gasket

Size	Steel	
	Part #	Price/E
10"	FC21210ST100	\$779.00
12"	FC21212ST120 ¹	1075.00




Type A male with hose shank

Size	Steel	
	Part #	Price/E
10"	MC21110ST100	\$765.00
12"	MC21112ST120	877.00

¹ 12" supplied with M20412 lever assist bar found on page 295

Cast Iron Threaded Foot Valves

 Must be installed in the *vertical position*



complete assembly threaded



strainer



flapper assembly



valve



seat plate

G

NPT Size	Painted Cast Iron		Painted Cast Iron		Painted Cast Iron / Rubber		Rubber		Painted Cast Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1½"	DFVS20	\$32.55	FVS20	\$6.90	FVFA20	\$14.80	FVL20	\$6.65	FVSP20	\$6.35
2"	DFVS25	52.85	FVS25	10.60	FVFA25	17.80	FVL25	10.60	FVSP25	5.30
2½"	DFVS30	61.10	FVS30	20.95	FVFA30	22.30	FVL30	13.00	FVSP30	9.55
3"	DFVS35	77.70	FVS35	21.20	FVFA35	23.80	FVL35	19.65	FVSP35	15.20
4"	DFVS40	142.00	FVS40	28.80	FVFA40	35.00	FVL40	30.75	FVSP40	16.70
6"	DFVS60	339.95	FVS60	68.90	FVFA60	85.90	FVL60	65.75	FVSP60	36.10
8"	DFVS80	706.15	FVS80	189.35	FVFA80	187.80	FVL80	124.05	FVSP80	67.75

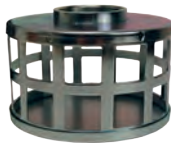
Strainers and Skimmers



standard strainer round hole type



standard strainer round hole type



standard strainer square hole type



long thin strainer round hole type



bottom skimmer round hole type



top skimmer round hole type

NPSM Size	Zinc Plated Steel		304 Stainless Steel		Zinc Plated Steel		Zinc Plated Steel		Zinc Plated Steel		Zinc Plated Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1½"	RHS20	\$24.60	RRHS20	\$260.00	SHS20	\$24.60	RSS20	\$22.90	DSB20	\$80.80	DST20	\$80.80
2"	RHS25	28.65	RRHS25	340.40	SHS25	28.65	RSS25	26.65	DSB25	90.30	DST25	90.30
2½"	RHS30	36.20	---	---	SHS30	36.20	RSS30	33.55	---	---	---	---
3"	RHS35	45.75	RRHS35	475.00	SHS35	45.75	RSS35	42.45	DSB35	201.60	DST35	201.60
4"	RHS40	64.20	RRHS40	590.00	SHS40	64.20	RSS40	59.65	---	---	---	---
5"	RHS50	136.65	---	---	---	---	---	---	---	---	---	---
6"	RHS60	185.70	RRHS60	1227.30	SHS60	185.70	---	---	---	---	---	---
8"	RHS80	424.55	RRHS80	2710.95	SHS80	424.55	---	---	---	---	---	---
10"	RHS100	778.60	---	---	---	---	---	---	---	---	---	---
12"	RHS120	1415.80	---	---	---	---	---	---	---	---	---	---

Witches Hat Strainers & Gaskets

Features:

- for use with female cam and groove couplings
- pre-attached Buna-N gasket



NEW

Size	304 Stainless Steel		Buna	
	Strainer Part #	Price/E	Gasket Part #	Price/E
3"	WH300-A	\$36.25	WH300-G	\$3.65
4"	WH400-A	44.70	WH400-G	3.95

Polyethylene Strainers

NPT Size	Black Polyethylene	
	Part #	Price/E
1½"	TSS20	\$12.70
2"	TSS25	12.70
3"	TSS35	27.10






LIQUIfit™ Fittings

Application:

- Suitable for water, potable liquids and neutral gas applications: including water filtration, water coolers, coffee machines and beverage dispensers.

Features:

- EPDM seal secures connection with larger surface area than standard O-rings
- engineered polymer allows superior mechanical strength and chemical resistance
- full stainless gripping ring eliminates the need for locking clips
- release button protects and supports tubing
- FDA compliant
- meets California and Vermont <0.25% lead requirements
- NSF-51 listed for contact with food
- NSF-61 list C-Hot rated
- in compliance with the following standards:   

Specifications:

- working pressure:
 - ¼" **230 PSI** from 35°F to 100°F
150 PSI at 150°F
60 PSI at 200°F
 - ⅜" **190 PSI** from 35°F to 100°F
100 PSI at 150°F
60 PSI at 200°F
 - ½" **160 PSI** from 35°F to 100°F
100 PSI at 150°F
60 PSI at 200°F
- maximum torque values for NPTF threads:
 - ⅛" and ¼" 1.0 ft. lbs. / 1.5Nm
 - ⅜" and ½" 2.2 ft. lbs. / 3.0Nm



Male Connectors



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
¼"	⅛"	65055611WP2	\$2.50	10
¼"	¼"	65055614WP2	2.85	10
⅜"	¼"	65056014WP2	4.20	10
⅜"	⅜"	65056018WP2	4.80	10
½"	⅜"	65056218WP2	6.60	5
½"	½"	65056222WP2	7.10	5

Faucet Connectors



tube to female UNS

Tube OD	Female UNS	Nylon Part #	Price/E	Pkg Qty
¼"	7/16-24	632556133WP2	\$4.85	10
⅜"	7/16-24	632560133WP2	5.40	10

Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
¼"	¼"	63155614WP2	\$5.90	10
⅜"	⅜"	63156018WP2	6.80	10

Fixed Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
¼"	⅛"	65795611WP2	\$3.85	10
¼"	¼"	65795614WP2	4.35	10
¼"	⅜"	65795618WP2	5.15	10
⅜"	¼"	65796014WP2	5.65	10
⅜"	⅜"	65796018WP2	5.80	10

LIQUIfit™ Fittings

Union Elbows



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63025600WP2	\$4.00	10
3/8"	63026000WP2	6.20	10
1/2"	63026200WP2	7.55	5

Union Tees



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63045600WP2	\$5.20	10
3/8"	63046000WP2	6.60	10
1/2"	63046200WP2	8.05	5

Union Connectors



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	63065600WP2	\$3.65	10
1/4"	3/8"	63065660WP2	5.00	10
3/8"	3/8"	63066000WP2	5.00	10
3/8"	1/2"	63066062WP2	6.85	5
1/2"	1/2"	63066200WP2	5.75	5

Unequal Union Tee



tube to tube

Run Tube OD 1	Branch Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	3/8"	63046056WP2	\$8.15	10

Bulkhead Unions



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63165600WP2	\$6.80	10
3/8"	63166000WP2	8.95	10
1/2"	63166200WP2	11.95	5

Union Y Connectors



tube to tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63405600WP2	\$5.80	10
3/8"	63406000WP2	6.75	10
1/2"	63406200WP2	11.45	5

G

LIQUIfit™ Fittings

Swivel Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	65095611WP2	\$6.20	10
1/4"	1/4"	65095614WP2	6.20	10
1/4"	3/8"	65095618WP2	6.70	10
3/8"	1/4"	65096014WP2	8.55	10
3/8"	3/8"	65096018WP2	9.00	10
1/2"	3/8"	65096218WP2	11.60	4
1/2"	1/2"	65096222WP2	11.95	4

Stem Adapters



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	65215611WP2	\$1.40	10
1/4"	1/4"	65215614WP2	1.40	10
1/4"	3/8"	65215618WP2	2.05	10
3/8"	1/4"	65216014WP2	1.75	10
3/8"	3/8"	65216018WP2	2.20	10
1/2"	3/8"	65216218WP2	3.25	5
1/2"	1/2"	65216222WP2	3.25	5

End Stops



tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63515600WP2	\$2.65	10
3/8"	63516000WP2	3.15	10

Swivel Branch Tees



tube to tube x male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	65085611WP2	\$7.35	10
1/4"	1/4"	65085614WP2	7.35	10
1/4"	3/8"	65085618WP2	7.85	10
3/8"	1/4"	65086014WP2	8.95	10
3/8"	3/8"	65086018WP2	9.35	10
1/2"	3/8"	65086218WP2	12.05	4
1/2"	1/2"	65086222WP2	12.40	4

G

Swivel Male Run Tees



tube to male NPTF x tube

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	65035611WP2	\$7.35	10
1/4"	1/4"	65035614WP2	7.35	10
1/4"	3/8"	65035618WP2	7.85	10
3/8"	1/4"	65036014WP2	8.95	10
3/8"	3/8"	65036018WP2	9.35	10
1/2"	3/8"	65036218WP2	12.05	4
1/2"	1/2"	65036222WP2	12.05	4

Plugs



tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	63265600WP2	\$1.10	10
3/8"	63266000WP2	1.75	10
1/2"	63266200WP2	2.55	5

LIQUIfit™ Fittings

Hose Stems



tube to hose stem

Tube OD	Stem	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	63225656WP2	\$2.35	10
3/8"	1/4"	63226056WP2	3.15	10
3/8"	5/16"	63226008WP2	3.30	10
3/8"	3/8"	63226060WP2	3.65	10
1/2"	3/8"	63226260WP2	3.90	10

Plug-in Reducers



tube to plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	5/16"	63665608WP2	\$3.50	10
1/4"	3/8"	63665660WP2	4.15	10
3/8"	1/2"	63666062WP2	7.50	5

Plug-in Elbows



tube to plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	63825600WP2	\$3.75	10
3/8"	3/8"	63826000WP2	6.30	10
1/2"	1/2"	63826200WP2	7.50	5

Plug-in Tees



tube to tube x plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	63885600WP2	\$5.50	10
3/8"	3/8"	63886000WP2	8.75	10
1/2"	1/2"	63886200WP2	10.60	5

TrueSeal™ Ball Valves**Application:**

These corrosion resistant, all-plastic designed ball valves are ideal for water filtration units, coffee and beverage machines and a wide variety of other fluid applications.

Features:

- EPDM seal secures connection with larger surface area than standard O-rings
- full flow self-cleaning ball
- high-temperature, scale resistant Polysulfone ball
- glass-reinforced Polypropylene body
- FDA compliant
- NSF-51 listed for contact with food

Specifications:

- temperature range: **0°F to 225°F** (-18°C to 107°C)
- O-ring seal material: EPDM
- maximum operating pressure: **150 PSI**
- Burst pressure **600 PSI**
- Actual working pressures will be lower at elevated temperatures.

Valve Male Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VME4-MG	\$14.35	10
1/4"	3/8"	PP4VME6-MG	19.00	10
1/4"	1/2"	PP4VME8-MG	23.20	10
3/8"	1/4"	PP6VME4-MG	14.25	10
3/8"	3/8"	PP6VME6-MG	17.15	10
3/8"	1/2"	PP6VME8-MG	24.05	10

Valve Female Elbows



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VFE4-MG	\$14.90	10
1/4"	3/8"	PP4VFE6-MG	17.15	10
3/8"	1/4"	PP6VFE4-MG	15.65	10
3/8"	3/8"	PP6VFE6-MG	14.25	10

TrueSeal™ Ball Valves

Valve Male Connectors



male NPTF to tube

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VMC4-MG	\$13.55	10
1/4"	3/8"	PP4VMC6-MG	17.60	10
3/8"	1/4"	PP6VMC4-MG	14.15	10
3/8"	3/8"	PP6VMC6-MG	14.20	10

Valve Union Connectors



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VUC4-MG	\$13.00	10
3/8"	1/4"	PP4VUC6-MG	16.25	10
3/8"	3/8"	PP6VUC6-MG	14.50	10

Valve Plug-in Elbow Unions



tube to plug-in

Tube OD	Stem	Nylon Part #	Price/E	Pkg Qty
1/4"	3/8"	PP4VTEU6-MG	\$18.65	10
3/8"	3/8"	PP6VTEU6-MG	20.50	10

Valve Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	PP4VFC2-MG	\$17.45	10
1/4"	1/4"	PP4VFC4-MG	16.75	10
1/4"	3/8"	PP4VFC6-MG	16.75	10
3/8"	1/8"	PP6VFC2-MG	18.05	10
3/8"	1/4"	PP6VFC4-MG	17.35	10
3/8"	3/8"	PP6VFC6-MG	17.35	10

Valve Elbow Unions



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	PP4VEU4-MG	\$21.10	10
1/4"	3/8"	PP4VEU6-MG	20.35	10
3/8"	1/4"	PP6VEU4-MG	19.60	10
3/8"	3/8"	PP6VEU6-MG	18.65	10

TrueSeal™ Check Valves

Application:

Push-to connect check valves ensure protection against reversal of flow. The valves have an arrow molded into the body to indicate the direction of flow. Valves are designed for connection with either thermoplastic or soft metal tubing and are intended for use with liquids only.

Features:

- body material: acetal
- O-ring: EPDM
- metal grip edge: 300 stainless steel

- NSF-51 listed
- maximum operating pressure: **150 PSI** (dependent on tubing used)
- temperature range: **34°F to 150°F** (1°C to 65°C)
- cracking pressure: 1/3 PSI

tube to tube

Tube OD	Acetal Part #	Price/E	Pkg Qty
1/4"	A4VC4-MG	\$23.00	25
3/8"	A6VC6-MG	26.70	25



Sharkbite® Push-Fit Fittings

Applications:

- for **water, dry, clean air** or **100% glycol solutions** only
- connects copper, CPVC, and PEX pipe in any combination
- approved for use underground and behind walls without access panels



Features:

- no soldering, clamps, unions or glue needed
- pressure rating: **200 PSI at 200°F**
- integral tube liner for PEX installations
- Fittings can be rotated after assembly for easier installation in tight spaces.
- easy to disconnect if needed
- design certified and listed to ASSE 1061/NSF 61
- listed by IAPMO
- meets UPC, IPC and cUPC requirements
- all Sharkbite® fittings are lead free

Straight Couplings



Tube Size	Forged Brass	
	Part #	Price/E
1/2" x 1/2"	U008	\$17.60
3/4" x 3/4"	U016	19.40
1" x 1"	U020	43.00

Reducing Couplings



Tube Size	Forged Brass	
	Part #	Price/E
3/4" x 1/2"	U058	\$20.75
1" x 3/4"	U060	52.50

Straight Connectors



Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	U072	\$14.70
3/4"	3/4"	U088	16.75
1"	1"	U094	33.75



Tube Size	Male NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	U120	\$14.20
3/4"	3/4"	U134	16.00
1"	1"	U140	35.25

Reducing Connectors



Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	3/4"	U068	\$17.60



Tube Size	Male NPT	Forged Brass	
		Part #	Price/E
1/2"	3/4"	U116	\$17.10

G

Sharkbite® Push-Fit Fittings

Elbows

Tube Size	Forged Brass	
	Part #	Price/E
1/2" x 1/2"	U248	\$18.25
3/4" x 3/4"	U256	22.75
1" x 1"	U260	46.50



Drop Ear Elbow

Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	U334	\$19.00



G

Tees

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	U362	\$25.25
3/4"	U370	31.70



Reducing Tee

Tube Size (2)	Tube Size	Forged Brass	
		Part #	Price/E
3/4"	1/2"	U412	\$32.00



End Stops

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	U514	\$14.80
3/4"	U518	18.90
1"	U520	43.25



Slip Couplings

Applications:

- for use with copper pipe only

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	U3008	\$33.00
3/4"	U3016	41.00



Disconnect Clips

Size	ABS Plastic	
	Part #	Price/E
1/2"	U710	\$4.35
3/4"	U712	4.35
1"	U714	4.85



Water-Steam Washdown Station

Applications:

Fail-safe mixing station safely blends steam and cold water for hot water on demand. Should cold water fail, the steam is instantly shut-off.



station is not supplied with hose and nozzle

Features:

- control valves
- dial thermometer
- in-line check valves
- 3/4" inlet and outlet
- stainless steel hose rack
- mounting plate and hardware for wall mounting
- maximum operating pressure: **150 PSI**
- maximum temperature: **200°F**

Bronze Part #	Price/E
SWDS	\$3456.75

Pressure Requirements

Steam Pressure		Water Pressure	
Minimum	Maximum	Minimum	Maximum
80 PSI	90 PSI	50 PSI	80 PSI

H

Hot and Cold Water Mixing Station



station is not supplied with hose and nozzle

Features:

- control valves (globe style)
- in-line check valves
- 3/4" inlet and outlet
- stainless steel hose rack
- mounting plate and hardware for wall mounting
- maximum operating pressure: **150 PSI**
- maximum temperature: **200°F**

Bronze Part #	Price/E
WDS1	\$1244.80

Rack for Mixing Station



Features:

- heavy duty stainless steel construction
- stainless steel lag screws
- heavy duty solid brass mounting crowns
- supplied with mounting hardware
- rack fits SWDS and WDS1 mixing stations
- holds 50' of 3/4" heavy duty industrial grade hose

Part #	Price/E
WDSR	\$211.20

Hot Water Washdown Hose



Features:

- smooth extruded Chlorobutyl tube
- white, wrapped Neoprene cover (.075" thick) with braided textile reinforcement
- furnished with internal stainless steel spring guards at both ends
- 3/4" male on one end and 1/2" male on the other
- working pressure: **250 PSI**
- maximum temperature: **200°F**


Hose ID x Length	Part #	Price/E
5/8" x 25'	SWDSHOSE25	\$755.25
5/8" x 50'	SWDSHOSE50	1275.50

Hot Water Washdown Spray Nozzles

Applications:

For low pressure cleaning and sanitation applications including food and dairy processing, tank and drum cleaning, pharmaceutical and chemical manufacturing and meat and poultry packing.

Features:

- designed for operator comfort
- variable spray pattern from solid stream to 50° hollow cone
- hose connects at base of gun for easy maneuvering
- ½" female NPT inlet
- rubber coated handle protects hands from water temperatures to **150°F**
- **12.5 GPM** flow capacity at **150 PSI**
- *Do not use with steam lines.* 



Cover Color	Brass		Aluminum	
	Part #	Price/E	Part #	Price/E
black	BWSG	\$269.40	AWSG	\$288.75
white	BWSG-W	295.95	AWSG-W	309.05

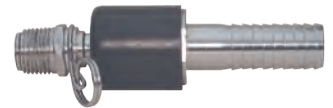
Swivel Connectors for Washdown Spray Guns

Features:

- 300 series stainless steel swivel connector for stainless spray nozzles
- 360° ball type swivel adapter helps prevent hose kinking

Ball Type Swivel x Hose Shank

NPT	Hose ID	Part #	Price/E
½"	½"	SSA44	\$206.00
½"	⅝"	SSA54	206.00
½"	¾"	SSA64	206.00



Features:

- swivel body
- EPDM gasket

Straight Swivel x Hose Shank

NPT	Hose ID	Brass		Stainless Steel	
		Part #	Price/E	Part #	Price/E
½"	½"	BNS44	\$61.90	BNS44SS	\$81.40
½"	¾"	BNS64	61.90	BNS64SS	110.45



Straight Swivel x GHT Thread

NPT	Female GHT	Brass Part #	Price/E
½"	¾"	BMAS974	\$61.90



Thermal-Gard™ Elevated Temperature Spray Nozzle

Features:

- Thermal-Gard™ elevated temperature spray nozzle protects the operator from extreme hot water temperatures that exceed the comfort zone of standard hot water nozzles.
- Assembly includes required special rigid, stainless steel adapter, (⅜" male NPT x ½" female NPT).
- Thermal insulating sleeve reduces overall heat during elevated temperature conditions.
- Stainless steel lever handle is coated for additional thermal protection and operator comfort.
- Lightweight aluminum alloy body reduces overall weight
- Aluminum alloy body is electrolessly nickel plated for additional corrosion protection
- Recommended for water temperatures above **140°F** to a maximum temperature of **200°F**.
- **12.5 GPM** flow capacity
- working pressure: **150 PSI**
- ⅜" female NPT inlet
- black cover



Aluminum	
Part #	Price/E
AWSG-TG	\$355.80

Stainless Mini Spray Nozzle



Features:

- ½" female NPT inlet
- not for use with steam
- designed as an industrial lightweight nozzle with heavyweight performance
- durable cover protects user from hot surfaces produced by high temperature wash down applications
- reduces hand fatigue and provides smooth lever action
- variable spray patterns from fan spray to solid stream
- drip-free automatic shutoff feature
- pressure rating **150 PSI at 200°F**
- flow: **9.6 GPM at 100 PSIG**

Stainless Steel with Dark Blue Cover

Part #	Price/E
DM150SDB	\$204.90

Stainless Spray Nozzle



Features:

- ½" female NPT inlet
- designed to prevent accidental spray
- durable dark blue cover prevents front-mounted lever from being accidentally activated if nozzle is dropped
- reduces hand fatigue and provides smooth lever action
- trigger locking mechanism provides safe and secure method of keeping the nozzle open during any spray pattern
- variable spray patterns from fan spray to solid stream
- drip-free automatic shut-off feature
- no wand available for this nozzle
- rated to **150 PSI / 200°F**
- **9.6 GPM** flow capacity at **100 PSIG**

Stainless

Part #	Price/E
D150SDB	\$388.60

Washdown Wand



Features:

- Designed to provide user with a means of 'reaching' desired washdown locations previously deemed unreachable by extending the nozzle by 3'.
- Adjustable spray tip can be changed from fan to solid spray by twisting the tip until the desired flow pattern is achieved.
- quick disconnect feature allows user to quickly connect wand to the nozzles above
- designed to only fit the D150DSB nozzle
- *Minimum pressure is 75 PSI, wand is not for use with steam.*



300 Series Stainless Steel

Part #	Price/E
D150S-WAND	\$418.00

Temperature Indicating Spray Nozzle



Features:

- easy to read dial thermometer at rear of the nozzle provides accurate and continual monitoring of water temperature
- plastic sight window
- gauge assembly is recessed into the rubber cover for complete protection
- alerts the operator to shut-down the steam valve upon cold water failure, preventing scalding and steam burn injuries (ensures operator safety)
- ensures a more accurate discharge water temperature reading
- recommended for water temperatures to **200°F**
- maximum operating pressure: **150 PSI**
- **14 GPM** flow capacity
- ½" female NPT inlet
- black cover

Bronze

Part #	Price/E
BWSG-TI	\$427.75

Stainless Steel Industrial Grade Spray Nozzle

Application:

- Recommended for use in corrosive applications where bronze and aluminum nozzles are not suitable.

Features:

- heavy duty 300 series stainless steel body and barrel
- variable spray pattern adjusts from a soft spray to a solid stream
- Replaceable rubber cover is specially formulated to resist a wide range of oils and chemicals and protect surrounding equipment.
- maximum operating pressure: **150 PSI**
- flow: **8 GPM at 100 PSI**
- ½" female NPT inlet
- maximum temperature: **200°F**



300 Series Stainless Steel

Part #	Price/E
300SSSG	\$661.30

Brass Industrial Grade Front Lever Spray Nozzle

Features:

- The brass industrial grade spray nozzle provides effortless one hand operation: by actuating the operating lever the valve is opened/closed and the jet power is regulated from spray to concentrated jet.
- The adjusting screw on the back of the gun allows you to fix the desired form of jet. The fixing clamp for the operating lever allows lockable position for service.
- maximum operating pressure: **350 PSI**
- suitable for hot water up to **122°F**
- flow: **6.6 GPM at 72 PSI**
- ½" female NPT inlet
- durable



Brass

Part #	Price/E
DWG050	\$195.00

H

Straight Through Quick-Connect Fittings

Features:

- couplers have no internal valves which provide maximum flow with minimum pressure drop
- Buna-N gasket seal
- interchanges with Parker-Hannifin SST/BST, Foster FST and Hansen ST couplings
- *Do Not Disconnect with pressure in line.*



Female Couplers

Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	brass	STFC2	\$8.38	12
3/8"	3/8" - 18	4500	brass	STFC3	10.33	12
1/2"	1/2" - 14	3500	brass	STFC4	14.92	12
3/4"	3/4" - 14	3100	brass	STFC6	28.69	12
1"	1" - 11 1/2	2500	brass	STFC8	41.31	1
1 1/4"	1 1/4" - 11 1/2	2500	brass	STFC10	111.56	1
1 1/2"	1 1/2" - 11 1/2	2500	brass	STFC12	152.91	1
2"	2" - 11 1/2	2500	brass	STFC16	210.64	1
1/4"	1/4" - 18	6700	303 stainless	STFC2SS	55.25	5
3/8"	3/8" - 18	5500	303 stainless	STFC3SS	80.50	5
1/2"	1/2" - 14	3000	303 stainless	STFC4SS	94.00	5
3/4"	3/4" - 14	3000	303 stainless	STFC6SS	161.25	5
1"	1" - 11 1/2	1700	303 stainless	STFC8SS	218.00	5
1 1/4"	1 1/4" - 11 1/2	2000	303 stainless	10EF10-S	294.22	10
1 1/2"	1 1/2" - 11 1/2	2000	303 stainless	12EF12-S	426.11	5
2"	2" - 11 1/2	2000	303 stainless	16EF16-S	507.30	1



H

Male Couplers

Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	brass	STMC2	\$8.38	12
3/8"	3/8" - 18	4500	brass	STMC3	10.33	12
1/2"	1/2" - 14	3500	brass	STMC4	14.92	12
3/4"	3/4" - 14	3100	brass	STMC6	28.69	12
1"	1" - 11 1/2	2500	brass	STMC8	41.31	1
1 1/4"	1 1/4" - 11 1/2	2500	brass	STMC10	111.56	10
1 1/2"	1 1/2" - 11 1/2	2500	brass	STMC12	152.91	5
2"	2" - 11 1/2	2500	brass	STMC16	210.64	1
1/4"	1/4" - 18	6700	303 stainless	STMC2SS	57.10	5
3/8"	3/8" - 18	5500	303 stainless	STMC3SS	72.00	5
1/2"	1/2" - 14	3000	303 stainless	STMC4SS	99.00	5
3/4"	3/4" - 14	3000	303 stainless	STMC6SS	172.50	5
1"	1" - 11 1/2	1700	303 stainless	STMC8SS	291.25	5



Standard Hose Barb Couplers ¹


Body Size	Hose ID	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4"	5200	brass	2ES2-B	\$12.45	100
3/8"	3/8"	2800	brass	3ES3-B	13.77	50
1/2"	1/2"	2200	brass	4ES4-B	22.37	25
3/4"	3/4"	1700	brass	6ES6-B	34.43	20
1"	1"	1700	brass	8ES8-B	47.04	10



¹ Operating pressures for the standard hose barbs utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose and end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon cannot assume liability for misapplication of products resulting in equipment down-time, lost production, property damage and/or personal injury including death.

Straight Through Quick-Connect Fittings

Features:

- no internal valves, which provide maximum flow with minimum pressure drop
- interchanges with Parker-Hannifin SST/BST, Foster FST and Hansen ST couplings, see Hydraulic Profile Chart on page 833.
- **Do Not Disconnect with pressure in line.** 

Female Plugs

Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	steel	STFP2	\$2.77	12
3/8"	3/8" - 18	4500	steel	STFP3	4.37	12
1/2"	1/2" - 14	3500	steel	STFP4	6.14	12
3/4"	3/4" - 14	3100	steel	STFP6	14.18	12
1"	1" - 11 1/2	2500	steel	STFP8	26.57	1
1 1/4"	1 1/4" - 11 1/2	2500	steel	STFP10	61.97	1
1 1/2"	1 1/2" - 11 1/2	2500	steel	STFP12	99.62	1
2"	2" - 11 1/2	2500	steel	STFP16	127.42	1
1/4"	1/4" - 18	3800	brass	STFP2B	5.20	12
3/8"	3/8" - 18	2700	brass	STFP3B	6.60	12
1/2"	1/2" - 14	2200	brass	STFP4B	9.85	12
3/4"	3/4" - 14	1700	brass	STFP6B	15.60	12
1"	1" - 11 1/2	1200	brass	STFP8B	29.25	1
1 1/4"	1 1/4" - 11 1/2	1800	brass	E10F10-B	54.03	10
1 1/2"	1 1/2" - 11 1/2	1800	brass	E12F12-B	87.79	5
2"	2" - 11 1/2	1800	brass	E16F16-B	119.31	1
1/4"	1/4" - 18	6700	303 stainless	STFP2SS	17.80	5
3/8"	3/8" - 18	5500	303 stainless	STFP3SS	20.75	5
1/2"	1/2" - 14	3000	303 stainless	STFP4SS	47.00	5
3/4"	3/4" - 14	3000	303 stainless	STFP6SS	71.10	5
1"	1" - 11 1/2	1700	303 stainless	STFP8SS	128.50	5
1 1/4"	1 1/4" - 11 1/2	2000	303 stainless	E10F10-S	139.00	10
1 1/2"	1 1/2" - 11 1/2	2000	303 stainless	E12F12-S	243.25	5
2"	2" - 11 1/2	2000	303 stainless	E16F16-S	312.74	1



H

Male Plugs

Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	steel	STMP2	\$2.77	12
3/8"	3/8" - 18	4500	steel	STMP3	4.37	12
1/2"	1/2" - 14	3500	steel	STMP4	6.14	12
3/4"	3/4" - 14	3100	steel	STMP6	14.18	12
1"	1" - 11 1/2	2500	steel	STMP8	26.57	1
1 1/4"	1 1/4" - 11 1/2	2500	steel	STMP10	69.50	1
1 1/2"	1 1/2" - 11 1/2	2500	steel	STMP12	99.62	1
2"	2" - 11 1/2	2500	steel	STMP16	133.20	1
1/4"	1/4" - 18	3800	brass	STMP2B	4.85	12
3/8"	3/8" - 18	2700	brass	STMP3B	6.00	12
1/2"	1/2" - 14	2200	brass	STMP4B	9.30	12
3/4"	3/4" - 14	1700	brass	STMP6B	13.70	12
1"	1" - 11 1/2	1600	brass	STMP8B	27.00	1
1 1/4"	1 1/4" - 11 1/2	1800	brass	E10M10-B	61.91	10
1 1/2"	1 1/2" - 11 1/2	1800	brass	E12M12-B	87.79	5
2"	2" - 11 1/2	1800	brass	E16M16-B	120.43	1
1/4"	1/4" - 18	6700	303 stainless	STMP2SS	15.90	5
3/8"	3/8" - 18	5500	303 stainless	STMP3SS	18.00	5
1/2"	1/2" - 14	3000	303 stainless	STMP4SS	43.00	5
3/4"	3/4" - 14	3000	303 stainless	STMP6SS	67.00	5
1"	1" - 11 1/2	1700	303 stainless	STMP8SS	136.50	5



Standard Hose Barb Plugs ¹

Body Size	Hose ID	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4"	3800	brass	E2S2-B	\$5.16	100
3/8"	3/8"	2800	brass	E3S3-B	6.32	50
1/2"	1/2"	2200	brass	E4S4-B	12.05	25
3/4"	3/4"	1700	brass	E6S6-B	15.78	20
1"	1"	1700	brass	E8S8-B	34.43	10
1/4"	1/4"	5200	steel	E2S2	6.03	100
3/8"	3/8"	2800	steel	E3S3	7.80	50
1/2"	1/2"	2200	steel	E4S4	14.65	25
3/4"	3/4"	1700	steel	E6S6	18.53	20
1"	1"	1700	steel	E8S8	37.07	10



¹ Operating pressures for the standard hose barbs utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose and end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon cannot assume liability for misapplication of products resulting in equipment down-time, lost production, property damage and/or personal injury including death.

Pressure Spray Guns


Features:

- 3/8" female inlet
- 1/4" female outlet
- temperatures to **300°F**
- anti-fatigue pressure compensating design
- W = weeping, for the car wash industry, allows a small stream of water / leak

Part #	Maximum PSI	GPM	Price/E
HPSG	5075	12.0	\$81.40
HPSGW	5000	10.6	92.40

H


Features:

- 3/8" female inlet
- 1/4" female outlet
- **8 GPM**
- working pressure: **3700 PSI**
- maximum temperature to **320°F**

Part #	Price/E
HPSGC	\$61.40


Features:

- 3/8" female inlet
- 1/4" female outlet
- **8 GPM**
- working pressure: **5000 PSI**
- maximum temperature: **300°F**
- heavy duty anti-fatigue design
- stainless inner tube
- Zytel® housing

Part #	Price/E
HPSGHD	\$103.75


Features:

- 3/8" female inlet
- 22 mm x 14 mm female outlet
- **8 GPM**
- working pressure: **3700 PSI**
- maximum temperature: **140°F**
- extension length: 19"

Part #	Price/E
AL9	\$70.10


Features:

- gun: 22 mm male inlet ,22 mm x 14 mm female outlet end, working pressure **2500 PSI**
- lance: 18" with vari-spray nozzle 1.25 mm with 22 mm male inlet
- hose: 25', 1/4" ID with 22 mm x 14 mm female ends
- nozzle: 4.0 variable nozzle 0° to 80°

Part #	Price/E
BIT-KIT	\$184.60

Spray Lances and Extensions for Pressure Gun

Spray Lance

Features:

- for use with **AL9** spray gun **only**
- maximum operating pressure: **4000 PSI**
- maximum temperature: **300°F**



Part #	Description	Length	Price/E
AL248	<i>zinc</i> , 22 mm x 14 mm male inlet x 1/4" male outlet	24"	\$25.50

Dual Spray Lances

Features:

- for use with **HPSG, HPSGC, HPSGHD** and **HPSGW**
- for soap and water
- maximum temperature: **300°F**
- **10.5 GPM**
- requires 1 high pressure nozzle and 1 soap nozzle (pg. 317)
- Allows quick adjustment from high to low pressure with a twist of the handle; low pressure setting allows for use of soap.



AL344



AL333

Part #	Description	Length	Max. Operating PSI	Price/E
AL333	<i>zinc</i> , 1/4" male inlet 2 each 1/4" female outlets	40"	3,650	\$134.00
AL344	<i>stainless steel</i> , 1/4" male inlet, 2 each 1/4" female outlets	40"	4,000	182.75

Molded Grip Extensions

Features:

- for use with **HPSG, HPSGC, HPSGHD** and **HPSGW**
- maximum operating pressure: **5000 PSI**
- temperature: **300°F**
- **10.5 GPM** maximum



AL323



AL324



AL325 & AL326

Part #	Description	Length	Price/E
AL323XX	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet	24"	\$21.55
AL324XX	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 4" space from the end	36"	24.60
AL325XX	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 2 grips	48"	42.90
AL326XX	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 2 grips	59"	47.80

Vented Grip Lances

Features:

- for use with **HPSG, HPSGC, HPSGHD** and **HPSGW**
- for hot water
- maximum operating pressure: **5000 PSI**
- maximum temperature: **300°F**
- **10.5 GPM** maximum



AL361



AL362

Part #	Description	Length	Price/E
AL361	<i>zinc</i> , 1/4" male inlet x 1/4" female outlet, straight	36"	\$49.90
AL362	<i>zinc</i> , 1/4" male inlet x 1/4" female outlet, bent	48"	73.55

Telescoping Lance and Belt for Pressure Gun

Features:

- 3/8" female (pipe thread) inlet
- 1/4" female (quick connect) outlet
- maximum operating pressure: **4000 PSI**



- 1/4" steel braided hose
- **7 GPM**
- length is in three sections
- maximum temperature: **300°F**

Part #	Description	Length	Price/E
ARTEL18A	aluminum telescoping lance	6' - 18'	\$553.70

Telescoping Lance Belt



Feature:

- adjusts to fit a 33" to 58" waist

Part #	Description	Price/E
ARTEL-BELT	Nylon telescoping lance belt	\$54.45

Quick Couplings and Plugs Swiveling Couplings

Features:

H

- working pressure: **3650 PSI**
- **7.8 GPM**
- maximum temperature: **300°F**



1/4" female x 22 mm x 1.5 mm swivel		
Part #	Description	Price/E
AL450 ¹	swiveling quick coupling	\$16.15



1/4" male x 22 mm x 1.5 mm swivel		
Part #	Description	Price/E
AL451 ²	swiveling quick coupling	\$16.15



3/8" female x 22 mm x 1.5 mm swivel		
Part #	Description	Price/E
AL453 ¹	swiveling quick coupling	\$19.35



3/8" female x female swivel		
Part #	Description	Price/E
AL462 ²	swiveling quick coupling	\$30.70

¹ for use with **AL456** only

² for use with **AL464** only

Fixed Plugs

Features:

- working pressure: **3650 PSI**
- **7.8 GPM**
- maximum temperature: **300°F**



1/4" female x 22 mm x 1.5 mm male		
Part #	Description	Price/E
AL454 ¹	fixed quick coupling plug	\$11.75



1/4" male x 22 mm x 1.5 mm male		
Part #	Description	Price/E
AL455F ²	fixed quick coupling plug	\$11.75



3/8" female x 22 mm x 1.5 mm male		
Part #	Description	Price/E
AL456 ¹	fixed quick coupling plug	\$15.10



3/8" female x male plug		
Part #	Description	Price/E
AL464 ²	fixed quick coupling plug	\$17.20

¹ for use with **AL453** and **AL9**

² for use with **AL462** only

Injector Nozzles



AL477

Features:

- designed to inject cleaning solutions into high pressure discharge lines
- 3/8" male inlet and outlet
- maximum working pressure: **4000 PSI**

Part #	Description	Orifice	Flow (GPM)	Price/E
AL472	adjustable, green	1.8 mm	2 - 3	\$52.85
AL477	adjustable, red	2.1 mm	3 - 4	53.25
AL478	adjustable, blue	2.3 mm	4 - 5.5	53.25

Line Strainer



Features:

- working pressure: **100 PSI**
- 1/2" female inlet, 1/2" male outlet
- .60 mesh cuffed filter
- 2 additional 1/4" side ports
- **8 GPM** maximum

Part #	Description	Price/E
AR3000-A2	aluminum line strainer	\$37.45

Nozzles

High Pressure Spray Soap Nozzles

Part #	Description	Price/E
NZ4040S	¼" male inlet, 40° spray angle, size #40	\$10.80
NZ8040S	¼" male inlet, 80° spray angle, size #40	10.80



High Pressure Spray Nozzles

Part #	Description	Price/E
NZ1504	¼" male NPT inlet, 15° spray angle, size 4	\$16.20
NZ2504	¼" male NPT inlet, 25° spray angle, size 4	16.20
NZ4004	¼" male NPT inlet, 40° spray angle, size 4	16.20



Quick Connect Soap Nozzle

Feature:

- use with ¼" couplers on page 312

Part #	Description	Price/E
NZ6540QCS	¼" straight through plug inlet, 65° spray angle, size #40	\$15.20



H

Quick Connect Spray Nozzles

Feature:

- use with ¼" couplers on page 312

Part #	Description	Price/E
MSP400	¼" straight through plug inlet, 0° spray angle, size #4, red	\$18.80 NEW
MSP415	¼" straight through plug inlet, 15° spray angle, size #4, yellow	16.50
MSP425	¼" straight through plug inlet, 25° spray angle, size #4, green	16.50
MSP440	¼" straight through plug inlet, 40° spray angle, size #4, white	16.50



Multi-Pack Quick Connect Nozzles

Feature:

- Multi-Pack includes all nozzles listed

Part #	Nozzle	Description	Price/E
MSP4PAK	NZ6540QCS	¼", 65° spray angle, size #40	\$65.25
	MSP415	¼", 15° spray angle, size #4, yellow	
	MSP425	¼", 25° spray angle, size #4, green	
	MSP440	¼", 40° spray angle, size #4, white	



Multi-Pack High Pressure Spray Nozzles

Features:

- ¼" quick connect nozzle multi-packs include: 0° red, 15° yellow, 25° green, 40° white and 50° black soap nozzles
- ¼" MEG nozzle multi-packs include: 0°, 15°, 25°, 40° and 65° soap nozzles

Part #	Price/E	Nozzle Size	GPM @ PSI									
			800	1000	1500	2000	2500	3000	3500	4000	5000	
NZMQC5P-030	\$49.40	3.0	1.34	1.50	1.84	2.12	2.37	2.60	2.81	3.00	3.35	
NZMQC5P-035	49.40	3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	
NZMQC5P-040	49.40	4.0	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.00	4.47	
NZMQC5P-045	49.40	4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	
NZMQC5P-050	49.40	5.0	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	
NZMQC5P-055	49.40	5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.50	6.15	
NZMQC5P-065	49.40	6.5	2.91	3.25	3.98	4.60	5.14	5.63	6.08	6.50	7.27	
NZMQC5P-080	49.40	8.0	3.58	4.00	4.90	5.66	6.32	6.93	7.48	8.00	8.94	
NZMQC5P-120	75.40	12.0	5.37	8.00	7.35	8.49	9.49	10.39	11.22	12.00	13.42	
NZMQC5P-150	75.40	15.0	6.71	7.50	9.19	10.61	11.86	12.99	14.03	15.00	16.77	

Part #	Price/E	Nozzle Size	GPM @ PSI									
			800	1000	1500	2000	2500	3000	3500	4000	5000	
NZMMEG5P-035	\$51.50	3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	
NZMMEG5P-040	51.50	4.0	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.00	4.47	
NZMMEG5P-045	51.50	4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	
NZMMEG5P-050	51.50	5.0	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	
NZMMEG5P-055	51.50	5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.50	6.15	



Turbo Nozzles

Features:

- 15° spray angle
- maximum temperature: **195°F**
- ceramic orifice



Part #	Description	Orifice	Nozzle Size	Maximum Working PSI	Price/E
AL-TPR25-30	¼" female inlet, dk. green	1.30 mm	4.0	3,625	\$182.30
AL-TPR25-50	¼" female inlet, purple	1.50 mm	5.5 - 6.0	3,625	182.30
AL-TPR25-70	¼" female inlet, grey	1.70 mm	7.0 - 7.5	3,625	182.30
AL-TPR35-30	¼" female inlet, dk. green	1.30 mm	4.0	5,075	276.25
AL-TPR35-50	¼" female inlet, purple	1.50 mm	5.5	5,075	276.25
AL-TPR35-70	¼" female inlet, grey	1.70 mm	6.5	5,075	276.25

Nozzle Holders

H



AL414



AL416

Feature:

- maximum temperature: **300°F**

Part #	Description	Flow (GPM)	Working PSI	Price/E
AL414	adjustable hi/low nozzle holder with nozzle protector, ¼" female inlet and outlet	7.8	3,650	\$47.25
AL416	change over nozzle, ¼" female inlet, 2 each ¼" female outlet	8	2,900	63.30

Inlet Filter for Turbo Nozzles



Features:

- ¼" female inlet, ¼" male outlet
- maximum temperature: **212°F**
- 100 mesh filter

Part #	Description	GPM	Working PSI	Price/E
AR3500	stainless steel, inlet water filter	8	5,000	\$37.50

Braided Rubber Hose



Part #	Pressure Rating (PSI)	Length	ID	Male Swivel Inlet	Male Swivel Outlet	Price/E
AR503830SSP	4,000	50'	¾"	¾"	¾"	\$242.65

Hand Crank Hose Reel



Features:

- working PSI: **3,000 PSI**
- maximum temperature: **160°F**
- ⅜" male outlet
- ⅜" female inlet
- steel
- holds 100' of ⅜" pressure hose

Part #	Price/E
AR-REEL100	\$397.80

Unloader Valves

Pressure regulating unloader valve automatically relieves pressure from the pump at shut-off.

Features:

- maximum temperature: **190°F**
- inlet: 2 each, $\frac{3}{8}$ " female NPT
- outlet: $\frac{3}{8}$ " female NPT
- bypass: 2 each, $\frac{3}{8}$ " female NPT

Part #	Description	Flow	Working PSI	Price/E
AL605	yellow spring	8 GPM maximum	2,320	\$169.30
AL606	blue spring	8 GPM maximum	3,650	169.30
AL607	black spring	8 GPM maximum	4,500	174.40



Features:

- maximum temperature: **190°F**
- inlet: $\frac{3}{8}$ " female
- outlet: $\frac{3}{8}$ " male
- bypass: $\frac{3}{8}$ " female

Part #	Description	Flow	Working PSI	Price/E
AR20831	VR-35 unloader valve	9 GPM	5,100	\$215.60



H

Valves Thermal Relief Valve

Features:

- operating PSI: **200 PSI**
- temperatures to **140°F**
- inlet: $\frac{1}{2}$ " male

Part #	Price/E
TPP140	\$22.70



Safety Release Valve

Features:

- pressure range: **1,000 to 4,000 PSI**
- maximum temperature: **200°F**
- inlet: $\frac{3}{8}$ " male
- **6 GPM**

Part #	Price/E
AR5000-1	\$34.35



Balance Release Valve

Features:

- working PSI: **4,000 PSI**
- maximum temperature: **195°F**
- **6.6 GPM**
- inlet/outlet: $\frac{3}{8}$ " female NPT
- bypass: $\frac{3}{8}$ " female NPT

Part #	Price/E
AL702	\$107.80



Water Broom

Features:

- working PSI: **4,000 PSI**
- $\frac{1}{4}$ " quick connect plug
- stainless steel

Part #	Description	Length	Price/E
AR-BROOM16	4 nozzle broom	16"	\$135.30



Garden Hoses Perfect Water Hose



Features

- for residential and industrial use
- lightweight, easy handling
- heavy duty male and female garden hose fittings
- blue cover
- polypropylene double helix construction with TPE cover
- flexible and kink-free
- working pressure: **100 PSI** at 70°F
- burst pressure: 300 PSI at 70°F
- temperature range: **-20°F to 158°F**

Part #	Size	Price/E
PWH25	5/8" x 25'	\$84.00
PWH50	5/8" x 50'	155.00
PWH100	5/8" x 100'	288.00

Top Level PVC Hose



Features:

- heavy-duty 3/4" brass couplings
- kink resistant
- green cover
- working pressure: **100 PSI**
- temperature range: **15°F to 150°F**

Part #	Size	Price/E
GGH25	5/8" x 25'	\$31.00
GGH50	5/8" x 50'	50.00
GGH75	5/8" x 75'	70.00

Premium Flexzilla® Garden Hose



Features:

- temperature range: **-40°F to 150°F**
- premium hybrid polymer material
- anodized aircraft aluminum fittings 3/4" - 1 1/2" GHT fittings on both ends of hose
- kink resistant under pressure
- no memory - lays flat, coils easily
- abrasion resistant
- rugged bend restrictors
- lightweight

Part #	Size	Price/E
KRH50	5/8" x 50'	\$133.00
KRH75	5/8" x 75'	171.25
KRH100	5/8" x 100'	207.75

Flexogen® Hose



Features:

- heavy-duty, crush resistant, full-flow brass couplings with a built-in washer for tight sealing
- coils and handles easily in all weather
- lightweight patented 8-ply construction
- maximum kink resistance
- flow guard plus protective collar resists kinks at faucet
- polished surface resists abrasions, stains and mildew

Part #	Size	Price/E
FGH25	5/8" x 25'	\$55.70
FGH50	5/8" x 50'	94.30

Rubber Vinyl Garden Hose



Features:

- extra tough, five-ply construction
- exclusive, soft textured, abrasion-resistant green cover
- dual reinforced, heavy-duty, flexibility, kink resistance
- combines durability of rubber, easy handling of vinyl
- SEAL-TITE® leakproof coupling
- working pressure: **150 PSI**
- temperature range: **0°F to 140°F**

Part #	Size	Price/E	Opt Qty
SGH25	5/8" x 25'	\$49.25	5
SGH50	5/8" x 50'	85.00	5
SGH75	5/8" x 75'	115.60	3
SGH100	5/8" x 100'	160.00	3
SGH50-75	3/4" x 50'	116.00	5
SGH75-75	3/4" x 75'	176.50	3

Garden Hoses

Contractors Rubber Water Hose

Features:

- heavy duty, crush proof solid brass couplings with wrench grips
- EPDM tube
- spiral synthetic cord reinforcement
- black EPDM cover
- working pressure: **150 PSI**
- temperature range: **-20°F to 180°F**

Part #	Size	Price/E	Opt Qty
CWH50	3/4" x 50'	\$186.00	5



Premium Rubber Hose

Features:

- professional grade reinforcement provides maximum strength
- heavy-duty flexibility
- ultimate kink resistance
- SEAL-TITE® leakproof coupling
- EPDM tube
- black EPDM cover
- working pressure: **125 PSI**
- temperature range: **-20°F to 160°F**

Part #	Size	Price/E	Opt Qty
PGH50	5/8" x 50'	\$117.00	5
PGH100	5/8" x 100'	244.00	3



H

Hot Water Rubber Reinforced Hose

Features:

- industrial style reinforcing for flexibility, high burst strength
- extra heavy-duty, crush-proof, machined brass couplings
- maximum wear, abrasion-resistant red cover
- withstands extensive hot water up to **200°F** use
- working pressure: **130 PSI**

Part #	Size	Price/E	Opt Qty
HWH50	5/8" x 50'	\$134.00	5
HWH50-75	3/4" x 50'	198.00	3



Marine, Camper, Patio & Pool Hose

Features:

- lightweight to handle, easy to store
- USFDA - approved tube materials for food contact use
- nickel plated couplings
- white cover
- working pressure: **80 PSI** at ambient temperature (70°F)

Part #	Size	Price/E	Opt Qty
MCH50	5/8" x 50'	\$74.50	5



Country Club® RT Hose

Features:

- for golf courses, parks, nurseries
- premium PVC for high strength, flexibility
- lightweight, easy handling
- industrial knit reinforcing for kink resistance
- heavy duty 1" NPSH brass couplings
- green cover
- working pressure: **150 PSI** at ambient temperature (70°F)
- burst pressure: **450 PSI**

Part #	Size	Price/E	Opt Qty
CCH50	1" x 50'	\$316.70	2



Nozzles

Brass / Rubber Power Flow Water Nozzle


Features:

- all metal body and handle
- curved design to fit the contour of your hand
- overmold for comfortable handling
- built in flow control to regulate the amount of water flow
- locking feature to make extended watering easy
- large easy-turn dial

Thread Size	Part #	Price/E
3/4" GHT	PNB75GHT	\$39.80

Insulated Water Nozzles


Features:

- clip locks to any spray pattern
- chrome plated all zinc body
- industrial strength nylon handle
- rubber handle guard
- GHT thread on head
- heavy duty brass valve and adjusting nut
- for use with hot water up to **180°F**

Thread Size	Part #	Price/E
3/4" GHT	SN75	\$23.50

Pistol-Grip Water Nozzle


Features:

- clip locks to any spray pattern
- easy squeeze on/off lever
- heavy duty all zinc metallized body
- brass valve and adjusting nut
- stainless steel spring with lifetime packing
- rubber handle guard

Thread Size	Part #	Price/E
3/4" GHT	CSN75	\$13.45

Brass Twist Nozzles

Features:

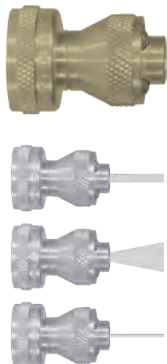
- brass
- maximum operating pressure **150 PSI** (water only)



Thread Size	Length	Part #	Price/E
3/4" GHT	4"	BTN75	\$17.90
3/4" GHT	4"	500AN4¹	13.05
3/4" GHT	6"	500-AN7¹	37.98

¹ Imported product

Adjust-a-Power Nozzle


Features:

- ideal for patio, auto and boat, driveway and garden
- produces 50% more power than twist nozzles
- does not require a washer
- leave nozzle in the open position when not in use
- brass construction with stainless steel bearings
- maximum operating pressure: **100 PSI** (water only) at ambient temperature (70°F)

Thread Size	Part #	Price/E
3/4" GHT	AAPN75GHT	\$24.00

Nozzles and Accessories

Green Constant Flow Nozzle Display

Features:

- shatterproof and UV resistant GE Lexan® is able to withstand tough environmental conditions
- easy twist spray pattern adjustment
- sold in case quantity only, with display 25 nozzles per case



Thread Size	45° Spray GPM @ 100 PSI	Part #	Price/case
3/4" GHT	25.1	FNB75GHT-GD	\$493.00

Green Constant Flow Nozzle with Bumper

Features:

- green plastic
- steel stem
- can be used as a replacement for nozzles in the case listed above



Thread Size	45° Spray GPM @ 100 PSI	Part #	Price/E
3/4" GHT	25.1	GNB75GHT	\$20.30

Fire Hose Nozzle with Bumper

Features:

- red polycarbonate with brass stem
- adjusts from Straight Stream to Fog
- maximum operating pressure: **100 PSI** (water only) at ambient temperature (70°F)



Thread Size	Solid Stream @ 100 PSI	45° Spray GPM @ 100 PSI	120° Spray GPM @ 100 PSI	Part #	Price/E
3/4" GHT	20	25.1	30.9	FNB75GHT	\$40.80

Brass Sweeper Nozzle

Thread Size	Discharge	Length	Part #	Price/E
3/4" GHT	3/16"	2"	PSN76	\$7.75



Brass Plain Hose Nozzle

Features:

- satin finish
- maximum operating pressure: **100 PSI** (water only) at ambient temperature (70°F)



Thread Size	Discharge	Length	Brass Part #	Price/E
3/4" GHT	1/4"	6"	BN6	\$41.75

Hydrant Adapter

Female NST	Male GHT	Cast Brass Part #	Price/E
2 1/2"	3/4"	HA2576	\$29.35



Washers and Gaskets



TVW7



TRW7



TVS7-30



5911212W

Material	Description	Part #	Price/E	Opt Qty
red vinyl	GHT washer	TVW7	\$0.10	100
white rubber (Styrene Butadiene)	GHT washer	TRW7	0.25	100
FDA approved, black vinyl	garden hose screen gasket, 6050 mesh, 304 SS	TVS7-30	0.82	100
black 80 duro SBR	GHT washer	5911212W	0.27	100

Compression bibb faucets sold on pages 324 and 684.

Garden Hose Accessories

Standard Flow Fittings

Flexible Water Nozzle

Features:

- bends for water flow, shuts off when released
- 3/4" GHT



Part #	Price/E
8005	\$41.15

Radiator Bibb

Features:

- vinyl spout
- 1/4" female pipe thread connection



Part #	Price/E
8013	\$30.20

Garden Hose Gooseneck

Features:

- powder-coated zinc gooseneck connector angles hose away from hose bib
- working pressure: **125 PSI** at ambient temperature (70°F)



Part #	Price/E
GHGN	\$14.10

Straight GHT Valve

Features:

- powder-coated zinc shut-off valve
- maximum temperature: **160°F** (hot water)
- working pressure: **150 PSI**



Part #	Price/E
GHV	\$12.20

GHT Twin Valve

Features:

- powder-coated zinc with twin shut-off valves
- maximum temperature: **160°F** (hot water)
- working pressure: **150 PSI**



Part #	Price/E
GHYV	\$17.10

GHT Y

Features:

- powder-coated zinc with twin outlet
- includes one end cap
- maximum temperature: **160°F** (hot water)
- working pressure: **150 PSI**



Part #	Price/E
GHY	\$9.75

GHT 4-Valve Manifold

Features:

- forged brass body, stainless steel balls, PTFE seats
- swivel inlet
- maximum temperature: **122°F**
- maximum operating pressure: **100 PSI**



Part #	Price/E
500GH4VBK	\$63.72

Back Flow Preventer

NEW

Features:

- brass bar stock
- maximum operating pressure: **125 PSI**
- temperature range: **33°F to 140°F**
- EPDM gasket
- stainless steel components



Part #	Price/E
500BFP	\$25.73

Compression Bibb Faucets



Features:

- rough brass finish
- nozzle end is GHT
- for water use only

Male NPT Inlet Size	Brass	
	Part #	Price/E
1/2"	35-201-10	\$28.70
3/4"	35-202-10	28.70

GHT Zinc Hose Fittings

Features:

- premium brass and zinc construction for maximum strength and durability
- patented impact resistant clamp design
- non-corroding high grade 410 stainless steel screws will not strip when tightened
- leakproof, reusable
- for use with rubber or plastic hose
- **fits all 5/8" and 3/4" hose**

Opt Qty	Female Part #	Price/E	Male Part #	Price/E	Mender Part #	Price/E
48	M5834F	\$14.75	M5834M	\$13.10	M5834HM	\$20.25



female



male



mender



GHT Coupler and Adapter

Size	glass reinforced nylon Part #	Price/E
3/4"	75-AGH-NY	\$8.00



male adapter x female GHT

Size	glass reinforced nylon Part #	Price/E
3/4"	75-BGH-NY	\$17.10



female coupler x male GHT

Garden Hose Quick Connectors

Features:

- easy push-pull ring for long lasting and quick hose attachments
- maximum operating pressure: **150 PSI** at ambient temperature (140°F maximum temperature)

Description	Brass Part #	Price/E
complete assembly	DGH7	\$14.64
male plug	DGH7P	4.64
female coupler	DGH7C	10.00
seal	DGHW7	0.77
valved female coupler - water shutoff	DGH7CV	14.20
complete valved assembly	DGH7V	18.84



Description	303 Stainless Steel Part #	Price/E
complete assembly	DGH7SS	\$83.60
male plug	DGH7PSS	26.05
female coupler	DGH7CSS	57.55

NEW



Spray Valve and Hose Assembly

Spray Valves

Features:

- even spray valve mist provides the proper moisture on paper roll ends
- helps eliminate wrinkles and folder delivery problems, increasing pressroom production and reducing waste
- A slight flex of the hose in any direction (360°) activates the spray.
- quick action with no protruding levers, thumb depressors, triggers or other devices utilized
- Positive water seal when hose is released causes the internal valve to close and immediately shut off spray.
- sealed mechanism with no packing gland



valve with hook

Female NPT Size	Description	Part #	Price/E
1/4"	valve only	83304	\$54.35
3/8"	valve only	83306	55.40
1/4"	valve with hook	83304H	56.84
3/8"	valve with hook	83306H	57.75

H

Spray Valve Hose Assembly

Male NPT Inlet	Description	Part #	Price/E
3/8"	3/8" ID, 5' hose	8320605	\$81.50

Short Shank GHT Fittings

use with washers on page 323

complete GHT couplings



round nut



hex nut

Hose Size	Brass			
	Part # (round nut)	Price/E	Part # (hex nut)	Price/E
1/2"	BGH74	\$13.03	HNBGH74	\$13.10
5/8"	BGH75	13.40	HNBGH75	13.18
3/4"	BGH76	13.71	HNBGH76	13.53

female GHT couplings



round nut



hex nut

Hose Size	Shank Length	Brass			
		Part # (round nut)	Price/E	Part # (hex nut)	Price/E
1/2"	1"	BGHF74	\$6.55	HNBGHF74	\$6.62
5/8"	1"	BGHF75	6.92	HNBGHF75	6.70
3/4"	1"	BGHF76	7.23	HNBGHF76	7.05

male GHT couplings



Hose Size	Shank Length	Brass	
		Part #	Price/E
1/2"	1"	BGHM74	\$6.48
5/8"	1"	BGHM75	6.48
3/4"	1"	BGHM76	6.48

Short Shank Fitting with Octagon Nut complete couplings

Hose Size	Shank Length	Aluminum	
		Part #	Price/E
3/8"	13/16"	ABC73	\$5.95
1/2"	13/16"	ABC74	5.95
5/8"	1-1/8"	ABC75	5.95
3/4"	1-1/8"	ABC76	5.95



Short Shank Fittings - NPSM Thread

use with KRW washers on page 291

complete machined coupling

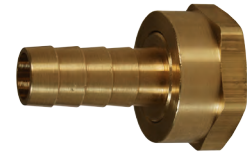
Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	BS406	\$19.55
3/4"	3/4"	BS606	20.40
1"	1"	BS808 ¹	27.90



H

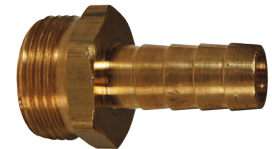
machined female with swivel nut

Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	BS446	\$8.75
5/8"	3/4"	BS546	9.55
3/4"	3/4"	BS646	9.80
1"	1"	BS848 ¹	13.65



machined male

Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	BS416	\$10.80
3/4"	3/4"	BS616	10.60
1"	1"	BS818 ¹	14.25



¹ NPSH threads

GHT Thread Fittings with Hex Nut

use with washers on page 291

complete cast coupling (sold in complete sets only)



Hose Size	Brass		Price/E
	Part #		
1/2"	CBC74		\$12.60
5/8"	CBC75		12.60
3/4"	CBC76		12.60
1"	CBC88 ¹		21.50

¹ NPSM threads

complete machined coupling



Hose Size	Brass		303 Stainless	
	Part #	Price/E	Part #	Price/E
3/8"	BC73	\$13.68	---	---
1/2"	BC74	13.36	SSC74	\$162.31
5/8"	BC75	13.92	SSC75	162.15
3/4"	BC76	14.23	SSC76	162.15
1"	BC78	21.63	---	---

machined female with swivel nut



Hose Size	Brass		303 Stainless		Pkg Qty
	Part #	Price/E	Part #	Price/E	
3/8"	BCF73	\$7.11	---	---	25
1/2"	BCF74	7.11	SSCF74	\$100.48	25
5/8"	BCF75	7.11	SSCF75	100.48	25
3/4"	BCF76	7.42	SSCF76	100.48	25
1"	BCF78	12.68	---	---	10

machined male



Hose Size	Brass		303 Stainless		Pkg Qty
	Part #	Price/E	Part #	Price/E	
3/8"	BCM73	\$6.57	---	---	25
1/2"	BCM74	6.25	SSCM74	\$61.83	25
5/8"	BCM75	6.81	SSCM75	61.66	25
3/4"	BCM76	6.81	SSCM76	61.66	25
1"	BCM78	8.95	---	---	10

GHT Adapters



female GHT swivel

Female x Female	Brass		Opt Qty
	Part #	Price/E	
GHT x GHT	BA977	\$10.13	25



female GHT swivel x female NPTF

Female x Female	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 1/2" NPTF	BAS974	\$8.75	RAS974 ¹	\$74.84	25
GHT x 3/4" NPTF	BAS976	10.62	RAS976 ¹	80.33	10



female GHT swivel x male NPTF

Female x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 1/4" NPTF	504-1204	\$9.20	---	---	25
GHT x 3/8" NPTF	504-1206	9.31	---	---	25
GHT x 1/2" NPTF	504-1208	9.16	R504-1208 ¹	\$86.61	25
GHT x 3/4" NPTF	504-1212	11.05	R504-1212 ¹	93.90	20



female GHT x male NPTF

Female x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 3/8" NPTF	BMA973	\$8.85	---	---	25
GHT x 1/2" NPTF	BMA974	8.19	RMA974 ¹	\$50.04	25
GHT x 3/4" NPTF	BMA976	10.26	RMA976 ¹	51.66	25



rigid female GHT x female NPTF

Female x Female	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 1/8" NPTF	BA971	\$8.24	---	---	50
GHT x 1/4" NPTF	BA972	8.50	---	---	25
GHT x 3/8" NPTF	BA973	8.45	---	---	25
GHT x 1/2" NPTF	BA974	11.45	RA974 ¹	\$49.48	25
GHT x 3/4" NPTF	BA976	10.40	RA976 ¹	49.28	25



threaded male

Male x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x GHT	BA777 ²	\$6.03	RA777 ¹	\$37.35	25
1" NPSH x GHT	509-1612 ²	12.05	---	---	20



male GHT x male NPTF

Male x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 3/8" NPTF	BA73 ²	\$5.43	---	---	25
GHT x 1/2" NPTF	BA74 ²	5.88	RA74 ¹	\$40.95	25
GHT x 3/4" NPTF	BA776 ^{2,3}	6.37	RA776 ¹	39.62	25
GHT x 1" NPTF	BA78 ²	14.48	---	---	10



male GHT x female NPTF

Male x Female	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x 1/4" NPTF	507-1204 ²	\$4.73	---	---	25
GHT x 3/8" NPTF	507-1206 ²	4.94	---	---	25
GHT x 1/2" NPTF	BA794 ²	5.09	RA794 ¹	\$29.55	25
GHT x 3/4" NPTF	BA796 ²	8.06	RA796 ¹	49.00	25



garden hose cap

Female	Brass		Opt Qty
	Part #	Price/E	
GHT	GHC7	\$4.42	25

¹ stainless steel fittings are NPT

² redesigned with extended male GHT and deeper thread

³ BA776 also has 1/2" female NPT on ID of 3/4" male NPT side

Adapters

Feature: hex nipples

- ref SAE 130137



NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8" x 1/8"	BCN12	\$2.52	100
1/4" x 1/4"	BCN25	2.81	100
3/8" x 3/8"	BCN37	4.09	50
1/2" x 1/2"	BCN50	5.70	25
3/4" x 3/4"	BCN75	7.50	25
1" x 1"	BCN100	18.00	10

hex head plugs



NPT Thread	Brass Part #	Price/E
1/8"	HHP1M	\$1.91
1/4"	HHP2M	1.87
3/8"	HHP3M	2.60
1/2"	HHP4M	4.42
3/4"	HHP6M	6.81
1"	HHP8M	13.10

- hex head plug is hollow

square head plugs ¹



NPT Thread	Brass Part #	Price/E	Opt Qty
1/8"	211-0200C	\$2.41	50
1/4"	211-0400C	4.00	100
3/8"	211-0600C	6.00	25
1/2"	211-0800C	10.88	25
3/4"	211-1200C	16.78	25

- ¹ lead free brass per NSF

male unions



NPSM	NPSM	Brass Part #	Price/E
1/8"	1/8"	176-0202	\$2.93
1/4"	1/4"	176-0404	3.65
3/8"	3/8"	176-0606	4.82
1/2"	1/2"	176-0808	6.30

female NPSH x female NPSH swivel



Female NPSH	Female NPSH	Brass Part #	Price/E
1"	1"	BA1616	\$19.25

female hex couplings

Feature:

- ref SAE 130138



NPTF Thread	Brass Part #	Price/E
1/8" x 1/8"	BA1F1F	\$3.14
1/4" x 1/4"	BA2F2F	4.85
3/8" x 3/8"	BA3F3F	5.70
1/2" x 1/2"	BA4F4F	8.70
3/4" x 3/4"	BA6F6F	15.38

hex socket plugs ¹



NPT Thread	Brass Part #	Price/E	Opt Qty
1/8"	219-0200	\$1.34	50
1/4"	219-0400	2.40	100
3/8"	219-0600	3.60	25
1/2"	219-0800	6.84	25
3/4"	219-1200	10.00	25

- ¹ lead free brass per NSF

threaded unions



NPT Thread	Brass Part #	Price/E
1/4"	TUN2F	\$26.75
3/8"	TUN3F	26.75
1/2"	TUN4F	29.90

ball seat to male pipe



NPSM	NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	BSM11	\$2.40	100
1/4"	1/8"	BSM21	3.10	100
1/4"	1/4"	BSM22	2.61	100
3/8"	1/4"	BSM32	4.15	100
3/8"	3/8"	BSM33	4.20	50
3/8"	1/2"	BSM34	7.15	50
1/2"	3/8"	BSM43	4.75	50
1/2"	1/2"	BSM44	5.80	50
3/4"	3/4"	BSM66	7.82	25

Bulkhead Couplings



Brass Part #	Female NPTF	Hole Size	Length	Price/E
207BH2	1/8"	5/8"	1.50"	\$10.26
207BH4	1/4"	3/4"	1.50"	11.97
207BH4S	1/4"	3/4"	.94"	9.65
207BH6	3/8"	1"	1.31"	15.16
207BH8	1/2"	1 1/8"	1.50"	20.60
207BH12	3/4"	1-5/16"	1.50"	105.44

Adapters

reducer hex bushings

Feature:

- ref SAE 130140

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/4"	HB1F2M	\$2.10	100
1/8"	3/8"	HB1F3M	2.50	100
1/8"	1/2"	HB1F4M	4.75	25
1/8"	3/4"	HB1F6M	7.70	25
1/4"	3/8"	HB2F3M	2.73	100
1/4"	1/2"	HB2F4M	4.27	50
1/4"	3/4"	HB2F6M	7.85	25
1/4"	1"	HB2F8M	15.50	10
3/8"	1/2"	HB3F4M	3.61	50
3/8"	3/4"	HB3F6M	6.95	25
3/8"	1"	HB3F8M	14.86	10
1/2"	3/4"	HB4F6M	7.20	25
1/2"	1"	HB4F8M	14.08	10
3/4"	1"	HB6F8M	11.60	10



reducer hex nipples

Feature:

- ref SAE 130137

NPTF Thread	Brass Part #	Price/E	Opt Qty
1/4" X 1/8"	HN2M1M	\$3.11	100
3/8" X 1/8"	HN3M1M	4.68	50
3/8" X 1/4"	HN3M2M	4.05	50
1/2" X 1/4"	HN4M2M	5.50	50
1/2" X 3/8"	HN4M3M	5.57	50
3/4" X 1/2"	HN6M4M	8.65	25



threaded adapters

Female NPTF	Male NPSM	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	174-0404	\$5.02	100
3/8"	3/8"	174-0606	4.75	50
1/2"	1/2"	174-0808	6.75	50



Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	RA1F1M	\$3.73	100
1/4"	1/4"	RA2F2M	4.36	50
3/8"	3/8"	RA3F3M	5.57	50
1/2"	1/2"	RA4F4M	7.73	25
3/4"	3/4"	RA6F6M	13.61	10



reducer adapters

Feature:

- ref SAE 130139

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/4"	1/8"	RA2F1M	3.90	50
3/8"	1/8"	RA3F1M	4.82	50
3/8"	1/4"	RA3F2M	4.75	50
1/2"	1/4"	RA4F2M	7.05	25
1/2"	3/8"	RA4F3M	6.21	25
3/4"	3/8"	RA6F3M	11.29	10
3/4"	1/2"	RA6F4M	10.65	10



reducer couplings

Feature:

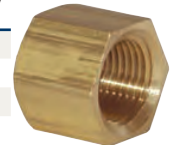
- ref SAE 130138

Female NPTF	Brass Part #	Price/E
1/4" X 1/8"	RC2F1F	\$4.80
3/8" X 1/8"	RC3F1F	6.44
3/8" X 1/4"	RC3F2F	5.25
1/2" X 1/4"	RC4F2F	7.32
1/2" X 3/8"	RC4F3F	7.09
3/4" X 3/8"	RC6F3F	11.91
3/4" X 1/2"	RC6F4F	11.66



NPT pipe caps

Female NPT	Brass Part #	Price/E	Opt Qty
1/8"	213-0200	\$2.30	50
1/4"	213-0400	3.40	100
3/8"	213-0600	6.17	25
1/2"	213-0800	10.38	25
3/4"	213-1200	10.97	25



Pipe Nipples

long pipe nipples

- carbon steel and stainless steel nipples are available on page 731



NPT Thread	Length	Brass Part #	Price/E	Opt Qty
1/8"	1 1/2"	166-0215	\$2.51	25
1/8"	2"	166-0220	3.47	25
1/8"	2 1/2"	166-0225	4.22	25
1/8"	3"	166-0230	4.26	25
1/8"	3 1/2"	166-0235	4.67	10
1/8"	4"	166-0240	5.63	10
1/4"	1 1/2"	166-0415	3.92	25
1/4"	2"	166-0420	4.94	25
1/4"	2 1/2"	166-0425	6.57	25
1/4"	3"	166-0430	6.00	25
1/4"	3 1/2"	166-0435	6.50	10
1/4"	4"	166-0440	6.83	10
1/4"	5"	166-0450	8.58	5
3/8"	1 1/2"	166-0615	3.87	25
3/8"	2"	166-0620	5.12	25
3/8"	2 1/2"	166-0625	7.86	10
3/8"	3"	166-0630	7.83	10
3/8"	3 1/2"	166-0635	9.17	10
3/8"	4"	166-0640	10.55	5
1/2"	1 1/2"	166-0815	5.50	10
1/2"	2"	166-0820	6.30	10
1/2"	2 1/2"	166-0825	9.45	10
1/2"	3"	166-0830	10.83	10
1/2"	3 1/2"	166-0835	11.79	10
1/2"	4"	166-0840	11.90	5
3/4"	2"	166-1220	9.40	25
3/4"	2 1/2"	166-1225	12.00	25
3/4"	3"	166-1230	13.04	25
3/4"	3 1/2"	166-1235	13.70	25
1"	2"	TN100X2B	21.00	---
1"	3"	TN100X3B	31.50	---
1"	4"	TN100X4B	42.00	---
1 1/2"	2"	TN150X2B	34.15	---
1 1/2"	3"	TN150X3B	47.00	---
2"	3"	TN200X3B	63.00	---
2"	4"	TN200X4B	84.00	---
2"	6"	TN200X6B	116.30	---

close pipe nipples

- carbon steel, galvanized steel and stainless steel nipples are available on pages 253 and 730



NPT Thread	Brass Part #	Price/E	Opt Qty
1/8"	165-0202	\$1.62	50
1/4"	165-0404	2.20	50
3/8"	165-0606	2.52	100
1/2"	165-0808	6.29	25
3/4"	165-1212	9.60	25
1"	165-1616	12.70	25
1 1/2"	CN150B	31.75	5
2"	CN200B	48.35	5
3"	CN300B	173.40	5

Pipe Crosses - Extruded



Female NPTF Size	Brass Part #	Price/E	Opt Qty
1/8"	228-0202	\$6.34	25
1/4"	228-0404	10.67	25
3/8"	228-0606	12.93	25
1/2"	228-0808	27.50	10
3/4"	228-1212	41.45	10

Tees

street tees - extruded

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	326-0202	\$5.15	25
1/4"	1/4"	326-0404	8.25	25
3/8"	3/8"	326-0606	11.40	25
1/2"	1/2"	326-0808	22.30	25
3/4"	3/4"	326-1212	34.80	10

Feature:

- ref SAE 130424



male branch tees - extruded

NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8"	324-0202	\$6.00	25
1/4"	324-0404	9.25	25
3/8"	324-0606	11.61	25
1/2"	324-0808	20.83	25
3/4"	324-1212	35.19	10

Feature:

- ref SAE 130425



female tees - extruded

NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8"	322-0202	\$5.00	25
1/4"	322-0404	8.60	25
3/8"	322-0606	11.61	25
1/2"	322-0808	22.28	25
3/4"	322-1212	29.60	10

Feature:

- ref SAE 130438



Elbows

90° male pipe elbows - forged

Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	169-0202	\$3.45	25
1/4"	169-0404	4.76	25
3/8"	169-0606	6.85	25
1/2"	169-0808	11.45	25



90° female pipe elbows - extruded

Female NPTF	Brass Part #	Price/E	Opt Qty
1/8"	EL1F1F	\$4.50	25
1/4"	EL2F2F	7.11	25
3/8"	EL3F3F	9.65	25
1/2"	EL4F4F	17.85	25
3/4"	EL6F6F	26.50	10

Feature:

- ref SAE 130238



90° street elbows - extruded

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	SE1F1M	\$4.41	25
1/4"	1/8"	SE2F1M	6.43	25
1/4"	1/4"	SE2F2M	7.03	25
3/8"	1/4"	SE3F2M	8.51	25
3/8"	3/8"	SE3F3M	9.71	25
1/2"	3/8"	SE4F3M	14.00	25
1/2"	1/2"	SE4F4M	17.35	25
3/4"	1/2"	SE6F4M	19.42	25
3/4"	3/4"	SE6F6M	25.95	10

Feature:

- ref SAE 130239



45° street elbows - extruded

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	306-0202	\$4.55	25
1/4"	1/4"	306-0404	4.91	25
3/8"	3/8"	306-0606	7.55	25
1/2"	1/2"	306-0808	13.23	25
3/4"	3/4"	306-1212	21.45	10

Feature:

- ref SAE 130339



Barbed Hose Fittings

male inserts

Hose ID	Male NPTF	Brass		Opt Qty	Hose ID	NPTF Thread	Brass		Opt Qty
		Part #	Price/E				Part #	Price/E	
1/8"	1/8"	BN11	\$1.71	100	1/2"	1/4"	BN42	\$3.15	50
1/8"	1/4"	BN122	2.24	100	1/2"	3/8"	BN43	3.22	50
3/16"	1/8"	BN151	1.88	100	1/2"	1/2"	BN44	4.90	50
3/16"	1/4"	BN152	2.42	100	1/2"	3/4"	BN46	7.30	25
1/4"	1/8"	BN21	1.91	100	5/8"	3/8"	BN53	3.64	50
1/4"	1/4"	BN22	2.07	100	5/8"	1/2"	BN54	5.32	25
1/4"	3/8"	BN23	3.19	100	5/8"	3/4"	BN56	7.35	50
1/4"	1/2"	BN24	6.31	50	3/4"	1/2"	BN64	6.22	50
5/16"	1/8"	BN251	2.08	100	3/4"	3/4"	BN66	6.75	20
5/16"	1/4"	BN252	2.45	50	1"	3/4"	BN86	9.08	25
5/16"	3/8"	BN253	3.16	50	1"	1"	BN88	14.81	10
3/8"	1/8"	BN31	2.40	100	1 1/4"	3/4"	BN106	18.57	10
3/8"	1/4"	BN32	2.10	100	1 1/4"	1"	BN108	17.96	10
3/8"	3/8"	BN33	3.16	50					
3/8"	1/2"	BN34	5.50	25					
3/8"	3/4"	BN36	7.71	25					



BSPT male inserts

Hose ID	Male BSPT	Brass		Opt Qty
		Part #	Price/E	
1/4"	1/8"	BN21BSPT	\$2.71	100
1/4"	1/4"	BN22BSPT	2.98	100
3/8"	1/4"	BN32BSPT	3.16	100
3/8"	3/8"	BN33BSPT	4.30	50
3/8"	1/2"	BN34BSPT	7.62	25
1/2"	3/8"	BN43BSPT	4.82	50
1/2"	1/2"	BN44BSPT	6.52	50
3/4"	3/4"	BN66BSPT	8.90	25
1"	1"	BN88BSPT	18.02	10

solid female inserts

Hose ID	Female NPTF	Brass		303 Stainless Steel		Opt Qty
		Part #	Price/E	Part #	Price/E	
1/8"	1/8"	BF11	\$2.40	---	---	100
1/8"	1/4"	BF12	3.59	---	---	100
3/16"	1/8"	BF151	2.55	---	---	100
3/16"	1/4"	BF152	3.50	---	---	100
1/4"	1/8"	BF21	2.20	---	---	100
1/4"	1/4"	BF22	2.84	BF22SS	\$28.58	100
1/4"	3/8"	BF23	3.66	---	---	50
1/4"	1/2"	BF24	5.40	---	---	50
5/16"	1/8"	BF251	3.11	---	---	100
5/16"	1/4"	BF252	3.40	---	---	100
5/16"	3/8"	BF253	4.12	---	---	100
3/8"	1/8"	BF31	2.96	---	---	100
3/8"	1/4"	BF32	2.82	BF32SS	26.21	50
3/8"	3/8"	BF33	3.82	BF33SS	29.15	50
3/8"	1/2"	BF34	5.55	---	---	50
3/8"	3/4"	BF36	10.53	---	---	25
1/2"	1/4"	BF42	3.42	---	---	50
1/2"	3/8"	BF43	4.20	---	---	50
1/2"	1/2"	BF44	5.36	BF44SS	32.92	50
1/2"	3/4"	BF46	9.82	---	---	25
5/8"	3/8"	BF53	4.45	---	---	50
5/8"	1/2"	BF54	5.50	---	---	25
5/8"	3/4"	BF56	9.81	---	---	25
3/4"	1/2"	BF64	6.10	---	---	25
3/4"	3/4"	BF66	10.40	---	---	20
1"	3/4"	BF86	11.19	---	---	20
1"	1"	BF88	17.00	---	---	10
1-1/4"	1"	BF108	17.76	---	---	10



Beaded Hose Barbs

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	268B0402	\$2.50	100
1/4"	1/4"	268B0404	2.66	100
5/16"	1/8"	268B0502	2.42	100
5/16"	1/4"	268B0504	2.74	50
3/8"	1/8"	268B0602	3.02	100
3/8"	1/4"	268B0604	2.91	100
3/8"	3/8"	268B0606	3.73	50
1/2"	3/8"	268B0806	3.77	50
1/2"	1/2"	268B0808	6.70	50
5/8"	1/2"	268B1008	6.75	25
3/4"	1/2"	268B1208	7.12	50
3/4"	3/4"	268B1212	9.00	25



Barbed Hose Elbows

male insert 45° elbows - forged

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	139-0402	\$4.22	100
1/4"	1/4"	139-0404	6.60	25
3/8"	1/8"	139-0602	5.20	100
3/8"	1/4"	139-0604	4.91	100
3/8"	3/8"	139-0606	8.00	25
1/2"	1/4"	139-0804	7.82	25
1/2"	3/8"	139-0806	7.45	25
1/2"	1/2"	139-0808	9.83	25
3/4"	1/2"	139-1208	16.23	25



female insert 90° elbows - forged

Hose ID	Female NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	134-0402	\$5.82	50
1/4"	1/4"	134-0404	7.72	50
3/8"	1/4"	134-0604	7.27	50
3/8"	3/8"	134-0606	10.10	50
1/2"	1/4"	134-0804	6.90	25
1/2"	3/8"	134-0806	11.36	25
1/2"	1/2"	134-0808	23.44	25
3/4"	3/4"	134-1212	34.35	25



Barbed Hose Elbows

male insert 90° elbows - forged



Hose ID	Male NPTF	Brass Part #	Price/E	316 Stainless ¹ Part #	Price/E	Opt Qty
3/16"	1/8"	EL15H1M	\$3.69	---	---	50
1/4"	1/8"	EL2H1M	3.45	---	---	50
1/4"	1/4"	EL2H2M	5.01	EL2H2MSS	\$27.18	50
1/4"	3/8"	EL2H3M	6.20	---	---	50
5/16"	1/8"	EL25H1M	4.25	---	---	25
5/16"	1/4"	EL25H2M	5.62	---	---	50
5/16"	3/8"	EL25H3M	6.25	---	---	50
3/8"	1/8"	EL3H1M	3.76	---	---	50
3/8"	1/4"	EL3H2M	5.01	EL3H2MSS	28.15	50
3/8"	3/8"	EL3H3M	6.60	EL3H3MSS	27.80	50
3/8"	1/2"	EL3H4M	9.25	---	---	25
1/2"	1/4"	EL4H2M	5.50	EL4H2MSS	31.95	50
1/2"	3/8"	EL4H3M	6.80	---	---	50
1/2"	1/2"	EL4H4M	9.07	EL4H4MSS	32.90	25
5/8"	3/8"	EL5H3M	11.61	---	---	25
5/8"	1/2"	EL5H4M	12.46	---	---	25
3/4"	1/2"	EL6H4M	15.55	---	---	25
3/4"	3/4"	EL6H6M	21.78	EL6H6MSS	58.10	25
1"	3/4"	EL8H6M	27.45	---	---	10
1"	1"	EL8H8M	36.17	---	---	10

¹ 316 stainless steel parts have NPT threads

Barbed Hose Splicers

hose barb 90° elbow splicers - forged



Hose ID	Brass Part #	Price/E	304 Stainless Part #	Price/E	Pkg Qty
1/8"	177-0202	\$4.76	177-0202SS	\$18.85	25
3/16"	177-0303	4.00	177-0303SS	38.20	25
1/4" x 1/8"	177-0402	5.35	---	---	25
1/4"	177-0404	3.78	177-0404SS	11.45	25
5/16"	177-0505	6.12	---	---	25
3/8" x 1/4"	177-0604	6.16	---	---	25
3/8"	177-0606	5.80	177-0606SS	15.84	25
1/2" x 3/8"	177-0806	7.00	---	---	25
1/2"	177-0808	7.00	177-0808SS	30.85	25
5/8"	177-1010	13.65	---	---	25
3/4" x 1/2"	177-1208	14.25	---	---	25
3/4"	177-1212	18.17	---	---	25

hose barb tee splicers - forged



Hose ID	Brass Part #	Price/E	304 Stainless Part #	Price/E	Pkg Qty
1/8"	179-0202	\$5.82	179-0202SS	\$38.20	25
3/16"	179-0303	4.73	179-0303SS	30.60	100
1/4" x 1/8"	179-0402	5.85	---	---	25
1/4"	179-0404	4.56	179-0404SS	26.37	25
5/16"	179-0505	6.21	---	---	25
3/8" x 1/4"	179-0604 ¹	10.65	---	---	25
3/8"	179-0606	6.00	179-0606SS	32.32	25
1/2" x 3/8"	179-0806	9.95	---	---	25
1/2"	179-0808	8.86	179-0808SS	49.23	25
5/8"	179-1010	13.46	---	---	25
3/4" x 1/2"	179-1208	19.50	---	---	25
3/4"	179-1212	18.82	---	---	20

¹ drop leg has 1/4"-18 male NPTF thread

Hose Menders

Hose ID	Brass Part #	Price/E	Pkg Qty
1/8"	BM1	\$1.98	100
3/16"	BM15	1.75	100
1/4"	BM2	2.00	100
1/4" x 1/8"	BM2-1	2.51	100
5/16"	BM25	2.34	100
3/8"	BM3	2.40	100
3/8" x 1/4"	BM3-2	3.05	100
1/2"	BM4	3.36	50
1/2" x 3/8"	BM4-3	4.00	50
5/8"	BM5	4.00	50
5/8" x 3/8"	BM5-3	4.41	50
5/8" x 1/2"	BM5-4	5.37	50
3/4"	BM6	5.60	50
3/4" x 1/2"	BM6-4	6.22	50
1"	BM8	10.50	10



Barbed Hose Fittings

male 45° SAE x hose barb

Hose ID	Male UNF	Brass Part #	Price/E	Pkg Qty
3/16"	7/16"-20	142-0307	\$3.25	100
1/4"	7/16"-20	142-0407	2.60	100
1/4"	5/8"-18	142-0410	3.55	100
5/16"	1/2"-20	142-0508	3.05	100
3/8"	5/8"-18	142-0610	3.75	50
3/8"	3/4"-16	142-0612	5.22	50
1/2"	3/4"-16	142-0812	5.03	50



male NPTF swivel x hose barb

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	103-0402	\$7.64	100
1/4"	1/4"	103-0404	5.70	100
3/8"	1/4"	103-0604	6.02	100
3/8"	3/8"	103-0606	6.64	50
1/2"	3/8"	103-0806	8.09	50
1/2"	1/2"	103-0808	9.85	25
3/4"	3/4"	103-1212	13.08	25
1"	1-11 1/2"	103-1616 ¹	52.37	10



• swivel is for assembly convenience only, not for live swivel applications

¹ capped threads / 120 maximum PSI

female NPTF swivel x hose barb

Hose ID	Female NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/4"	105-0404	\$7.34	100
3/8"	1/4"	105-0604	7.56	50
3/8"	3/8"	105-0606	7.85	50
1/2"	3/8"	105-0806	8.15	50
1/2"	1/2"	105-0808	8.85	25



• swivel is for assembly convenience only, not for live swivel applications

female 37° JIC swivel x hose barb

Hose ID	Female UNF	Brass Part #	Price/E	Pkg Qty
3/8"	9/16"-18	145-0609	\$3.64	100
3/4"	1-1/16"-12	145-1217	14.10	25



Barbed Hose Fittings

female NPSM swivel x hose barb ball seat type



Hose ID	Female NPSM	Brass Part #	Price/E	Pkg Qty
1/8"	1/8"	BFS11	\$2.88	100
3/16"	1/8"	BFS151	2.52	100
3/16"	1/4"	BFS152	3.55	100
1/4"	1/8"	BFS21	3.00	100
1/4"	1/4"	BFS22	3.24	100
1/4"	3/8"	BFS23	4.71	100
5/16"	1/4"	BFS252	3.92	100
5/16"	3/8"	BFS253	5.20	50
3/8"	1/4"	BFS32	3.15	100
3/8"	3/8"	BFS33	4.32	100
3/8"	1/2"	BFS34	7.00	100
1/2"	3/8"	BFS43	7.36	50
1/2"	1/2"	BFS44	6.62	100
3/4"	3/4"	BFS66	10.00	50

female NPSM swivel x hose barb gasket seat type



Hose ID	Female NPSM	Brass Part #	Price/E	Pkg Qty
1/8"	1/8"	126-0202	\$4.40	100
3/16"	1/8"	126-0302	4.32	100
3/16"	1/4"	126-0304	4.80	100
1/4"	1/8"	126-0402	4.65	100
1/4"	1/4"	126-0404	4.30	100
1/4"	3/8"	126-0406	5.71	100
5/16"	1/4"	126-0504	5.31	100
3/8"	1/4"	126-0604	4.35	100
3/8"	3/8"	126-0606	5.37	50
3/8"	1/2"	126-0608	7.27	50
1/2"	3/8"	126-0806	7.61	50
1/2"	1/2"	126-0808	7.38	50
3/4"	3/4"	126-1212	9.36	25

• not recommended for water.

female 45° SAE swivel x hose barb



Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Pkg Qty
3/16"	3/16"	3/8"-24	144-0306	\$4.50	100
1/4"	3/8"	5/8"-18	144-0410	4.43	100
5/16"	3/8"	5/8"-18	144-0510	5.10	100
3/8"	3/8"	5/8"-18	144-0610	4.37	100
1/2"	1/2"	3/4"-16	144-0812	6.02	100
3/4"	3/4"	1-1/16"-14	144-1217	13.64	25

female 45°SAE / 37°JIC swivel x hose barb (dual angle seat)



Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Pkg Qty
3/16"	1/4"	7/16"-20	143-0307	\$2.95	100
1/4"	1/4"	7/16"-20	143-0407	3.15	100
1/4"	5/16"	1/2"-20	143-0408	5.55	100
5/16"	5/16"	1/2"-20	143-0508	4.91	100
3/8"	1/2"	3/4"-16	143-0612	6.13	100
1/2"	1/2"	3/4"-16	143-0812	5.55	100
1/2"	5/8"	7/8"-14	143-0814	9.36	50

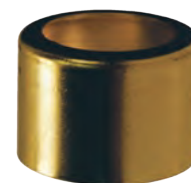
Ferrules

for air and fluid

Brass Part #	Price/E	Pkg Qty	Ferrule ID	Ferrule Length	End Hole Size	Metal Gauge	Std Ind Part #	Ribbed Die*	Plain Die*
BFM478	\$0.45	50	.478"	11/16"	21/64"	.024"	4750	R41	P41/P42
BFM500	0.56	50	.500"	1"	11/32"	.024"	7322	R40	P40
BFM525	0.57	50	.525"	1"	3/8"	.024"	7323	R39	P39
BFM531	0.56	50	.531"	1"	7/16"	.024"	7324	R39	P39
BFM562	0.60	50	.562"	1"	7/16"	.024"	7325	R37	P38
BFM593	0.62	50	.593"	1"	7/16"	.024"	7326	R36	P37
BFM625	0.63	50	.625"	1"	7/16"	.024"	7327	R35	P36
BFM656	0.75	50	.656"	1"	7/16"	.024"	7328	R34	P35
BFM687	0.75	50	.687"	1"	1/2"	.024"	7329	R33	P34
BFM718	0.72	50	.718"	1"	5/8"	.024"	7330	R31	P32
BFM718B	0.72	50	.718"	1"	1/2"	.024"	7330B	R31	P32
BFM750	0.79	50	.750"	1"	5/8"	.024"	7331	R30	P31
BFM750B	0.76	50	.750"	1"	1/2"	.024"	7331B	R30	P31
BFM781	0.91	50	.781"	1"	5/8"	.024"	7332	R29	P30
BFM781B	0.93	50	.781"	1"	1/2"	.024"	7332B	R29	P30
BFM812	0.95	50	.812"	1"	5/8"	.024"	7333	R28	P29
BFL380	0.31	50	.380"	1/2"	17/64"	.016"	622	R44	P45
BFL400	0.35	50	.400"	15/32"	17/64"	.020"	619	R44	P44
BFL410	0.32	50	.410"	1/2"	17/64"	.016"	620	R43	P44
BFL450	0.32	50	.450"	9/16"	11/32"	.016"	769	R41	P42
BFL500	0.33	50	.500"	1/2"	11/32"	.016"	624	R40	P41
BFL525	0.33	50	.525"	1/2"	11/32"	.016"	625	R39	P40
BFL548	0.34	50	.548"	31/64"	3/8"	.015"	626	R38	P39
BFL564	0.45	50	.564"	3/4"	3/8"	.019"	3588	R37	P38
BFL575	0.36	50	.575"	31/64"	15/32"	.019"	KK	R37	P38
BFL600	0.37	50	.600"	1/2"	1/2"	.019"	JJ	R36	P37
BFL625	0.39	50	.625"	1/2"	1/2"	.019"	II	R35	P36
BFL650	0.40	50	.650"	1/2"	1/2"	.019"	HH	R34	P35
BFL675	0.43	50	.675"	33/64"	1/2"	.019"	GG	R34	P34
BFL725	0.43	50	.725"	17/32"	1/2"	.019"	EE	R31	P32
BFL750	0.44	50	.750"	17/32"	1/2"	.019"	DD	R30	P32
BFL775	0.67	50	.775"	17/32"	1/2"	.016"	CC	R31	P31



BFM

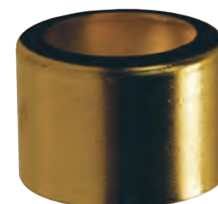


BFL

- These dies for use with 5111A and 1765A ferrule machine. Other sizes are available.
Ribbed Dies per set: **\$190.00**; Plain Dies per set: **\$190.00**

for fluid only

Brass Part #	Price/E	Pkg Qty	Ferrule ID	Ferrule Length	End Hole Size	Metal Gauge	Std Ind Part #	Ribbed Die*	Plain Die*
BF800	\$0.78	25	.800"	.844"	.688"	.024"	---	R28	P29
BF825	0.77	25	.825"	.844"	.688"	.024"	---	R27	P28
BF850	0.55	25	.850"	.568"	.688"	.019"	Z	R26	P27
BFW875	0.79	25	.875"	.844"	.688"	.024"	7244A	R25	P26
BFW900	0.83	25	.900"	.844"	.688"	.024"	5029A	R24	P25
BFW925	1.05	25	.925"	.840"	.690"	.025"	7113	R23	P24
BFW975	1.05	25	.975"	.844"	.688"	.024"	5028A	R21	P22
BFW1025	1.10	25	1.025"	.844"	.693"	.024"	7114A	R19	P20
BFW1175	1.20	25	1.175"	.844"	.875"	.024"	7088A	R13	P14
BFMW1050	1.80	25	1.050"	.625"	.750"	.025"	3605	R18	P19
BFMW1100	1.25	25	1.100"	.843"	.812"	.023"	5027	R16	P17
BFMW1150	1.25	25	1.150"	.844"	.880"	.024"	7104A	R15	P15
BFMW1225	1.85	25	1.225"	.875"	.875"	.025"	875-K	R11	P12
BFMW1275	3.50	25	1.275"	.875"	1.000"	.025"	875-I	R9	P10
BFMW1400	3.55	25	1.400"	.687"	1.120"	.020"	D	R4	P5
BFMW1500	2.50	25	1.500"	.875"	1.120"	.025"	1500	---	P1



BFMW

- These dies for use with 5111A and 1765A ferrule machine. Other sizes are available.
Ribbed Dies per set: **\$190.00**; Plain Dies per set: **\$190.00**

sold in package quantities only

Manually - Operated Brass Ferrule Crimper



Features:

- crimps all brass ferrules shown on previous page
- does not include dies
- Dies for ferrule machines are available in standard sets for all ferrules as tabulated (4 segments to a set), supplied with plain or ribbed crimping surface.
- height: 27" with handle upright
- base: 8" x 3"
- body: 7³/₈"
- weight: 25 lbs.

Part #	Price/E
5111A	\$1875.00

Air - Operated Brass Ferrule Crimper



Features:

- provides efficient mass production assembly of hose, ferrules, and fittings
- The foot pedal permits the use of both hands, reduces fatigue and speeds production.
- complete with air cylinder, ferrule machine (less dies), fitted hose lengths and necessary control valves
- ready for work bench installation
- crimps all brass ferrules shown on page 346
- weight: 91 lbs.

Part #	Price/E
1765A	\$8250.00

Die sizes for ferrules and machine numbers 1765A and 5111A are on page 339.

Hose Crimper

Features:

- replacement dies: **\$42.00**
- Hose crimper provides "big tool" crimping advantages at a fraction of the cost.
- rugged, portable and easy to use
- 855 crimper with 5 dies for 31/64" (0.484") to 45/64" (0.703") OD hose
- 855A crimper with 5 dies for 28/64" (0.437") to 43/64" (0.671") OD hose
- optional dies up to 52/64" OD available
- # 855 weight: 10 lbs.
- # 855A weight: 10 lbs.

Crimper Part #	Price/E
855	\$298.20
855A	309.20

Replacement Dies

Die Bore	Hose OD		Die Part #	Crimper # 855	Crimper # 855A
	From:	To:			
.375"	.385"	.406"	856-10	optional	optional
.437"	.447"	.468"	856-7	optional	standard
.484"	.490"	.520"	856-4	standard	standard
.531"	.540"	.562"	856-3	standard	standard
.578"	.590"	.625"	856-2	standard	standard
.625"	.640"	.671"	856-1	standard	standard
.687"	.690"	.710"	856-5	standard	optional
.750"	.760"	.781"	856-8	optional	optional
.812"	.820"	.843"	856-9	optional	optional



Large Hose Crimper

(Sold without dies)

Features:

- for crimping 1/2" to 1" ID hoses with larger OD's, from 11/16" to 1 1/2"
- crimps standard brass or aluminum ferrules
- order separate dies for each hose diameter
- weight: 10 lbs.

Crimper Part #	Price/E
860	\$330.00

Dies

Hose OD/ Finished Crimp Dimension	Die Part #	Price/E
11/16"	861-22	\$49.00
23/32"	861-23	49.00
3/4"	861-24	49.00
25/32"	861-25	49.00
13/16"	861-26	49.00
27/32"	861-27	49.00
7/8"	861-28	49.00
29/32"	861-29	49.00
15/16"	861-30	49.00
31/32"	861-31	49.00
1"	861-32	49.00
1-1/32"	861-33	49.00
1-1/16"	861-34	49.00
1-1/8"	861-36	49.00
1-3/16"	861-38	49.00
1-1/4"	861-40	49.00
1-5/16"	861-42	49.00
1-3/8"	861-44	49.00
1-7/16"	861-46	49.00
1-1/2"	861-48	49.00





Push-On Hose Fittings with Garden Hose Threads



Dixon push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Push-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

Push-On male garden hose fitting



Hose ID	GHT Thread	Brass Part #	Price/E
1/2"	3/4"	572-0812	\$10.26
5/8"	3/4"	572-1012	12.00
3/4"	3/4"	572-1212	12.05

Push-On female swivel garden hose fitting



Hose ID	GHT Thread	Brass Part #	Price/E
1/2"	3/4"	574-0812	\$12.76
5/8"	3/4"	574-1012	14.03
3/4"	3/4"	574-1212	14.10

Push-On garden hose fitting set (not assembled)



Hose ID	GHT Thread	Brass Part #	Price/E
1/2"	3/4"	575-0808	\$23.02
5/8"	3/4"	575-1010	26.03
3/4"	3/4"	575-1212	26.15

Push-On Fittings

- Dixon push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Lok-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.
- refer to page 342 for Push-On garden hose thread fittings



NPTF Hose Barb Fittings



male NPTF x push-on hose barb
National Pipe Tapered - dryseal

Hose ID	Male NPTF	Brass		303 Stainless		Opt Qty
		Part #	Price/E	Part #	Price/E	
1/4"	1/8"	BPN21	\$2.21	RPN21	\$30.28	100
1/4"	1/4"	BPN22	2.60	RPN22	24.00	100
1/4"	3/8"	BPN23	3.41	---	---	50
5/16"	1/8"	BPN251	3.03	---	---	100
5/16"	1/4"	BPN252	3.27	---	---	50
3/8"	1/8"	BPN31	3.15	---	---	100
3/8"	1/4"	BPN32	2.90	RPN32	34.37	50
3/8"	3/8"	BPN33	3.36	RPN33	35.85	50
3/8"	1/2"	BPN34	5.55	---	---	25
3/8"	3/4"	BPN36	9.55	---	---	25
1/2"	1/4"	BPN42	4.11	RPN42	34.37	25
1/2"	3/8"	BPN43	3.70	RPN43	38.46	25
1/2"	1/2"	BPN44	5.35	RPN44	47.95	50
1/2"	3/4"	BPN46	8.00	---	---	50
5/8"	3/8"	BPN53	6.55	---	---	25
5/8"	1/2"	BPN54	7.27	---	---	25
5/8"	3/4"	BPN56	9.72	---	---	25
3/4"	1/2"	BPN64	8.42	RPN64	51.82	25
3/4"	3/4"	BPN66	8.95	RPN66	69.88	25
1"	3/4"	BPN86	19.65	---	---	10
1"	1"	BPN88	23.72	RPN88	95.73	10

female NPTF x push-on hose barb
National Pipe Tapered - dryseal

Hose ID	Female NPTF	Part #	Price/E	Opt Qty
1/4"	1/8"	BPF21	\$3.30	100
1/4"	1/4"	BPF22	3.46	100
1/4"	3/8"	BPF23	5.13	50
5/16"	1/8"	BPF251	4.05	100
5/16"	1/4"	BPF252	5.35	50
3/8"	1/8"	BPF31	4.71	50
3/8"	1/4"	BPF32	3.87	50
3/8"	3/8"	BPF33	4.23	50
3/8"	1/2"	BPF34	6.00	50
3/8"	3/4"	BPF36	12.55	25
1/2"	1/4"	BPF42	5.15	50
1/2"	3/8"	BPF43	4.85	50
1/2"	1/2"	BPF44	5.65	25
1/2"	3/4"	BPF46	12.69	25
5/8"	3/8"	BPF53	6.71	25
5/8"	1/2"	BPF54	6.93	25
3/4"	1/2"	BPF64	8.01	25
3/4"	3/4"	BPF66	12.02	25
1"	3/4"	BPF86	16.60	10
1"	1"	BPF88	20.36	10



male NPTF swivel x push-on hose barb
National Pipe Tapered - dryseal

Hose ID	Male NPTF	Part #	Price/E	Opt Qty
1/4"	1/8"	271-0402	\$7.45	100
1/4"	1/4"	271-0404	6.17	100
3/8"	1/4"	271-0604	6.60	50
3/8"	3/8"	271-0606	7.40	50
1/2"	3/8"	271-0806	7.96	25
1/2"	1/2"	271-0808	10.00	20
3/4"	3/4"	271-1212	14.75	10

- swivel is for assembly convenience only, not for live swivel applications, 120 maximum PSI



90° Push-On Hose Barb x Male NPTF Elbows
National Pipe Tapered - dryseal

Hose ID	Male NPTF	Part #	Price/E	Opt Qty
1/4"	1/8"-27	273-0402	\$4.32	100
1/4"	1/4"-18	273-0404	5.41	50
3/8"	1/8"-27	273-0602	7.26	50
3/8"	1/4"-18	273-0604	6.34	50
3/8"	3/8"-18	273-0606	7.36	25
1/2"	3/8"-18	273-0806	9.36	25
1/2"	1/2"-14	273-0808	11.76	25
3/4"	1/2"-14	273-1208	24.00	10
3/4"	3/4"-14	273-1212	22.90	10

NPSM Swivel Hose Barb Fittings



female NPSM swivel x push-on hose barb
gasket seat type

Hose ID	Female NPSM	Part #	Price/E	Opt Qty
1/4"	1/8"	280-0402	\$8.12	100
1/4"	1/4"	280-0404	5.98	100
3/8"	1/4"	280-0604	7.16	50
3/8"	3/8"	280-0606	8.67	50
3/8"	1/2"	280-0608	10.89	50
1/2"	1/2"	280-0808	9.82	25
5/8"	1/2"	280-1008	12.30	25
3/4"	3/4"	280-1212	18.18	20

- not recommended for use with water



female NPSM swivel x push-on hose barb
ball seat type

Hose ID	Female NPSM	Part #	Price/E	Opt Qty
1/4"	1/8"	BPFS21	\$7.38	100
1/4"	1/4"	BPFS22	5.49	50
1/4"	3/8"	BPFS23	8.90	50
3/8"	1/4"	BPFS32	6.06	50
3/8"	3/8"	BPFS33	7.70	50
3/8"	1/2"	BPFS34	8.27	50
1/2"	1/2"	BPFS44	8.75	50
1/2"	3/4"	BPFS46	13.00	25
3/4"	3/4"	BPFS66	16.21	20

Push-On Fittings



Dixon push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Lok-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

45° SAE Hose Barb Fittings

male 45° SAE x push-on hose barb



Hose ID	Tube OD	Male UNF	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	282-0407	\$3.85	100
1/4"	5/16"	1/2"-20	282-0408	3.50	100
3/8"	3/8"	5/8"-18 ¹	282-0610	4.95	50
1/2"	1/2"	3/4"-16	282-0812	6.66	50
5/8"	5/8"	7/8"-14	282-1014	9.60	25
3/4"	3/4"	1-1/16"-14 ¹	282-1217	15.46	25

¹ notch in hex for SAE identification

female 45° SAE swivel x push-on hose barb



Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Opt Qty
1/4"	3/8"	5/8"-18 ¹	284-0410	\$6.30	50
5/16"	3/8"	5/8"-18 ¹	284-0510	6.44	50
3/8"	3/8"	5/8"-18 ¹	284-0610	5.05	100
3/4"	3/4"	1-1/16"-14 ¹	284-1217	13.00	25

¹ notch in hex for SAE identification

SAE Inverted Flare Fittings

male SAE swivel x push-on hose barb



Hose ID	Tube OD	Male UNF	Brass Part #	Price/E	Opt Qty
1/4"	3/16"	3/8"-24	290-0406	\$7.80	100
1/4"	1/4"	7/16"-24	290-0407¹	5.40	100
1/4"	5/16"	1/2"-20	290-0408	6.16	100
5/16"	5/16"	1/2"-20	290-0508	6.72	50
5/16"	3/8"	5/8"-18	290-0510	8.10	50
3/8"	5/16"	1/2"-20	290-0608	7.95	100
3/8"	3/8"	5/8"-18	290-0610	7.95	50
1/2"	1/2"	3/4"-18	290-0812¹	10.10	50
5/8"	5/8"	7/8"-18	290-1014¹	13.03	25

¹ UNS thread

rigid female SAE x push-on hose barb



Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Opt Qty
1/4"	3/16"	3/8"-24	292-0406	\$4.20	100
1/4"	1/4"	7/16"-24	292-0407¹	3.82	100
1/4"	5/16"	1/2"-20	292-0408	4.25	100
5/16"	5/16"	1/2"-20	292-0508	4.25	100
3/8"	5/16"	1/2"-20	292-0608	5.76	100
3/8"	3/8"	5/8"-18	292-0610	5.49	50
1/2"	1/2"	3/4"-18	292-0812¹	8.18	25

¹ UNS thread

Push-On Fittings



Dixon push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Lok-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

37° JIC Hose Barb Fittings

male 37° JIC x push-on hose barb

Hose ID	Tube OD	Male UNF	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	286-0407	\$3.80	100
1/4"	5/16"	1/2"-20	286-0408	7.65	50
1/4"	3/8"	9/16"-18	286-0409	5.65	100
3/8"	3/8"	9/16"-18	286-0609	5.50	50
1/2"	1/2"	3/4"-16	286-0812	7.37	25
5/8"	5/8"	7/8"-14	286-1014	9.31	25
3/4"	3/4"	1-1/16"-12	286-1217 ¹	14.25	10

¹ UN thread



female 37° JIC swivel x push-on hose barb

Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Opt Qty
1/4"	3/8"	9/16"-18	288-0409	\$5.21	50
5/16"	3/8"	9/16"-18	288-0509	6.21	50
3/8"	3/8"	9/16"-18	288-0609	5.21	50
1/2"	3/8"	9/16"-18	288-0809	7.70	25
3/4"	3/4"	1-1/16"-12	288-1217 ¹	13.49	10
1"	1"	1-5/16"-12	288-1621 ¹	30.83	10

¹ UN thread



Hose ID	Tube OD	Female UNF	303 SS Part #	Price/E	Opt Qty
3/8"	3/4"	9/16"-18	288-0609SS	\$62.70	50
3/4"	3/4"	1-1/16"-12	288-1217SS	111.85	10
1"	1"	1-5/16"-12	288-1621SS	96.17	10

female 45°SAE / 37°JIC swivel x push-on hose barb (dual angle seat)

Hose ID	Tube OD	Female UNF	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	287-0407	\$3.96	100
1/4"	5/16"	1/2"-20	287-0408	4.91	100
3/8"	5/16"	1/2"-20	287-0608	7.34	25
3/8"	1/2"	3/4"-16	287-0612	6.30	25
1/2"	1/2"	3/4"-16	287-0812	6.36	25
1/2"	5/8"	7/8"-14	287-0814	9.11	25
5/8"	5/8"	7/8"-14	287-1014	9.71	25

Hose ID	Tube OD	Female UNF	303 SS Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	287-0407SS	\$46.95	100
1/2"	1/2"	3/4"-16	287-0812SS	65.45	25



female 37° JIC/45° SAE swivel x push-on 90° elbow

Hose ID	Tube OD	Female UNF	Plated Steel Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	289-0407 ³	\$27.00	25
1/4"	1/4"	7/16"-20	289-0407SAE ¹	35.72	25
3/8"	3/8"	9/16"-18	289-0609 ³	25.35	25
3/8"	3/8"	5/8"-18	289-0610SAE ¹	36.45	25
1/2"	1/2"	3/4"-16	289-0812 ³	31.10	10
3/4"	3/4"	1-1/16"-12	289-1217 ^{2,3}	84.52	5

¹ notch in nut for SAE identification

² UN thread

³ JIC only, may substitute dual angle



Push-On Fittings



Dixon push-on fittings are intended for use with Lok-On (push-on style) hose only. No hose clamps or ferrules are needed. Push-On fittings will properly grip Lok-On hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

Rigid Tube x Push-On Hose Barb



Hose ID	Tube OD	Brass		Opt Qty
		Part #	Price/E	
1/4"	3/16"	294-0403	\$4.32	100
1/4"	1/4"	294-0404	2.86	100
1/4"	5/16"	294-0405	4.00	100
3/8"	3/8"	294-0606	3.32	50
1/2"	1/2"	294-0808	4.92	50
5/8"	5/8"	294-1010	7.28	25
3/4"	3/4"	294-1212	11.29	25

Push-On Hose Menders



Hose ID	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
1/4"	BPM2	\$3.00	SSPM2	\$34.37	100
5/16"	BPM25	3.60	---	---	100
3/8"	BPM3	3.40	SSPM3	39.28	50
1/2"	BPM4	5.50	SSPM4	43.61	50
5/8"	BPM5	7.86	---	---	20
3/4"	BPM6	9.25	---	---	15
1"	BPM8	16.15	---	---	10



Push-On Caps

Hose ID	Part #	Price/E
1/4"	2720400W	\$0.14
5/16"	2720500W	0.13
3/8"	2720600W	0.18
1/2"	2720800W	0.22
5/8"	2721000W	0.23
3/4"	2721200W	0.29
1"	2721600W	4.31

Tool for Push-On Fittings



Features:

- cuts push-on style hose and inserts the fitting
- Built-in cutter slices through 1/4" - 3/4" ID reinforced push-on hose without fraying.
- Clamp hose into tool's vice and apply light pressure on handle to drive in the fitting.
- tool has four 7/16" diameter mounting holes for bench mounting
- overall size is 13 1/2" long x 2-3/8" wide x 7" height

Size	Part #	Price/E
1/4" - 3/4"	270AT	\$1143.00

Assembly Instructions:

1. Trim hose end with smooth square cut
2. Lubricate either push-on fitting, hose or both.
3. Insert push-on fitting into hose until first barb is in hose.
4. Place end of fitting against a flat object (bench, wall, etc.) and grip the hose one inch from end. Push with a steady force until end of hose is covered by yellow plastic cap.

Disassembly Instructions:

1. Leaving push-on fitting in place, make a 1" cut in the hose along the barbed end of the fitting. Note: Be careful not to nick barbs when cutting the hose.
2. With firm grip on hose, give a sharp downward pull to release the fitting from the hose.



Caution: Push-on fittings will properly grip push-on hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

Hose Assembly Tool



- installs 1/4", 5/16" and 3/8" hose fittings
- lightweight, portable, comfortable cushioned grip
- economical

Part #	Price/E
HHCI	\$220.00

Reusable Fittings

Applications:



Reusable fittings are recommended for low pressure air hose applications. They offer a more durable hose connection and are easily repaired. Maximum working pressure: **250 PSI** at ambient temperature (70°F). *Caution: Check hose OD and ID accurately before ordering.*

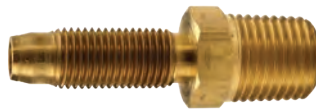


reusable ferrules

NEW

Hose ID	Hose OD	Brass Part #	Price/E	303 Stainless Steel Part #	Price/E	Opt Qty ¹
1/4"	1/2"	1800408F	\$2.79	1800408FSS	\$35.20	100
1/4"	9/16"	1800409F	3.32	1800409FSS	34.37	50
1/4"	5/8"	1800410F	3.56	1800410FSS	34.55	50
5/16"	9/16"	1800509F	5.12	1800509FSS	35.62	100
5/16"	5/8"	1800510F	3.96	1800510FSS	35.46	50
5/16"	11/16"	1800511F	5.85	---	---	50
3/8"	5/8"	1800610F	3.73	1800610FSS	35.70	50
3/8"	11/16"	1800611F	4.40	1800611FSS	36.00	50
3/8"	3/4"	1800612F	3.91	1800612FSS	35.80	50
1/2"	7/8"	1800814F	8.42	1800814FSS	52.37	25
1/2"	15/16"	1800815F	9.63	1800815FSS	52.37	25
1/2"	1"	1800816F	10.89	---	---	20

¹ stainless steel parts are packaged to order



reusable male stems

NEW

Hose ID	Male NPTF Thread ¹	Brass Part #	Price/E	303 Stainless Steel Part #	Price/E	Opt Qty ²
1/4"	1/8"	1820402S	\$5.48	1820402SS	29.27	100
1/4"	1/4"	1820404S	3.51	1820404SS	34.12	100
1/4"	3/8"	1820406S	6.52	---	---	50
5/16"	1/4"	1820504S	4.15	1820504SS	32.10	50
5/16"	3/8"	1820506S	6.60	---	---	50
3/8"	1/4"	1820604S	3.63	1820604SS	35.70	100
3/8"	3/8"	1820606S	4.32	1820606SS	35.64	50
3/8"	1/2"	1820608S	8.14	---	---	25
1/2"	1/4"	1820804S	8.12	---	---	50
1/2"	3/8"	1820806S	7.95	1820806SS	42.55	50
1/2"	1/2"	1820808S	8.37	1820808SS	50.90	25

¹ stainless steel parts have NPT threads

² stainless steel parts are packaged to order

Reusable Fittings

reusable male fittings

Hose ID	Hose OD	Male NPTF ²	Brass Part #	Price/E	Opt Qty	303 Stainless ¹ Part #	Price/E
1/4"	1/2"	1/8"	BN21RU50	\$8.27	100	BN21RU50SS	\$64.45
1/4"	9/16"	1/8"	BN21RU56	8.80	100	BN21RU56SS	63.63
1/4"	5/8"	1/8"	BN21RU62	9.05	100	BN21RU62SS	63.81
1/4"	1/2"	1/4"	BN22RU50	6.30	50	BN22RU50SS	69.30
1/4"	9/16"	1/4"	BN22RU56	6.83	50	BN22RU56SS	68.49
1/4"	5/8"	1/4"	BN22RU62	7.07	50	BN22RU62SS	68.66
1/4"	1/2"	3/8"	BN23RU50	9.31	50	---	---
1/4"	9/16"	3/8"	BN23RU56	9.85	50	---	---
1/4"	5/8"	3/8"	BN23RU62	10.08	50	---	---
5/16"	9/16"	1/4"	BN252RU56	9.27	50	BN252RU56SS	67.71
5/16"	5/8"	1/4"	BN252RU62	8.25	50	BN252RU62SS	67.55
5/16"	11/16"	1/4"	BN252RU68	10.00	50	---	---
5/16"	9/16"	3/8"	BN253RU56	11.72	50	---	---
5/16"	5/8"	3/8"	BN253RU62	10.70	50	---	---
5/16"	11/16"	3/8"	BN253RU68	12.45	50	---	---
3/8"	5/8"	1/4"	BN32RU62	7.35	50	BN32RU62SS	71.80
3/8"	11/16"	1/4"	BN32RU68	8.02	50	BN32RU68SS	71.70
3/8"	3/4"	1/4"	BN32RU75	7.55	50	BN32RU75SS	71.50
3/8"	5/8"	3/8"	BN33RU62	8.05	50	BN33RU62SS	71.35
3/8"	11/16"	3/8"	BN33RU68	8.72	50	BN33RU68SS	71.64
3/8"	3/4"	3/8"	BN33RU75	8.23	50	BN33RU75SS	71.45
3/8"	5/8"	1/2"	BN34RU62	11.86	50	---	---
3/8"	11/16"	1/2"	BN34RU68	12.55	50	---	---
3/8"	3/4"	1/2"	BN34RU75	12.04	50	---	---
1/2"	7/8"	1/4"	BN42RU87	16.55	25	---	---
1/2"	15/16"	1/4"	BN42RU93	17.74	25	---	---
1/2"	1"	1/4"	BN42RU99	19.00	25	---	---
1/2"	7/8"	3/8"	BN43RU87	16.35	25	BN43RU87SS	94.91
1/2"	15/16"	3/8"	BN43RU93	17.56	25	BN43RU93SS	94.91
1/2"	1"	3/8"	BN43RU99	18.81	25	---	---
1/2"	7/8"	1/2"	BN44RU87	16.41	25	BN44RU87SS	103.27
1/2"	15/16"	1/2"	BN44RU93	18.00	25	BN44RU93SS	103.27
1/2"	1"	1/2"	BN44RU99	19.25	25	---	---



¹ stainless steel reusable fittings are packaged to order

² stainless steel fittings have NPT threads

Reusable Fittings

reusable female swivel stems

Brass Part #	Hose ID	Female NPSM	Price/E	Opt Qty
1840404A	1/4"	1/4"-18	\$6.10	50
1840406A	1/4"	3/8"-18	9.67	50
1840504A	5/16"	1/4"-18	6.82	50
1840604A	3/8"	1/4"-18	7.00	50
1840606A	3/8"	3/8"-18	8.60	50
1840808A	1/2"	1/2"-14	10.75	25



reusable female swivels

Brass Part #	Hose ID	Female NPSM	Hose OD	Price/E	Opt Qty
185-4084	1/4"	1/4"	1/2"	\$8.90	50
185-4094	1/4"	1/4"	9/16"	9.40	50
185-4104	1/4"	1/4"	5/8"	9.65	50
185-4086	1/4"	3/8"	1/2"	12.46	50
185-4096	1/4"	3/8"	9/16"	13.00	50
185-4106	1/4"	3/8"	5/8"	13.23	50
185-5094	5/16"	1/4"	9/16"	11.93	50
185-5104	5/16"	1/4"	5/8"	10.91	50
185-5114	5/16"	1/4"	11/16"	12.65	50
185-6104	3/8"	1/4"	5/8"	10.72	50
185-6114	3/8"	1/4"	11/16"	11.40	50
185-6124	3/8"	1/4"	3/4"	10.90	50
185-6106	3/8"	3/8"	5/8"	12.30	50
185-6116	3/8"	3/8"	11/16"	13.00	50
185-6126	3/8"	3/8"	3/4"	12.50	50
185-8148	1/2"	1/2"	7/8"	19.16	20
185-8158	1/2"	1/2"	15/16"	20.38	20
185-8168	1/2"	1/2"	1"	21.63	20



reusable hose splicers

Brass Part #	Hose ID	Hose OD	Price/E	Opt Qty
187-0408	1/4"	1/2"	\$9.92	50
187-0409	1/4"	9/16"	10.97	50
187-0410	1/4"	5/8"	11.45	50
187-0610	3/8"	5/8"	12.05	25
187-0611	3/8"	11/16"	13.40	25
187-0612	3/8"	3/4"	12.40	25



Grease Whip Hose Assemblies

Features:

- for use with hand grease guns only
- one piece brass crimp couplings
- 1/8"-27 male NPT thread, solid base
- US manufactured 3/16" I.D. hose - exceeds SAE 100R1-AT
- Strain relief spring option is available as a special, consult Dixon for pricing.
- working pressure: **3000 PSI**



Part #	Assembly Length	Retail Pack	Price/E
GWH-0800	8"	n/a	\$11.87
GWH-1200	12"	Add "R" suffix to part number	14.25
GWH-1800	18"	Add "R" suffix to part number	17.91
GWH-2400	24"	n/a	21.55
GWH-3600	36"	n/a	28.80
GWH-4800	48"	n/a	36.09
GWH-6000	60"	n/a	43.27

Grease Whip Hose Fittings

Features:

- male and female fittings are designed to be crimped on **grease hose couplers**



Zinc Plated Steel Part #	Description	Price/E	Pkg Qty
GWH-C	grease hose coupler	\$8.15	25
GWHC-FF	full flow grease hose coupler	8.15	25

male NPT thread - chamfered base



Brass Part #	Description	Price/E	Pkg Qty
001-0055	1/8"-27 male NPT thread, drilled and chamfered base	\$2.93	100

male NPT thread - solid base



Brass Part #	Description	Price/E	Pkg Qty
001-0260	1/8"-27 male NPT thread, solid base	\$2.69	100

female NPT thread



Brass Part #	Description	Price/E	Pkg Qty
001-0860	1/8"-27 female NPT thread	\$5.20	100

Grease Whip Fittings



Zinc Plated Steel Part #	Threads	Description	Overall Length	Thread Length	Hex	Price/E	Pkg Qty
GWHZ000	1/8-27 NPT	straight	.660	.260	.430	\$0.81	100
GWHZ045	1/8-27 NPT	45°	.860	.280	.430	1.11	100
GWHZ090	1/8-27 NPT	90°	.830	.310	.430	1.12	100
GWHZ400	1/4-28 tapered SAE-LT	straight	.530	.200	.312	0.63	100
GWHZ445	1/4-28 tapered SAE-LT	45°	.800	.200	.375	1.13	100
GWHZ490	1/4-28 tapered SAE-LT	90°	1.20	.200	.375	1.13	100

Oxy-Acetylene Hose Couplings

acetylene couplings

left-hand thread for acetylene line x hose shank

Hose Size	Brass Part #	Price/E	Left UNF Thread	Hex
3/16"	OA69	\$5.26	3/8"-24	7/16"
3/16"	OA70	4.18	9/16"-18	11/16"
1/4"	OA71	3.75	9/16"-18	11/16"
5/16"	OA72	4.80	9/16"-18	11/16"
3/8"	OA73	4.31	9/16"-18	11/16"



oxygen couplings

right-hand thread for oxygen line x hose shank

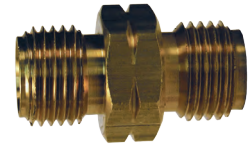
Hose Size	Brass Part #	Price/E	Right UNF Thread	Hex
3/16"	OA59	\$5.26	3/8"-24	7/16"
3/16"	OA60	4.00	9/16"-18	11/16"
1/4"	OA61	3.78	9/16"-18	11/16"
5/16"	OA62	4.68	9/16"-18	11/16"
3/8"	OA63	4.16	9/16"-18	11/16"



Oxy-Acetylene Connecting Spuds

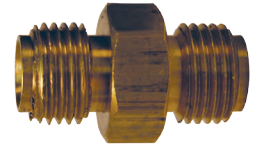
left-hand thread x left-hand thread

Brass Part #	Price/E	Left UNF Thread	Hex
OA52	\$4.42	9/16"-18	11/16"



right-hand thread x right-hand thread

Brass Part #	Price/E	Right UNF Thread	Hex
OA50	\$4.05	9/16"-18	11/16"



Oxy-Acetylene Adapters

left-hand thread x NPTF

Brass Part #	Price/E	Left UNF Thread	NPTF Thread	Hex
158-0904	\$3.45	9/16"-18	1/4"	5/8"
158-0906	4.67	9/16"-18	3/8"	11/16"



right-hand thread x NPTF

Brass Part #	Price/E	Right UNF Thread	NPTF Thread	Hex
156-0904	\$3.42	9/16"-18	1/4"	5/8"
156-0906	4.28	9/16"-18	3/8"	11/16"



Oxy-Acetylene Ferrules

• sold in package quantities only

Brass Part #	Price/E	Inside Dimensions	Overall Length	Metal Gauge	Std. Ind. Part #	Qty
BFO448	\$0.71	.448" x 0.890"	15/32"	.019"	9116	25
BFO474	0.52	.474" x 0.943"	15/32"	.019"	9979	25
BFO535	0.85	.535" x 1.071"	3/4"	.024"	9940P	25
BFO593	0.78	.593" x 1.109"	3/4"	.024"	9593	25
BFO700	3.65	.700" x 1.325"	3/4"	.025"	8337	25



Clear PVC Tubing

Applications:

- Clear PVC Tubing is designed to be used with standard shank fittings in low pressure liquid and pneumatic applications.

domestic

Features:

- for non-critical hospital use such as suction and draining
- produced from FDA materials, but not FDA approved
- shipped in individually boxed bundles, *sold only in lengths shown below*
- maximum temperature: **135°F**

ID	Size		Working Pressure (PSI) @ 72°F	Length	PVC	
	OD				Part #	Price/E
3/16"	5/16"		55	100'	CL0305	\$43.25
1/4"	3/8"		55	100'	CL0406	50.60
1/4"	1/2"		70	100'	CL0408	113.00
5/16"	7/16"		50	100'	CL0507	58.60
3/8"	1/2"		40	100'	CL0608	72.25
3/8"	5/8"		65	100'	CL0610	149.00
1/2"	5/8"		30	100'	CL0810	97.00
1/2"	3/4"		45	100'	CL0812	180.00
5/8"	7/8"		40	100'	CL1014	224.00
3/4"	1"		35	100'	CL1216	258.00
1"	1-1/4"		28	100'	CL1620	340.00
1-1/4"	1-3/4"		45	50'	CL2028-50	430.00
1-1/2"	2"		40	50'	CL2432-50	500.00



imported

Features:

- temperature range: **14°F to 149°F**
- shipped in bundles wrapped with PVC film, *sold only in lengths shown below*

ID	Size		Working Pressure (PSI) @ 72°F	Length	PVC	
	OD				Part #	Price/E
1/4"	3/8"		50	100'	ICL0406	\$25.50
3/8"	1/2"		35	100'	ICL0608	35.45
1/2"	5/8"		35	100'	ICL0810	46.30
1/2"	3/4"		50	100'	ICL0812	96.55
3/4"	1"		35	100'	ICL1216	136.90
1"	1 1/4"		30	100'	ICL1620	178.55
1 1/2"	2"		15	50'	ICL2432	290.55

Clear PVC Braided Tubing

Applications:

- Clear PVC Braided Tubing is designed to be used in low pressure liquid and pneumatic applications.

domestic

Features:

- high grade tensile strength polyester yarn reinforcement
- temperature range: **27°F to 150°F**
- shipped in coils, *sold only in lengths shown below*

ID	Size		Working Pressure (PSI) @ 72°F	Length	PVC	
	OD				Part #	Price/E
3/16"	3/8"		250	300'	BR0306	\$299.50
1/4"	7/16"		250	300'	BR0446	335.00
3/8"	5/8"		225	300'	BR0609	633.25
1/2"	3/4"		200	300'	BR0812	530.00
5/8"	7/8"		200	300'	BR1014	820.00
3/4"	1-1/16"		150	300'	BR1218	820.00
1"	1-5/16"		125	200'	BR1621	1362.00
1-1/4"	1-11/16"		100	100'	BR2027	850.00
1-1/2"	1-15/16"		100	100'	BR2431	1737.00



imported

Features:

- for various machine tools and the transportation of chemicals
- temperature range: **14°F to 149°F**
- shipped in bundles wrapped with PVC film, *sold only in lengths shown below*

ID	Size		Working Pressure (PSI) @ 72°F	Length	PVC	
	OD				Part #	Price/E
1/4"	1/2"		142	300'	IBR0446	\$191.00
3/8"	5/8"		114	300'	IBR0609	246.25
1/2"	3/4"		100	300'	IBR0812	310.00
3/4"	1-1/16"		71	300'	IBR1218	661.30
1"	1-5/16"		71	200'	IBR1621	513.10

PVC Tubing and Hose Cutters

Features:

- rugged construction cuts up to ¾" tubing or hose
- corrosion resistant hardened steel blade ensures straight, crisp cuts for optimum fit

Part #	Price/E
TC97	\$17.00
TC97RB (replacement blade, sold only in packs of 5)	5.85



Features:

- cuts low pressure fabric reinforced hose up to 1" OD
- reversible blade

Part #	Price/E
HC90	\$26.55
HC90RB (replacement blade)	11.15



Features:

- cuts hose and tubing up to 2" OD; Polyethylene up to 1½" ID; PVC up to 1¼" ID
- stainless steel blade

Part #	Price/E
LHC95	\$47.70
LHC95RB (replacement blade)	19.00



J

Copper Tubing Cutters Hi-Duty Tube Cutter

Features:

- cuts ⅛" through 1⅛" OD tubing
- rugged aluminum alloy body is nickel chrome plated
- Foldaway hardened steel reamer with turned cutting edge removes burrs cleanly, filing surface removes outside burrs.
- includes 2 general purpose cutter wheels
- chromium steel cutting wheels
- replacement parts available, contact Dixon for more information

Description	Part #	Price/E
length 5", weight 6.5 oz.	TC-1000	\$104.10



Properties of Tuff-Lite Materials

Nylon Features:

- Nylon fittings should not be used with acid-based fertilizers, bromine, chlorine, fluorine, hydrochloric acid, iodine, nitric acid, phosphoric acid, sulfuric acid or xylene.
- nylon should not be used with compressed gas
- FDA approved material
- fittings are white



Polypropylene Features:

- Polypropylene fittings should not be used with aromatic hydrocarbons, carbon tetra-chloride, gasoline, hexane, kerosene, nitric acid, sodium hydrochlorite, toluene, trichloroethylene or xylene.
- polypropylene should not be used with compressed gas
- fittings are black



Male Inserts

- Parts showing package quantities are sold in package quantities only.

hose shank x male NPT

Hose Size	Male NPT	Nylon		Pkg Qty	Polypropylene		Pkg Qty
		Part #	Price/E		Part #	Price/E	
1/4"	1/8"	TN21	\$0.68	50	PPN21	\$0.84	50
	1/4"	TN22	0.70	50	PPN22	0.82	50
	3/8"	TN23	0.76	50	PPN23	0.85	50
	1/2"	TN24	0.87	50	PPN24	0.88	50
	3/4"	TN26	0.91	50	---	---	---
	1"	TN28	1.40	50	---	---	---
5/16"	1/4"	TN252	0.70	50	---	---	---
3/8"	1/8"	TN31	0.80	50	PPN31	0.84	50
	1/4"	TN32	0.88	50	PPN32	0.81	50
	3/8"	TN33	0.92	50	PPN33	0.82	50
	1/2"	TN34	1.00	50	PPN34	0.95	50
	3/4"	TN36	1.10	50	PPN36	0.90	50
1/2"	1/8"	TN41	0.92	50	---	---	---
	1/4"	TN42	0.77	50	PPN42	0.84	50
	3/8"	TN43	0.79	50	PPN43	0.90	50
	1/2"	TN44	0.91	50	PPN44	0.73	50
	3/4"	TN46	1.05	50	PPN46	1.10	50
5/8"	3/8"	TN53	0.87	50	---	---	---
	1/2"	TN54	0.94	50	PPN54	0.94	50
	3/4"	TN56	1.10	50	PPN56	1.15	50
3/4"	3/8"	TN63	0.83	50	---	---	---
	1/2"	TN64	1.07	50	PPN64	1.00	50
	3/4"	TN66	1.17	50	PPN66	0.93	50
	1"	TN68	1.37	25	PPN68	1.40	25
1"	3/4"	TN86	1.30	25	PPN86	1.30	25
	1"	TN88	1.56	25	PPN88	1.49	25
1-1/4"	1"	TN158	2.35	15	---	---	---
	1 1/4"	TN150	3.80	10	PPN150	3.11	10
	1 1/2"	TN1520	4.10	10	---	---	---
1-1/2"	1 1/4"	TN2015	3.95	10	---	---	---
	1 1/2"	TN200	4.10	10	PPN200	3.20	10
2"	2"	TN250	6.05	5	PPN250	4.55	5



nylon



polypropylene

Female Inserts

hose shank x female NPT



Hose Size	Female NPT	Nylon	
		Part #	Price/E
1/4"	1/4"	TFS22	\$3.30
1/4"	1/2"	TFS42	3.45
1/2"	1/2"	TFS44	3.20
3/4"	3/4"	TFS66	3.80

Tuff-Lite Female Barbed Fittings

hose shank x female NPSM
ball seat type

Hose Size	Female NPSM	Nylon	
		Part #	Price/E
1/4"	1/4"	TF22	\$0.92
3/8"	3/8"	TF33	1.07



Short Shank Couplings

Features:

- parts showing package quantities are sold in package quantities only
- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 359

nylon short shank couplings

Hose Shank	Thread Size	female		male		Pkg Qty
		Part #	Price/E	Part #	Price/E	
1/4"	3/4" NPSM	TCF62	\$1.55	TN26	\$0.91	50
3/8"	3/4" NPSM	TCF63	1.55	TN36	1.10	50
1/2"	3/4" NPSM	TCF64	1.60	TN46	1.05	50
5/8"	3/4" NPSM	TCF65	1.65	TN56	1.10	50
3/4"	3/4" NPSM	TCF66	1.65	TN66	1.17	50
1/4"	3/4" GHT	TCF72	1.85	TCM72	0.95	--
3/8"	3/4" GHT	TCF73	1.85	TCM73	1.00	--
1/2"	3/4" GHT	TCF74	1.90	TCM74	1.05	--
5/8"	3/4" GHT	TCF75	1.95	TCM75	1.05	--
3/4"	3/4" GHT	TCF76	1.95	TCM76	1.05	--



Feature:

- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 359
- 3/4" GHT threaded

polypropylene short shank couplings

Hose Shank	Thread Size	female		male	
		Part #	Price/E	Part #	Price/E
1/4"	3/4" GHT	PPCF72	\$1.90	---	---
3/8"	3/4" GHT	PPCF73	1.90	PPCM73	\$1.10
1/2"	3/4" GHT	PPCF74	1.90	PPCM74	1.15
5/8"	3/4" GHT	PPCF75	1.90	PPCM75	1.15
3/4"	3/4" GHT	PPCF76	2.00	PPCM76	1.20



Reducing Bushings

male NPT x female NPT

Male NPT	Female NPT	Nylon	
		Part #	Price/E
3/8"	1/4"	THB32	\$1.90
1/2"	1/4"	THB42	2.00
1/2"	3/8"	THB43	2.00
3/4"	1/2"	THB64	2.35
1"	3/4"	THB86	3.20



Tuff-Lite Adapters

- Parts showing package quantities are sold in package quantities only.

female NPT x female NPT



Female NPT	Female NPT	Nylon		Pkg Qty
		Part #	Price/E	
1/2"	1/2"	TA994	\$4.35	25
3/4"	3/4"	TA996	4.70	25

Male GHT x Female NPT Adapters

- Parts showing package quantities are sold in package quantities only.



nylon



polypropylene

male GHT x female NPT

Female NPT	Nylon			Polypropylene		
	Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
1/4"	TA792	\$1.45	50	PPA792	\$2.95	50
3/8"	TA793	1.50	50	---	---	--
1/2"	TA794	1.51	50	PPA794	2.85	50
3/4"	TA796	1.60	50	PPA796	2.98	25

Female GHT x NPT Adapters

- Parts showing package quantities are sold in package quantities only.



nylon

female GHT x male NPT

Male NPT	Nylon			Pkg Qty	female GHT x female NPT		
	Part #	Price/E	Female NPT		Part #	Price/E	Pkg Qty
1/4"	TA972	\$1.46	50	---	---	---	---
3/8"	TA973	1.50	50	---	---	---	---
1/2"	TA974	1.53	50	1/2"	TA974F	\$3.95	50
3/4"	TA976	1.55	50	3/4"	TA976F	6.45	50

Male GHT x Male NPT Adapters

- Parts showing package quantities are sold in package quantities only.



nylon



polypropylene

male GHT x male NPT

Male NPT	Nylon			Pkg Qty	Polypropylene		
	Part #	Price/E	Female NPT		Part #	Price/E	Pkg Qty
1/4"	TA772	\$0.95	50	---	---	--	
3/8"	TA773	1.05	50	PPA773	\$1.15	50	
1/2"	TA774	1.15	50	PPA774	1.15	50	
3/4"	TA776	1.15	50	PPA776	1.15	50	
1"	TA778	1.60	25	---	---	--	

Male NPT x Female Swivel Adapters

Features:

- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 359



male NPT x female threaded swivel nut

Male NPT	Female Thread	Nylon	
		Part #	Price/E
1/4"	3/4" GHT	TSA72	\$1.90
3/8"	3/4" GHT	TSA73	1.95
1/4"	3/4" NPS	TSA62	1.90
3/8"	3/4" NPS	TSA63	2.00

Nuts

female threaded swivel nuts



Female Thread	Nylon	
	Part #	Price/E
3/4" NPS	TCF6	\$0.66
3/4" GHT	TCF7	0.62

Tuff-Lite

Female NPT x 90° Hose Barb Elbows

female NPT x 90° hose barb

Hose Size	Female NPT	Part #	Nylon	Price/E
1/2"	1/2"	TLFS44		\$2.95
1/2"	3/4"	TLFS64		3.55
3/4"	3/4"	TLFS66		3.60



Male x 90° Hose Barb Elbows

- Parts showing package quantities are sold in package quantities only.

male NPT x 90° hose barb

male GHT x 90° hose barb

Hose Size	Male NPT	Nylon		Pkg Qty	Male GHT	Nylon		Pkg Qty
		Part #	Price/E			Part #	Price/E	
1/4"	1/8"	TLS21	\$0.82	50	---	---	---	---
	1/4"	TLS22	0.91	50	---	---	---	---
	3/8"	TLS23	1.17	50	---	---	---	---
3/8"	1/8"	TLS31	0.87	50	---	---	---	---
	1/4"	TLS32	0.91	50	---	---	---	---
	3/8"	TLS33	1.17	50	---	---	---	---
	1/2"	TLS34	1.36	50	---	---	---	---
	3/4"	TLS36	1.46	50	3/4"	TLS37	\$2.85	50
	1"	TLS48	1.90	25	---	---	---	---
1/2"	1/4"	TLS42	1.17	50	---	---	---	---
	3/8"	TLS43	1.17	50	---	---	---	---
	1/2"	TLS44	1.36	50	---	---	---	---
	3/4"	TLS46	1.46	25	3/4"	TLS47	2.45	25
5/8"	1"	TLS58	1.65	25	---	---	---	---
	3/8"	TLS53	1.36	25	---	---	---	---
	1/2"	TLS54	1.46	25	---	---	---	---
	3/4"	TLS56	1.55	25	3/4"	TLS57	2.95	25
3/4"	1"	TLS68	1.72	15	---	---	---	---
	3/8"	TLS63	1.65	25	---	---	---	---
	1/2"	TLS64	1.55	25	---	---	---	---
	3/4"	TLS66	1.65	25	3/4"	TLS67	3.55	50
1"	3/4"	TLS86	1.65	15	---	---	---	---
	1"	TLS88	2.61	15	---	---	---	---



Street Elbows

female NPT x 90° male NPT

Female NPT	Male NPT	Part #	Nylon	Price/E
1/4"	1/4"	TSE22		\$4.05
1/2"	1/2"	TSE44		3.90
3/4"	3/4"	TSE66		5.30



GHT x Male NPT Elbows

- Parts showing package quantities are sold in package quantities only.

male NPT x male GHT

Male NPT	Part #	Nylon	Price/E	Pkg Qty
3/8"	TLT73		\$1.66	25
1/2"	TLT74		1.65	25
3/4"	TLT76		1.70	25



Tuff-Lite Hose x Hose Elbows



- Parts showing package quantities are sold in package quantities only.

hose barb x 90° hose barb

Hose Size	Nylon		Pkg Qty	Polypropylene		Pkg Qty
	Part #	Price/E		Part #	Price/E	
1/4"	TLSS22	\$1.17	50	PPLSS22	\$1.25	50
3/8"	TLSS33	1.21	50	PPLSS33	1.25	50
1/2"	TLSS44	1.35	50	PPLSS44	1.25	50
3/4"	TLSS66	1.42	50	PPLSS66	1.55	50

Hose x Male NPT Tees



- Parts showing package quantities are sold in package quantities only.

hose run x male NPT branch

Hose Size	Male NPT	Nylon		Pkg Qty
		Part #	Price/E	
1/4"	1/4"	TSST222	\$1.23	50
3/8"	3/8"	TSST333	1.35	50
1/2"	1/2"	TSST444	1.52	50
3/4"	3/4"	TSST666	1.70	25

Hose x Hose Tees



- Parts showing package quantities are sold in package quantities only.

hose run x hose branch

Hose Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	TSSS222	\$1.17	50
3/8"	TSSS333	1.21	50
1/2"	TSSS444	1.35	50
3/4"	TSSS666	1.42	25

Menders

- Parts showing package quantities are sold in package quantities only.



hose shank x hose shank

Hose Size	Nylon		Pkg Qty	Polypropylene		Pkg Qty
	Part #	Price/E		Part #	Price/E	
1/4"	TM2	\$0.82	50	PPM2	\$0.77	50
5/16"	TM25	0.83	50	---	---	---
3/8"	TM3	0.85	50	PPM3	0.79	50
1/2"	TM4	1.10	50	PPM4	0.92	50
5/8"	TM5	1.50	50	PPM5	1.00	50
3/4"	TM6	1.50	50	PPM6	1.20	50
1"	TM8	1.82	25	PPM8	1.47	50

Tuff-Lite Washers for Garden Hose Fittings

- Parts showing package quantities are sold in package quantities only.

Description	Part #	Price/E	Pkg Qty
<i>red vinyl</i>	TVW7	\$0.10	100
<i>white styrene butadiene rubber</i>	TRW7	0.25	100
<i>black 80 duro SBR</i>	5911212W	0.27	100



Close Nipples

- Parts showing package quantities are sold in package quantities only.

male NPT x male NPT

NPT Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	TCN202	\$0.72	50
3/8"	TCN303	0.81	50
1/2"	TCN404	0.93	50
3/4"	TCN606	1.10	50



Threaded Caps

- Parts showing package quantities are sold in package quantities only.

female NPT

Female Thread	Nylon		Pkg Qty
	Part #	Price/E	
1/4" NPT	TTC2	\$0.48	50
3/8" NPT	TTC3	0.57	50
1/2" NPT	TTC4	0.71	50
3/4" NPT	TTC6	0.80	50
3/4" GHT	TTC7	0.80	50



Square Head Drain Plugs

- Parts showing package quantities are sold in package quantities only.

male NPT

Male NPT	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	TPS1	\$0.55	50
1/4"	TPS2	0.57	50
3/8"	TPS3	0.68	50
1/2"	TPS4	0.76	50
3/4"	TPS6	0.90	50
1"	TPS8	1.12	50
1 1/4"	TPS10	1.67	25



Hex Head Drain Plugs

- Parts showing package quantities are sold in package quantities only.

male NPT

Male NPT	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	TPX1	\$0.64	50
1/4"	TPX2	0.68	50
3/8"	TPX3	0.71	50
1/2"	TPX4	0.82	50
3/4"	TPX6	0.96	50
1"	TPX8	1.17	50
1 1/4"	TPX10	1.55	50



Tuff-Lite

Push-On Male Inserts

Features:

- Parts showing package quantities are sold in package quantities only.
- No clamps are needed when these fittings are used with push-on hose.



push-on hose shank x male NPT

Hose Size	Male NPT	Nylon		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	TPN21	\$0.70	50
	1/4"	TPN22	0.72	50
	3/8"	TPN23	0.78	50
3/8"	1/4"	TPN32	0.74	50
	3/8"	TPN33	0.79	50
	1/2"	TPN34	0.93	50
1/2"	3/8"	TPN43	1.15	50
	1/2"	TPN44	1.15	50
	3/4"	TPN46	1.20	50

Push-On Female Inserts

Features:

- Parts showing package quantities are sold in package quantities only.
- No clamps are needed when these fittings are used with push-on hose.



push-on hose shank x female NPT

Hose Size	Female NPT	Nylon		Pkg Qty
		Part #	Price/E	
1/4"	1/4"	TPF22	\$1.02	50
3/8"	1/4"	TPF32	1.26	50
	3/8"	TPF33	1.26	50
1/2"	3/8"	TPF43	1.15	50
	1/2"	TPF44	1.32	50

Push-On Menders

Features:

- Parts showing package quantities are sold in package quantities only.
- No clamps are needed when these fittings are used with push-on hose.



push-on hose shank x push-on hose shank

Hose Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	TPM2	\$0.65	50
3/8"	TPM3	0.71	50
1/2"	TPM4	0.87	50

Pinch-On Single Ear Clamps

Features:

- band width: .275"
- band thickness: .030"
- sold in package quantities only

Nominal Size	Range		Zinc Plated Steel		304 Stainless Steel		Pkg Qty
	closed	open	Part #	Price/E	Part #	Price/E	
3/8"	.350	.413	105	\$0.48	105R	\$0.57	100
7/16"	.382	.445	113	0.51	113R	0.57	100
15/32"	.409	.484	123	0.51	123R	0.58	100
1/2"	.449	.524	133	0.51	133R	0.58	100
35/64"	.469	.551	140	0.51	140R	0.59	100
9/16"	.496	.571	145	0.51	145R	0.60	100
5/8"	.543	.618	157	0.51	157R	0.61	100
11/16"	.595	.669	170	0.51	170R	0.63	100
23/32"	.618	.728	185	0.51	185R	0.64	100
3/4"	.669	.780	198	0.52	198R	0.65	100
13/16"	.717	.827	210	0.53	210R	0.69	100
7/8"	.780	.890	226	0.54	226R	0.70	100
15/16"	.839	.949	241	0.55	241R	0.71	100
1"	.898	1.008	256	0.55	256R	0.73	100
1-1/16"	.945	1.067	271	0.57	271R	0.75	100
1-1/8"	1.004	1.126	286	0.58	286R	0.76	100
1-3/16"	1.063	1.185	301	0.59	301R	0.78	100
1-5/16"	1.181	1.303	331	0.62	331R	0.81	100
1-3/8"	1.240	1.362	346	0.64	346R	0.84	100
1-15/32"	1.358	1.480	376	0.67	376R	0.86	100
1-9/16"	1.437	1.559	396	0.70	396R	0.91	100
1-5/8"	1.492	1.614	410	0.71	410R	0.92	100
1-11/16"	1.551	1.673	425	0.73	425R	0.94	100
1-23/32"	1.610	1.732	440	0.74	440R	0.96	100
1-3/4"	1.669	1.791	455	0.77	455R	0.98	100
1-13/16"	1.728	1.850	470	0.80	470R	0.99	100
1-7/8"	1.787	1.909	485	0.81	485R	1.00	100
1-15/16"	1.847	1.969	500	0.83	500R	1.05	100
2"	1.906	2.028	515	0.85	515R	1.05	100



K

Pinch-On Double Ear Clamps

Features:


- When ordering double ear clamps, select nominal clamp size nearest to, but always larger than, the OD of material to be clamped after insert has been fitted.

Nominal Size	Range		Band Width	Zinc Plated Steel		304 Stainless Steel		Pkg Qty
	closed	open		Part #	Price/E	Part #	Price/E	
3/16"	.134	.197	.197	0305	\$0.85	0305R	\$1.10	100
1/4"	.197	.276	.236	0507	0.90	0507R	1.15	100
5/16"	.276	.354	.275	0709	0.90	0709R	1.20	100
3/8"	.319	.433	.275	0811	0.90	0811R	1.20	100
1/2"	.425	.512	.275	1113	0.92	1113R	1.30	100
9/16"	.492	.591	.295	1315	1.04	1315R	1.43	100
19/32"	.551	.669	.315	1517	1.05	1517R	1.58	100
5/8"	.591	.709	.315	1518	1.05	1518R	1.68	100
3/4"	.638	.787	.335	1720	1.14	1720R	1.88	100
13/16"	.709	.866	.354	1922	2.07	1922R	1.93	100
7/8"	.748	.906	.354	2023	1.30	2023R	2.08	100
15/16"	.827	.984	.394	2225	2.42	2225R	2.17	100
1"	.886	1.063	.394	2327	1.55	2327R	2.32	100
1-1/8"	1.035	1.221	.394	2731	1.70	2731R	2.62	100
1-7/16"	1.260	1.457	.394	3437	1.89	3437R	3.06	100
1-1/2"	1.378	1.575	.394	3740	3.29	3740R	3.20	100



Stepless® Ear Clamps

Technical Information:

- once installed and clamped, any tampering is easily visible
- *Clamps are not reusable*; they should not be pried open, doing so renders the clamps nonfunctional. 
- When ordering Stepless® ear clamps, select the nominal size nearest to, but always larger than, the outside diameter of the material to be clamped. The outside diameter should be determined with connection fully assembled.
- sold in quantities of 100 per bag

Features:

- ensured clamping seal
- for low durometer and/or thin-walled hose/tubing
- for silicon, vinyl, polyurethane or other high-tech materials
- smooth inner band prevents damage to the hose while the tongue-in-groove design provides a 360° seal
- no steps or gaps inside the clamp
- install clamps using 1098 or 1099 clamp tools below
- Stepless® ear clamps hold against pressure and vibration or material shrinkage due to temperature changes or aging.
- A built-in spring action permits the clamp to breathe without loosening.



Nominal Size	Range (inches)		304 Stainless Steel	
	closed	open	Part #	Price/E
9/32"	.228	.275	0983	\$1.00
3/8"	.307	.374	0986	1.00
7/16"	.378	.445	0989	1.00
1/2"	.425	.524	0993	1.05
35/64"	.453	.551	0997	1.05
9/16"	.472	.571	0999	1.05
5/8"	.520	.618	1005	1.05
11/16"	.571	.669	1009	1.10
3/4"	.654	.779	1021	1.25
13/16"	.701	.827	1029	1.25

K

Clamp Service Kit



Plastic kit box contains zinc plated 2-ear clamps:

- 15 of part #0709
- 15 of part #0811
- 15 of part #1113
- 15 of part #1315
- 15 of part #1518
- 12 of part #1720
- 12 of part #2023
- 12 of part #2225
- 12 of part #2327
- 1 pair of standard jaw pincers, part # 1098

Part #	Price/E
SK1098	\$201.25

Clamp Construction Kit



Plastic construction clamp kit box contains the following:

- 50 of part #2225 (zinc plated, 2-ear clamps)
- 40 of part #2731 (zinc plated, 2-ear clamps)
- 6 hose menders (½", plastic)
- 1 pair of long handle pincers

Part #	Price/E
18500116	\$370.00

Clamp Tools for Pinch-On Clamps



straight jaw

Part #	Price/E
9901	\$107.00



standard jaw

Part #	Price/E
1098	\$62.25



side jaw

Part #	Price/E
1099	\$76.00

Dixon Worm Gear Clamps

Features:

- clamp meets SAEJ1508 which supercedes Mil Spec WW-C-440B
- four-piece construction
- screw design: 5/16" slotted hex head
- maximum recommended torque 50 in. lbs.
- **all clamps sold 10 per box**

Style HS material:

- band and housing: SAE 201/301 series stainless
- screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel

Style HSS material:

- band and housing: SAE 300 series stainless
- screw: SAE 300 series stainless

Band Width	Hose OD		style HS		Master Case Qty	style HSS		Master Case Qty
	from	to	Part #	Price /Each		Part #	Price /Each	
1/2"	7/16"	25/32"	HS6	\$1.50	200	HSS6	\$2.00	200
	1/2"	29/32"	HS8	1.50	200	HSS8	2.00	200
	9/16"	1-1/16"	HS10	1.50	500	HSS10	2.00	500
	11/16"	1-1/4"	HS12	1.55	500	HSS12	2.00	500
	13/16"	1-1/2"	HS16	1.55	500	HSS16	2.00	500
	13/16"	1-3/4"	HS20	1.55	500	HSS20	2.05	500
	1-1/16"	2"	HS24	1.55	500	HSS24	2.05	500
	1-5/16"	2-1/4"	HS28	1.60	500	HSS28	2.05	500
	1-9/16"	2-1/2"	HS32	1.60	500	HSS32	2.05	500
	1-13/16"	2-3/4"	HS36	1.65	500	HSS36	2.15	500
	2-1/16"	3"	HS40	2.00	200	HSS40	2.45	200
	2-5/16"	3-1/4"	HS44	2.20	200	HSS44	2.80	200
	2-9/16"	3-1/2"	HS48	2.20	200	HSS48	2.80	200
	2-13/16"	3-3/4"	HS52	2.40	200	HSS52	2.95	200
	3-1/16"	4"	HS56	2.40	200	HSS56	2.95	200
	3-5/16"	4-1/4"	HS60	2.50	200	HSS60	3.00	200
9/16"	3-9/16"	4-1/2"	HS64	2.50	200	HSS64	3.00	200
	1-7/8"	5"	HS72	2.70	100	HSS72	3.30	100
	2-1/2"	5-1/2"	HS80	3.10	100	HSS80	3.40	100
	3-1/8"	6"	HS88	3.20	100	HSS88	3.75	100
	3-5/8"	6-1/2"	HS96	3.25	100	HSS96	3.85	100
	4-1/8"	7"	HS104	3.30	100	HSS104	3.35	100
	5-5/8"	8-1/2"	HS128	4.90	100	HSS128	5.25	100
	7-1/8"	10"	HS152	5.25	100	HSS152	5.80	100
	9-3/8"	12-1/4"	HS188	5.75	100	HSS188	6.35	100
	10-1/8"	13"	HS200	5.80	100	HSS200	6.80	100
	10-7/8"	13-3/4"	HS212	5.90	100	HSS212	7.15	100
	11-5/8"	14-1/2"	HS224	6.55	100	HSS224	7.60	100
	12-3/8"	15-1/4"	HS236	7.10	100	HSS236	8.40	100
	13-1/8"	16"	HS248	7.45	100	HSS248	9.40	100
17-1/8"	20"	HS312	9.10	100	HSS312	10.75	100	



style HSS

K

Miniature Worm Gear Clamps

Features:

- meets SAE J1508
- screw design: 1/4" slotted hex head
- maximum recommended torque 15 in. lbs.
- **all clamps sold 10 per box**

Style MH material:

- band and housing: SAE 201/301 series stainless
- screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel

Style MAH material:

- band and housing: SAE 300 series stainless
- screw: SAE 300 series stainless

Band Width	Hose OD		style MH		Master Case Qty	style MAH		Master Case Qty
	from	to	Part #	Price /Each		Part #	Price /Each	
5/16"	7/32"	5/8"	MH4	\$1.15	500	MAH4	\$1.45	500
	7/16"	25/32"	MH6	1.15	500	MAH6	1.45	500
	1/2"	29/32"	MH8	1.35	200	MAH8	1.65	200
	9/16"	1-1/16"	MH10	1.35	200	MAH10	1.65	200
	11/16"	1-1/4"	MH12	1.40	200	MAH12	1.75	200
	15/16"	1-1/2"	MH16	1.40	200	MAH16	1.75	200
	1-3/16"	1-3/4"	MH20	1.45	200	MAH20	1.75	200



style MAH



Torque ratings correspond to the torque rating of the screw of the clamp and are not an indication of the working pressure of any hose assembly installed with this clamp.

Marine Grade Worm Gear Clamps

Features:

- three-piece construction
- clamp meets SAEJ1508 which supercedes Mil Spec WW-C-440B
- 316 marine grade SS: band, screw, housing
- screw design: 5/16" slotted hex head
- maximum recommended torque 50 in. lbs.
- **all clamps sold 10 per box**



Band Width	Hose OD		316 Stainless Steel		Price/Each
	from	to	Part #		
1/2"	3/8"	7/8"	MGC6		\$2.95
	7/16"	1"	MGC8		2.95
	1/2"	1-1/16"	MGC10		2.95
	1/2"	1-1/4"	MGC12		3.05
	11/16"	1-1/2"	MGC16		3.05
	3/4"	1-3/4"	MGC20		3.05
	1"	2"	MGC24		3.05
	1-1/4"	2-1/4"	MGC28		3.10
	1-1/2"	2-1/2"	MGC32		3.10
	1-3/4"	2-3/4"	MGC36		3.20
	2"	3"	MGC40		3.40
	2-1/4"	3-1/4"	MGC44		3.95
	2-1/2"	3-1/2"	MGC48		3.95
	2-3/4"	3-3/4"	MGC52		4.20
	3"	4"	MGC56		4.20
	2-1/2"	4-1/2"	MGC64		4.65
	3"	5"	MGC72		4.80
	3-1/2"	5-1/2"	MGC80		5.30
	4"	6"	MGC88		5.45
	4-1/2"	6-1/2"	MGC96		5.65
5"	7"	MGC104		5.70	

Thumb Screw Clamps

Features:

- worm gear style clamp, no tools required
- screw cap removable to make clamp tamper resistant
- plated carbon steel screw with a yellow thermoplastic screw cap, removable and reusable
- band and housing are stainless steel



Band Width	Hose OD		Stainless Steel		Pkg Qty
	from	to	Part #	Price/E	
5/16"	1/4"	5/8"	MH4Y	\$2.50	10
1/2"	1/2"	1-1/4"	HS12Y	3.45	10
1/2"	3/4"	1-3/4"	HS20Y	3.75	10
1/2"	1-1/4"	2-1/4"	HS28Y	4.05	10

Aero-Seal® Clamps

Features:

- four-piece construction
- band slots designed for strength and smooth action
- saddle interlocks into embossed band to form a true concentric circle
- slotted hex head screw design
- heat treated screws have buttress thread type
- safety collar or thumb screw available on the style 200 series only
- maximum recommended torque 50 in. lbs.
- **all clamps sold 10 per box**

! Torque ratings correspond to the torque rating of the screw of the clamp and are not an indication of the working pressure of any hose assembly installed with this clamp.

Style 100:

- band and housing: 300 SS
- screw: plated carbon steel

Style 200:

- band and housing: 300 SS
- screw: 410 stainless steel

Style 300:

- band and housing: 302 SS
- screw: 305 stainless steel



style 300

Band Width	Hose OD		Style 100		Style 200		Style 300		Pkg Qty
	from	to	Part #	Price/E	Part #	Price/E	Part #	Price/E	
9/16"	7/16"	25/32"	10006	\$1.95	20006	\$2.40	30006	\$2.75	10
	1/2"	29/32"	10008	1.95	20008	2.40	30008	2.75	10
	9/16"	1-1/16"	10010	1.95	20010	2.40	30010	2.75	10
	11/16"	1-1/4"	10012	2.05	20012	2.50	30012	2.85	10
	13/16"	1-1/2"	10016	2.05	20016	2.50	30016	2.85	10
	13/16"	1-3/4"	10020	2.05	20020	2.50	30020	2.90	10
	1-1/16"	2"	10024	2.05	20024	2.50	30024	2.90	10
	1-5/16"	2-1/4"	10028	2.10	20028	2.60	30028	2.95	10
	1-9/16"	2-1/2"	10032	2.10	20032	2.60	30032	2.95	10
	1-13/16"	2-3/4"	10036	2.15	20036	2.65	30036	3.00	10
	1-1/16"	3"	10040	2.65	20040	3.25	30040	3.70	10
	2-5/16"	3-1/4"	10044	2.85	20044	3.55	30044	4.00	10
	2-9/16"	3-1/2"	10048	2.85	20048	3.55	30048	4.00	10
	2-13/16"	3-3/4"	10052	3.05	20052	3.80	30052	4.25	10
	3-1/16"	4"	10056	3.05	20056	3.80	30056	4.25	10
	3-5/16"	4-1/4"	10060	3.30	20060	4.10	30060	4.60	10

Aero-Seal® Liner Clamps

Features:

- The integral extension of the band as a liner (no rivets or welds) protects soft surface hose (silicone and others) from damage caused by extrusion or shearing through the band slots.
 - screw design: 5/16 hex slotted hex head
 - all clamps sold 10 per box**
 - band, saddle, housing: stainless steel
- Style DL:
- screw: plated carbon steel
- Style DLS:
- screw: 410 stainless steel

Band Width	Hose OD		style DL		Pkg Qty	style DLS		Pkg Qty
	from	to	Part #	Price/E		Part #	Price/E	
½"	7/16"	25/32"	DL9206	\$3.15	10	DLS9406	\$3.80	10
	1/2"	29/32"	DL9208	3.15	10	DLS9408	3.80	10
	9/16"	1-1/16"	DL9210	3.15	10	DLS9410	3.80	10
	11/16"	1-1/4"	DL9212	3.20	10	DLS9412	3.90	10
	13/16"	1-1/2"	DL9216	3.20	10	DLS9416	3.90	10
	13/16"	1-3/4"	DL9220	3.25	10	DLS9420	3.95	10
	1-1/16"	2"	DL9224	3.25	10	DLS9424	3.95	10
	1-5/16"	2-1/4"	DL9228	3.35	10	DLS9428	4.00	10
	1-9/16"	2-1/2"	DL9232	3.35	10	DLS9432	4.00	10
	1-13/16"	2-3/4"	DL9236	3.40	10	DLS9436	4.10	10
	2-1/16"	3"	DL9240	4.20	10	DLS9440	5.00	10
	2-5/16"	3-1/4"	DL9244	4.50	10	DLS9444	5.05	10
	2-9/16"	3-1/2"	DL9248	4.50	10	DLS9448	5.20	10



style DLS

WaveSeal Clamps

Application:

- provides optimal retention in applications involving thermal cycling and / or high vibration

Features:

- produces a sealing O-ring effect that prevents leakage
- 5/16" head screw
- all clamps sold 10 per box**
- construction:
 - band: 301 stainless steel
 - liner and housing: 304 stainless steel
 - screw: 410 stainless steel

Band Width	Hose OD		Stainless Steel Part #	Price/E
	from	to		
9/16"	13/16"	1-19/64"	WSS16	6.00
	1-1/16"	1-3/8"	WSS19	6.05
	1"	1-9/16"	WSS20	6.05
	1-1/8"	1-11/16"	WSS22	6.40
	1-3/16"	1-13/16"	WSS24	6.50
	1-5/16"	2-1/16"	WSS28	6.80
	1-9/16"	2-5/16"	WSS32	6.80
	1-5/8"	2-7/16"	WSS34	7.45
	1-11/16"	2-9/16"	WSS36	7.60
	1-13/16"	2-13/16"	WSS40	7.95
	2-1/16"	3-1/16"	WSS44	7.95
	2-3/16"	3-5/16"	WSS48	8.25
	2-3/8"	3-9/16"	WSS52	8.65
	2-1/2"	3-13/16"	WSS56	9.10
	2-11/16"	4-1/16"	WSS60	9.50
	2-13/16"	4-5/16"	WSS64	9.85
	3-3/16"	4-13/16"	WSS72	10.60
	3-9/16"	5-5/16"	WSS80	12.00
	3-13/16"	5-13/16"	WSS88	12.80



HTM Hi Torque Clamps

Features:

- withstands more than three times the SAE torque requirements for worm-driven clamps
- eight screw threads are engaged in the band simultaneously for incredible torquing drive (over 150 in. lbs.), sealing pressure and vibration resistance
- slotted hex head screw design

Material:

- band and housing: 300 series half hard stainless
- screw: 410 stainless steel screw



style HTM

Band Width	Hose OD		Stainless Steel		Opt Qty
	from	to	Part #	Price/E	
5/8"	1 1/4"	2 1/8"	HTM200	\$5.05	10
	1 3/4"	2 5/8"	HTM250	5.10	10
	2 1/4"	3 1/8"	HTM300	5.30	10
	2 3/4"	3 5/8"	HTM350	5.40	10
	3 1/2"	4 1/8"	HTM400	5.55	10
	3 3/4"	4 5/8"	HTM450	5.70	10
	4 1/4"	5 1/8"	HTM500	5.90	10
	4 3/4"	5 5/8"	HTM550	6.30	10
	5 1/4"	6 1/8"	HTM600	6.45	10
	5 3/4"	6 5/8"	HTM650	6.55	10
	6 1/4"	7 1/8"	HTM700	6.75	10
	6 3/4"	7 5/8"	HTM750	7.30	10
	7 1/4"	8 1/8"	HTM800	7.45	10
	7 3/4"	8 5/8"	HTM850	7.60	10
	8 1/4"	9 1/8"	HTM900	7.80	10

extended range sizes



style HP

Band Width	Hose OD		Stainless Steel	
	from	to	Part #	Price/E
5/8"	1 1/4"	2 5/8"	HP2	\$5.10
	2 1/8"	4 1/8"	HP3	5.55
	4"	6 1/8"	HP4	6.45
	6 1/8"	9 1/8"	HP5	7.80

Constant Torque Clamps

Features:

- A patented Belleville spring mechanism permits the clamp to automatically increase or decrease its own diameter due to changes in operational or environmental temperatures.
- 3/8" hex, carbon steel screw
- 5/8" wide 304 stainless steel band



Band Width	Hose OD		Part #	Price/E	Hose OD		Part #	Price/E
	from	to			from	to		
5/8"	1"	1 3/4"	CT175L	\$19.30	5 1/4"	6 1/8"	CT600L	\$21.75
	1 1/4"	2 1/8"	CT200L	19.30	5 3/4"	6 5/8"	CT650L	21.75
	1 3/4"	2 5/8"	CT250L	19.50	6 1/4"	7 1/8"	CT700L	22.25
	2 1/4"	3 1/8"	CT300L	19.80	6 3/4"	7 5/8"	CT750L	23.25
	2 3/4"	3 5/8"	CT350L	20.00	7 1/4"	8 1/8"	CT800L	23.50
	3 1/4"	4 1/8"	CT400L	20.25	7 3/4"	8 5/8"	CT850L	23.75
	3 3/4"	4 5/8"	CT450L	20.50	8 1/4"	9 1/8"	CT900L	24.00
	4 1/4"	5 1/8"	CT500L	20.75	8 3/4"	9 5/8"	CT950L	24.50
	4 3/4"	5 5/8"	CT550L	21.50	--	--	--	--

Quick Release Clamps

Features:

- maximum recommended torque: 30 in. lbs.
- band and housing: 301 series stainless
- screw design: 5/16" slotted hex head
- **Parts showing package quantities are sold in package quantities only.**



• Torque ratings correspond to the torque rating of the screw of the clamp and are not an indication of the working pressure of any hose assembly installed with this clamp.

Style LS:

- screw: plated hardened carbon steel

Style LSS:

- screw: SAE 410 series stainless

Band Width	Hose OD		style LS		Pkg Qty	style LSS		Pkg Qty
	from	to	Part #	Price/E		Part #	Price/E	
1/2"	1-1/2"	3-1/2"	LS48	\$2.90	10	LSS48	\$4.60	10
	1"	4"	LS56	3.10	10	---	---	--
	2"	5"	LS72	3.60	10	LSS72	4.89	10
	2-1/16"	6"	LS88	4.20	10	LSS88	5.70	10
	3-1/2"	6-9/16"	LS96	4.10	--	---	---	--
	1-3/4"	7"	LS104	5.10	10	LSS104	6.25	10
	1-3/4"	8-9/16"	LS128	4.85	--	LSS128	6.10	--
	2"	10"	LS152	7.45	--	---	---	--
	2-1/16"	12-5/16"	LS188	6.00	--	LSS188	7.20	--
	10-3/16"	14"	---	---	--	LSS216	7.85	--
	10-3/4"	16"	---	---	--	LSS248	8.90	--
	14"	20"	---	---	--	LSS312 NEW	10.90	--



style LS

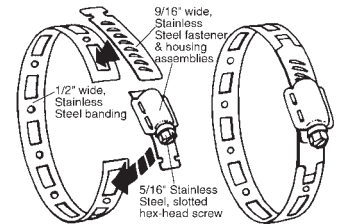


style LSS

Make-A-Clamp Kits

Features:

- A maintenance clamp system in a box; by simply cutting off a piece of banding from a continuous roll, you can make any size stainless steel worm-driven clamp from 3" diameter and up. It is a must for anyone likely to encounter requirements for varying sized large clamps.
- reusable
- band width: 1/2"
- band thickness: .023"
- screw design: 5/16" slotted hex head
- band and housing material: 302 stainless
- screw material: 410 stainless



K

Contents	Stainless Steel	
	Part #	Price/E
mini kit: 8 1/2' band, 3 adjustable fasteners, 1 band splice	4000	\$27.50
kit with 100' band, 25 adjustable fasteners, 10 band splices	4001	216.70
kit with 50' band, 10 adjustable fasteners, 5 band splices	4002	108.25
box with 10 adjustable fasteners: priced per box	4004	45.40
box with 100' band, 10 band splices	4005	109.20
box with 50' band, 5 band splices	4006	59.30
6" demonstrator kit with clamps	4007	17.00
box with 10 band splices: priced per box	4008	25.75



Dixon Racks for Worm Gear Clamps

Features:

- top load metal rack made of nickel plated steel rods with enameled steel sign
- sign identifies each clamp size and diameter range
- rack with clamps contains 9 clamp sizes with diameter ranges from 7/32" - 2-3/4"
- Clamps included are:
 - 30 of part# MH4
 - 30 of part# MH6
 - 20 of part# HS10
 - 20 of part# HS12
 - 20 of part# HS20
 - 20 of part# HS24
 - 20 of part# HS28
 - 20 of part# HS32
 - 20 of part# HS36

Description	Part #	Price/E
with 200 clamps	CRWC	\$371.50
without clamps	CR	96.00



CRWC



CR

Band Clamps - F series

Center Punch Clamps

Features:

- install with center punch tools F1, F38, F40 and F100 located on page 371, other manufacturer's punch style tools may also be used
- on stainless clamps, bands are 300 series stainless steel, buckles are 302 series stainless steel
- **sold in package quantities only**

style F (pre-formed)

Band Width	ID	Band THK	Stainless Steel		Pkg Qty	Band THK	Galvanized Steel		Pkg Qty
			Part #	Price/E			Part #	Price/E	
3/8"	13/16"	.020	FS3	\$1.55	100	.025	F3	\$0.95	100
	1-3/8"	.020	FS311	1.75	100	.025	F311	1.00	100
5/8"	1"	.022	FS4	2.05	100	.025	F4	1.05	100
	1-1/4"	.022	FS5	2.20	100	.025	F5	1.10	100
	1-1/2"	.022	FS6	2.35	100	.031	F6	1.20	100
	1-3/4"	.022	FS7	2.55	100	.031	F7	1.30	100
	2"	.022	FS8	2.70	100	.031	F8	1.35	100
	2-1/4"	.022	FS9	2.85	100	.031	F9	1.40	100
	2-1/2"	.022	FS10	3.10	50	.031	F10	1.65	50
	2-3/4"	.022	FS11	3.25	50	.031	F11	1.70	50
	3"	.022	FS12	3.45	50	.031	F12	1.80	50
	3-1/2"	.022	FS14	3.80	50	.031	F14	1.95	50
	4"	.022	FS16	4.25	25	.031	F16	2.20	25
	4-1/2"	.022	FS18	4.60	25	.031	F18	2.40	25
5"	.022	FS20	4.95	25	.031	F20	2.45	25	
6"	.022	FS24	5.65	25	.031	F24	2.90	25	
7"	.022	FS28	6.40	25	.031	F28	3.40	25	
8"	.022	FS32	7.10	25	.031	F32	3.70	25	



style F

K

style FO (open end)

Band Width	ID	Band THK	Stainless Steel		Pkg Qty	Band THK	Galvanized Steel		Pkg Qty
			Part #	Price/E			Part #	Price/E	
3/8"	13/16"	.020	FOS3	\$3.70	100	.025	FO3	\$3.30	100
	1-3/8"	.020	FOS311	3.90	100	.025	FO311	3.40	100
	2"	.020	FOS316	4.10	100	.025	FO316	3.45	100
	3-1/8"	.020	FOS325	4.40	100	.025	FO325	3.60	100
5/8"	2"	.022	FOS8	3.85	100	.025	FO8	2.20	100
	2-1/2"	.022	FOS10	4.25	50	.025	FO10	2.30	50
	3"	.022	FOS12	4.65	50	.031	FO12	2.45	50
	3-1/2"	.022	FOS14	5.05	50	.031	FO14	2.60	50
	4"	.022	FOS16	5.40	50	.031	FO16	2.70	50
	4-1/2"	.022	FOS18	5.75	50	.031	FO18	2.90	50
	5"	.022	FOS20	6.20	25	.031	FO20	3.10	25
	6"	.022	FOS24	6.95	25	.031	FO24	3.30	25
	7"	.022	FOS28	8.10	25	.031	FO28	3.50	25
	8"	.022	FOS32	9.10	25	.031	FO32	3.80	25
	9"	.022	---	---	25	.031	FO36	4.35	25
	10"	.022	---	---	25	.031	FO40	4.60	25
	12"	.022	---	---	25	.031	FO48	5.55	25
	14"	.022	---	---	10	.031	FO56	6.75	10



style FO

Band Clamps - K series Universal Preformed Clamp style K (pre-formed)

Features:

- on stainless clamps, bands are 300 series stainless steel, buckles are 302 series stainless steel
- can be center punched or rolled over, install with the center punch or roll over tools located on page 371
- Fast-Lok™ tools: F1, F40, F100 (page 371)
- Super Strap Tools: 51960 screw action with 51970 adapter (page 372)
- Bandit®: S100 air tool with S180 Jr. head, C-001 hand tool with J001 Jr. adapter, S350 air tool with S260 Jr. head, T-240 for 3/8" only or T-250 for 3/8" and 5/8", S-38 for 3/8" and 5/8", J-102 Pok-It™ for 3/8" only.
- Punch-Lok® tools: P-1000 for 3/8" and 5/8", P-3000 for 3/8" only, P-38 for 3/8" and 5/8"
- **sold in package quantities only**

Band Width	ID	Band THK	Stainless Steel			Band THK	Galvanized Steel		
			Part #	Price/E	Pkg Qty		Part #	Price/E	Pkg Qty
3/8"	13/16"	.025	KS3	\$1.55	100	.025	K3	\$1.00	100
	1-3/8"	.025	KS311	1.75	100	.025	K311	1.05	100
5/8"	1"	.031	KS4	2.65	100	.030	K4	1.40	100
	1-1/4"	.031	KS5	2.70	100	.030	K5	1.45	100
	1-1/2"	.031	KS6	2.90	100	.030	K6	1.55	100
	1-3/4"	.031	KS7	3.10	100	.030	K7	1.60	100
	2"	.031	KS8	3.30	100	.030	K8	1.65	100
	2-1/4"	.031	KS9	3.55	100	.030	K9	1.70	100
	2-1/2"	.031	KS10	3.80	50	.030	K10	1.80	50
	2-3/4"	.031	KS11	4.15	50	.030	K11	1.95	50
	3"	.031	KS12	4.35	50	.030	K12	2.00	50
	3-1/2"	.031	KS14	4.80	50	.030	K14	2.15	50
	4"	.031	KS16	5.35	25	.030	K16	2.40	25
	4-1/2"	.031	KS18	5.75	25	.030	K18	2.50	25
	5"	.031	KS20	6.20	25	.030	K20	2.70	25
	6"	.031	KS24	7.05	25	.030	K24	3.10	25
7"	.031	KS28	8.05	25	.030	K28	3.60	25	
8"	.031	KS32	8.95	25	.030	K32	3.80	25	

**K****3/4" width style K (pre-formed)****Feature:**

- 3/4" width K Clamp must be applied with F175 hand tool located on page 371

Band Width	ID	Band THK	Stainless Steel		Pkg Qty
			Part #	Price/E	
3/4"	2"	.030	KS87501	\$4.60	100
	2-1/4"	.030	KS97501	4.65	100
	2-1/2"	.030	KS107501	4.85	50
	2-3/4"	.030	KS117501	5.05	50
	3"	.030	KS127501	5.30	50
	3-1/2"	.030	KS147501	5.80	50
	4"	.030	KS167501	6.40	25
	4-1/2"	.030	KS187501	7.05	25
	5"	.030	KS207501	7.50	25
	6"	.030	KS247501	8.70	25
	7"	.030	KS287501	10.00	25
8"	.030	KS327501	11.00	25	

Dixon Smooth ID Clamps

Application:

For use with industrial hose made of stiffer, thinner thermoplastics.

Features:

- provide a uniform, gap-free inside diameter, and strong holding power.
- Install with roll over type clamp tools and most common band clamp tools such as the 51960 and 51970 band tools on page 372.
- **sold in package quantities only**



Band Width	ID	Band THK	201 Stainless Steel		Pkg Qty	Galvanized Steel		Pkg Qty
			Part #	Price/E		Part #	Price/E	
3/8"	13/16"	.025	JS201	\$2.45	100	JS301	\$1.20	100
	1"	.025	JS243	2.80	100	JS343	1.15	100
	1-3/8"	.025	JS202	2.70	100	---	---	---
	2"	.025	JS245 ¹	3.10	100	---	---	---
1/2"	1"	.030	JS203	3.40	100	JS303	1.45	100
	1-1/4"	.030	JS204	3.70	100	JS304	1.55	100
	2-3/4"	.030	JS230	5.60	100	JS330 ¹	2.30	100
5/8"	1-1/2"	.030	JS205	4.50	100	JS305	1.70	100
	1-3/4"	.030	JS206	4.95	100	JS306	1.90	100
	2"	.030	JS207	5.45	100	JS307	2.15	100
	2-1/4"	.030	JS208	5.75	100	JS308	2.20	100
	2-1/2"	.030	JS209	6.15	100	JS309	2.35	100
3/4"	2-3/4"	.030	JS210	7.30	50	JS310 ¹	2.85	50
	3"	.030	JS211	7.95	50	JS311 NEW	3.00	50
	3-1/2"	.030	JS212	8.45	50	JS312	3.20	50
	4"	.030	JS213	9.65	25	JS313	3.70	25
	4-1/2"	.030	JS214	10.40	25	JS314	3.90	25
	5"	.030	JS215	11.20	25	JS315	4.30	25
	6"	.030	JS216 ¹	12.90	25	---	---	---
	7"	.030	JS218 ¹	15.50	25	---	---	---

¹ stock quantities only

K

Dixon Smooth ID Center Punch Clamps

Application:

- Recommended for use in applications where conditions are highly corrosive.

Features:

- double wrapped and locked with the conical punch of the F100 tool (page 371)
- unique dimple design offers excellent sealing strength while maintaining radial compression
- heavy buckle provides optimal holding power
- ideal for thin wall hose
- low profile
- **sold in package quantities only**



Band Width	ID	Band THK	201 Stainless Steel		Pkg Qty
			Part #	Price/E	
5/8"	1"	.025	HBC4S	\$2.20	100
	1 1/4"	.025	HBC5S	2.40	100
	1 1/2"	.025	HBC6S	2.50	100
	1 3/4"	.025	HBC7S	2.70	100
	2"	.025	HBC8S	2.90	100
	2 1/4"	.025	HBC9S	3.05	100
	2 1/2"	.025	HBC10S	3.30	50
	2 3/4"	.025	HBC11S	3.45	50
	3"	.025	HBC12S	3.60	50
	3 1/2"	.025	HBC14S	4.00	50
	4"	.025	HBC16S	4.55	25
	4 1/2"	.025	HBC18S	4.80	25
	5"	.025	HBC20S	5.15	25
	6"	.025	HBC24S	5.90	25
	7"	.025	HBC28S	6.65	25
	8"	.025	HBC32S	7.40	25

Band Clamp Hand Tools

Description	Part #	Price/E
Portable locking hand tool used to apply punch type $\frac{3}{8}$ " and $\frac{5}{8}$ " band clamps. For use with F series only.	F38	\$87.00



Description	Part #	Price/E
Intermediate hand tool for $\frac{3}{8}$ " and $\frac{5}{8}$ " band clamps.	F40	\$151.00



Description	Part #	Price/E
Hand tool for application of $\frac{5}{8}$ " band clamps. Imported	F1	\$205.60



Description	Part #	Price/E
Hand tool for application of $\frac{3}{8}$ " and $\frac{5}{8}$ " band clamps.	F100	\$351.00

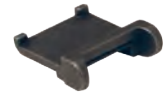


K

Description	Part #	Price/E
Hand tool for application of $\frac{3}{4}$ " K clamps only.	F175	\$886.00



Description	Part #	Price/E
$\frac{3}{8}$ " clamp adapter for F100 tool only.	F229	\$21.25



Band Clamp Tool Accessories

Description	Part #	Price/E
Mallet for punching band clamps	F225	\$72.00



Description	Part #	Price/E
Clamp cutter	F550	\$138.00



Band and Buckle



strapping



buckles

Applications:

- install with C2 or 51960 band clamp tools at bottom of page
- sold in box quantities only

strapping

Band Width	Band Thickness	Length	201 Stainless Steel		Galvanized Steel	
			Part #	Price/E	Part #	Price/E
3/8"	.025	100'	SS375	\$99.00	SG375	\$50.15
1/2"	.031	100'	SS500	136.70	SG500	63.00
5/8"	.031	100'	SS625	185.40	SG625	76.00
3/4"	.031	100'	SS750	223.10	SG750	90.00

buckles

Band Width	201 Stainless Steel			Galvanized Steel		
	Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
3/8"	CS375	\$0.70	100	CG375	\$0.32	100
1/2"	CS500	0.92	100	CG500	0.47	100
5/8"	CS625	1.15	100	CG625	0.53	100
3/4"	CS750	1.60	100	CG750	0.75	50

Set Screw Buckles

Applications:

- Used in applications when a temporary clamp is desired or space limitations do not allow for tool roll-over,
- set screw locks band after tensioning.
- sold in box quantities only



K

Band Width	201 Stainless Steel		Pkg Qty
	Part #	Price/E	
3/8"	SSB375	\$5.60	50
1/2"	SSB500	4.00	25
3/4"	SSB750 ¹	5.10	25

¹ 3/4" buckle may be used with 5/8" band

Stainless Steel Banding

Features:

- resistant to moisture
- built-in handle
- full view of available band
- easy to dispense and recoil



Band Width	Band Thickness	Length	Package Type	201 Stainless Steel	
				Part #	Price/E
1/2"	.030	100'	plastic blue tote	ST204B	\$142.25
5/8"	.030	100'	plastic green tote	ST205G	167.00
3/4"	.030	100'	plastic red tote	ST206R	235.50

Band Clamp Tools



Description	Part #	Price/E
Clamping tool for band and buckles	C2	\$460.00



Description	Part #	Price/E
Clamping tool for band and buckles	51960	\$156.75



Description	Part #	Price/E
adapter for 51960 tool to install preformed clamps	51970	\$140.00

Strap-Grip Saddles and Male Stems

**Features:**

- designed to provide greater resistance to end pull than conventional band clamps
- male fittings are designed for use with Strap-Grip saddles
- cam and groove fittings are available, see page 70
- Saddles are designed for use with 3/4" or 5/8" wide bands. A band clamp should first be applied to OD to seal the hose in sizes 3" and over. Then Strap-Grip saddles should be banded on top of initial clamps to anchor the fitting in the hose.

saddles

Size	Hose OD		Plated Iron	
	from	to	Part #	Price/pair ¹
1½"	1-13/16"	2-1/8"	SGS150	\$14.40
2"	2-5/8"	3"	SGS200	16.90
3"	3-1/2"	3-7/8"	SGS300	21.40
4"	4-9/16"	5-1/8"	SGS400	24.40
6"	6-1/2"	7-1/16"	SGS600	45.00



¹ prices are for two saddles

male NPT x hose shank

schedule 40

Size	Plated Carbon Steel		Stainless Steel	
	Part #	Price/pair	Part #	Price/E
1½"	LP21	\$60.00	---	---
2"	LP26	53.20	---	---
3"	LP36	125.00	RLP36¹	\$221.40
4"	LP46	164.00	RLP46¹	375.00
6"	LP66	340.00	---	---

schedule 80²


Size	Plated Carbon Steel	
	Part #	Price/E
1½"	LP21-80	\$69.00
2"	LP26-80	71.85

¹ made from tubular steel

² schedule 80 stems meet NFPA 58

Double Bolt Clamps

Features:

- inner surface has dual gripping ridges
- bolt lugs are reinforced to prevent bending out of alignment
- Torque values for clamps are based on dry bolts.
- The use of lubricant on bolts will adversely effect clamp performance. 
- measure hose OD accurately before ordering clamps
- Consult Dixon when using double bolt clamps on helical wire hose.



without saddles



with saddles

Hose OD		Plated Iron		Opt Qty	Torque in ft. lbs.
from	to	Part #	Price/E		
1-8/64"	1-12/64"	J48	\$7.30	100	15
1-12/64"	1-24/64"	J49	9.00	50	21
1-28/64"	1-34/64"	JX49	12.10	25	21
1-40/64"	1-52/64"	DL14	13.20	25	40
1-48/64"	2-3/64"	DL20	13.25	25	27
2-7/64"	2-19/64"	DL24 ¹	12.70	25	27
2-20/64"	2-40/64"	DL32 ¹	13.70	25	40
2-32/64"	2-48/64"	DL275	17.40	25	40
2-48/64"	3-4/64"	DL306	20.15	20	60
3-4/64"	3-24/64"	DL328	21.30	20	60
3-16/64"	3-32/64"	DL350	20.50	20	60


Hose OD		Plated Iron		Opt Qty	Torque in ft. lbs.
from	to	Part #	Price/E		
3-32/64"	3-52/64"	400	\$21.00	25	40
3-50/64"	4-4/64"	431	25.10	20	40
4-2/64"	4-18/64"	463	22.95	20	40
4-16/64"	4-60/64"	525	26.70	10	60
4-32/64"	5-16/64"	550	29.00	10	60
5-8/64"	5-44/64"	600	31.55	10	60
5-44/64"	5-60/64"	639	35.15	10	60
5-60/64"	6-32/64"	675	34.15	10	60
6-32/64"	7-36/64"	769	38.10	10	60
7-44/64"	8-12/64"	818	54.40	5	125
8-16/64"	8-56/64"	875	53.80	5	125
8-60/64"	9-56/64"	988	65.60	5	125
9-60/64"	11-24/64"	1125	99.00	5	125
11-12/64"	13"	1275	110.20	3	125
12-12/64"	14"	1360	175.00	2	200
13-12/64"	15"	1450	173.50	2	200
15-4/64"	17-32/64"	1700	208.10	2	260

¹ investment cast carbon steel

K

Single Bolt Clamps

Features:

- measure hose OD accurately before ordering clamps
- Torque values for clamps are based on dry bolts.
- The use of lubricant on bolts will adversely effect clamp performance. 



Hose OD		Plated Iron		Torque in ft. lbs.
from	to	Part #	Price/E	
56/64"	1"	2	\$18.70	6
62/64"	1-8/64"	3	19.90	6
1-4/64"	1-12/64"	4	20.00	6
1-10/64"	1-16/64"	5	19.40	6
1-16/64"	1-24/64"	6	19.80	6
1-22/64"	1-28/64"	7	21.00	6
1-28/64"	1-36/64"	8	25.00	6
1-34/64"	1-44/64"	9	21.50	6
1-42/64"	1-48/64"	10	21.00	6
1-48/64"	1-56/64"	11	23.50	6
1-56/64"	2-2/64"	12	22.15	6
2"	2-8/64"	13	24.10	12
2-8/64"	2-18/64"	14	25.65	12
2-16/64"	2-26/64"	15	29.90	12

Hose OD		Plated Iron		Torque in ft. lbs.
from	to	Part #	Price/E	
2-24/64"	2-32/64"	16	\$23.60	12
2-32/64"	2-40/64"	17	23.60	12
2-40/64"	2-56/64"	18	28.75	12
2-56/64"	3-4/64"	19	27.65	12
3-4/64"	3-16/64"	20	27.00	12
3-16/64"	3-28/64"	21	30.85	12
3-28/64"	3-40/64"	22	29.50	21
3-40/64"	3-52/64"	23	40.00	21
3-52/64"	4-8/64"	24	36.80	21
4-8/64"	4-20/64"	25	38.45	21
4-16/64"	4-32/64"	26	38.70	21
4-28/64"	4-40/64"	27	45.80	21
4-40/64"	4-56/64"	X27	40.00	21
4-56/64"	5-16/64"	28	44.75	21

Spring Hose Clamps

Features:

- Effective holding force and clamping strength, the single wire concentrates the clamping force in one specific area around the hose.



- Safety glasses should be worn when installing parts.
- sold in box quantity only**

Size	Hose OD		Carbon Steel		Pkg Qty
	from	to	Part #	Price/E	
5/16"	.309"	.315"	SHC0312	\$0.20	100
3/8"	.370"	.380"	SHC0375	0.22	100
1/2"	.490"	.510"	SHC0500	0.26	100
9/16"	.551"	.573"	SHC0562	0.32	100
5/8"	.610"	.640"	SHC0625	0.32	100
3/4"	.730"	.770"	SHC0750	0.35	100
13/16"	.792"	.832"	SHC0812	0.36	100
1"	.969"	1.031"	SHC1000	0.50	100
1-1/8"	1.100"	1.150"	SHC1125	0.63	50
1-1/4"	1.219"	1.280"	SHC1250	0.73	50
1-1/2"	1.469"	1.531"	SHC1500	1.25	50
1-5/8"	1.578"	1.672"	SHC1625	1.54	50



Spring Hose Clamp Pliers

Features:

- provides simple and quick installation of single wire spring hose clamps
- rugged construction
- easy to use, designed for efficiency

Part #	Price/E
SHCP	\$138.30



K

Spiral Clamps

Features:

- more than one clamp may be needed per size, contact the hose manufacturer for more information
- due to fluctuations in the OD of hose each individual installation should be checked
- for use on convoluted cover hose
- To determine which style clamp is needed for your hose look at the end of the hose; if the helix spirals in a clockwise direction away from you (along the hose), a clockwise clamp is needed. If the helix spirals in a counterclockwise direction away from you, a counterclockwise clamp is needed. Examples include, but are not limited to: Kuriyama convoluted hose uses counter clockwise clamps; Pacific Echo and Kana Flex use clockwise clamps; Goodyear uses both counter clockwise and clockwise.



clockwise wound
right hand spiral



counter clockwise wound
left hand spiral

Size	Hose OD		Plated Steel, Right Hand		Plated Steel, Left Hand	
	from	to	Part #	Price/E	Part #	Price/E
1½"	1-34/64"	1-52/64"	SC150	\$12.70	SCCW150	\$12.70
2"	2-18/64"	2-32/64"	SC200	15.65	SCCW200	15.65
2½"	2-46/64"	3-8/64"	SC250	18.40	SCCW250	18.40
3"	3"	3-32/64"	SC300	19.40	SCCW300	19.40
4"	4"	4-32/64"	SC400	22.70	SCCW400	22.70
5"	5-6/64"	5-32/64"	SC500	29.35	SCCW500	29.35
6"	6-16/64"	7"	SC600	31.20	SCCW600	31.20
8"	8-32/64"	9-16/64"	SC800	37.60	SCCW800	37.60
10"	10-40/64"	11-16/64"	SC1000	47.10	SCCW1000	49.40
12"	11-52/64"	12-61/64"	SC1200	56.00	SCCW1200	56.00

T-Bolt Clamps

**Features:**

- can be applied with a standard 7/16" socket wrench
- ¾" wide, .025" thick, 300 series stainless steel band
- alloy steel bolt, torque rating: 70 in/lbs

**Features:**

- can be applied with a standard 7/16" socket wrench
- ¾" wide, .025" thick, 300 series stainless steel band
- 300 series stainless steel bolt, torque rating: 50 in/lbs

style TBC

Hose OD		Part #	Price/E	Opt Qty
from	to			
1.250"	1.406"	TBC131	\$9.90	25
1.344"	1.562"	TBC150	7.30	25
1.594"	1.812"	TBC175	7.30	25
1.724"	1.942"	TBC188	7.30	25
1.844"	2.062"	TBC200	7.30	25
2.094"	2.312"	TBC225	7.30	25
2.224"	2.442"	TBC238	7.30	25
2.344"	2.562"	TBC250	7.50	25
2.326"	2.622"	TBC256	7.15	25
2.396"	2.692"	TBC263	7.15	25
2.516"	2.812"	TBC275	7.15	25
2.646"	2.942"	TBC288	7.20	25
2.766"	3.062"	TBC300	7.20	25
2.886"	3.182"	TBC312	7.30	25
3.016"	3.312"	TBC325	7.30	25
3.266"	3.562"	TBC350	7.65	25
3.516"	3.812"	TBC375	7.65	25
3.586"	3.882"	TBC382	7.75	25
3.766"	4.062"	TBC400	7.75	25
4.016"	4.312"	TBC425	7.75	25
4.266"	4.562"	TBC450	7.75	25
4.516"	4.812"	TBC475	7.75	25
4.766"	5.062"	TBC500	7.80	25
5.016"	5.312"	TBC525	7.80	25
5.266"	5.562"	TBC550	8.30	25
5.516"	5.812"	TBC575	8.30	25
5.766"	6.062"	TBC600	8.35	25
6.016"	6.312"	TBC625	8.35	25
6.266"	6.562"	TBC650	8.40	25
6.516"	6.812"	TBC675	8.40	25
6.766"	7.062"	TBC700	8.55	25
7.266"	7.562"	TBC750	8.60	25

style STBC

Hose OD		Part #	Price/E	Opt Qty
from	to			
1.250"	1.4063"	STBC131	\$13.30	25
1.344"	1.562"	STBC150	8.40	25
1.474"	1.692"	STBC163	8.40	25
1.594"	1.812"	STBC175	8.40	25
1.724"	1.942"	STBC188	8.40	25
1.844"	2.062"	STBC200	8.40	25
1.964"	2.182"	STBC212	8.50	25
2.094"	2.312"	STBC225	8.50	25
2.224"	2.442"	STBC238	8.50	25
2.344"	2.562"	STBC250	8.55	25
2.326"	2.622"	STBC256	8.20	25
2.396"	2.692"	STBC263	8.20	25
2.516"	2.812"	STBC275	8.20	25
2.646"	2.942"	STBC288	8.25	25
2.766"	3.062"	STBC300	8.30	25
2.886"	3.182"	STBC312	8.30	25
3.016"	3.312"	STBC325	8.30	25
3.266"	3.562"	STBC350	8.55	25
3.386"	3.682"	STBC362	8.60	25
3.516"	3.812"	STBC375	8.60	25
3.586"	3.882"	STBC382	8.60	25
3.766"	4.062"	STBC400	8.60	25
4.016"	4.312"	STBC425	8.65	25
4.266"	4.562"	STBC450	8.65	25
4.516"	4.812"	STBC475	9.30	25
4.766"	5.062"	STBC500	9.50	25
5.016"	5.312"	STBC525	9.50	25
5.266"	5.562"	STBC550	9.95	25
5.516"	5.812"	STBC575	9.95	25
5.766"	6.062"	STBC600	9.95	25
6.016"	6.312"	STBC625	9.95	25
6.266"	6.562"	STBC650	9.95	25
6.516"	6.812"	STBC675	9.95	25
6.766"	7.062"	STBC700	10.35	25
7.016"	7.312"	STBC725	10.45	25
7.266"	7.562"	STBC750	10.45	25
7.766"	8.062"	STBC800	10.70	25
8.016"	8.312"	STBC825	10.70	25
8.266"	8.562"	STBC850	10.70	25
8.646"	8.942"	STBC888	11.45	25
8.766"	9.062"	STBC900	11.45	25
9.266"	9.562"	STBC950	11.45	25
9.766"	10.062"	STBC1000	11.40	10
10.646"	10.942"	STBC1088	12.30	10
11.766"	12.062"	STBC1200	12.30	10
12.646"	12.942"	STBC1288	12.30	10

K

Heavy Duty T-Bolt Clamps

**Features:**

- can be applied with a standard ½" socket wrench.
- ¾" wide, .040" thick, 300 series stainless steel band
- carbon steel bolt, torque rating: 240 in/lbs

style HTBC

Hose OD		Part #	Price/E
from	to		
2.125"	2.4375"	HTBC238	\$13.70
2.250"	2.5625"	HTBC250	13.80
2.750"	3.0625"	HTBC300	14.00
3.250"	3.5625"	HTBC350	14.30
3.750"	4.0625"	HTBC400	14.50
4.250"	4.5625"	HTBC450	14.80
4.750"	5.0625"	HTBC500	15.00
5.250"	5.5625"	HTBC550	15.20
5.750"	6.0625"	HTBC600	15.40
6.250"	6.5625"	HTBC650	15.65
6.750"	7.0625"	HTBC700	15.90
7.250"	7.5625"	HTBC750	16.15
7.750"	8.0625"	HTBC800	16.40

**Features:**

- can be applied with a standard ½" socket wrench.
- ¾" wide, .040" thick, 300 series stainless steel band
- 300 series stainless steel bolt, torque rating: 180 in/lbs

style HSTBC

Hose OD		Part #	Price/E
from	to		
2.125"	2.4375"	HSTBC238	\$15.50
2.250"	2.5625"	HSTBC250	15.60
2.750"	3.0625"	HSTBC300	15.80
3.250"	3.5625"	HSTBC350	16.10
3.750"	4.0625"	HSTBC400	16.40
4.250"	4.5625"	HSTBC450	16.60
4.750"	5.0625"	HSTBC500	16.70
5.250"	5.5625"	HSTBC550	17.10
5.750"	6.0625"	HSTBC600	17.30
6.250"	6.5625"	HSTBC650	17.60
6.750"	7.0625"	HSTBC700	17.90
7.250"	7.5625"	HSTBC750	18.20
7.750"	8.0625"	HSTBC800	18.40
8.266"	8.562"	HSTBC850	25.75
8.646"	8.942"	HSTBC888	26.30
8.766"	9.062"	HSTBC900	26.55
9.266"	9.562"	HSTBC950	27.10
9.766"	10.062"	HSTBC1000	28.10
10.646"	10.942"	HSTBC1088	29.20
11.766"	12.062"	HSTBC1200	30.80
12.646"	12.942"	HSTBC1288	32.40

K

Long Bolt T-Bolt Clamps

Features:

- T-bolts can be applied with a standard 7/16" socket wrench.
- ¾" wide, .025" thick, 300 series stainless steel band
- 300 series stainless steel bolt, torque rating: 50 in/lbs

style STBCL

Hose OD		Part #	Price/E	Opt Qty
from	to			
2.80"	3.37"	STBC325L	\$11.60	25
3.05"	3.62"	STBC350L	11.60	25
3.37"	3.94"	STBC382L	11.60	25
3.55"	4.12"	STBC400L	11.70	25
3.75"	4.32"	STBC420L ¹	11.70	25
3.87"	4.44"	STBC432L	11.70	25
4.05"	4.62"	STBC450L	11.70	25
4.37"	4.94"	STBC482L	11.95	25
4.55"	5.12"	STBC500L	11.95	25
4.87"	5.44"	STBC532L	11.95	25
5.05"	5.62"	STBC550L	11.95	25
5.37"	5.94"	STBC582L	12.00	25
5.55"	6.12"	STBC600L ¹	12.10	25
5.87"	6.44"	STBC632L	12.10	25
6.05"	6.62"	STBC650L	12.20	25
6.30"	6.87"	STBC675L	12.20	25
6.53"	7.10"	STBC698L	12.30	25
6.55"	7.12"	STBC700L ¹	12.30	25

Hose OD		Part #	Price/E	Opt Qty
from	to			
6.62"	7.19"	STBC707L	\$12.30	25
8.05"	8.62"	STBC850L	13.15	25
8.30"	8.87"	STBC875L	13.30	25
8.43"	9.00"	STBC888L	13.70	25
8.62"	9.19"	STBC907L	13.80	25
10.25"	10.82"	STBC1070L	13.80	25
10.43"	11.00"	STBC1088L	13.80	25
10.62"	11.19"	STBC1107L ¹	13.80	25
10.72"	11.29"	STBC1117L	16.40	25
12.20"	12.77"	STBC1265L	14.35	25
12.43"	13.00"	STBC1288L	14.35	25
12.75"	13.32"	STBC1320L	14.30	25
14.20"	14.77"	STBC1465L	14.45	25
14.43"	15.00"	STBC1488L	14.45	25
14.75"	15.32"	STBC1520L	14.70	25
16.20"	16.77"	STBC1665L	15.20	25
16.43"	17.00"	STBC1688L	15.20	25

¹ stock quantities only

Industrial Hydraulic Quick-Connect Couplings

Features:

- poppet style shut-off valves in both coupler and plug
- designed to prevent fluid loss when disconnected
- meets dimensional requirements of **Series B in ISO 7241-1**
- interchangeable with Parker-Hannifin 60 series, see Hydraulic Profile Chart on page 833
- Buna-N seal
- Contact Dixon if you intend to use the fittings on a compressed air system.

Poppet Valve Couplers



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	16-263	\$29.75	5
3/8"	3/8" - 18	4000	steel	16-363	37.00	5
1/2"	1/2" - 14	4000	steel	16-463	53.00	5
3/4"	3/4" - 14	2500	steel	16-663	81.00	5
1"	1" - 11 1/2	2000	steel	16-863	108.00	5
1/4"	1/4" - 18	1000	brass	B16-263	32.50	5
3/8"	3/8" - 18	1000	brass	B16-363	44.00	5
1/2"	1/2" - 14	1000	brass	B16-463	64.00	5
3/4"	3/4" - 14	1000	brass	B16-663	97.00	5
1"	1" - 11 1/2	1000	brass	B16-863	134.00	5
1/4"	1/4" - 18	2000	303 stainless	SS16-263	74.00	5
3/8"	3/8" - 18	1500	303 stainless	SS16-363	116.50	5
1/2"	1/2" - 14	1500	303 stainless	SS16-463	184.50	5
3/4"	3/4" - 14	1500	303 stainless	SS16-663	228.95	5
1"	1" - 11 1/2	1000	303 stainless	SS16-863	367.00	5

Poppet Valve Plugs



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	17-263	\$12.50	5
3/8"	3/8" - 18	4000	steel	17-363	16.90	5
1/2"	1/2" - 14	4000	steel	17-463	22.00	5
3/4"	3/4" - 14	2500	steel	17-663	33.00	5
1"	1" - 11 1/2	2000	steel	17-863	45.00	5
1/4"	1/4" - 18	1000	brass	B17-263	14.10	5
3/8"	3/8" - 18	1000	brass	B17-363	19.30	5
1/2"	1/2" - 14	1000	brass	B17-463	22.80	5
3/4"	3/4" - 14	1000	brass	B17-663	35.50	5
1"	1" - 11 1/2	1000	brass	B17-863	46.75	5
1/4"	1/4" - 18	2000	303 stainless	SS17-263	30.50	5
3/8"	3/8" - 18	1500	303 stainless	SS17-363	46.00	5
1/2"	1/2" - 14	1500	303 stainless	SS17-463	57.70	5
3/4"	3/4" - 14	1500	303 stainless	SS17-663	105.75	5
1"	1" - 11 1/2	1000	303 stainless	SS17-863	190.00	5

Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	16-002	\$3.75	5
3/8"	rubber	16-003	4.40	5
1/2"	rubber	16-004	4.85	5
3/4"	rubber	16-006	8.45	5
1"	rubber	16-008	10.50	5
1/4"	aluminum	16-002A	13.75	5
3/8"	aluminum	16-003A	15.40	5
1/2"	aluminum	16-004A	18.00	5
3/4"	aluminum	16-006A	25.75	5
1"	aluminum	16-008A	70.00	5

Dust Caps



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	17-002	\$3.75	5
3/8"	rubber	17-003	4.30	5
1/2"	rubber	17-004	4.60	5
3/4"	rubber	17-006	9.60	5
1"	rubber	17-008	9.80	5
1/4"	aluminum	17-002A	14.60	5
3/8"	aluminum	17-003A	16.10	5
1/2"	aluminum	17-004A	21.50	5
3/4"	aluminum	17-006A	28.75	5
1"	aluminum	17-008A	77.00	5

3000 Series Hydraulic Thread-to-Connect Couplings

Applications:

- Designed for extreme high pressure applications including hydraulic rams and pumps where low flow and pressures up to 10,000 PSI are encountered.

Features:

- interchangeable with Parker 3000, Bruning IP 370 and Enerpac C 604, see Hydraulic Profile Chart on page 832
- polyurethane seals
- ball type check valves are in both the couplers and plugs

Male Couplers

Size	Male NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Pkg Qty
1/4"	1/4" - 18	10,000	steel	30-200	\$43.00	5
3/8"	3/8" - 18	10,000	steel	30-300	45.00	5



Female Couplers

Size	Female NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Pkg Qty
3/8"	3/8" - 18	10,000	steel	30-300F	\$50.00	5



Plugs

Size	Female NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Pkg Qty
1/4"	1/4" - 18	10,000	steel	31-200	\$25.50	5
3/8"	3/8" - 18	10,000	steel	31-300	26.00	5



Screw Type Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	steel	30-200DP	\$11.20	5
3/8"	steel	30-300DP	10.70	5



Screw Type Dust Caps

Body Size	Material	Part #	Price/E	Pkg Qty
1/4"	steel	31-200DC	\$11.80	5
3/8"	steel	31-300DC	13.60	5



5600 Series Hydraulic Quick-Connect Couplings

Features:

- two-way check valves in the plug and coupler automatically balance in flow position and provide instant shut off when disconnected
- permits fast connection and disconnection of gas or fluid lines with minimal loss of media from either end
- to connect, simply retract sleeve, insert plug, and release sleeve
- interchangeable with Aeroquip 5600, Parker 6600, and **ISO A interchange**, see Hydraulic Profile Chart on page 833
- non-valved, slotted valve and straight through units available on request

Couplers



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/8" - 27	5000	steel	56-100	\$45.25	5
1/4"	1/4" - 18	5000	steel	56-200	37.50	5
3/8"	3/8" - 18	4000	steel	56-300	45.25	5
1/2"	1/2" - 14	4000	steel	56-400	47.25	5
1/2"	3/4" - 14	4000	steel	56-600	64.50	5
3/4"	3/4" - 14	4000	steel	56-660	71.00	5
1"	1" - 11 1/2	4000	steel	56-800	90.50	5

Plugs



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/8" - 27	5000	steel	57-100	\$18.30	5
1/4"	1/4" - 18	5000	steel	57-200	16.10	5
3/8"	3/8" - 18	4000	steel	57-300	22.00	5
1/2"	1/2" - 14	4000	steel	57-400	20.00	5
1/2"	3/4" - 14	4000	steel	57-600	36.30	5
3/4"	3/4" - 14	4000	steel	57-660	37.90	5
1"	1" - 11 1/2	4000	steel	57-800	49.50	5

Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	56-002	\$5.30	5
3/8"	rubber	56-003	5.95	5
1/2"	rubber	56-004	5.30	5
3/4"	rubber	56-006	12.50	5
1"	rubber	56-008	15.50	5

Dust Caps



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	57-002	\$5.25	5
3/8"	rubber	57-003	5.95	5
1/2"	rubber	57-004	5.35	5
3/4"	rubber	57-006	12.25	5
1"	rubber	57-008	15.20	5

Agricultural Hydraulic Quick-Connect Couplings

Application:

- used on construction equipment, farm implements and most other mobile equipment

Features:

- ball style shut-off valves in both the coupler and the plug
- interchangeable with Pioneer 4000 series, Safeway Agricultural series and ISO5675, see Hydraulic Profile Chart on page 833
- The International Standard Organization (ISO) has adopted specifications regarding dimensions and interchangeability.

FTP Fittings Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	2500	steel	18-200 ¹	\$30.75	5
3/8"	3/8" - 18	2500	steel	18-300 ¹	40.60	5
1/2"	1/2" - 14	2500	steel	18-400	30.50	5
1/2"	3/4" - 14	2500	steel	18-600	43.25	5
3/4"	3/4" - 14	2500	steel	18-660	77.10	5
1"	1" - 11 1/2	2500	steel	18-800 ¹	96.00	5



Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	2500	steel	19-200 ¹	\$15.00	10
3/8"	3/8" - 18	2500	steel	19-300 ¹	20.10	10
1/2"	1/2" - 14	2500	steel	19-400	14.10	10
1/2"	3/4" - 14	2500	steel	19-600	22.60	10
3/4"	3/4" - 14	2500	steel	19-660	24.50	10
1"	1" - 11 1/2	2500	steel	19-800 ¹	53.75	10



¹ have a poppet valve with soft seat design

ORB Fittings Coupler

Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/4" - 16	2500	steel	18-415	\$32.50	5



Plug

Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/4" - 16	2500	steel	19-415	\$13.55	5



Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	18-002	\$4.85	10
3/8"	rubber	18-003	9.20	10
1/2"	rubber	18-004 ²	9.65	10
3/4"	rubber	18-006	10.25	10
1"	rubber	18-008	11.80	10



² has chain design

Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	19-002	\$4.90	10
3/8"	rubber	19-003	5.70	10
1/2"	rubber	57-004	5.35	10
3/4"	rubber	19-006	14.20	10
1"	rubber	19-008	16.30	10



7800 Series Hydraulic Thread-to-Connect Couplings

Applications:

- Designed for applications requiring a coupling that can be connected under residual pressure with minimum spillage and air inclusion. Widely used on dump trailer wet-line hydraulic systems and oil field equipment. Not recommended for continuous hydraulic impulse applications.

Features:

- interchangeable with Aeroquip 5100 series, Parker 6100 series and Snap-Tite 78 series, see Hydraulic Profile Chart on page 832



Couplers

Body Size	Female NPT	PSI at 70°F	Material		Part #	Price/E	Opt Qty
			Body	Nut			
¾"	¾" - 14	3000	brass	steel	78-600	\$79.57	5
1"	1" - 11½	4000	brass	steel	78-800	97.60	5
1¼"	1¼" - 11½	3000	brass	steel	78-1000	178.23	5
1½"	1½" - 11½	2500	brass	steel	78-1200	212.18	1

Plugs



Body Size	Male NPT	PSI at 70°F	Material	Part #	Price/E	Opt Qty
¾"	¾" - 14	3000	brass	79-600	\$56.23	5
1"	1" - 11½	4000	brass	79-800	60.47	5
1¼"	1¼" - 11½	3000	brass	79-1000	125.19	5
1½"	1½" - 11½	2500	brass	79-1200	212.18	1

Flanges



Body Size	Material	Part #	Price/E	Opt Qty
¾"	steel	77-600	\$4.77	2
1"	steel	77-800	6.37	2
1¼"	steel	77-1000	8.49	2
1½"	steel	77-1200	10.61	2

Screw Type Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
¾"	steel	78-006	\$18.23	1
1"	steel	78-008	20.09	1
1¼"	steel	78-010	28.84	1
1½"	steel	78-012	51.50	1

Screw Type Dust Caps



Body Size	Material	Part #	Price/E	Opt Qty
¾"	steel	79-006	\$16.07	1
1"	steel	79-008	17.51	1
1¼"	steel	79-010	27.19	1
1½"	steel	79-012	47.38	1

WS Series Couplings

Application:

- used extensively in oil field and off shore oil rig applications

Feature:

- interchanges with Snap-Tite 75 series

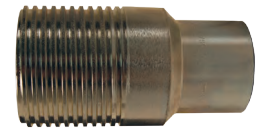
High Pressure Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
¾"	¾" - 14	5,000	steel	6WSF6	\$163.62	5
1"	1" - 11½	5,000	steel	8WSF8	245.43	5
1¼"	1¼" - 11½	5,000	steel	10WSF10	415.06	1
1½"	1½" - 11½	5,000	steel	12WSF12	613.56	1
2"	2" - 11½	5,000	steel	16WSF16	878.23	1



Plugs

Body Size	Male NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
¾"	¾" - 14	5,000	steel	WS6F6	\$150.38	5
1"	1" - 11½	5,000	steel	WS8F8	180.46	5
1¼"	1¼" - 11½	5,000	steel	WS10F10	330.85	1
1½"	1½" - 11½	5,000	steel	WS12F12	517.32	1
2"	2" - 11½	5,000	steel	WS16F16	842.14	1



Blowout Prevention Safety

Applications:

- designed for use in oil rig BOP systems where couplings are required to operate under fire conditions in an emergency

Features:

- fire tested and Lloyd's certified to 700°C (1300°F) in accordance with API 16D (Certificate #NAO 0601041/1)
- Sleeve is cast using a process that provides better surface finishes, tighter tolerance control, and excellent repeatability.
- Blowout Prevention Couplings are individually marked with the BOP series designation.

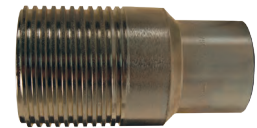
Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
¾"	¾" - 14	5,000	steel	6WSF6-BOP	\$240.60	5
1"	1" - 11½	5,000	steel	8WSF8-BOP	336.87	5
1¼"	1¼" - 11½	5,000	steel	10WSF10-BOP	541.40	1
1½"	1½" - 11½	5,000	steel	12WSF12-BOP	769.96	1
2"	2" - 11½	5,000	steel	16WSF16-BOP	1082.76	1



Plugs

Body Size	Male NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
¾"	¾" - 14	5,000	steel	WS6F6-BOP	\$186.48	5
1"	1" - 11½	5,000	steel	WS8F8-BOP	198.51	5
1¼"	1¼" - 11½	5,000	steel	WS10F10-BOP	397.02	1
1½"	1½" - 11½	5,000	steel	WS12F12-BOP	601.53	1
2"	2" - 11½	5,000	steel	WS16F16-BOP	1010.58	1



Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
¾"	aluminum	6WSDP-A	\$41.38	25
1"	aluminum	8WSDP-A	53.05	10
1¼"	aluminum	10WSDP-A	74.27	10
1½"	aluminum	12WSDP-A	79.57	5
2"	aluminum	16WSDP-A	132.62	5



Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
¾"	aluminum	WS6DC-A	\$41.38	25
1"	aluminum	WS8DC-A	53.05	10
1¼"	aluminum	WS10DC-A	74.27	10
1½"	aluminum	WS12DC-A	79.57	5
2"	aluminum	WS16DC-A	132.62	5



Flush Face Hydraulic Quick-Connect Couplings

Features:

- design minimizes fluid loss resulting in a cleaner, safer work environment
- Automatic, push-to-connect couplings provide high flow with low pressure drop assuring maximum hydraulic tool performance.
- To reduce the possibility of accidental disconnect, a sleeve lock safety feature requires turning the collar to unlock the coupling.
- conforms to ISO16028 interchange standard interchangeable with Aeroquip FD89, Parker FEM, Snap-tite 74, Faster FFH/2FFN/2FFI, Stucchi A/FIRG and Holmbury Series A, see Hydraulic Profile Chart on page 832

NPTF Fittings

Couplers



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	2HTF2	\$74.13	5
3/8"	3/8" - 18	5000	steel	3HTF3	76.45	5
3/8"	1/2" - 14	5000	steel	3HTF4	76.45	5
1/2"	1/2" - 14	5000	steel	4HTF4	92.66	5
1/2"	3/4" - 14	5000	steel	4HTF6	98.46	5
5/8"	3/4" - 14	5000	steel	5HTF6	133.20	5
3/4"	3/4" - 14	5000	steel	6HTF6	208.50	5
1"	1" - 11 1/2	5000	steel	8HTF8	289.58	5

Plugs



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	HT2F2	\$30.12	5
3/8"	3/8" - 18	5000	steel	HT3F3	32.44	5
3/8"	1/2" - 14	5000	steel	HT3F4	32.44	5
1/2"	1/2" - 14	5000	steel	HT4F4	52.12	5
1/2"	3/4" - 14	5000	steel	HT4F6	57.92	5
5/8"	3/4" - 14	5000	steel	HT5F6	74.13	5
3/4"	3/4" - 14	5000	steel	HT6F6	94.98	5
1"	1" - 11 1/2	5000	steel	HT8F8	179.54	5

SAE/ORB Fittings

Couplers



Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	7/8" - 14	5000	steel	4HTOF5	\$98.46	5
1/2"	1-1/16" - 12	5000	steel	4HTOF6	98.46	5

Plugs



Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	7/8" - 14	5000	steel	HT4OF5	\$57.92	5
1/2"	1-1/16" - 12	5000	steel	HT4OF6	57.92	--

Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	2HTDP	\$7.93	10
3/8"	rubber	3HTDP	8.60	10
1/2"	rubber	4HTDP	11.36	10
5/8"	rubber	5HTDP	13.37	10
3/4"	rubber	6HTDP	14.37	10
1"	rubber	8HTDP	16.49	10

Dust Caps



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	HT2DC	\$7.93	10
3/8"	rubber	HT3DC	\$8.58	10
1/2"	rubber	HT4DC	11.36	10
5/8"	rubber	HT5DC	13.37	10
3/4"	rubber	HT6DC	14.37	10
1"	rubber	HT8DC	16.49	10

VEP Series Couplings

Features:

- no-spill, flush face valve minimizes air inclusion during connection and spillage during disconnection
- thread-to-connect design and dual valve system in the plug allow for connecting under pressure
- design eliminates premature wear or brinelling commonly found with locking ball designs when subjected to high impulse pressures
- Zinc nickel plating provides corrosion resistance
- interchangeable with Parker FET, Stucchi VEP, DNP FSI, Holmbury HFT

NPTF Fittings Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	6000	steel	2VEPF2	\$108.77	20
3/8"	3/8" - 18	5500	steel	3VEPF3	121.80	20
3/8"	1/2" - 14	5500	steel	3VEPF4	124.53	20
1/2"	1/2" - 14	5500	steel	4VEPF4	158.55	15
1/2"	3/4" - 14	5500	steel	4VEPF6	162.65	15
3/4"	3/4" - 14	5500	steel	6VEPF6	206.17	1
1"	1" - 11 1/2	5500	steel	8VEPF8	261.27	1
1 1/4"	1 1/4" - 11 1/2	5000	steel	10VEPF10	302.10	1
1 1/2"	1 1/2" - 11 1/2	4500	steel	12VEPF12	866.42	1
2"	2" - 11 1/2	4000	steel	16VEPF16	2864.19	1



Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	6000	steel	VEP2F2	\$102.09	20
3/8"	3/8" - 18	5500	steel	VEP3F3	138.15	20
3/8"	1/2" - 14	5500	steel	VEP3F4	140.86	20
1/2"	1/2" - 14	5500	steel	VEP4F4	158.55	10
1/2"	3/4" - 14	5500	steel	VEP4F6	162.65	10
3/4"	3/4" - 14	5500	steel	VEP6F6	185.76	1
1"	1" - 11 1/2	5500	steel	VEP8F8	214.34	1
1 1/4"	1 1/4" - 11 1/2	5000	steel	VEP10F10	302.10	1
1 1/2"	1 1/2" - 11 1/2	4500	steel	VEP12F12	828.15	1
2"	2" - 11 1/2	4000	steel	VEP16F16	2129.80	1



Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	aluminum	2VEPDP-A	\$27.00	50
3/8"	aluminum	3VEPDP-A	31.03	50
1/2"	aluminum	4VEPDP-A	48.55	25
3/4"	aluminum	6VEPDP-A	51.29	25
1"	aluminum	8VEPDP-A	52.62	10
1 1/4"	aluminum	10VEPDP-A	53.98	10
1 1/2"	aluminum	12VEPDP-A	134.90	5
2"	aluminum	16VEPDP-A	197.61	1



Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	aluminum	VEP2DC-A	\$28.34	50
3/8"	aluminum	VEP3DC-A	36.42	50
1/2"	aluminum	VEP4DC-A	51.29	25
3/4"	aluminum	VEP6DC-A	53.98	25
1"	aluminum	VEP8DC-A	59.36	10
1 1/4"	aluminum	VEP10DC-A	56.66	10
1 1/2"	aluminum	VEP12DC-A	172.68	5
2"	aluminum	VEP16DC-A	262.71	1



VH Series Hydraulic Quick-Connect Couplings

Features:

- general purpose hydraulic quick-connect provides superior flow characteristics with built-in reliability
- VH Series interchangeable with Snap-tite H Series, see Hydraulic Profile Chart on page 832
- Buna-N seal

Valved Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	6500	steel	VHC200	\$24.39	5
3/8"	3/8" - 18	4500	steel	VHC300	33.27	5
1/2"	1/2" - 14	4000	steel	VHC400	40.44	5
3/4"	3/4" - 14	3500	steel	VHC600	62.59	5
1"	1" - 11 1/2	2000	steel	VHC800	97.24	5
1 1/4"	1 1/4" - 11 1/2	1750	steel	VHC1000	230.42	1
1 1/2"	1 1/2" - 11 1/2	1500	steel	VHC1200	318.61	1
2"	2" - 11 1/2	1500	steel	VHC1600	605.88	1
1/4"	1/4" - 18	2250	brass	VHC200B	30.55	5
3/8"	3/8" - 18	2250	brass	VHC300B	39.72	5
1/2"	1/2" - 14	2000	brass	VHC400B	58.19	5



Valved Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	6500	steel	VHN200	\$16.72	5
3/8"	3/8" - 18	4500	steel	VHN300	20.85	5
1/2"	1/2" - 14	4000	steel	VHN400	24.91	5
3/4"	3/4" - 14	3500	steel	VHN600	37.36	5
1"	1" - 11 1/2	2000	steel	VHN800	59.70	5
1 1/4"	1 1/4" - 11 1/2	1750	steel	VHN1000	187.11	1
1 1/2"	1 1/2" - 11 1/2	1500	steel	VHN1200	229.78	1
2"	2" - 11 1/2	1500	steel	VHN1600	438.03	1
1/4"	1/4" - 18	2250	brass	VHN200B	21.78	5
3/8"	3/8" - 18	2250	brass	VHN300B	30.55	5
1/2"	1/2" - 14	2000	brass	VHN400B	40.63	5



Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	VHC002	\$3.17	10
3/8"	rubber	VHCN003	3.52	10
1/2"	rubber	VHCN004	3.52	10
3/4"	rubber	VHCN006	8.52	10
1"	rubber	VHCN008	10.53	10
1 1/4"	aluminum	VHC010	25.82	10
1 1/2"	aluminum	VHC012	52.80	10
2"	aluminum	VHC016	90.08	10



Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	VHN002	\$3.17	10
3/8"	rubber	VHCN003	3.52	10
1/2"	rubber	VHCN004	3.52	10
3/4"	rubber	VHCN006	8.52	10
1"	rubber	VHCN008	10.53	10
1 1/4"	aluminum	VHN010	32.06	10
1 1/2"	aluminum	VHN012	61.58	10
2"	aluminum	VHN016	77.44	10



Hydraulic Water-Blast Quick Couplings

Features:

- plug mounted sleeve guard protects against accidental disconnection
- smooth bore full-flow design ensures maximum flow with minimal pressure drop
- steel body components maximize service life by resisting the effects of brinelling and internal erosion
- heavy duty knurled sleeve with locking pin provides maximum protection against brinelling and accidental disconnection
- interchangeable with Parker WB, Aeroquip FD69, and Snap Tite 56

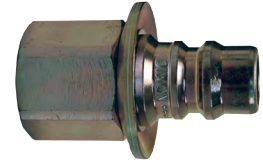
Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/8" - 18	10000	steel	4EAF3	\$125.17	25
1/2"	1/2" - 14	10000	steel	4EAF4	125.17	25



Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/8" - 18	10000	steel	EA4F3	\$27.06	25
1/2"	1/2" - 14	10000	steel	EA4F4	33.86	25



Hydraulic Suction and Return Line Hose Couplings

Application:

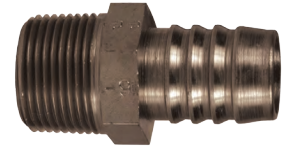
- designed for hydraulic suction line applications using SAE100R4 hydraulic hose

Feature:

- barbs provide easy assembly and maximum gripping action

**Stems
male NPTF**

Hose ID	Male NPTF	Plated Steel	
		Part #	Price/E
3/4"	3/4"-14	188-12	\$14.10
1"	1"-11 1/2"	188-16	33.00
1 1/4"	1 1/4"-11 1/2"	188-20	62.00
1 1/2"	1 1/2"-11 1/2"	188-24	76.00
2"	2"-11 1/2"	188-32	117.00



female SAE (JIC) 37° swivel

Hose ID	Female SAE	Plated Steel	
		Part #	Price/E
3/4"	1-1/16"-12	688-12	\$19.70
1"	1-5/16"-12	688-16	39.00
1 1/4"	1-5/8"-12	688-20	84.00
1 1/2"	1-7/8"-12	688-24	91.00
2"	2-1/2"-12	688-32	186.60



- return line clamps must be used with these fittings

Clamps

Features:



- measure hose OD accurately before ordering clamps
- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance.
- consult Dixon when using double bolt clamps on helical wire hose

without saddles

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque in ft. lbs.
	from	to	Part #	Price/E		
3/4"	1-8/64"	1-12/64"	J48	\$7.30	100	15
1"	1-40/64"	1-52/64"	DL 14	13.20	25	40
1 1/4"	1-48/64"	2-3/64"	DL20	13.25	25	27
1 1/2"	2-7/64"	2-19/64"	DL24¹	12.70	25	27
2"	2-20/64"	2-40/64"	DL32¹	13.70	25	40



¹ made from investment cast carbon steel

Hydraulic Hose Couplings Stems

Feature:

- stems have a collar behind the hex to engage clamp fingers



NPTF Size	Plated Steel	
	Part #	Price/E
3/8"	MSC	\$6.40
1/2"	HY4	17.20
3/4"	MS6	9.85
1"	HY8	25.00

NPTF Size	Plated Iron	
	Part #	Price/E
1 1/4"	HY10	\$35.60
1 1/2"	HY12	40.80
2"	HY16	46.85

Clamps

Feature:

- for use only on 1 wire hydraulic hoses



Hose ID	Hose OD		Plated Iron		Torque in ft. lbs.
	from	to	Part #	Price/E	
3/8"	48/64"	50/64"	HD1-3	\$18.30	12
1/2"	56/64"	60/64"	HD1-4	18.30	18
3/4"	1-10/64"	1-14/64"	HD1-6	21.65	18
1"	1-29/64"	1-35/64"	HD1-8	26.10	36

Features:

- for use only on 1 or 2 wire hydraulic hoses

! This clamp *should not* be used on 4 or 6 wire hydraulic hose even when hose falls within recommended ranges.



Hose ID	Hose OD		Plated Iron		Torque in ft. lbs.
	from	to	Part #	Price/E	
3/8"	50/64"	52/64"	HRC-037	\$17.85	18
1/2"	57/64"	1"	HRC-050	20.60	18
3/4"	1-16/64"	1-20/64"	HRC-075	17.85	36
1"	1-37/64"	1-41/64"	HRC-100	23.40	64
1 1/4"	1-54/64"	1-62/64"	HRC-125	41.00	90
1 1/2"	2-10/64"	2-18/64"	HRC-150	39.40	90
2"	2-43/64"	2-52/64"	HRC-200	51.20	90

Hydraulic Flange Adapters

Features:

- O-ring seal eliminates leakage
- available in Code 61 or Code 62
- pressure ratings are given at 70°F
- makes installation of components easier, especially in applications with limited space

Pressure Ratings of SAE Flanges

Code 61 SAE J518-1 / ISO 6162-1

Dash Size	Size	Max. Working Pressure		Fastener Torque Value	
		PSI	MPa	Grade 8 UNC (lb-ft)	Grade 10.9 Metric (N-m)
-8	½"	5000	35	24	32
-12	¾"	5000	35	44	70
-16	1"	4600	32	44	70
-20	1¼"	4000	28	68	70
-24	1½"	3000	21	111	130
-32	2"	3000	21	111	130
-40	2½"	2500	17.5	111	130
-48	3"	2300	16	218	295
-56	3½"	500	3.5	218	295
-64	4"	500	3.5	218	295
-80	5"	500	3.5	218	295

Code 62 SAE J518-2 / ISO 6162-2

Dash Size	Size	Max. Working Pressure		Fastener Torque Value	
		PSI	MPa	Grade 8 UNC (lb-ft)	Grade 10.9 Metric (N-m)
-8	½"	6000	40	24	32
-12	¾"	6000	40	44	70
-16	1"	6000	40	68	130
-20	1¼"	6000	40	111	130
-24	1½"	6000	40	218	295
-32	2"	6000	40	332	550

Note: Connection type opposite 4-bolt flange connection can de-rate maximum working pressure.

Hydraulic 4-Bolt Flanges

Features:

- code 61 - standard pressure
 - code 62 - high pressure
 - bolt kit with Buna O-ring included
 - also available in 316L stainless, contact Dixon for more information
- NPTF port**

Port Size	Pad Size	NPTF Thread	Code 61 Carbon Steel				Code 62 Carbon Steel			
			O-ring Part #	Price/E	Flat Face Part #	Price/E	O-ring Part #	Price/E	Flat Face Part #	Price/E
½"	½"	½"-14	W43-8-8-U	\$47.90	W104-8-8	\$60.00	W44-8-8-U	\$74.30	W45-8-8	\$63.50
¾"	¾"	¾"-14	W43-12-12-U	39.00	W104-12-12	37.00	W44-12-12-U	79.75	W45-12-12	67.25
1"	1"	1"-11½"	W43-16-16-U	43.50	W104-16-16	39.80	W44-16-16-U	92.40	W45-16-16	74.50
1¼"	1¼"	1¼"-11½"	W43-20-20-U	49.00	W104-20-20	41.50	W44-20-20-U	116.50	W45-20-20	96.00
1½"	1½"	1½"-11½"	W43-24-24-U	59.25	W104-24-24	46.75	W44-24-24-U	160.00	W45-24-24	128.25
2"	2"	2"-11½"	W43-32-32-U	77.50	W104-32-32	64.50	W44-32-32-U	253.00	W45-32-32	194.00
2½"	2½"	2½"-8	W43-40-40-U	107.50	W104-40-40	102.25	---	---	---	---
3"	3"	3"-8	W43-48-48-U	159.00	W104-48-48	140.75	---	---	---	---



SAE port

Port Size	Pad Size	UN / UNF-2B Thread	Code 61 Carbon Steel				Code 62 Carbon Steel			
			O-ring Part #	Price/E	Flat Face Part #	Price/E	O-ring Part #	Price/E	Flat Face Part #	Price/E
½"	½"	¾"-16	W46-8-8-U	\$65.40	W106-8-8	\$60.00	W48-8-8-U	\$74.30	W49-8-8	\$63.50
¾"	¾"	1-1/16"-12	W46-12-12-U	40.75	W106-12-12	37.00	W48-12-12-U	79.75	W49-12-12	67.25
1"	1"	1-5/16"-12	W46-16-16-U	41.70	W106-16-16	39.80	W48-16-16-U	92.40	W49-16-16	74.50
1¼"	1¼"	1-5/8"-12	W46-20-20-U	51.90	W106-20-20	41.50	W48-20-20-U	116.50	W49-20-20	96.00
1½"	1½"	1-7/8"-12	W46-24-24-U	63.50	W106-24-24	57.00	W48-24-24-U	160.00	W49-24-24	128.25
2"	2"	2-1/2"-12	W46-32-32-U ¹	202.75	W106-32-32 ¹	195.00	W48-32-32-U	253.00	W49-32-32	194.00

¹ 500 PSI maximum for W46-32-32 and W106-32-32



pipe socket weld

Port Size	Pad Size	Code 61 Carbon Steel				Code 62 Carbon Steel			
		O-ring Part #	Price/E	Flat Face Part #	Price/E	O-ring Part #	Price/E	Flat Face Part #	Price/E
½"	½"	W4-8-8-U	\$47.75	W61-8-8	\$36.25	W59-8-8-U	\$56.10	W60-8-8	\$48.00
¾"	¾"	W4-12-12-U	44.25	W61-12-12	33.50	W59-12-12-U	62.25	W60-12-12	53.25
1"	1"	W4-16-16-U	46.00	W61-16-16	35.50	W59-16-16-U	79.25	W60-16-16	65.40
1¼"	1¼"	W4-20-20-U	54.50	W61-20-20	40.00	W59-20-20-U	97.75	W60-20-20	81.75
1½"	1½"	W4-24-24-U	69.00	W61-24-24	55.00	W59-24-24-U	130.00	W60-24-24	105.50
2"	2"	W4-32-32-U	102.50	W61-32-32	84.00	W59-32-32-U	196.75	W60-32-32	145.00
2½"	2½"	W4-40-40-U	141.25	W61-40-40	119.00	W59-40-40-U	461.00	W60-40-40	370.00
3"	3"	W4-48-48-U	165.00	W61-48-48	129.75	W59-48-48-U	768.70	W60-48-48	607.75



Hydraulic Split Flange Kits

Features:

- for tube, hose end and split flange adapter connections
- kits include 2 split flange halves, 4 hex head screws and lockwashers, 1 Buna O-ring
- silver trivalent finish for high corrosion resistance
- also available in forged 316L stainless, contact Dixon for more information



Flange Size	Code 61 Forged Carbon Steel		Code 62 Forged Carbon Steel	
	Part #	Price/E	Part #	Price/E
1/2"	8SFO	\$19.40	8SFXO	\$31.00
3/4"	12SFO	14.80	12SFXO	26.60
1"	16SFO	16.50	16SFXO	31.00
1 1/4"	20SFO	20.75	20SFXO	43.40
1 1/2"	24SFO	26.25	24SFXO	63.00
2"	32SFO	28.25	32SFXO	107.25
2 1/2"	40SFO	45.50	---	---
3"	48SFO	76.50	---	---

SAE Hydraulic

straight SAE C61 or C62 x male JIC



Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Part #	Price/E	Part #	Price/E
3/4"-16	1/2"	1/2"	300-8-8	\$18.75	---	---
3/4"-16	1/2"	3/4"	300-8-12	31.00	---	---
1-1/16"-12	3/4"	3/4"	300-12-12	22.50	600-12-12	\$30.00
1-1/16"-12	3/4"	1"	300-12-16	25.50	600-12-16	41.70
1-5/16"-12	1"	3/4"	300-16-12	24.50	600-16-12	34.00
1-5/16"-12	1"	1"	300-16-16	27.00	600-16-16	35.30
1-5/16"-12	1"	1 1/4"	300-16-20	30.70	600-16-20	43.30
1-5/8"-12	1 1/4"	1"	300-20-16	29.70	600-20-16	49.00
1-5/8"-12	1 1/4"	1 1/4"	300-20-20	33.20	600-20-20	42.50
1-5/8"-12	1 1/4"	1 1/2"	300-20-24	53.00	600-20-24	63.00
1-7/8"-12	1 1/2"	1 1/4"	300-24-20	41.00	600-24-20	52.75
1-7/8"-12	1 1/2"	1 1/2"	300-24-24	38.75	600-24-24	54.25
1-7/8"-12	1 1/2"	2"	300-24-32	64.90	600-24-32	86.75
2-1/2"-12	2"	1 1/2"	300-32-24	77.25	600-32-24	73.00
2-1/2"-12	2"	2"	300-32-32	60.50	600-32-32	86.75

90° SAE C61 or C62 x male JIC



Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Part #	Price/E	Part #	Price/E
3/4"-16	1/2"	3/4"	390-8-12	\$33.50	---	---
1-1/16"-12	3/4"	3/4"	390-12-12	26.00	690-12-12	\$39.75
1-1/16"-12	3/4"	1"	390-12-16	36.50	690-12-16	53.75
1-5/16"-12	1"	3/4"	390-16-12	36.00	690-16-12	47.75
1-5/16"-12	1"	1"	390-16-16	33.25	690-16-16	44.25
1-5/16"-12	1"	1 1/4"	390-16-20	43.25	690-16-20	60.25
1-5/8"-12	1 1/4"	1"	390-20-16	41.00	690-20-16	51.00
1-5/8"-12	1 1/4"	1 1/4"	390-20-20	43.25	690-20-20	55.00
1-5/8"-12	1 1/4"	1 1/2"	390-20-24	61.00	690-20-24	80.00
1-7/8"-12	1 1/2"	1 1/2"	390-24-24	56.75	690-24-24	76.00
1-7/8"-12	1 1/2"	2"	390-24-32	104.75	690-24-32	129.30
2-1/2"-12	2"	1 1/2"	390-32-24	77.60	690-32-24	88.00
2-1/2"-12	2"	2"	390-32-32	102.75	690-32-32	130.00

45° SAE C61 or C62 x male JIC



Thread	Tube OD	Flange Size	Code 61 Carbon Steel		Code 62 Carbon Steel	
			Part #	Price/E	Part #	Price/E
1-1/16"-12	3/4"	3/4"	340-12-12	\$27.00	640-12-12	\$39.00
1-5/16"-12	1"	1"	340-16-16	31.50	640-16-16	47.00
1-5/8"-12	1 1/4"	1 1/4"	340-20-20	41.00	640-20-20	53.25
1-7/8"-12	1 1/2"	1 1/2"	340-24-24	59.00	640-24-24	68.50
2-1/2"-12	2"	2"	340-32-32	101.00	640-32-32	170.20

Flat Face Fittings

male flat face unions

Male Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	FS2403-4	6000	\$1.95
11/16"-16	FS2403-6	6000	2.90
13/16"-16	FS2403-8	6000	3.75
1"-14	FS2403-10	6000	5.00
1-3/16"-12	FS2403-12	6000	6.70
1-7/16"-12	FS2403-16	6000	9.55



male flat face x male SAE O-ring Boss connectors

Male Flat Face	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	7/16"-20	FS6400-4-4	5000	\$2.00
11/16"-16	9/16"-18	FS6400-6-6	5000	2.40
13/16"-16	3/4"-16	FS6400-8-8	4500	3.00
1"-14	7/8"-14	FS6400-10-10	3500	3.85
1-3/16"-12	1-1/16"-12	FS6400-12-12	3500	5.45
1-7/16"-12	1-5/16"-12	FS6400-16-16	3000	7.90



male flat face x male NPTF connectors

Male Flat Face	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	¼"-18	FS2404-4-4	5000	\$2.05
11/16"-16	⅜"-18	FS2404-6-6	4000	2.15
13/16"-16	½"-14	FS2404-8-8	3000	3.15
1-3/16"-12	¾"-14	FS2404-12-12	2500	8.25
1-7/16"-12	1"-11½"	FS2404-16-16	2000	8.90



male flat face x female flat face swivel nut 90° elbows

Male Flat Face	Female Flat Face	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	9/16"-18	FS6500-4-4	6000	\$7.45
11/16"-16	11/16"-16	FS6500-6-6	6000	9.30
13/16"-16	13/16"-16	FS6500-8-8	6000	11.55
1"-14	1"-14	FS6500-10-10	6000	14.30
1-3/16"-12	1-3/16"-12	FS6500-12-12	6000	15.40
1-7/16"-12	1-7/16"-12	FS6500-16-16	6000	33.70



male flat face x male SAE O-ring Boss 90° elbows

Male Flat Face	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	7/16"-20	FS6801-4-4	5000	\$4.35
11/16"-16	9/16"-18	FS6801-6-6	5000	5.60
13/16"-16	3/4"-16	FS6801-8-8	4500	6.40
1"-14	7/8"-14	FS6801-10-10	3500	10.15
1-3/16"-12	1-1/16"-12	FS6801-12-12	3500	13.55
1-7/16"-12	1-5/16"-12	FS6801-16-16	3000	19.70



Flat Face Fittings

male flat face x male NPTF 90° elbows



Male Flat Face	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	1/4"-18	FS2501-4-4	5000	\$3.35
11/16"-16	3/8"-18	FS2501-6-6	4000	4.65
13/16"-16	1/2"-14	FS2501-8-8	3000	6.30
1-3/16"-12	3/4"-14	FS2501-12-12	2500	10.10
1-7/16"-12	1"-11 1/2	FS2501-16-16	2000	16.85

male flat face x male flat face x male flat face union tees



Male Flat Face	Male Flat Face	Male Flat Face	Zinc Plated Steel		
			Part #	PSI	Price/E
9/16"-18	9/16"-18	9/16"-18	FS2603-4	6000	\$5.85
11/16"-16	11/16"-16	11/16"-16	FS2603-6	6000	7.85
13/16"-16	13/16"-16	13/16"-16	FS2603-8	6000	8.05
1"-14	1"-14	1"-14	FS2603-10	6000	13.20
1-3/16"-12	1-3/16"-12	1-3/16"-12	FS2603-12	6000	17.00
1-7/16"-12	1-7/16"-12	1-7/16"-12	FS2603-16	6000	26.60

male flat face x female flat face swivel x male flat face run tees



Male Flat Face	Female Flat Face Swivel	Male Flat Face	Zinc Plated Steel		
			Part #	PSI	Price/E
9/16"-18	9/16"-18	9/16"-18	FS6602-4	4500	\$7.85
11/16"-16	11/16"-16	11/16"-16	FS6602-6	4000	10.35
13/16"-16	13/16"-16	13/16"-16	FS6602-8	4000	11.20
1"-14	1"-14	1"-14	FS6602-10	3000	18.05
1-3/16"-12	1-3/16"-12	1-3/16"-12	FS6602-12	3000	23.35
1-7/16"-12	1-7/16"-12	1-7/16"-12	FS6602-16	2500	34.55

flat face caps



Female Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	FS304C-4	6000	\$1.95
11/16"-16	FS304C-6	6000	2.40
13/16"-16	FS304C-8	6000	2.65
1"-14	FS304C-10	6000	3.65
1-3/16"-12	FS304C-12	6000	5.25
1-7/16"-12	FS304C-16	6000	7.20

flat face plugs



Male Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	FS2408-4	6000	\$1.65
11/16"-16	FS2408-6	6000	1.75
13/16"-16	FS2408-8	6000	2.20
1"-14	FS2408-10	6000	3.05
1-3/16"-12	FS2408-12	6000	4.50
1-7/16"-12	FS2408-16	6000	6.95

ORB Fittings

O-ring port reducers

Male SAE O-ring Boss	Female O-ring Port	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	7/16"-20	6410-6-4	5000	\$2.50
9/16"-18	3/4"-16	6410-6-8	4500	4.25
3/4"-16	7/8"-14	6410-8-10	3500	4.30
3/4"-16	9/16"-18	6410-8-6	4500	3.00
7/8"-14	1-1/16"-12	6410-10-12	3500	7.30
7/8"-14	3/4"-16	6410-10-8	3500	4.15
1-1/16"-12	7/8"-14	6410-12-10	3000	6.25
1-1/16"-12	1-5/16"-12	6410-12-16	3000	13.80



adjustable O-ring unions

Male O-ring Boss	Adjustable O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6403-4	4500	\$2.80
9/16"-18	9/16"-18	6403-6	4000	3.85
3/4"-16	3/4"-16	6403-8	4000	4.90
7/8"-14	7/8"-14	6403-10	3000	5.80
1-1/16"-12	1-1/16"-12	6403-12	3000	10.60
1-5/16"-12	1-5/16"-12	6403-16	2500	11.80



male SAE screw thread x male SAE O-ring Boss thread

Male SAE Screw	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1231-04-04	5000	\$1.35
7/16"-20	9/16"-18	1231-04-06	5000	1.55
7/16"-20	3/4"-16	1231-04-08	4500	2.45
1/2"-20	1/2"-20	1231-05-05	5000	2.05
9/16"-18	7/16"-20	1231-06-04	5000	1.60
9/16"-18	9/16"-18	1231-06-06	5000	1.65
9/16"-18	3/4"-16	1231-06-08	4500	2.05
9/16"-18	7/8"-14	1231-06-10	3500	3.00
3/4"-16	9/16"-18	1231-08-06	4500	2.50
3/4"-16	3/4"-16	1231-08-08	4500	2.25
3/4"-16	7/8"-14	1231-08-10	3500	2.85
3/4"-16	1-1/16"-12	1231-08-12	3500	4.10
7/8"-14	3/4"-16	1231-10-08	3500	3.25
7/8"-14	7/8"-14	1231-10-10	3500	3.00
7/8"-14	1-1/16"-12	1231-10-12	3500	4.10
1-1/16"-12	7/8"-14	1231-12-10	3500	4.30
1-1/16"-12	1-1/16"-12	1231-12-12	3500	4.50
1-1/16"-12	1-5/16"-12	1231-12-16	3000	6.75
1-5/16"-12	1-1/16"-12	1231-16-12	3000	5.45
1-5/16"-12	1-5/16"-12	1231-16-16	3000	6.45
1-5/16"-12	1-5/8"-12	1231-16-20	2500	11.35
1-5/8"-12	1-5/16"-12	1231-20-16	2500	13.30
1-5/8"-12	1-5/8"-12	1231-20-20	2500	13.25



O-ring Boss / male pipe adapters

Male SAE O-ring Boss	Male NPTF Pipe Adapter	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-18	6401-4-4	5000	\$1.95
9/16"-18	1/4"-18	6401-6-4	4000	2.00
9/16"-18	3/8"-18	6401-6-6	4000	2.45
9/16"-18	1/2"-14	6401-6-8	3000	4.50
3/4"-16	3/8"-18	6401-8-6	3000	3.00
3/4"-16	1/2"-14	6401-8-8	3000	2.95
7/8"-14	1/2"-14	6401-10-8	3000	3.45
1-1/16"-12	3/4"-14	6401-12-12	2500	5.80
1-5/16"-12	1"-11 1/2	6401-16-16	2000	9.80



ORB Fittings

O-ring to female pipe adapters



Male SAE O-ring Boss	Female NPTF Pipe	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/8"-27	6405-4-2	5000	\$2.30
7/16"-20	1/4"-18	6405-4-4	5000	2.95
7/16"-20	3/8"-18	6405-4-6	4000	2.70
9/16"-18	1/4"-18	6405-6-4	4000	2.35
9/16"-18	3/8"-18	6405-6-6	4000	3.20
9/16"-18	1/2"-14	6405-6-8	3000	5.90
3/4"-16	3/8"-18	6405-8-6	4000	3.25
3/4"-16	1/2"-14	6405-8-8	3000	4.20
7/8"-14	1/4"-18	6405-10-4	3000	4.25
7/8"-14	1/2"-14	6405-10-8	3000	4.15
7/8"-14	3/4"-14	6405-10-12	2500	7.70
1-1/16"-12	1/2"-14	6405-12-8	3000	6.40
1-1/16"-12	3/4"-14	6405-12-12	2500	6.65
1-1/16"-12	1"-11 1/2	6405-12-16	2000	7.45
1-5/16"-12	3/4"-14	6405-16-12	2500	7.25
1-5/16"-12	1"-11 1/2	6405-16-16	2000	9.10
1-5/16"-12	1 1/4"-11 1/2	6405-16-20	1150	19.10
1-5/8"-12	1"-11 1/2	6405-20-16	2000	16.00
1-5/8"-12	1 1/4"-11 1/2	6405-20-20	1150	17.25

90° male SAE O-ring Boss thread x male SAE screw thread



Male SAE O-ring Boss	Male SAE Screw	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1238-04-04	5000	\$3.40
7/16"-20	9/16"-18	1238-04-06	5000	4.00
9/16"-18	7/16"-20	1238-06-04	5000	3.90
9/16"-18	9/16"-18	1238-06-06	5000	3.45
3/4"-16	9/16"-18	1238-08-06	4500	5.90
3/4"-16	3/4"-16	1238-08-08	4500	5.10
3/4"-16	7/8"-14	1238-08-10	3500	7.75
7/8"-14	3/4"-16	1238-10-08	3500	7.45
7/8"-14	7/8"-14	1238-10-10	3500	8.00
7/8"-14	1-1/16"-12	1238-10-12	3500	9.70
1-1/16"-12	7/8"-14	1238-12-10	3500	10.35
1-1/16"-12	1-1/16"-12	1238-12-12	3500	10.10
1-1/16"-12	1-5/16"-12	1238-12-16	3000	15.35
1-5/16"-16	1-1/16"-12	1238-16-12	3000	16.55
1-5/16"-12	1-5/16"-12	1238-16-16	3000	15.35
1-5/8"-12	1-5/16"-12	1238-20-16	2500	31.15
1-5/8"-12	1-5/8"-12	1238-20-20	2500	27.05
1-7/8"-12	1-7/8"-12	1238-24-24	2000	43.00

90° SAE O-ring Boss x female NPSM swivel nut



Male SAE O-ring Boss	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-18	6901-4-4	4500	\$5.20
7/16"-20	3/8"-18	6901-4-6	4000	7.80
9/16"-18	1/4"-18	6901-6-4	4000	6.10
9/16"-18	3/8"-18	6901-6-6	4000	6.35
9/16"-18	1/2"-14	6901-6-8	4000	9.55
3/4"-16	3/8"-18	6901-8-6	3500	7.80
3/4"-16	1/2"-14	6901-8-8	4000	8.30
3/4"-16	3/4"-14	6901-8-12	3000	14.45
7/8"-14	1/2"-14	6901-10-8	3500	10.00
7/8"-14	3/4"-14	6901-10-12	3000	17.35
1-1/16"-12	1/2"-14	6901-12-8	3500	15.30
1-1/16"-12	3/4"-14	6901-12-12	3000	14.60
1-1/16"-12	1"-11 1/2	6901-12-16	2500	20.45
1-5/16"-12	3/4"-14	6901-16-12	3000	22.70
1-5/16"-12	1"-11 1/2	6901-16-16	2500	20.80
1-5/16"-12	1 1/4"-11 1/2	6901-16-20	2000	42.00
1-5/8"-12	1 1/4"-11 1/2	6901-20-20	2000	39.90

ORB Fittings

45° male SAE O-ring Boss thread x male SAE screw thread

Male SAE O-ring Boss	Male SAE Screw	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1240-04-04	5000	\$3.75
9/16"-18	9/16"-18	1240-06-06	5000	4.20
9/16"-18	3/4"-16	1240-06-08	4500	6.25
3/4"-16	9/16"-18	1240-08-06	4500	7.10
3/4"-16	3/4"-16	1240-08-08	4500	6.20
3/4"-16	7/8"-14	1240-08-10	3500	9.00
7/8"-14	3/4"-16	1240-10-08	3500	7.45
7/8"-14	7/8"-14	1240-10-10	3500	7.95
7/8"-14	1-1/16"-12	1240-10-12	3500	11.40
1-1/16"-12	7/8"-14	1240-12-10	3500	10.45
1-1/16"-12	1-1/16"-12	1240-12-12	3500	10.65
1-1/16"-12	1-5/16"-12	1240-12-16	3000	16.45
1-5/16"-12	1-5/16"-12	1240-16-16	3000	15.25
1-5/8"-12	1-5/16"-12	1240-20-16	2500	35.00
1-5/8"-12	1-5/8"-12	1240-20-20	2500	34.85



straight thread branch tees male 37° flare x male SAE O-ring Boss

(2) Male SAE 37°	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6803-4	5000	\$5.40
9/16"-18	9/16"-18	6803-6	5000	5.80
3/4"-16	3/4"-16	6803-8	4500	8.10
7/8"-14	7/8"-14	6803-10	3500	11.90
1-1/16"-12	1-1/16"-12	6803-12	3500	17.35
1-5/16"-12	1-5/16"-12	6803-16	3000	23.15



SAE O-ring Boss thread plugs

Thread Size	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	1255-04H	5000	\$1.00
9/16"-18	1255-06H	5000	1.10
3/4"-16	1255-08H	4500	1.65
7/8"-14	1255-10H	3500	2.05
1-1/16"-12	1255-12H	3500	2.90
1-5/16"-12	1255-16H	3000	4.15
1-5/8"-12	1255-20H	2500	7.05
1-7/8"-12	1255-24H	2000	12.60
2-1/2"-12	1255-32H	1500	32.60



hollow hex O-ring plugs

Features:

- reference SAE 090109
- requires Allen wrench

Male SAE O-ring Boss	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	6408HHP-4	5000	\$0.85
9/16"-18	6408HHP-6	5000	1.10
3/4"-16	6408HHP-8	4500	1.80
7/8"-14	6408HHP-10	3500	1.95
1-1/16"-12	6408HHP-12	3500	2.60
1-5/16"-12	6408HHP-16	3000	3.90
1-5/8"-12	6408HHP-20	2500	8.15
1-7/8"-12	6408HHP-24	1500	11.95
2-1/2"-12	6408HHP-32	1500	20.65



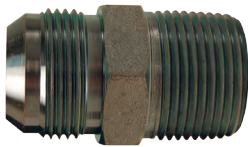
SAE / JIC Fittings

male SAE screw thread x male SAE screw thread



Male SAE Screw	Male SAE Screw	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1204-04-04	5000	\$1.20
9/16"-18	9/16"-18	1204-06-06	5000	1.60
3/4"-16	7/16"-20	1204-08-04	4500	3.15
3/4"-16	3/4"-16	1204-08-08	4500	2.35
7/8"-14	3/4"-16	1204-10-08	3500	3.80
7/8"-14	7/8"-14	1204-10-10	3500	4.05
1-1/16"-12	3/4"-16	1204-12-08	3500	5.05
1-1/16"-12	7/8"-14	1204-12-10	3500	4.95
1-1/16"-12	1-1/16"-12	1204-12-12	3500	4.15
1-5/16"-12	1-1/16"-12	1204-16-12	3000	9.05
1-5/16"-12	1-5/16"-12	1204-16-16	3000	7.55
1-5/8"-12	1-5/8"-12	1204-20-20	2500	11.00
1-7/8"-12	1-7/8"-12	1204-24-24	2000	20.00

male 37° flare x male NPTF



Male 37° Flare	Male NPTF	PSI	Zinc Plated Steel		316 Stainless Steel	
			Part #	Price/E	Part #	Price/E
7/16"-20	1/8"-27	4500	2404-4-2	\$1.20	---	---
7/16"-20	1/4"-18	4500	2404-4-4	1.55	SS2404-4-4	\$15.10
7/16"-20	3/8"-18	4000	2404-4-6	2.05	---	---
7/16"-20	1/2"-18	3000	2404-4-8	4.95	---	---
1/2"-20	1/8"-27	4000	2404-5-2	2.10	---	---
9/16"-18	1/8"-27	4000	2404-6-2	1.75	---	---
9/16"-18	1/4"-18	4000	2404-6-4	1.55	---	---
9/16"-18	3/8"-18	4000	2404-6-6	2.10	SS2404-6-6	22.00
9/16"-18	1/2"-14	3000	2404-6-8	2.45	---	---
3/4"-16	1/4"-18	4000	2404-8-4	2.25	---	---
3/4"-16	3/8"-18	4000	2404-8-6	2.25	---	---
3/4"-16	1/2"-14	3000	2404-8-8	2.55	SS2404-8-8	23.50
3/4"-16	3/4"-14	2500	2404-8-12	4.20	---	---
7/8"-14	1/2"-14	3000	2404-10-8	2.75	---	---
7/8"-14	3/4"-14	2500	2404-10-12	4.05	---	---
1-1/16"-12	1/2"-14	3000	2404-12-8	5.35	---	---
1-1/16"-12	3/4"-14	2500	2404-12-12	4.20	SS2404-12-12	52.00
1-1/16"-12	1"-11 1/2	2000	2404-12-16	6.15	---	---
1-5/16"-12	3/4"-14	2500	2404-16-12	8.80	---	---
1-5/16"-12	1"-11 1/2	2000	2404-16-16	6.25	SS2404-16-16	65.00
1-5/8"-12	1 1/4"-11 1/2	1150	2404-20-20	9.00	---	---
1-7/8"-12	1 1/2"-11 1/2	1000	2404-24-24	15.70	---	---
2-1/2"-12	2"-11 1/2	1000	2404-32-32	39.50	---	---

male 37° flare x female NPTF



Male 37° Flare	Female NPTF	PSI	Zinc Plated Steel		316 Stainless Steel	
			Part #	Price/E	Part #	Price/E
7/16"-20	1/8"-27	4500	2405-4-2	\$2.40	---	---
7/16"-20	1/4"-18	4500	2405-4-4	2.95	SS2405-4-4	\$19.90
9/16"-18	1/4"-18	4000	2405-6-4	3.05	---	---
9/16"-18	3/8"-18	4000	2405-6-6	3.00	SS2405-6-6	25.50
9/16"-18	1/2"-14	3000	2405-6-8	4.50	---	---
3/4"-16	3/8"-18	4000	2405-8-6	3.80	---	---
3/4"-16	1/2"-14	3000	2405-8-8	4.20	SS2405-8-8	41.00
3/4"-16	3/4"-14	2500	2405-8-12	13.35	---	---
7/8"-14	1/2"-14	3000	2405-10-8	5.95	---	---
1-1/16"-12	3/4"-14	2500	2405-12-12	6.65	SS2405-12-12	67.00
1-1/16"-12	1"-11 1/2	2000	2405-12-16	20.80	---	---
1-5/16"-12	1"-11 1/2	2000	2405-16-16	9.15	SS2405-16-16	112.00
1-5/8"-12	1 1/4"-11 1/2	1150	2405-20-20	18.20	---	---

SAE / JIC Fittings

37° JIC swivel x male NPTF

Female SAE 37° Swivel	Male NPTF Pipe	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/8"-27	6505-4-2	4500	\$4.90
7/16"-20	1/4"-18	6505-4-4	4500	3.30
1/2"-20	1/4"-18	6505-5-4	4000	5.05
9/16"-18	1/4"-18	6505-6-4	4000	4.45
9/16"-18	3/8"-18	6505-6-6	4000	4.25
3/4"-16	3/8"-18	6505-8-6	4000	5.35
7/8"-14	1/2"-14	6505-10-8	3000	6.80
7/8"-14	3/4"-14	6505-10-12	2500	10.75
1-1/16"-12	1/2"-14	6505-12-8	3000	9.90
1-1/16"-12	3/4"-14	6505-12-12	2500	7.95
1-5/16"-12	3/4"-14	6505-16-12	2500	15.20
1-5/16"-12	1"-1/2	6505-16-16	2000	14.30
1-5/8"-12	1 1/4"-11 1/2	6505-20-20	1150	19.75
1-7/8"-12	1 1/2"-11 1/2	6505-24-24	1000	32.00
2-1/2"-12	2"-11 1/2	6505-32-32	1000	51.00



female 37° swivel x female NPTF pipe

Female SAE 37° Swivel	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-18	6506-4-4	4500	\$4.90
7/16"-20	3/8"-18	6506-4-6	4000	6.65
9/16"-18	1/4"-18	6506-6-4	4000	6.35
9/16"-18	3/8"-18	6506-6-6	4000	6.45
3/4"-16	1/2"-14	6506-8-8	3000	6.95
7/8"-14	1/2"-14	6506-10-8	3000	10.50
1 1/16"-12	3/4"-14	6506-12-12	2500	10.85
1 5/16"-12	1" 11/2	6506-16-16	2000	15.25



90° male SAE screw thread x male SAE screw thread

Male SAE Screw	Male SAE Screw	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	1234-04-04	5000	\$2.45
9/16"-18	9/16"-18	1234-06-06	5000	3.30
3/4"-16	3/4"-16	1234-08-08	4500	4.45
7/8"-14	7/8"-14	1234-10-10	3500	6.20
1-1/16"-12	1-1/16"-12	1234-12-12	3500	8.60
1-5/16"-12	1-5/16"-12	1234-16-16	3000	13.05
1-5/8"-12	1-5/8"-12	1234-20-20	2500	25.40



male 37° flare x female 37° swivel 90° elbows

Feature:

- reference SAE 070221

Male 37° Flare	Female 37° Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6500-4	5000	\$3.25
9/16"-18	9/16"-18	6500-6	5000	3.65
9/16"-18	7/16"-20	6500-6-4	5000	5.40
9/16"-18	3/4"-16	6500-6-8	4500	5.90
3/4"-16	3/4"-16	6500-8	4500	5.55
3/4"-16	9/16"-18	6500-8-6	4500	6.10
3/4"-16	7/8"-14	6500-8-10	3500	9.10
7/8"-14	7/8"-14	6500-10	3500	7.30
1-1/16"-12	1-1/16"-12	6500-12	3500	9.75
1-1/16"-12	7/8"-14	6500-12-10	3500	11.65
1-5/16"-12	1-5/16"-12	6500-16	3000	17.25
1-5/8"-12	1-5/8"-12	6500-20	2500	35.55



SAE / JIC Fittings

90° male 37° flare x male NPTF



Male 37° Flare	Male NPTF	PSI	Zinc Plated Steel		316 Stainless Steel	
			Part #	Price/E	Part #	Price/E
7/16"-20	1/8"-27	4500	2501-4-2	\$3.15	---	---
7/16"-20	1/4"-18	4500	2501-4-4	3.05	SS2501-4-4	\$18.90
7/16"-20	3/8"-18	4000	2501-4-6	4.10	---	---
9/16"-18	1/8"-27	4000	2501-6-2	3.75	---	---
9/16"-18	1/4"-18	4000	2501-6-4	2.80	---	---
9/16"-18	3/8"-18	4000	2501-6-6	3.90	SS2501-6-6	31.00
9/16"-18	1/2"-14	3000	2501-6-8	4.80	---	---
3/4"-16	1/4"-18	4000	2501-8-4	5.70	---	---
3/4"-16	3/8"-18	4000	2501-8-6	4.90	---	---
3/4"-16	1/2"-14	3000	2501-8-8	5.25	SS2501-8-8	47.00
3/4"-16	3/4"-14	2500	2501-8-12	7.80	---	---
7/8"-14	1/2"-14	3000	2501-10-8	6.25	---	---
7/8"-14	3/4"-14	2500	2501-10-12	8.10	---	---
1-1/16"-12	1/2"-14	3000	2501-12-8	8.10	---	---
1-1/16"-12	3/4"-14	2500	2501-12-12	8.65	SS2501-12-12	76.00
1-1/16"-12	1"-11 1/2	2000	2501-12-16	11.25	---	---
1-5/16"-12	3/4"-14	2500	2501-16-12	12.40	---	---
1-5/16"-12	1"-11 1/2	2000	2501-16-16	12.00	SS2501-16-16	110.00
1-5/8"-12	1"-11 1/2	2000	2501-20-16	26.50	---	---
1-5/8"-12	1 1/4"-11 1/2	1150	2501-20-20	22.50	---	---
1-7/8"-12	1 1/2"-11 1/2	1000	2501-24-24	38.50	---	---
2-1/2"-12	2"-11 1/2	1000	2501-32-32	82.00	---	---

Female 37° JIC swivel x 90° male NPTF



Female SAE 37° Swivel	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/8"-27	6501-4-2	4500	\$3.60
7/16"-20	1/4"-18	6501-4-4	4500	3.90
1/2"-20	1/8"-27	6501-5-2	4000	4.10
9/16"-18	1/4"-18	6501-6-4	4000	4.30
9/16"-18	3/8"-18	6501-6-6	4000	5.45
3/4"-16	3/8"-18	6501-8-6	4000	5.65
3/4"-16	1/2"-14	6501-8-8	3000	7.90
7/8"-14	1/2"-14	6501-10-8	3000	9.80
1-1/16"-12	3/4"-14	6501-12-12	2500	10.70
1-3/16"-12	3/4"-14	6501-14-12	2500	15.90
1-5/16"-12	1"-11 1/2	6501-16-16	2000	17.75
1-5/8"-12	1 1/4"-11 1/2	6501-20-20	1150	32.50
1-7/8"-12	1 1/2"-11 1/2	6501-24-24	1000	47.00
2-1/2"-12	2"-11 1/2	6501-32-32	1000	94.00

45° swivel elbow male 37° flare x female 37° swivel



Male SAE 37°	Female SAE 37° Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6502-4	4500	\$3.90
9/16"-18	9/16"-18	6502-6	4000	4.30
3/4"-16	3/4"-16	6502-8	4000	4.90
7/8"-14	7/8"-14	6502-10	3000	9.15
1 1/16"-12	1 1/16"-12	6502-12	3000	10.40
1 5/16"-12	1 5/16"-12	6502-16	2500	16.95
1 5/8"-12	1 5/8"-12	6502-20	2000	35.00

SAE / JIC Fittings

45° male 37° flare x male NPTF

Male 37° Flare	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/8"-27	2503-4-2	4500	\$2.90
7/16"-20	1/4"-18	2503-4-4	4500	3.15
9/16"-18	1/4"-18	2503-6-4	4000	3.40
9/16"-18	3/8"-18	2503-6-6	4000	3.90
3/4"-16	1/4"-18	2503-8-4	4000	4.75
3/4"-16	3/8"-18	2503-8-6	4000	4.70
3/4"-16	1/2"-14	2503-8-8	3000	5.00
7/8"-14	1/2"-14	2503-10-8	3000	6.55
7/8"-14	3/4"-14	2503-10-12	2500	7.65
1-1/16"-12	3/4"-14	2503-12-12	2500	8.00
1-5/16"-12	3/4"-14	2503-16-12	2500	13.30
1-5/16"-12	1"-11 1/2	2503-16-16	2000	14.10



union tees

Feature:

- reference SAE 070401

Male 37° Flare (3)	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	2603-4	5000	\$4.75
9/16"-18	2603-6	5000	4.35
3/4"-16	2603-8	4500	7.10
7/8"-14	2603-10	3500	9.75
1-1/16"-12	2603-12	3500	13.35
1-5/16"-12	2603-16	3000	19.10



swivel branch tees male 37° flare x female 37° swivel

SAE 37° Male (2)	Female SAE 37° Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6600-4	4500	\$5.70
9/16"-18	9/16"-18	6600-6	4000	5.90
3/4"-16	3/4"-16	6600-8	4000	7.85
1 1/16"-12	1 1/16"-12	6600-12	3000	15.85
1 5/16"-12	1 5/16"-12	6600-16	2500	25.85



male 37° flare x female 37° swivel run tees

Feature:

- reference SAE 070432

Male 37° Flare (2)	Female 37° Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	7/16"-20	6602-4	4500	\$5.95
9/16"-18	9/16"-18	6602-6	4000	6.45
3/4"-16	3/4"-16	6602-8	4000	8.75
7/8"-14	7/8"-14	6602-10	3000	12.80
1-1/16"-12	1-1/16"-12	6602-12	3000	15.30
1-5/16"-12	1-5/16"-12	6602-16	2500	26.15
1-5/8"-12	1-5/8"-12	6602-20	2000	54.65



male 37° flare x male NPTF branch tees

Feature:

- reference SAE070425

Male 37° Flare (2)	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-18	2601-4-4-4	5000	\$5.40
9/16"-18	1/4"-18	2601-6-6-4	5000	4.75
9/16"-18	3/8"-18	2601-6-6-6	4000	7.10
3/4"-16	1/2"-14	2601-8-8-8	3000	8.55
7/8"-14	1/2"-14	2601-10-10-8	3000	9.70
1-1/16"-12	3/4"-14	2601-12-12-12	2500	13.40
1-5/16"-12	1"-11 1/2	2601-16-16-16	2000	21.45



SAE / JIC Fittings

JIC caps

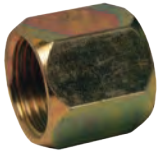
Feature:

- reference SAE 070112



JIC Female	Tube OD	Zinc Plated Steel		
		Part #	PSI	Price/E
5/16"-24	1/8"	0304C-2	5000	\$1.55
7/16"-20	1/4"	0304C-4	5000	0.85
9/16"-18	3/8"	0304C-6	5000	0.95
3/4"-16	1/2"	0304C-8	4500	1.35
7/8"-14	5/8"	0304C-10	3500	1.65
1-1/16"-12	3/4"	0304C-12	3500	2.45
1-5/16"-12	1"	0304C-16	3000	3.55
1-5/8"-12	1 1/4"	0304C-20	2500	7.10
1-7/8"-12	1 1/2"	0304C-24	2000	15.85
2-1/2"-12	2"	0304C-32	1500	24.10

tube nuts



Female JIC 37°	Tube OD	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"	0318-4	5000	\$0.85
9/16"-18	3/8"	0318-6	5000	1.05
3/4"-16	1/2"	0318-8	4500	1.55
7/8"-14	5/8"	0318-10	3500	1.90
1-1/16"-12	3/4"	0318-12	3500	2.55
1-5/16"-12	1"	0318-16	3000	3.45

JIC screw thread plugs



Male JIC Size	Zinc Plated Steel		
	Part #	PSI	Price/E
5/16"-24	1254-02H	5000	\$1.55
7/16"-20	1254-04H	5000	1.15
9/16"-18	1254-06H	5000	1.20
3/4"-16	1254-08H	4500	1.40
7/8"-14	1254-10H	3500	2.75
1-1/16"-12	1254-12H	3500	2.85
1-5/16"-12	1254-16H	3000	4.00
1-5/8"-12	1254-20H	2500	6.80

tube sleeves



Female JIC 37°	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	0319-4	5000	\$0.55
9/16"-18	0319-6	5000	0.70
3/4"-16	0319-8	4500	0.80
7/8"-14	0319-10	3500	1.05
1-1/16"-12	0319-12	3500	1.35
1-5/16"-12	0319-16	3000	2.45

bulkhead union with lock nut

Feature:

- reference SAE 070601



Male 37° Flare	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	2700LN-4	5000	\$3.40
9/16"-18	2700LN-6	5000	3.70
3/4"-16	2700LN-8	4500	5.65
7/8"-14	2700LN-10	3500	7.45
1-1/16"-12	2700LN-12	3500	9.60
1-5/16"-12	2700LN-16	3000	13.65

SAE / JIC Fittings

90° bulkhead elbow with lock nut

Feature:

- reference SAE 070701

Male 37° Flare	Zinc Plated Steel		
	Part #	PSI	Price/E
7/16"-20	2701LN-4	5000	\$4.50
9/16"-18	2701LN-6	5000	5.35
3/4"-16	2701LN-8	4500	8.80
7/8"-14	2701LN-10	3500	12.45
1-1/16"-12	2701LN-12	3500	13.85
1-5/16"-12	2701LN-16	3000	19.65

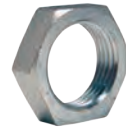


bulkhead lock nuts

Feature:

- reference SAE 070118

Female SAE Bulkhead	Tube OD	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"	0306-4	5000	\$0.55
9/16"-18	3/8"	0306-6	5000	0.60
3/4"-16	1/2"	0306-8	4500	0.85
7/8"-14	5/8"	0306-10	3500	0.95
1-1/16"-12	3/4"	0306-12	3500	1.45
1-5/16"-12	1"	0306-16	3000	2.05



NPTF Fittings

male NPTF hex pipe nipples

Feature:

- reference SAE 140137



Male NPTF	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5404-2	5000	\$1.15
1/4"-18	1/4"-18	5404-4	5000	1.35
3/8"-18	3/8"-18	5404-6	4000	2.00
3/8"-18	1/4"-18	5404-6-4	4000	1.90
1/2"-14	1/2"-14	5404-8	3000	2.60
1/2"-14	3/8"-18	5404-8-6	3000	2.50
3/4"-14	3/4"-14	5404-12	2500	4.05
3/4"-14	1/2"-14	5404-12-8	2500	3.80
1"-11 1/2	1"-11 1/2	5404-16	2000	6.35
1"-11 1/2	3/4"-14	5404-16-12	2000	6.00
1 1/4"-11 1/2	1 1/4"-11 1/2	5404-20	1150	14.10

male NPTF x female NPTF hex reducer bushings

Male NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/8"-27	5406-4-2	5000	\$1.45
3/8"-18	1/8"-27	5406-6-2	4000	1.60
3/8"-18	1/4"-18	5406-6-4	4000	1.60
1/2"-14	1/8"-27	5406-8-2	3000	2.60
1/2"-14	1/4"-18	5406-8-4	3000	2.55
1/2"-14	3/8"-18	5406-8-6	3000	2.55
3/4"-14	1/8"-27	5406-12-2	2500	4.35
3/4"-14	1/4"-18	5406-12-4	2500	4.20
3/4"-14	3/8"-18	5406-12-6	2500	3.85
3/4"-14	1/2"-14	5406-12-8	2500	3.85
1"-11 1/2	1/4"-18	5406-16-4	2000	7.50
1"-11 1/2	3/8"-18	5406-16-6	2000	7.50
1"-11 1/2	1/2"-14	5406-16-8	2000	7.25
1"-11 1/2	3/4"-14	5406-16-12	2000	7.25
1 1/4"-11 1/2	3/8"-18	5406-20-6	1150	14.75
1 1/4"-11 1/2	1/2"-14	5406-20-8	1150	14.75
1 1/4"-11 1/2	3/4"-14	5406-20-12	1150	14.75
1 1/4"-11 1/2	1"-11 1/2	5406-20-16	1150	13.90
1 1/2"-11 1/2	1/2"-14	5406-24-8	1000	21.05
1 1/2"-11 1/2	3/4"-14	5406-24-12	1000	16.80
1 1/2"-11 1/2	1"-11 1/2	5406-24-16	1000	16.80
1 1/2"-11 1/2	1 1/4"-11 1/2	5406-24-20	1000	18.10
2"-11 1/2"	1/2"-14	5406-32-8	1000	66.25
2"-11 1/2"	3/4"-14	5406-32-12	1000	37.35
2"-11 1/2"	1"-11 1/2	5406-32-16	1000	37.35
2"-11 1/2"	1 1/4"-11 1/2	5406-32-20	1000	37.35
2"-11 1/2"	1 1/2"-11 1/2	5406-32-24	1000	37.35



L

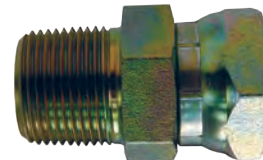
NPTF Fittings

Features:

- compact design provides ease of assembly in confining areas
- designed to prevent hose stress due to twisting during assembly
- female NPSM swivel seals on a 30° seat
- male NPTF must have a 30° chamfer to seal

male NPTF x female NPSM swivel nut

Male NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	1404-2-2	5000	\$2.55
1/8"-27	1/4"-18	1404-2-4	4500	3.10
1/4"-18	1/4"-18	1404-4-4	4500	2.90
1/4"-18	3/8"-18	1404-4-6	4000	3.85
3/8"-18	1/4"-18	1404-6-4	4000	3.90
3/8"-18	3/8"-18	1404-6-6	4000	3.80
3/8"-18	1/2"-14	1404-6-8	4000	5.10
1/2"-14	3/8"-18	1404-8-6	3000	4.90
1/2"-14	1/2"-14	1404-8-8	3000	4.75
1/2"-14	3/4"-14	1404-8-12	3000	9.30
3/4"-14	1/2"-14	1404-12-8	2500	8.80
3/4"-14	3/4"-14	1404-12-12	2500	8.55
1"-11 1/2	1"-11 1/2	1404-16-16	2000	11.55
1 1/4"-11 1/2	1 1/4"-11 1/2	1404-20-20	1150	23.95
1 1/2"-11 1/2	1 1/2"-11 1/2	1404-24-24	1000	38.25
2"-11 1/2	2"-11 1/2	1404-32-32	1000	54.15



female NPTF hex pipe couplings

Feature:

- reference SAE 140138

Female NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5000-2	5000	\$1.60
1/4"-18	1/4"-18	5000-4	5000	2.00
3/8"-18	1/4"-18	5000-6-4	4000	2.65
3/8"-18	3/8"-18	5000-6	4000	2.45
1/2"-14	3/8"-18	5000-8-6	3000	3.70
1/2"-14	1/2"-14	5000-8	3000	3.40
3/4"-14	3/4"-14	5000-12	2500	4.45
1"-11 1/2	3/4"-14	5000-16-12	2000	9.30
1"-11 1/2	1"-11 1/2	5000-16	2000	8.75
1 1/4"-11 1/2	1 1/4"-11 1/2	5000-20	1150	20.70



female NPTF x female NPSM swivel nut

Female NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	1405-2-2	5000	\$3.55
1/4"-18	1/4"-18	1405-4-4	4500	3.75
3/8"-18	1/4"-18	1405-6-4	4000	5.00
3/8"-18	3/8"-18	1405-6-6	4000	5.55
3/8"-18	1/2"-14	1405-6-8	4000	6.10
1/2"-14	1/2"-14	1405-8-8	3000	5.95
3/4"-14	1/2"-14	1405-12-8	2500	8.05
3/4"-14	3/4"-14	1405-12-12	2500	10.55
1"-11 1/2	1"-11 1/2	1405-16-16	2000	16.40
1 1/4"-11 1/2	1 1/4"-11 1/2	1405-20-20	1150	27.10
1 1/2"-11 1/2	1 1/2"-11 1/2	1405-24-24	1000	27.50
2"-11 1/2	2"-11 1/2	1405-32-32	1000	72.25



90° male pipe elbows

Male NPTF	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	5500-4	5000	\$3.45
3/8"-18	3/8"-18	5500-6	4000	4.25
1/2"-14	1/2"-14	5500-8	3000	6.05
3/4"-14	3/4"-14	5500-12	2500	10.00
1"-11 1/2	1"-11 1/2	5500-16	2000	12.55



NPTF Fittings

male NPTF x female NPTF 90° street elbows

Feature:

- reference 140239



Male NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	5502-4	5000	\$5.55
3/8"-18	3/8"-18	5502-6	4000	6.45
1/2"-14	1/2"-14	5502-8	3000	7.35
3/4"-14	3/4"-14	5502-12	2500	10.35
1"-11 1/2	1"-11 1/2	5502-16	2000	16.70
1 1/4"-11 1/2	1 1/4"-11 1/2	5502-20	1150	23.70

90° male NPTF x female NPSM swivel nut



Male NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	1501-2-2	5000	\$4.00
1/4"-18	1/4"-18	1501-4-4	4500	4.45
1/4"-18	3/8"-18	1501-4-6	4000	6.20
3/8"-18	1/4"-18	1501-6-4	4000	6.45
3/8"-18	3/8"-18	1501-6-6	4000	6.70
3/8"-18	1/2"-14	1501-6-8	4000	7.45
1/2"-14	3/8"-18	1501-8-6	3000	6.85
1/2"-14	1/2"-14	1501-8-8	3000	8.25
1/2"-14	3/4"-14	1501-8-12	3000	11.85
3/4"-14	1/2"-14	1501-12-8	2500	12.00
3/4"-14	3/4"-14	1501-12-12	2500	13.85
3/4"-14	1"-11 1/2	1501-12-16	2000	21.20
1"-11 1/2	3/4"-14	1501-16-12	2000	20.80
1"-11 1/2	1"-11 1/2	1501-16-16	2000	18.20
1"-11 1/2	1 1/4"-11 1/2	1501-16-20	1150	37.60
1 1/4"-11 1/2	1 1/4"-11 1/2	1501-20-20	1150	34.15

90° female pipe elbows



Female NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5504-2 NEW	5000	\$3.45
1/4"-18	1/4"-18	5504-4	5000	3.15
3/8"-18	3/8"-18	5504-6	4000	4.75
1/2"-14	1/2"-14	5504-8	3000	7.80
3/4"-14	3/4"-14	5504-12	2500	11.50
1"-11 1/2	1"-11 1/2	5504-16	2000	18.65

90° female NPTF x female NPSM swivel nut



Female NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	1502-4-4	4500	\$6.30
3/8"-18	3/8"-18	1502-6-6	4000	7.45
1/2"-14	1/2"-14	1502-8-8	3000	10.35
3/4"-14	3/4"-14	1502-12-12	2500	12.45
1"-11 1/2	1"-11 1/2	1502-16-16	2000	21.55

45° male NPTF x female NPSM swivel nut



Male NPTF	Female NPSM Swivel	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	1503-4-4	4500	\$4.50
3/8"-18	3/8"-18	1503-6-6	4000	6.50
1/2"-14	1/2"-14	1503-8-8	3000	8.65
3/4"-14	3/4"-14	1503-12-12	2500	10.80
1"-11 1/2	1"-11 1/2	1503-16-16	2000	16.85

NPTF Fittings

male pipe tees

Male NPTF (3)	Zinc Plated Steel			
	Part #	PSI	Price/E	
1/4"-18	5600-4	5000	\$5.90	
3/8"-18	5600-6	4000	10.45	
1/2"-14	5600-8	3000	12.95	
3/4"-14	5600-12	2500	16.20	
1"-11 1/2	5600-16	2000	23.50	



pipe tees

Male NPTF (2)	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	5601-4	5000	\$8.30
3/8"-18	3/8"-18	5601-6	4000	10.20
1/2"-14	1/2"-14	5601-8	3000	12.70
3/4"-14	3/4"-14	5601-12	2500	20.55
1"-11 1/2	1"-11 1/2	5601-16	2000	32.05



branch tees

Female NPTF (2)	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	5604-4	5000	\$7.00
3/8"-18	3/8"-18	5604-6	4000	9.95
1/2"-14	1/2"-14	5604-8	3000	13.55
3/4"-14	3/4"-14	5604-12	2500	18.60
1"-11 1/2	1"-11 1/2	5604-16	2000	29.95



female NPTF pipe tees

- Feature:**
- reference 140438

Female NPTF (3)	Zinc Plated Steel			
	Part #	PSI	Price/E	
1/4"-18	5605-4	5000	\$8.45	
3/8"-18	5605-6	4000	10.35	
1/2"-14	5605-8	3000	11.60	
3/4"-14	5605-12	2500	17.30	
1"-11 1/2	5605-16	2000	27.45	



male NPTF x female NPTF run tees

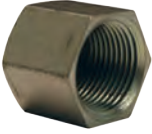
- Feature:**
- reference 140424

Male NPTF	Female NPTF (2)	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5602-2	5000	\$4.60
1/4"-18	1/4"-18	5602-4	5000	5.70
3/8"-18	3/8"-18	5602-6	4000	10.35
1/2"-14	1/2"-14	5602-8	3000	13.50
3/4"-14	3/4"-14	5602-12	2500	16.95
1"-11 1/2	1"-11 1/2	5602-16	2000	30.25
1-1/4"-11 1/2	1-1/4"-11 1/2	5602-20	1150	44.85
1-1/2"-11 1/2	1-1/2"-11 1/2	5602-24	1000	279.95



NPTF Fittings

female NPTF hex caps



Female NPTF	Zinc Plated Steel		
	Part #	PSI	Price/E
1/8"-27	5406C-2	5000	\$1.45
1/4"-18	5406C-4	5000	1.85
3/8"-18	5406C-6	4000	2.65
1/2"-14	5406C-8	3000	4.20
3/4"-14	5406C-12	2500	6.35
1"-11 1/2	5406C-16	2000	9.65
1 1/4"-11 1/2	5406C-20	1150	49.15
1 1/2"-11 1/2	5406C-24	1000	66.60

male NPT hex plug



Male NPT	Zinc Plated Steel		
	Part #	PSI	Price/E
1/8"-27	1251-02H	5000	\$0.50
1/4"-18	1251-04H	5000	0.85
3/8"-18	1251-06H	4000	1.50
1/2"-14	1251-08H	3000	2.45
3/4"-14	1251-12H	2500	3.80
1"-11 1/2	1251-16H	2000	7.05
1 1/4"-11 1/2	1251-20H	1150	8.30

Metric Fittings

male 37° flare x male metric parallel thread



Male SAE 37°	Male Metric Parallel	Zinc Plated Steel	
		Part #	Price/E
7/16"-20	M10X1.0	M7400-4-10	\$3.50
7/16"-20	M12X1.5	M7400-4-12	3.65
9/16"-18	M14X1.5	M7400-6-14	3.85
9/16"-18	M16X1.5	M7400-6-16	4.30
3/4"-16	M16X1.5	M7400-8-16	4.45
3/4"-16	M18X1.5	M7400-8-18	5.65
1-1/16"-12	M22X1.5	M7400-12-22	6.45
1-1/16"-12	M27X2.0	M7400-12-27	7.85
1-5/16"-12	M33X2.0	M7400-16-33	11.80

female NPTF pipe x male metric parallel thread



Female NPTF	Male Metric Parallel	Zinc Plated Steel	
		Part #	Price/E
1/4"-18	M12X1.5	M7455-4-12	\$3.85
1/4"-18	M14X1.5	M7455-4-14	4.00
3/8"-18	M16X1.5	M7455-6-16	4.30
3/8"-18	M18X1.5	M7455-6-18	5.65
1/2"-14	M16X1.5	M7455-8-16	7.15
1/2"-14	M18X1.5	M7455-8-18	7.15
1/2"-14	M22X1.5	M7455-8-22	7.50
3/4"-14	M27X2.0	M7455-12-27	11.25
1"-11 1/2	M33X2.0	M7455-16-33	12.50

BSPF Fittings

male 37° flare x male BSPP

Male SAE 37°	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-19	B3800-4-4	5000	\$3.30
9/16"-18	3/8"-19	B3800-6-6	4000	3.60
3/4"-16	1/2"-14	B3800-8-8	3000	4.90
1-1/16"-12	3/4"-14	B3800-12-12	2500	9.05
1-5/16"-12	1"-11	B3800-16-16	2000	10.60



male NPTF pipe x male BSPP

Male NPTF	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-19	B3401-4-4	5000	\$3.30
3/8"-18	3/8"-19	B3401-6-6	4000	3.70
1/2"-14	1/2"-14	B3401-8-8	3000	4.60
3/4"-14	3/4"-14	B3401-12-12	2500	7.80
1"-11 1/2	1"-11	B3401-16-16	2000	11.60



female NPTF pipe x male BSPP

Female NPTF	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-19	B3455-4-4	5000	\$3.85
3/8"-18	3/8"-19	B3455-6-6	4000	4.30
1/2"-14	1/2"-14	B3455-8-8	3000	7.15
3/4"-14	3/4"-14	B3455-12-12	2500	10.60
1"-11 1/2	1"-11	B3455-16-16	2000	13.30



male 37° flare x male BSPP 90° Elbow

Male SAE 37°	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-19	B3801-4-4	5000	\$6.80
9/16"-18	3/8"-19	B3801-6-6	4000	8.15
3/4"-16	1/2"-14	B3801-8-8	3000	11.80
1-1/16"-12	3/4"-14	B3801-12-12	2500	19.40
1-5/16"-12	1"-11	B3801-16-16	2000	32.50



bonded doughy seal for British Thread

Size	Plated Carbon Steel with Buna O-ring	
	Part #	Price/E
1/4"	BDS04	\$1.25
3/8"	BDS06	1.50
1/2"	BDS08	1.80
3/4"	BDS12	2.30
1"	BDS16	3.50



Flareless Bite Fittings

Applications:

- chemical, pulp and paper, oil and gas refineries, military, air compressors and machine tools
- well-suited for a variety of processing and general hydraulic applications

Features:

- Ideally suited for use with tubing having medium to extra heavy wall thicknesses.
- 3 piece design, with only one ferrule eliminates possible make-up errors that may occur using a twin ferrule tube fitting.
- Minimal risk of improper assembly as the ferrule visibly bites into the tubing, allowing installer to visually inspect the bite quality.
- fittings are suitable for sub-zero through elevated temperature applications
- temperature rating is limited by the material chosen
- pressure ratings are determined by the size (OD) and wall thickness (inches/mm) of the tubing on which they are to be installed

Specifications:

- exceeds Military (MIL F18866) and SAE J514 standards

Assembly Instructions:

- cut, de-burr and clean tubing
- pre-set ferrule onto tubing
- inspect ferrule bite in tubing by disassembling the fitting and visually inspecting the de-burred end of tube for slight indentation
- finger tighten nut and then further wrench tighten nut another 1/3 to 1/2 turn

Male Tube x Male NPTF Adapters

Tube OD	Male NPTF	Steel	
		Part #	Price/E
1/8"	1/8"	FLC2404-02	\$7.85
1/8"	1/4"	FLC2404-02-04	7.75
3/16"	1/8"	FLC2404-03-02	8.40
1/4"	1/8"	FLC2404-04-02	5.75
1/4"	1/4"	FLC2404-04	7.45
1/4"	3/8"	FLC2404-04-06	8.75
1/4"	1/2"	FLC2404-04-08	10.10
5/16"	1/8"	FLC2404-05-02	9.25
5/16"	1/4"	FLC2404-05-04	10.65
3/8"	1/8"	FLC2404-06-02	12.10
3/8"	1/4"	FLC2404-06-04	7.70
3/8"	3/8"	FLC2404-06	9.60
3/8"	1/2"	FLC2404-06-08	9.50
1/2"	1/4"	FLC2404-08-04	11.30
1/2"	3/8"	FLC2404-08-06	10.80
1/2"	1/2"	FLC2404-08	9.45
1/2"	3/4"	FLC2404-08-12	17.10
5/8"	3/8"	FLC2404-10-06	12.85
5/8"	1/2"	FLC2404-10-08	12.50
5/8"	3/4"	FLC2404-10-12	33.50
3/4"	1/2"	FLC2404-12-08	19.50
3/4"	3/4"	FLC2404-12	18.25
3/4"	1"	FLC2404-12-16	34.45
1"	3/4"	FLC2404-16-12	32.75
1"	1"	FLC2404-16	29.95
1"	1 1/4"	FLC2404-16-20	45.80
1-1/4"	3/4"	FLC2404-20-12	169.65
1-1/4"	1 1/4"	FLC2404-20	65.00
1-1/2"	1 1/2"	FLC2404-24	72.95



NEW 2014



Male Tube x Male 37° JIC

Tube OD	Male 37° JIC	Steel	
		Part #	Price/E
1/4"	1/4"	FLC2402-04-04	\$21.10
3/8"	3/8"	FLC2402-06-06	24.10
1/2"	1/2"	FLC2402-08-08	36.55
3/4"	3/4"	FLC2402-12-12	68.20

Flareless Bite Fittings

Male Tube x Female NPTF Adapters

Tube OD	Female NPTF	Steel	
		Part #	Price/E
1/8"	1/8"	FLC2405-02	\$14.55
1/4"	1/8"	FLC2405-04-02	7.25
1/4"	1/4"	FLC2405-04	7.55
5/16"	1/8"	FLC2405-05-02	11.95
3/8"	1/4"	FLC2405-06-04	9.00
3/8"	3/8"	FLC2405-06	10.20
1/2"	1/4"	FLC2405-08-04	12.95
1/2"	3/8"	FLC2405-08-06	13.05
1/2"	1/2"	FLC2405-08	13.05
5/8"	1/2"	FLC2405-10-08	13.55
3/4"	3/4"	FLC2405-12	21.55
1"	1"	FLC2405-16	32.65
1-1/4"	1 1/4"	FLC2405-20	83.35



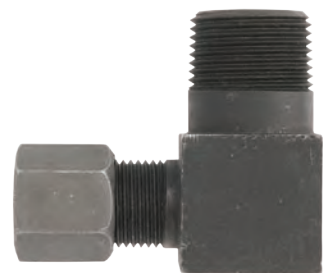
Tube Unions

Tube OD	Steel	
	Part #	Price/E
1/8"	FLC2403-02	\$18.15
3/16"	FLC2403-03	13.25
1/4"	FLC2403-04	9.70
5/16"	FLC2403-05	28.45
3/8"	FLC2403-06	12.50
1/2"	FLC2403-08	16.55
5/8"	FLC2403-10	21.15
3/4"	FLC2403-12	29.85
1"	FLC2403-16	46.40
1-1/4"	FLC2403-20	76.00
1-1/2"	FLC2403-24	159.10



Male Tube x Male NPTF Adapter 90° Elbows

Tube OD	Male NPTF	Steel	
		Part #	Price/E
1/8"	1/8"	FLC2501-02	\$11.45
3/16"	1/8"	FLC2501-03-02	13.15
1/4"	1/8"	FLC2501-04-02	7.60
1/4"	1/4"	FLC2501-04	10.60
1/4"	3/8"	FLC2501-04-06	13.50
5/16"	1/8"	FLC2501-05-02	17.85
5/16"	1/4"	FLC2501-05-04	11.65
3/8"	1/8"	FLC2501-06-02	15.65
3/8"	1/4"	FLC2501-06-04	10.25
3/8"	3/8"	FLC2501-06	14.05
3/8"	1/2"	FLC2501-06-08	17.25
1/2"	1/4"	FLC2501-08-04	14.30
1/2"	3/8"	FLC2501-08-06	14.50
1/2"	1/2"	FLC2501-08	20.70
1/2"	3/4"	FLC2501-08-12	44.00
5/8"	3/8"	FLC2501-10-06	27.15
5/8"	1/2"	FLC2501-10-08	18.80
3/4"	1/2"	FLC2501-12-08	54.50
3/4"	3/4"	FLC2501-12	27.00
1"	3/4"	FLC2501-16-12	48.35
1"	1"	FLC2501-16	43.60
1 1/4"	1 1/4"	FLC2501-20	84.00
1 1/2"	1 1/2"	FLC2501-24	128.65



Flareless Bite Fittings

Male Union 90° Elbows



Tube OD	Steel	
	Part #	Price/E
1/4"	<i>FLC2500-04</i>	\$10.80
5/16"	<i>FLC2500-05</i>	22.95
3/8"	<i>FLC2500-06</i>	13.70
1/2"	<i>FLC2500-08</i>	17.70
5/8"	<i>FLC2500-10</i>	25.20
3/4"	<i>FLC2500-12</i>	36.35
1"	<i>FLC2500-16</i>	59.45
1-1/4"	<i>FLC2500-20</i>	201.10

Male Tube Union Tees



Tube OD	Steel	
	Part #	Price/E
1/8"	<i>FLC2603-02</i>	\$16.55
3/16"	<i>FLC2603-03</i>	31.65
1/4"	<i>FLC2603-04</i>	20.40
5/16"	<i>FLC2603-05</i>	26.55
3/8"	<i>FLC2603-06</i>	22.05
1/2"	<i>FLC2603-08</i>	30.15
5/8"	<i>FLC2603-10</i>	44.70
3/4"	<i>FLC2603-12</i>	55.00
1"	<i>FLC2603-16</i>	87.65
1-1/4"	<i>FLC2603-20</i>	240.95

Ferrules



Tube OD	Steel	
	Part #	Price/E
1/8"	<i>FLC0319-02</i>	\$2.35
3/16"	<i>FLC0319-03</i>	3.65
1/4"	<i>FLC0319-04</i>	1.80
5/16"	<i>FLC0319-05</i>	5.75
3/8"	<i>FLC0319-06</i>	2.10
1/2"	<i>FLC0319-08</i>	2.70
5/8"	<i>FLC0319-10</i>	3.55
3/4"	<i>FLC0319-12</i>	4.90
1"	<i>FLC0319-16</i>	7.75
1-1/4"	<i>FLC0319-20</i>	18.15
1-1/2"	<i>FLC0319-24</i>	25.85

Nuts



Tube OD	Steel	
	Part #	Price/E
1/8"	<i>FLC0318-02</i>	\$2.05
3/16"	<i>FLC0318-03</i>	1.55
1/4"	<i>FLC0318-04</i>	1.75
5/16"	<i>FLC0318-05</i>	3.15
3/8"	<i>FLC0318-06</i>	1.45
1/2"	<i>FLC0318-08</i>	2.25
5/8"	<i>FLC0318-10</i>	3.75
3/4"	<i>FLC0318-12</i>	4.95
1"	<i>FLC0318-16</i>	9.15
1-1/4"	<i>FLC0318-20</i>	14.60
1-1/2"	<i>FLC0318-24</i>	22.85

Steel Flow Control Valves Series F

Features:

- Two-step needle provides fine adjustments at low flow with the first three turns of the adjusting knob. The next three turns give full-open needle position and conventional throttling control. When flow is reversed, a heavy-duty poppet/retainer permits full-flow return capacity.
- color-coded reference scale simplifies flow setting, resetting, adjusting and return to original flow, a simple set screw locks the valve on any desired setting.
- maximum operating pressure: **5000 PSI** at 70°F for 1/8" - 1/2", **3000 PSI** at 70°F for 3/4" - 2"
- also available in brass, see page 153

Female NPTF	Black Oxide Steel	
	Part #	Price/E
1/8"	SFC200	\$75.00
1/4"	SFC400	78.00
3/8"	SFC600	98.00
1/2"	SFC800	132.00
3/4"	SFC1200	188.00
1"	SFC1600	570.00
1 1/2"	SFC2400	1990.00
2"	SFC3200	3950.00



Series PF

Features:

- recommended for use in non-shock applications
- ball type check meters the flow of hydraulic oil in one direction and allows for free flow in the reverse direction
- maximum operating pressure: **5000 PSI** at 70°F, cracking pressure: **5 PSI**
- also available in brass, see page 153

Female NPTF	Zinc Plated Steel with a dichromate seal	
	Part #	Price/E
1/4"	SPF400	\$61.25
3/8"	SPF600	81.00
1/2"	SPF800	102.30



Series N

Features:

- excellent speed control on hydraulic systems where a reverse flow check valve is not needed
- reliable shutoff in a very small envelope; color-coded reference scale simplifies setting, resetting, adjusting and quick return to a previous speed setting
- maximum operating pressure: **5000 PSI** at 70°F for 1/8" - 3/4", **3000 PSI** at 70°F for 1" - 1 1/4"
- also available in brass, see page 153

Female NPTF	Steel	
	Part #	Price/E
1/8"	SN200	\$79.00
1/4"	SN400	81.00
3/8"	SN600	99.00
1/2"	SN800	127.00
3/4"	SN1200	178.75
1"	SN1600	953.00
1 1/4"	SN2000	1320.00



Series MV

Features:

- easily make fine adjustments and resets with color code feature that shows when desired setting is reached
- body components are precision-turned from solid barstock
- 416 stainless steel needle
- maximum operating pressure: **5000 PSI** at 70°F

Female NPTF	Steel	
	Part #	Price/E
1/4"	SMV400	\$86.00
3/8"	SMV600	170.00
1/2"	SMV800	214.00



Series C Check Valves

Features:

- provides free flow in one direction and dependable shutoff in the opposite direction
- maximum operating pressure: **5000 PSI** at 70°F, cracking pressure: **5 PSI**
- also available in brass, see page 153

Female NPTF	Free Flow GPM	Steel	
		Part #	Price/E
1/8"	3	SCV200	\$60.00
1/4"	5	SCV400	60.50
3/8"	8	SCV600	71.75
1/2"	15	SCV800	80.50



High Pressure Full-Bore Ball Valves

Features:

- blow-out proof stem
- rugged construction
- Viton® O-rings
- Delrin® ball seats
- female thread



Size	PSI	Carbon Steel				PSI	316 Stainless Steel	
		NPTF Part #	Price/E	SAE Part #	Price/E		NPTF Part #	Price/E
1/4"	7350	HPBV25	\$63.90	HPBV25SAE	\$71.65	5880	HPBV25SS	\$427.50
3/8"	7350	HPBV38	67.80	HPBV38SAE	80.70	5880	HPBV38SS	497.50
1/2"	7350	HPBV12	73.70	HPBV12SAE	87.10	5880	HPBV12SS	595.00
3/4"	5880	HPBV34	145.05	HPBV34SAE	162.20	5145	HPBV34SS	1027.90
1"	5145	HPBV10	173.10	HPBV10SAE	190.00	5145	HPBV10SS	1212.80
1 1/4"	5880	HPBV125	452.90	HPBV125SAE	490.20	---	---	---
1 1/2"	5880	HPBV150	548.90	HPBV150SAE	583.00	---	---	---
2"	5880	HPBV200	831.00	HPBV200SAE	870.00	---	---	---

Mini Needle Valves

Features:

- available in a variety of materials and handle options
- FKM O-ring seal and PTFE back-up ring below the threads protects from corrosion and galling
- stem threads are rolled for strength and ease of operation
- metal-to-metal hard seat design is 100% helium leak tested to 1 x 10⁻⁴ ml/s at 200 PSI
- 1/8" and 1/4" are orifice size: 0.172", flow coefficient: 0.42
- 1/2": orifice size are 0.187", flow coefficient: 0.44
- seal: FKM O-ring
- back-up ring: PTFE

Male to Female



NPT Size	Handle Style	PSI at 70°F	Material	Part #	Price/E
1/8" - 27	knurled knob	6000	brass	MFB101	\$60.00
1/4" - 18	knurled knob	6000	brass	MFB102	60.00
1/8" - 27	T design	10000	nickel plated steel	MFC101	46.75
1/4" - 18	T design	10000	nickel plated steel	MFC102	46.75
1/2" - 14	T design	10000	nickel plated steel	MFC404	65.50
1/8" - 27	T design	10000	316 stainless steel	MFS101	107.25
1/4" - 18	T design	10000	316 stainless steel	MFS102	107.25
1/2" - 14	T design	10000	316 stainless steel	MFS404	166.75

Female to Female



NPT Size	Handle Style	PSI at 70°F	Material	Part #	Price/E
1/8" - 27	knurled knob	6000	brass	FFB101	\$60.00
1/4" - 18	knurled knob	6000	brass	FFB102	60.00
1/8" - 27	T design	10000	nickel plated steel	FFC101	46.75
1/4" - 18	T design	10000	nickel plated steel	FFC102	46.75
1/2" - 14	T design	10000	nickel plated steel	FFC404	64.50
1/8" - 27	T design	10000	316 stainless steel	FFS101	107.25
1/4" - 18	T design	10000	316 stainless steel	FFS102	107.25
1/2" - 14	T design	10000	316 stainless steel	FFS404	158.00

Pipe and Tube Clamps

Applications:

- standard hydraulic applications, general pipe construction, electric cables, etc.
- *Standard and twin series clamps* are recommended for systems with less than 1500 PSI without dynamic loads.
- *Heavy duty clamps* are recommended for systems with greater than 1500 PSI operating pressure.

Features:

- clamps are welded in place to secure the pipe or tubing
- polypropylene cushions reduce wear due to vibration
- kit includes clamp with weld plate, cover plate and bolts

standard series clamps

Part #	Size	Length	Width	Height	Price/E
<i>HST02P</i>	1/8" pipe	1.65"	1.18"	1.30"	5.50
<i>HST04P</i>	1/4" pipe	1.89"	1.18"	1.54"	6.55
<i>HST04T</i>	1/4" tube	1.65"	1.18"	1.30"	5.50
<i>HST05T</i>	5/16" tube	1.65"	1.18"	1.30"	5.50
<i>HST06P</i>	3/8" pipe	1.89"	1.18"	1.54"	6.55
<i>HST06T</i>	3/8" tube	1.65"	1.18"	1.30"	5.50
<i>HST08P</i>	1/2" pipe	2.17"	1.18"	1.61"	7.30
<i>HST08T</i>	1/2" tube	1.89"	1.18"	1.54"	6.55
<i>HST10T</i>	5/8" tube	1.89"	1.18"	1.54"	6.55
<i>HST12P</i>	3/4" pipe	2.44"	1.18"	1.89"	7.30
<i>HST12T</i>	3/4" tube	2.17"	1.18"	1.61"	6.95
<i>HST14T</i>	7/8" tube	2.17"	1.18"	1.61"	6.95
<i>HST16P</i>	1" pipe	2.91"	1.18"	2.52"	8.65
<i>HST16T</i>	1" tube	2.17"	1.18"	1.61"	6.95
<i>HST20P</i>	1-1/4" pipe	2.91"	1.18"	2.52"	8.65
<i>HST20T</i>	1-1/4" tube	2.91"	1.18"	2.52"	8.65
<i>HST24P</i>	1-1/2" pipe	3.46"	1.18"	2.83"	12.00
<i>HST24T</i>	1-1/2" tube	2.91"	1.18"	2.52"	8.70
<i>HST32T</i>	2" tube	3.46"	1.18"	2.83"	12.00



twin series clamps

Part #	Size	Length	Width	Height	Price/E
<i>HTW02P</i>	1/8" pipe	1.46"	1.18"	1.36"	6.70
<i>HTW04P</i>	1/4" pipe	1.46"	1.18"	1.36"	7.05
<i>HTW04T</i>	1/4" tube	1.46"	1.18"	1.36"	6.70
<i>HTW05T</i>	5/16" tube	1.46"	1.18"	1.36"	6.70
<i>HTW06P</i>	3/8" pipe	2.17"	1.18"	1.42"	7.05
<i>HTW06T</i>	3/8" tube	1.46"	1.18"	1.36"	6.70
<i>HTW08P</i>	1/2" pipe	2.76"	1.18"	1.85"	7.25
<i>HTW08T</i>	1/2" tube	2.17"	1.18"	1.42"	7.05
<i>HTW10T</i>	5/8" tube	2.17"	1.18"	1.42"	7.05
<i>HTW12P</i>	3/4" pipe	3.35"	1.18"	2.05"	8.65
<i>HTW12T</i>	3/4" tube	2.76"	1.18"	1.85"	7.25
<i>HTW14T</i>	7/8" tube	2.76"	1.18"	1.85"	7.25
<i>HTW16P</i>	1" pipe	4.33"	1.18"	2.52"	11.00
<i>HTW16T</i>	1" tube	2.76"	1.18"	1.85"	7.25
<i>HTW20P</i>	1-1/4" pipe	4.33"	1.18"	2.52"	11.00
<i>HTW20T</i>	1-1/4" tube	4.33"	1.18"	2.52"	11.00
<i>HTW24T</i>	1-1/2" tube	4.33"	1.18"	2.52"	11.00



heavy duty series clamps

Part #	Size	Length	Width	Height	Price/E
<i>HHD02P</i>	1/8" pipe	2.87"	1.18"	1.89"	14.25
<i>HHD04P</i>	1/4" pipe	2.87"	1.18"	1.89"	14.25
<i>HHD04T</i>	1/4" tube	2.87"	1.18"	1.89"	14.25
<i>HHD05T</i>	5/16" tube	2.87"	1.18"	1.89"	14.25
<i>HHD06P</i>	3/8" pipe	2.87"	1.18"	1.89"	14.25
<i>HHD06T</i>	3/8" tube	2.87"	1.18"	1.89"	14.25
<i>HHD08P</i>	1/2" pipe	3.35"	1.18"	2.52"	16.25
<i>HHD08T</i>	1/2" tube	2.87"	1.18"	1.89"	14.25
<i>HHD10T</i>	5/8" tube	2.87"	1.18"	1.89"	14.25
<i>HHD12P</i>	3/4" pipe	3.35"	1.18"	2.52"	16.25
<i>HHD12T</i>	3/4" tube	3.35"	1.18"	2.52"	16.25
<i>HHD14T</i>	7/8" tube	3.35"	1.18"	2.52"	16.25
<i>HHD16P</i>	1" pipe	3.94"	1.18"	2.99"	17.30
<i>HHD16T</i>	1" tube	3.35"	1.18"	2.52"	16.25
<i>HHD20P</i>	1-1/4" pipe	5.51"	1.77"	4.33"	45.00
<i>HHD20T</i>	1-1/4" tube	3.94"	1.18"	2.99"	17.30
<i>HHD24P</i>	1-1/2" pipe	5.51"	1.77"	4.33"	45.00
<i>HHD24T</i>	1-1/2" tube	3.94"	1.18"	2.99"	17.30
<i>HHD32P</i>	2" pipe	5.51"	1.77"	4.33"	45.00
<i>HHD32T</i>	2" tube	5.51"	1.77"	4.33"	45.00



Holedall Coupling Machines

Rams, are powerful finely engineered machines designed specifically to externally swage and internally expand Holedall couplings by hydraulic pressure securely attaching Holedall couplings to hose. Since each ram generates all the hydraulic pressure required to attach the Holedall coupling, one person can easily operate the equipment.

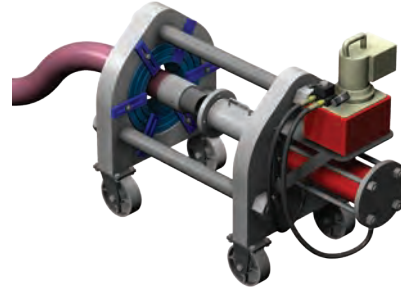
15 Ton Ram



Features:

- for internally expanded couplings only
- can expand 1" through 3" steel fittings and 5/8" through 4" brass Holedall Petroleum fittings
- produces up to 10,000 PSI, for up to 15 tons of ram force
- bench mounted model (optional stand available)
- motor: ½ h.p., 115 volt, 60 cycle, single phase with foot pedal

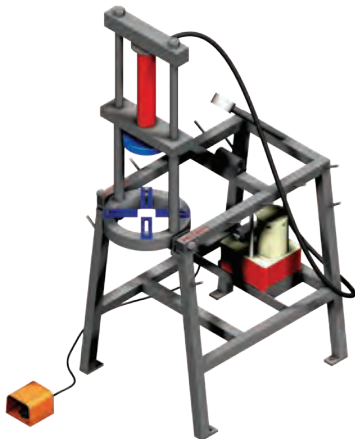
100 Ton Ram



Features:

- for externally swaging Holedall fittings to hose, sizes 1¼" through 10" ID
- optional accessories allow the ram to be used for internally expanded couplings on hose from 1" through 6"
- capable of producing up to 100 tons of ram force
- motor: 1-1/8 h.p., 115 volt, 60 cycle, single phase motor is standard with remote, (220/440 volt motors are available)

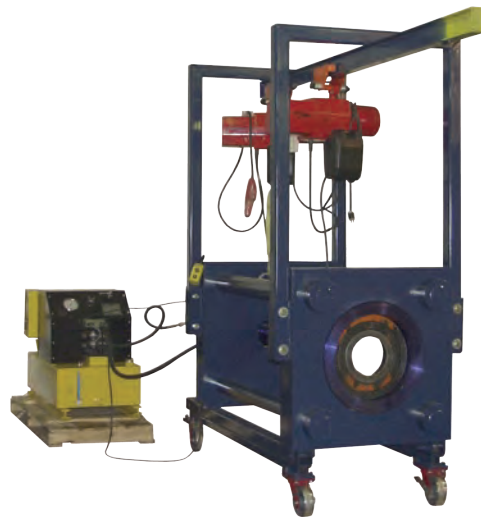
25 Ton Ram



Features:

- can externally swage ¼" through 4" ID hose and internally expand 5/8" through 4" ID hose with proper equipment
- produces up to 10,000 PSI of line pressure for up to 25 tons of ram force
- free standing model
- high speed pump kit option is available
- motor is ½ h.p., 115 volt 60 cycle, single phase with foot pedal

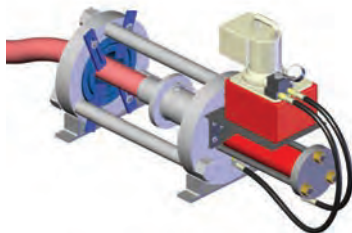
350 Ton Ram



Features:

- for externally swaging Holedall and Rotary fittings
- produces up to 354 tons of ram force for swaging
- 14" 150 lb. flange will fit through the bed plate
- ram has 36" of stroke
- motor: 12.5 h.p., 230 volt, 60Hz, 3 phase motor is standard with remote

50 Ton Ram



Features:

- can externally swage 1¼" through 6" ID hose and internally expand 1" through 6" ID hose with proper equipment
- produces up to 10,000 PSI, for up to 50 tons of ram force
- bench mounted model (optional stand available)
- motor is 1-1/8 h.p., 115 volt, 60 cycle, single phase, standard with remote, (220/440 volt motors are available)

! All Rams require dies of the proper size to reduce the ferrule to the proper diameter for a good grip on the hose. Pushers of the proper size must be used on the end of the Ram to push the Holedall fitting through the die. Die and pusher selection depends on the sizes and types of hoses being coupled. Ferrule recommendations and a Die Chart binder are available upon request. Consult Dixon for specific details.

Recommended Working Pressures



WARNING Holedall couplings, regardless of coupling style, are never to be used for steam service at any pressure. Holedall fittings listed below are not to be used with cable reinforced high-pressure hose, 4 or 6 braid wire hydraulic hose or any other service not listed in recommendations. In addition, Internally Expanded Holedall couplings are not to be used with plastic lined chemical hose. Consult Dixon for recommendations on usage.

Holedall couplings (Externally Swaged), to perform satisfactorily, must be applied properly in accordance with Dixon's assembly procedures, using the correct die and ferrule for that particular hose end OD. Dixon's Die and Ferrule Recommendation Guide is to be used to select correct dies and ferrules. If you do not have the updated Die and Ferrule Recommendation Guide, consult Dixon. Strict adherence to ferrule OD range (Internally Expanded) for each hose end to be assembled is essential for satisfactory performance.

Note: Hose service working pressure (including surges and spikes) is never to exceed the maximum recommended working pressure for the fitting (reference chart below)*. Media being transported through the hose should be compatible with the stem material. Compatibility of ferrule material with the environment in which it will be used is recommended. Consult these Compatibility Chart on pages 802-807 or contact Dixon for material compatibility. For applications other than the ones listed, please consult Dixon.

Size	Externally Swaged					Internally Expanded			
	Standard Fittings ¹	Long Style Fittings ¹	Light Duty Fittings		Holedall II Fittings ¹	Cam and Groove ¹	Holedall DIN Crimp Stems ¹	Internally Expanded ¹	Flow Chief / Crimp Sanitary Fittings ¹
			NO Notched Fittings ¹	NOS Notched Short Fittings ¹					
TM, TP, TG, TMR, TPR, TGR	TML, TPL, TGL	TM, TP, TG, RN•••NO	RST•••NOS, STC•••NOS, GAS••••NOS	FW	HA••••	IXM, IXV, IXH	IXSE, IXFS, IXMS, CSSR		
3/4"	---	---	---	---	---	---	---	---	---
1"	---	---	---	---	---	250	---	---	---
1 1/4"	600	1,000	350	---	---	---	800	---	---
1 3/8"	---	---	---	---	---	---	---	---	---
1 1/2"	600	1,000	350	250	300	250	145	800	250
2"	600	1,000	350	250	300	250	145	800	250
2 1/2"	600	1,000	250	---	250	150	---	600	250
3"	600	1,000	250	250	200	125	145	600**	250
4"	500	850	250	***	200	100	---	500**	200
5"	450	750	---	---	---	---	---	---	---
6"	400	700	---	---	---	---	---	400	---
8"	350	600	---	---	---	---	---	---	---
10"	300	550	---	---	---	---	---	---	---

¹ maximum recommended working pressures, in PSI, given at 70°F ambient temperature

* The assembly's (hose + coupling) maximum working pressure is the lesser of:

- 1) The hose rated working pressure, or
- 2) The coupling rated working pressure

** For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon for working pressures.

See notes below for specific recommendations.

***Contact Dixon for pressure recommendations

Standard Fittings

Recommended for use on most one and two wire braid reinforced hoses, fiber reinforced (braided or spiraled) with or without helical wire such as: oil suction and discharge hose, barge and dock loading and unloading hose as well as LP gas hose, anhydrous ammonia hose, acid chemical hose and high pressure air and water hose.

Long Style Fittings

Recommended for use on hose as listed under standard fittings where additional retention is required due to higher working pressures or end pull. Consult maximum working pressure chart or call Dixon.

Holedall II Fittings

Recommended for Royalflex 1193 and 1196 hose or hoses with similar construction, having helical wire for a given OD range.

Light Duty Fittings

Recommended for use in the same applications as standard fittings above where lower working pressures are encountered. Consult maximum working pressure chart or consult Dixon.

Internally Expanded Fittings

Recommended for concrete placement, grout and plaster, food, dairy, pharmaceutical as well as other applications where increased flow capacity is important. Consult maximum working pressure chart or call Dixon for additional application and working pressure information.



Holedall External Swage Coupling System

The Holedall coupling system provides outstanding strength, durability and safety.



The Holedall system is a method of attaching couplings to hose utilizing a progressive swage. The patented Holedall couplings include a Holedall stem and a specially engineered ferrule. The hydraulic swaging of the coupling to the hose is accomplished by pushing the ferrule through a die which reduces the ferrule OD, thus providing a 360° uninterrupted compression band around the hose.

A hydraulic ram is the only piece of machinery necessary to accomplish the coupling. Available in five different sizes - 15, 25, 50, 100 and 350 ton - these rams will accommodate dies and pushers of various sizes so that hoses up to 10" in diameter may be coupled.

This multi-purpose, high pressure coupling system requires no bolts and results in a clean coupling with no protrusions. The swaging operation is fast and hose of various lengths and different styles can be coupled. Ease of operation, flexibility and economy make the Holedall method an unequalled assembly system.

The Holedall coupling:

- provides long-lasting efficiency and safety.
- available in stainless steel and carbon steel.
- available in multiple configurations: pipe thread, plain end, grooved or flanged ends.

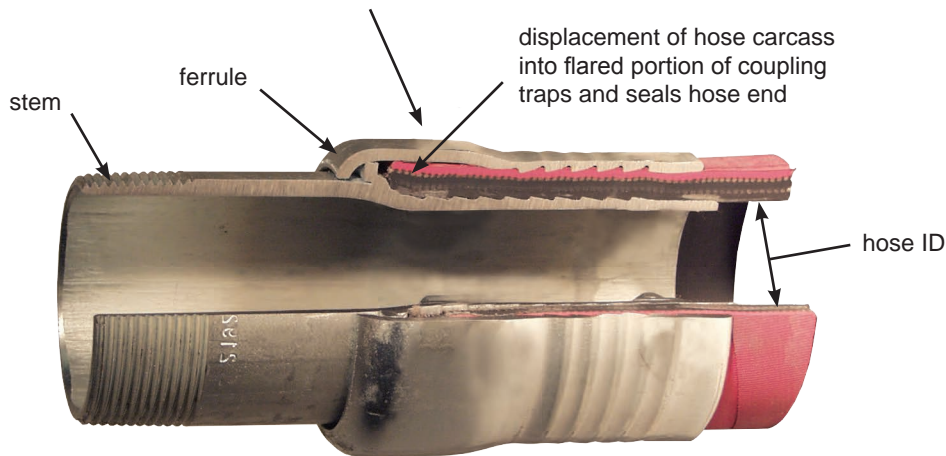

 Dixon Holedall stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances, for safety reasons, do not use other manufacturer's stems or ferrules with Dixon Holedall products.
 

Streamlined, lightweight coupling consisting of ferrule and stem.
No protrusions to snag on equipment.

M



do not use wrench or vice on ferrule



cross-section of Holedall externally swaged assembly

External Swage Stems

Features:

- designed for hose ID's 1¼" - 10", ferrule size depends on the hose OD, refer to the next page to select the correct ferrule
- for higher working pressure applications use long style stems and ferrules

Male Pipe Threaded (NPT) End



tubular type

Hose ID	Plated Carbon Steel		316 Stainless		Long Style Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	TM20	\$48.20	TMR20	\$75.20	TML20	\$58.00
1½"	TM24	55.00	TMR24	72.40	TML24	65.90
2"	TM32	40.80	TMR32	83.40	TML32	57.10
2½"	TM40	74.90	TMR40	201.00	TML40	83.00
3"	TM48	70.00	TMR48	182.00	TML48	94.75
4"	TM64	87.50	TMR64	288.20	TML64	140.00
5"	TM80	241.00	---	---	TML80	400.00
6"	TM96	220.00	TMR96	705.00	TML96	341.00
8"	TM128	258.50	---	---	TML128	371.00
10"	TM160	557.75	---	---	TML160	680.00



investment cast design

Hose ID	316 Stainless Steel	
	Part #	Price/E
1½"	TMR24C ¹	\$47.25
2"	TMR32C ¹	55.00
3"	TMR48C ¹	111.30

¹ product will be discontinued as inventory is depleted

Beveled End for Welding



tubular type

Hose ID	Unplated Carbon Steel		316 Stainless		Long Style Unplated Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	TP20	\$48.20	---	---	TPL20	\$62.00
1½"	TP24	55.00	---	---	TPL24	65.90
2"	TP32	40.80	TPR32	\$113.00	TPL32	57.10
2½"	TP40	74.90	---	---	TPL40	94.75
3"	TP48	70.00	TPR48	210.00	TPL48	94.75
4"	TP64	87.50	TPR64	320.00	TPL64	140.00
5"	TP80	241.00	---	---	TPL80	341.00
6"	TP96	220.00	---	---	TPL96	341.00
8"	TP128	258.50	---	---	TPL128	371.00
10"	TP160	580.00	---	---	TPL160	680.00

Grooved End



tubular type

Hose ID	Plated Carbon Steel		316 Stainless		Long Style Plated Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	TG20	\$48.20	---	---	TGL20	POR
1½"	TG24	55.00	TGR24	\$72.40	TGL24	POR
2"	TG32	53.80	TGR32	83.40	TGL32	POR
2½"	TG40	85.00	TGR40	201.00	TGL40	POR
3"	TG48	81.10	TGR48	182.00	TGL48	POR
4"	TG64	91.25	TGR64	302.60	TGL64	POR
5"	TG80	241.00	---	---	TGL80	POR
6"	TG96	220.00	---	---	TGL96	POR
8"	TG128	258.50	---	---	TGL128	POR
10"	TG160	580.00	---	---	TGL160	POR



tubular type

Hose ID	Hose OD		Plated Carbon Steel	
	from	to	Part #	Price/E
1"	1-30/64"	1-34/64"	TF16WF1-80	\$46.70
	1-34/64"	1-38/64"	TF16WF2-80	46.70
	1-35/64"	1-42/64"	TF16WF3-80	46.70
1¼"	1-44/64"	1-48/64"	TF20WF1-80 ¹	149.00
	1-49/64"	1-56/64"	TF20WF2-80 ¹	149.00
	1-57/64"	2"	TF20WF3-80 ¹	149.00
2"	2-36/64"	2-40/64"	TF32WF1-80 ¹	162.75
	2-41/64"	2-48/64"	TF32WF2-80 ¹	162.75
	2-49/64"	2-56/64"	TF32WF3-80 ¹	162.75

Female End



stem and ferrule - two piece design
1" size



stem and ferrule - one piece design
1¼" - 2" sizes

¹ Special pusher required for 1¼" and 2" sizes:

1¼" **25PUSH125-MOD**

2" **25PUSH200-MOD**

External Swage Ferrules

The selection of ferrules is very important to achieve the proper coupling-to-hose assembly. For assistance in proper selection contact Dixon.

Features:

- plated carbon steel
- style F ferrules are used with all standard length stems
- style FL ferrules are extra long and are used with all long style stems



Hose ID	Hose OD		Plated Carbon Steel		Long Style Plated Carbon Steel	
	from	to	Part #	Price/E	Part #	Price/E
1 1/4"	1-44/64"	1-48/64"	F20-1	\$42.80	FL20-1	\$61.45
	1-49/64"	1-56/64"	F20-2	42.80	FL20-2	61.45
	1-57/64"	2"	F20-3	47.15	FL20-3	61.45
	2-1/64"	2-8/64"	F20-4	47.15	FL20-4	61.45
1 1/2"	1-58/64"	2"	F24-1	37.35	FL24-1	56.85
	2-1/64"	2-8/64"	F24-2	37.35	FL24-2	56.85
	2-9/64"	2-16/64"	F24-3	40.40	FL24-3	56.85
	2-17/64"	2-24/64"	F24-4	43.00	FL24-4	56.85
	2-25/64"	2-32/64"	F24-5	43.00	FL24-5	56.85
2"	2-28/64"	2-40/64"	F32-1	38.00	FL32-1	57.00
	2-41/64"	2-48/64"	F32-2	38.00	FL32-2	57.00
	2-49/64"	2-56/64"	F32-3	44.70	FL32-3	57.00
	2-57/64"	3-2/64"	F32-4	44.70	FL32-4	57.00
2 1/2"	2-62/64"	3-8/64"	F40-1	57.70	FL40-1	80.00
	3-9/64"	3-16/64"	F40-2	57.70	FL40-2	80.00
	3-17/64"	3-24/64"	F40-3	57.70	FL40-3	80.00
	3-25/64"	3-32/64"	F40-4	70.00	FL40-4	80.00
	3-33/64"	3-40/64"	F40-5	70.00	FL40-5	80.00
3"	3-30/64"	3-40/64"	F48-1	49.90	FL48-1	94.20
	3-41/64"	3-48/64"	F48-2	54.60	FL48-2	94.20
	3-49/64"	3-56/64"	F48-3	59.35	FL48-3	94.20
	3-57/64"	4"	F48-4	73.20	FL48-4	94.20
	4-1/64"	4-8/64"	F48-5	68.00	FL48-5	94.20
4"	4-30/64"	4-39/64"	F64-Z ¹	94.00	FL64-Z ²	120.00
	4-40/64"	4-44/64"	F64-1	94.00	FL64-1	120.00
	4-45/64"	4-52/64"	F64-2	94.00	FL64-2	120.00
	4-53/64"	4-60/64"	F64-3	94.00	FL64-3	120.00
	4-61/64"	5-4/64"	F64-4	94.00	FL64-4	120.00
	5-5/64"	5-12/64"	F64-5	106.00	FL64-5	120.00
	5-13/64"	5-20/64"	F64-6	106.00	FL64-6	120.00
	5-21/64"	5-28/64"	F64-7	106.00	FL64-7	120.00
5"	5-29/64"	5-36/64"	F64-8	106.00	FL64-8	120.00
	5-56/64"	5-60/64"	F80-1	240.00	FL80-1	POR
	5-61/64"	6-4/64"	F80-2	240.00	FL80-2	POR
	6-5/64"	6-12/64"	F80-3	250.00	FL80-3	POR
	6-13/64"	6-20/64"	F80-4	POR	FL80-4	POR
	6-21/64"	6-28/64"	F80-5	POR	FL80-5	POR
	6-29/64"	6-38/64"	F80-6	POR	FL80-6	POR
6-37/64"	6-44/64"	F80-7	POR	FL80-7	POR	

Hose ID	Hose OD		Plated Carbon Steel		Long Style Plated Carbon Steel	
	from	to	Part #	Price/E	Part #	Price/E
6"	6-44/64"	6-63/64"	F96-Z ³	\$227.70	FL96-Z ¹	\$304.75
	7"	7-4/64"	F96-1	235.00	FL96-1	304.75
	7-5/64"	7-12/64"	F96-2	235.00	FL96-2	304.75
	7-13/64"	7-20/64"	F96-3	235.00	FL96-3	304.75
	7-21/64"	7-28/64"	F96-4	245.00	FL96-4	304.75
	7-29/64"	7-36/64"	F96-5	245.00	FL96-5	304.75
	7-37/64"	7-44/64"	F96-6	255.30	FL96-6	304.75
	7-45/64"	7-52/64"	F96-7	255.30	FL96-7	304.75
	7-53/64"	7-60/64"	F96-8	255.30	FL96-8	304.75
7-61/64"	8"	F96-9	255.30	FL96-9	304.75	
8"	8-53/64"	8-56/64"	F128-X ⁴	398.00	---	---
	9"	9-9/64"	F128-Y	395.00	FL128-Y	POR
	9-20/64"	9-24/64"	F128-1	410.00	FL128-1	POR
	9-25/64"	9-32/64"	F128-2	410.00	FL128-2	POR
	9-33/64"	9-40/64"	F128-3	410.00	FL128-3	POR
	9-41/64"	9-48/64"	F128-4	463.50	FL128-4	POR
	9-49/64"	9-56/64"	F128-5	463.50	FL128-5	POR
10"	9-57/64"	10"	F128-6	463.50	FL128-6	POR
	10-1/64"	10-4/64"	F128-7	463.50	FL128-7	POR
	11-32/64"	11-44/64"	F160-1	750.00	FL160-1	POR
	11-45/64"	11-60/64"	F160-2	750.00	FL160-2	POR
	11-61/64"	12-12/64"	F160-3	POR	FL160-3	POR
	12-13/64"	12-28/64"	F160-4	POR	FL160-4	POR
	12-29/64"	F160-5	POR	FL160-5	POR	
	12-45/64"	F160-6	POR	FL160-6	POR	

Special Holedall Stems

Hose ID	Material	Thread	Part #	Price/E
4"	carbon steel	NPT	TM64-42 ¹	\$101.00
4"	long carbon steel	NPT	TML64-42 ²	140.00
6"	carbon steel	NPT	TM96-42 ³	220.00
6"	316 stainless	NPT	TMR96-42 ³	705.00
6"	long carbon steel	NPT	TML96-42 ³	341.00
6"	carbon steel	beveled	TP96-42 ³	220.00
6"	316 stainless	beveled	TPR96-42 ³	POR
6"	long carbon steel	grooved	TGL96-42 ³	POR
6"	carbon steel	grooved	TG96-42 ³	220.00
8"	carbon steel	NPT	TM128-42 ⁴	258.50
8"	carbon steel	beveled	TP128-42 ⁴	258.50
8"	carbon steel	grooved	TG128-42 ⁴	258.50

^{1, 2, 3, 4} requires special stem

For applications with hose OD ranges not listed, contact Dixon.

Holedall II External Swage Ferrules

Features:

- for use with Royal-Flex™ thin wall hose and stem styles TM, TP and TG stems on page 417
- ferrules have serrations on the outside

Hose ID	Hose OD		Carbon Steel	
	From	To	Part #	Price/E
1½"	1-58/64"	2-2/64"	FW24	\$75.00
2"	2-28/64"	2-34/64"	FW32	86.60
3"	3-30/64"	3-38/64"	FW48	106.00
4"	4-30/64"	4-42/64"	FW64¹	108.00

¹ 4" takes special stem; **TM64-42, \$101.00**



Stainless External Swage Ferrules

Features:


- for use with standard length stems styles TMR, TPR, and TGR series on page 417
- consult Dixon for die recommendations, see pages 794-799 for specific pressure recommendations

Hose ID	Hose OD		304 Stainless Steel	
	From	To	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334TO	\$42.40
	2-4/64"	2-22/64"	GAS2370TO	42.40
2"	2-30/64"	2-44/64"	GAS2709TO	34.40
	2-42/64"	2-54/64"	GAS2885TO	71.25
3"	3-30/64"	3-46/64"	GAS3760TO	53.30
	3-47/64"	3-54/64"	GAS3885TO	69.90
4"	4-40/64"	4-47/64"	GAS5010TO	275.00




External Swage Notched NOS Stems and Ferrules

Features:

- The notched system allows you to better manage your inventories. You can stock one stem and two ferrules to cover the same hose range with less inventory. *You must purchase a fitting and the matching ferrule to create an assembly.*
- For hose outside diameters of 2-4/64" and below, *the couplings are crimp only.*
- For hose outside diameters of 2-5/64" and above, the couplings can be crimped or swaged. 
- See page 69 for cam and groove style notched NOS fittings.

M

 **Only use the NOS shank with the NOS ferrules.**
Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon Holedall products.



STC200NOS



RST150NOS

stems

Size	PSI at 70°F	316 Stainless Steel	
		Part #	Price/E
1½"	250	RST150NOS	\$45.40
2"	250	RST200NOS	53.30
3"	250	RST300NOS	119.60
4"	¹	RST400NOS	183.35

¹ contact Dixon for pressure information

ferrules

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NOS	\$31.90
1½"	2-4/64"	2-22/64"	GAS2370NOS	34.50
2"	2-30/64"	2-44/64"	GAS2709NOS	31.50
2"	2-42/64"	2-54/64"	GAS2885NOS	64.40
3"	3-30/64"	3-46/64"	GAS3760NOS	46.35
3"	3-47/64"	3-54/64"	GAS3885NOS	63.00
4"	4-40/64"	4-47/64"	GAS5010NOS	235.00



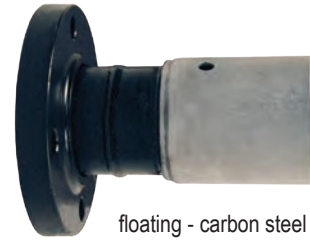
External Swage Flanged Assemblies

Features:

- 150# ASA flange drilling available with carbon steel stem, flange and ferrule, or with 316 stainless steel stem and flange and carbon steel ferrule
- available in other sizes, consult Dixon for pricing



fixed - carbon steel



floating - carbon steel

fixed flange

floating flange

Hose ID	Hose OD		Carbon Steel		Stainless Steel		Carbon Steel		Stainless Steel	
	From:	To:	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	2-28/64"	2-40/64"	32P1SO15	\$212.70	R32P1SOR15	\$442.00	32P1LJ15	\$260.00	R32P1LJR15	\$510.00
	2-41/64"	2-48/64"	32P2SO15	212.70	R32P2SOR15	442.00	32P2LJ15	260.00	R32P2LJR15	510.00
	2-49/64"	2-56/64"	32P3SO15	212.70	R32P3SOR15	442.00	32P3LJ15	260.00	R32P3LJR15	510.00
3"	3-30/64"	3-40/64"	48P1SO15	271.00	R48P1SOR15	600.00	48P1LJ15	288.40	R48P1LJR15	690.00
	3-41/64"	3-48/64"	48P2SO15	271.00	R48P2SOR15	600.00	48P2LJ15	288.40	R48P2LJR15	690.00
	3-49/64"	3-56/64"	48P3SO15	271.00	R48P3SOR15	600.00	48P3LJ15	288.40	R48P3LJR15	690.00
4"	4-40/64"	4-44/64"	64P1SO15	354.00	R64P1SOR15	875.00	64P1LJ15	450.00	R64P1LJR15	1197.00
	4-45/64"	4-52/64"	64P2SO15	354.00	R64P2SOR15	875.00	64P2LJ15	450.00	R64P2LJR15	1197.00
	4-53/64"	4-60/64"	64P3SO15	354.00	R64P3SOR15	875.00	64P3LJ15	450.00	R64P3LJR15	1197.00
6"	7"	7-4/64"	96P1SO15	675.00	R96P1SOR15	1542.00	96P1LJ15	840.00	R96P1LJR15	1800.00
	7-5/64"	7-12/64"	96P2SO15	675.00	R96P2SOR15	1542.00	96P2LJ15	840.00	R96P2LJR15	1800.00
	7-13/64"	7-20/64"	96P3SO15	675.00	R96P3SOR15	1542.00	96P3LJ15	840.00	R96P3LJR15	1800.00
8"	9-20/64"	9-24/64"	128P1SO15	1020.00	---	---	128P1LJ15	1150.00	---	---
	9-25/64"	9-32/64"	128P2SO15	1020.00	---	---	128P2LJ15	1150.00	---	---
	9-33/64"	9-40/64"	128P3SO15	1020.00	---	---	128P3LJ15	1150.00	---	---

External Swage Uni-Range Male Couplings

M Features:

- designed for smaller hose systems, hose ID's of 1/4" - 1"
- shipped complete with factory assembled stem and ferrule combination
- can be swaged or crimped
- stainless steel stems are investment cast
- other hose OD's available, consult Dixon



plated carbon steel stem and ferrule

Hose ID	Hose OD		Plated Carbon Steel	
	From:	To:	Part #	Price/E
1/4"	34/64"	38/64"	4P1	\$16.05
	38/64"	42/64"	4P2	16.05
	42/64"	46/64"	4P3	16.05
3/8"	46/64"	50/64"	6P1	22.25
	50/64"	54/64"	6P2	22.25
	54/64"	58/64"	6P3	22.25
1/2"	54/64"	58/64"	8P1	22.70
	58/64"	62/64"	8P2	22.70
	62/64"	1-2/64"	8P3	22.70
3/4"	1-10/64"	1-14/64"	12P1	23.80
	1-14/64"	1-18/64"	12P2	23.80
	1-18/64"	1-22/64"	12P3	23.80
1"	1-30/64"	1-34/64"	16P1	31.55
	1-34/64"	1-38/64"	16P2	31.55
	1-38/64"	1-42/64"	16P3	31.55
	1-42/64"	1-46/64"	16P4	31.55

316 stainless steel stem, plated carbon steel ferrule

Hose ID	Hose OD		Stainless/Carbon Steel	
	From:	To:	Part #	Price/E
3/4"	1-10/64"	1-14/64"	R12P1	\$59.65
	1-14/64"	1-18/64"	R12P2	59.65
	1-18/64"	1-22/64"	R12P3	59.65
1"	1-30/64"	1-34/64"	R16P1	105.00
	1-34/64"	1-38/64"	R16P2	105.00
	1-38/64"	1-42/64"	R16P3	105.00
	1-42/64"	1-46/64"	R16P4	105.00

316 stainless steel stem, 304 stainless steel ferrule

Hose ID	Hose OD		Stainless Steel	
	From:	To:	Part #	Price/E
1/2"	58/64"	62/64"	R8P2SS	\$113.00
3/4"	1-6/64"	1-12/64"	R12P1250	70.00
	1-13/64"	1-22/64"	R12P1370	70.00
1"	1-30/64"	1-38/64"	R16P1620	118.45
	1-38/64"	1-46/64"	R16P1770	119.60

External Swage High Pressure Couplings

Applications:

Intended for services requiring a fitting to withstand extremely high pressures (up to **3,000 PSI** at 70°F) and severe operating conditions including: small and medium size drilling rigs, slim hole applications and core drill, workover, seismograph, water well, blast or shot holes.

Features:

- sold as a complete coupling (stem and matching ferrule)
- must provide hose OD when ordering for a properly sized ferrule; make sure both ends of the hose are measured for OD
- must be swaged with 50 Ton or 100 Ton Ram
- API and NPT sizes are interchangeable
- stems are machined from seamless pipe and tubing with specially designed serrations
- ferrules are machined from a heavy wall material incorporating matching serrations

Stem and Ferrule Complete Assemblies

Male NPT Thread Coupling Units

Hose ID	NPT Size	Zinc Plated Steel	
		Part #	Price/E
2"	2"	LM32-*	POR
2½"	2½"	LM40-*	POR
3"	3"	LM48-*	POR

Male API Thread Coupling Units

Hose ID	API Size	Zinc Plated Steel	
		Part #	Price/E
2"	2½"	LM3240- *	POR
2½"	3"	LM4048- *	POR
3"	4"	LM4864- *	POR

* an accurate hose OD must be provided to complete the part # and to ensure proper retention



Holedall Internal Expansion Couplings


Applications:

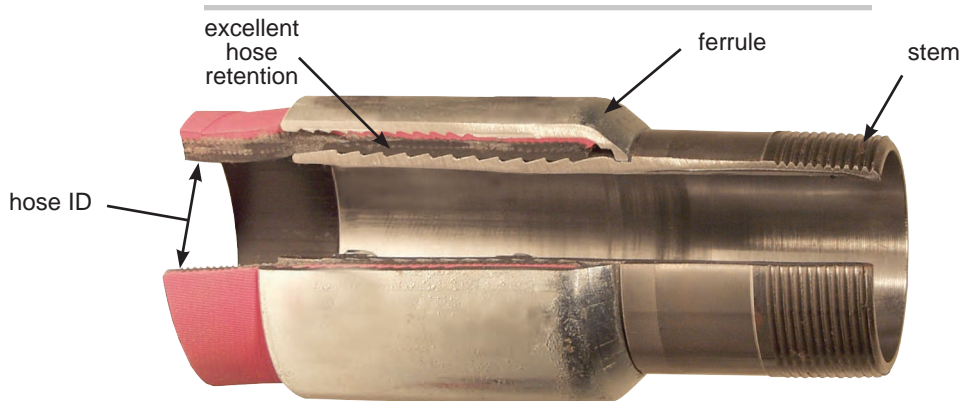
Essential in applications requiring maximum flow including: concrete pump hose, plaster and grout hose, oil suction and discharge hose, multi-purpose heavy duty air hose, jetting hose, barge loading hose and bottom loading hose.

Features:

- maximum flow of media
- reduction of turbulence through hose
- excellent sealing and retention characteristics
- outperforms band clamps
- easy and consistent installation
- only one expansion tool is needed for each hose ID
- available end configurations: male NPT, raised end (California style), grooved, others available contact Dixon



 Dixon Holedall stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances, for safety reasons, do not use other manufacturer's stems or ferrules with Dixon Holedall products.



Cross-section of Holedall internally expanded assembly

Internal Expansion Stems



male pipe threaded end



heavy duty raised end



grooved end

Size	Carbon Steel		Carbon Steel		Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	IXM16	\$58.90	---	---	---	---
1¼"	IXM20	59.75	---	---	IXV20	\$55.90
1½"	IXM24	54.60	IXH24	\$97.50	IXV24	55.40
2"	IXM32	57.25	IXH32	104.00	IXV32	58.40
2½"	IXM40	73.55	IXH40	127.00	IXV40	73.00
3"	IXM48	96.30	IXH48	155.50	IXV48	106.10
4"	IXM64	137.60	IXH64	214.20	IXV64	150.00
6"	IXM96	165.00	---	---	---	---

Butt Weld x Heavy Duty Raised End (California Style)

Feature:

- beveled design for welding to Schedule 40 pipe
- allows connection to a heavy duty raised end (California style) hose fitting or similar style end



Size	Length	Carbon Steel	
		Part #	Price/E
1½"	1½"	HDE24	\$43.25
2"	1½"	HDE32	44.00
2½"	1½"	HDE40	54.25
3"	1½"	HDE48	57.75
4"	1½"	HDE64	69.50
5"	1½"	HDE80	85.00

M

Clamps for IXH Raised End (California style) Stems

Application:

- can be used to connect the ends of pipes or hoses using the Raised End or California style fittings listed above
- cast steel clamps provide fast assembly when connecting heavy-duty raised end fittings used for concrete

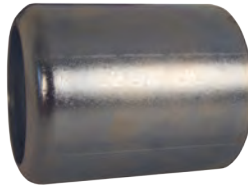
Features:

- clamp should only be used with safety pin in place
- shipped with double lipped gasket and safety pin



Hose ID	Steel Clamps		Buna-N Gaskets	
	Part #	Price/E	Part #	Price/E
1½"	IXHC150	\$134.00	IXHCG150	\$15.00
2"	IXHC200	136.00	IXHCG200	15.00
2½"	IXHC250	150.00	IXHCG250	15.00
3"	IXHC300	167.00	IXHCG300	18.75
4"	IXHC400	214.50	IXHCG400	18.75
5"	IXHC500	221.00	IXHCG500	21.15

Internal Expansion Ferrules



Hose ID	Hose OD		Ferrule ID	Plated Carbon Steel		Hose ID	Hose OD		Ferrule ID	Plated Carbon Steel	
	From:	To:		Part #	Price/E		From:	To:		Part #	Price/E
1"	1-24/64"	1-28/64"	1-7/16"	IXF16-1	\$40.50	3"	3-32/64"	3-36/64"	3-9/16"	IXF48-T	\$75.30
	1-28/64"	1-32/64"	1-1/2"	IXF16-2	40.50		3-36/64"	3-40/64"	3-5/8"	IXF48-U	75.30
	1-32/64"	1-36/64"	1-9/16"	IXF16-3	40.50		3-40/64"	3-44/64"	3-11/16"	IXF48-V	75.30
1 1/4"	1-40/64"	1-44/64"	1-11/16"	IXF20-Z	38.00	3-44/64"	3-48/64"	3-3/4"	IXF48-W	75.30	
	1-44/64"	1-48/64"	1-3/4"	IXF20-1	38.00	3-48/64"	3-52/64"	3-13/16"	IXF48-X	75.30	
	1-48/64"	1-52/64"	1-13/16"	IXF20-2	38.00	3-52/64"	3-56/64"	3-7/8"	IXF48-Y	75.30	
	1-52/64"	1-56/64"	1-7/8"	IXF20-3	38.00	3-56/64"	3-60/64"	3-15/16"	IXF48-Z	75.30	
	1-56/64"	1-60/64"	1-15/16"	IXF20-4	38.00	3-60/64"	4"	4"	IXF48-1	81.25	
	1-60/64"	2"	2"	IXF20-5	38.00	4"	4-4/64"	4-1/16"	IXF48-2	81.25	
1 1/2"	2"	2-4/64"	2-1/16"	IXF20-6	38.00	4-4/64"	4-8/64"	4-1/8"	IXF48-3¹	81.25	
	1-56/64"	1-60/64"	1-15/16"	IXF24-Z	37.65	4-8/64"	4-12/64"	4-3/16"	IXF48-4¹	81.25	
	1-60/64"	2"	2"	IXF24-1	37.65	4-12/64"	4-16/64"	4-1/4"	IXF48-5¹	81.25	
	2"	2-4/64"	2-1/16"	IXF24-2	37.65	4-36/64"	4-40/64"	4-5/8"	IXF64-T	107.35	
	2-4/64"	2-8/64"	2-1/8"	IXF24-3	37.65	4-40/64"	4-44/64"	4-11/16"	IXF64-U	107.35	
	2-8/64"	2-12/64"	2-3/16"	IXF24-4	37.65	4-44/64"	4-48/64"	4-3/4"	IXF64-V	107.35	
	2-12/64"	2-16/64"	2-1/4"	IXF24-5	37.65	4-48/64"	4-52/64"	4-13/16"	IXF64-W	107.35	
2-16/64"	2-20/64"	2-5/16"	IXF24-6	37.65	4-52/64"	4-56/64"	4-7/8"	IXF64-X	107.35		
2-20/64"	2-24/64"	2-3/8"	IXF24-7	37.65	4-56/64"	4-60/64"	4-15/16"	IXF64-Y	107.35		
2"	2-32/64"	2-36/64"	2-9/16"	IXF32-Y	40.15	4-60/64"	5"	5"	IXF64-Z	107.35	
	2-36/64"	2-40/64"	2-5/8"	IXF32-Z	40.15	5"	5-4/64"	5-1/16"	IXF64-1	107.35	
	2-40/64"	2-44/64"	2-11/16"	IXF32-1	40.15	5-4/64"	5-8/64"	5-1/8"	IXF64-2¹	107.35	
	2-44/64"	2-48/64"	2-3/4"	IXF32-2	40.15	5-8/64"	5-12/64"	5-3/16"	IXF64-3¹	107.35	
	2-48/64"	2-52/64"	2-13/16"	IXF32-3	40.15	5-12/64"	5-16/64"	5-1/4"	IXF64-4¹	107.35	
	2-52/64"	2-56/64"	2-7/8"	IXF32-4	40.15	5-16/64"	5-20/64"	5-5/16"	IXF64-5¹	107.35	
	2-56/64"	2-60/64"	2-15/16"	IXF32-5	40.15	6-40/64"	6-44/64"	6-11/16"	IXF96-1	POR	
	2-60/64"	3"	3"	IXF32-6	40.15	6-44/64"	6-48/64"	6-3/4"	IXF96-2	POR	
3"	3-4/64"	3-1/16"	IXF32-7	40.15	6-46/64"	6-50/64"	6-25/32"	IXF96-3	POR		
2 1/2"	3"	3-4/64"	3-1/16"	IXF40-1	59.50	6-48/64"	6-52/64"	6-13/16"	IXF96-4	POR	
	3-4/64"	3-8/64"	3-1/8"	IXF40-2	59.50	6-52/64"	6-56/64"	6-7/8"	IXF96-5	POR	
	3-8/64"	3-12/64"	3-3/16"	IXF40-3	59.50	6-56/64"	6-60/64"	6-15/16"	IXF96-6	POR	
	3-12/64"	3-16/64"	3-1/4"	IXF40-4	59.50	6-60/64"	7"	7"	IXF96-7	POR	
	3-16/64"	3-20/64"	3-5/16"	IXF40-5	59.50	7"	7-4/64"	7-1/16"	IXF96-8	POR	
	3-20/64"	3-24/64"	3-3/8"	IXF40-6	59.50	7-4/64"	7-8/64"	7-1/8"	IXF96-9	POR	
	3-24/64"	3-28/64"	3-7/16"	IXF40-7	59.50	7-8/64"	7-12/64"	7-3/16"	IXF96-10	POR	
	3-28/64"	3-32/64"	3-1/2"	IXF40-8	59.50	7-12/64"	7-16/64"	7-1/4"	IXF96-11	POR	
					7-16/64"	7-20/64"	7-5/16"	IXF96-12	POR		
					7-18/64"	7-22/64"	7-11/32"	IXF96-13	POR		
					7-20/64"	7-24/64"	7-3/8"	IXF96-14	POR		

M

¹ for hoses using ferrule sizes IXF48-3 thru IXF48-5 and IXF64-2 thru IXF64-5, consult Dixon for working pressures

Internally Expanded Permanent Couplings - Scovill Style

 Do not interchange with other manufacturer's fittings.

Applications:

- Recommended for discharge and suction service; commonly used in the transfer of fuel to homes, airplanes, ships, etc.
- fittings are intended for fuel delivery service, see page 425 for information on API 1529 certification

Features:

- male and female stems are machined from bar stock or solid brass forgings; ferrules are available in brass and stainless steel
- compact, lightweight and streamlined to eliminate catching on curbs and shrubs
- stems and ferrules are designed to be used together as a coupling system
- stem is expanded to nominal ID of hose for a rigid, uniform, full-flow area
- all fittings have octagonal facets for tightening with a wrench; females in 1½" and larger sizes have lugs for tightening
- pre-lubricated for assembly
- designed for internal expansion only
- hand and electrically operated installation equipment is available, consult Dixon for pricing and availability
- working pressure varies with the size of the fitting, the size and construction of the hose and the media being conveyed, consult Dixon for recommendations



Hose ID	male NPT		male NST		female NPSH		female NST		grooved	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	H5192	\$23.85	---	---	H5191-BU	\$41.00	---	---	---	---
1"	H5212-A	26.35	H5212NST	\$26.50	H5211-A-BU	43.75	H5211NST	\$51.75	G5212	\$32.55
1¼"	H5222-A	35.10	---	---	H5221-A-BU	50.80	---	---	---	---
1⅝"	H5272 ¹	41.00	---	---	H5271-BU ¹	79.20	---	---	---	---
1½"	H5232-A	42.50	H5232NST	42.05	H5231-A-BU	78.60	H5231NST ²	83.60	G5232	59.20
2"	H5242	81.70	---	---	H5241-BU	137.90	---	---	G5242	80.50
2½"	H5252	138.00	---	---	H5251 ³	215.00	---	---	G5252	138.00
3"	H5262	185.00	---	---	H5261 ³	282.00	---	---	---	---

¹ 1-3/8" stem has 1½" thread

² 1½" NST requires special adapter, part # H5231NSTADT

³ 2½" and 3" parts have female NPSM thread

M

520-H Ferrules



Feature:

- Eliminates the need for a large stock of coupling bodies. With a wide range of sizes available, you can build the perfect assembly of a coupling to a corresponding hose size with commercial tolerances, regardless of wall thickness

Hose ID	Hose OD		Brass		Hose ID	Hose OD		Brass		Hose ID	Hose OD		Brass	
	From:	To:	Part #	Price/E		From:	To:	Part #	Price/E		From:	To:	Part #	Price/E
¾"	1-4/64"	1-7/64"	R75AAAS	\$8.55	1⅝"	1-47/64"	1-50/64"	R1375BS	\$17.30	2"	2-27/64"	2-30/64"	R2AAS	\$32.80
	1-8/64"	1-11/64"	R75AAS	8.55		1-51/64"	1-54/64"	R1375CS	17.30		2-31/64"	2-34/64"	R2AS	32.80
	1-12/64"	1-14/64"	R75AS	8.55		1-55/64"	1-58/64"	R1375DS	17.30		2-35/64"	2-38/64"	R2BS	32.80
	1-15/64"	1-17/64"	R75BS	8.55		1-59/64"	1-62/64"	R1375ES	17.30		2-39/64"	2-42/64"	R2CS	32.80
	1-18/64"	1-20/64"	R75CS	8.55		1-54/64"	1-57/64"	R15AAAS-A	17.55		2-43/64"	2-46/64"	R2DS	32.80
1"	1-24/64"	1-26/64"	R1AAAS-A	9.85	1-58/64"	1-62/64"	R15AAS-A	17.55	2-47/64"		2-50/64"	R2ES	32.80	
	1-27/64"	1-29/64"	R1AAS-A	9.85	1-63/64"	2-2/64"	R15AS-A	17.55	2-51/64"		2-54/64"	R2FS	32.80	
	1-30/64"	1-32/64"	R1AS-A	9.85	2-3/64"	2-6/64"	R15BS-A	17.55	2-62/64"		3-1/64"	R25AS	46.10	
	1-33/64"	1-35/64"	R1BS-A	9.85	2-7/64"	2-11/64"	R15CS-A	17.55	3-2/64"		3-6/64"	R25BS	46.10	
	1-36/64"	1-38/64"	R1CS-A	9.85	2-12/64"	2-14/64"	R15DS-A	17.55	3-7/64"		3-11/64"	R25CS	46.10	
	1-39/64"	1-41/64"	R1DS-A	9.85	2-15/64"	2-19/64"	R15ES-A	17.55	3-12/64"	3-16/64"	R25DS	46.10		
1¼"	1-42/64"	1-44/64"	R1ES-A	9.85	2-20/64"	2-24/64"	R15FS ¹	17.55	3-17/64"	3-21/64"	R25ES	46.10		
	1-39/64"	1-42/64"	R125AAS-A	14.70	2-25/64"	2-28/64"	R15GS ¹	17.55	3-22/64"	3-26/64"	R25FS	46.10		
	1-43/64"	1-46/64"	R125AS-A	14.70					3-30/64"	3-34/64"	R3AAAS	62.90		
	1-47/64"	1-50/64"	R125BS-A	14.70					3-35/64"	3-39/64"	R3AAS	62.90		
	1-51/64"	1-54/64"	R125CS-A	14.70					3-40/64"	3-45/64"	R3AS	62.90		
	1-55/64"	1-58/64"	R125DS-A	14.70					3-46/64"	3-50/64"	R3BS	62.90		
	1-59/64"	1-62/64"	R125ES ¹	14.70					3-51/64"	3-54/64"	R3CS	62.90		

¹ will be replaced by API ferrules

API Certified Permanently Attached Petroleum Couplings

Feature:

- Tested and compliant with API 1529 6th edition. Coupling procedures, ferrule recommendations and API test data are available upon request, please contact Dixon.

520-H series male thread

Hose Size	Thread Type	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
1"	NPT	H5212-A	\$26.35	---	---
1¼"	NPT	H5222-A	35.10	---	---
1½"	NPT	H5232-A	42.50	---	---
2"	NPT	H5242L-A	81.70	A5242L-A ¹	\$55.00
2½"	NPT	H5252L-A	138.00	A5252L-A ¹	95.00
3"	NPT	H5262L-A	185.00	A5262L-A ¹	115.00
4"	NPT	H5282L-A	330.00	---	---



- ¹ requires a special thrust plate
 2" **25000HTL24**
 2½" **25000HTL25**
 3" **25000HTL26**

520-H series female thread

Hose Size	Thread Type	Brass	
		Part #	Price/E
1"	NPSH	H5211-A-BU	\$43.75
1¼"	NPSH	H5221-A-BU	50.80
1½"	NPSH	H5231-A-BU	78.60
2"	NPSH	H5241L-A-BU	137.90
2½"	NPSM	H5251L-A-BU	215.00
3"	NPSM	H5261L-A-BU	282.00
4"	NPSM	H5281L-A-BU	415.00



API 520-H Series Ferrules



Hose ID	Hose OD		Brass		Size	Hose OD		304 Stainless Steel		Aluminum	
	From:	To:	Part #	Price/E		From:	To:	Part #	Price/E	Part #	Price/E
1"	1-24/64"	1-26/64"	R1AAAS-A	\$9.85	2"	2-31/64"	2-34/64"	R2ASS-A	\$28.35	R2AAL-A	\$20.00
	1-27/64"	1-29/64"	R1AAS-A	9.85		2-35/64"	2-38/64"	R2BSS-A	28.35	R2BAL-A	20.00
	1-30/64"	1-32/64"	R1AS-A	9.85		2-39/64"	2-42/64"	R2CSS-A	28.35	R2CAL-A	20.00
	1-33/64"	1-35/64"	R1BS-A	9.85		2-43/64"	2-46/64"	R2DSS-A	28.35	R2DAL-A	20.00
	1-36/64"	1-38/64"	R1CS-A	9.85		2-47/64"	2-50/64"	R2ESS-A	28.35	R2EAL-A	20.00
	1-39/64"	1-41/64"	R1DS-A	9.85		2-62/64"	3-1/64"	R25ASS-A	42.25	R25AAL-A	30.00
	1-42/64"	1-44/64"	R1ES-A	9.85		3-2/64"	3-6/64"	R25BSS-A	42.25	R25BAL-A	30.00
1¼"	1-39/64"	1-42/64"	R125AAS-A	14.70	3-7/64"	3-11/64"	R25CSS-A	42.25	R25CAL-A	30.00	
	1-43/64"	1-46/64"	R125AS-A	14.70	3-12/64"	3-16/64"	R25DSS-A	42.25	R25DAL-A	30.00	
	1-47/64"	1-50/64"	R125BS-A	14.70	3-17/64"	3-21/64"	R25ESS-A	42.25	R25EAL-A	30.00	
	1-51/64"	1-54/64"	R125CS-A	14.70	3-35/64"	3-39/64"	R3AASS-A	49.25	R3AAAL-A	35.00	
	1-55/64"	1-58/64"	R125DS-A	14.70	3-40/64"	3-45/64"	R3ASS-A	49.25	R3AAL-A	35.00	
	1-59/64"	1-62/64"	R125ES-A	14.70	3-46/64"	3-50/64"	R3BSS-A	49.25	R3BAL-A	35.00	
1½"	1-54/64"	1-57/64"	R15AAAS-A	17.55	3-51/64"	3-54/64"	R3CSS-A	49.25	R3CAL-A	35.00	
	1-58/64"	1-62/64"	R15AAS-A	17.55	3-55/64"	3-59/64"	R3DSS-A	49.25	R3DAL-A	35.00	
	1-63/64"	2-2/64"	R15AS-A	17.55	4-46/64"	4-48/64"	R4ESS-A	164.00	---	---	
	2-3/64"	2-6/64"	R15BS-A	17.55	4-49/64"	4-51/64"	R4FSS-A	164.00	---	---	
	2-7/64"	2-11/64"	R15CS-A	17.55	4-52/64"	4-54/64"	R4GSS-A	164.00	---	---	
	2-12/64"	2-14/64"	R15DS-A	17.55	4-55/64"	4-57/64"	R4HSS-A	164.00	---	---	
	2-15/64"	2-19/64"	R15ES-A	17.55	4-58/64"	4-59/64"	R4KSS-A	164.00	---	---	
					4-60/64"	4-62/64"	R4LSS-A	164.00	---	---	
				4-63/64"	5"	R4MSS-A	164.00	---	---		

Replacement Washers

Feature:

- for use with 520-H series female internally expanded permanent couplings on pages 424 and 425



Size	Buna	
	Part #	Price/E
3/4"	H5071-BU	\$1.20
1"	H5072-BU	1.20
1 1/4"	H5073-BU	1.20
1 1/2"	H5074-BU	1.20
2"	H5075-BU	1.30
2 1/2"	H5076-BU	1.30
3"	H5077-BU	1.35
4"	H5078-BU	1.80

Permanent Couplings for Pump Hose

Application:

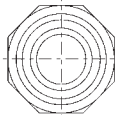
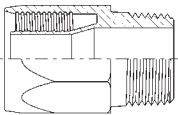
Economical and trouble-free couplings for gas pump hose.

Features:

- serrations on the stem imbed in the hose eliminating wicking and leakage
- shell extends beyond the stem preventing cutting of interior walls; tapered ends of stem and shell protect hose when flexed
- provide tamper-proof static connection which cannot be broken without completely damaging coupling and hose
- internal expansion of stem to nominal ID of hose provides full flow
- broad, firm grip of coupling extends hose life by making it possible for hose to withstand more flexings
- Hand and electrically operated installation equipment is available; consult Dixon for pricing and availability.
- Underwriters Listed approved
- *Reattach static wire if required.*



M



Hose ID	Male NPT	Hose OD	Chrome Plated Brass	
			Part #	Price/E
5/8"	3/4"	1"	H5741	\$15.15
5/8"	3/4"	1-1/32"	H5742	15.15
3/4"	3/4"	1-9/64"	H5751	17.10
3/4"	3/4"	1-11/64"	H5752	17.10
3/4"	3/4"	1-13/64"	H5753	27.10
3/4"	3/4"	1-7/32"	H5754	27.10
3/4"	3/4"	1-17/64"	H5755 ¹	27.10
1"	1"	1-25/64"	H5771	31.40
1"	1"	1-29/64"	H5772	31.40
1"	1"	1-1/2"	H5773	31.40
1"	1"	1-9/16"	H5774	31.40

¹ thrust plate required **2500HTL15**

HB Coupling Expander Machine



Features:

- hand operated, pull-through type expander
- for use in a fixed location for small production runs or as a portable repair type expander
- attaches sizes 3/4" through 2" of the 520-H Series couplings, and all sizes of 570-H and 580-H Series couplings
- expander tooling sold separately

Part #	Price/E
2500HB0000	\$3180.00

Dubl-Grip® Re-attachable Couplings for Curb Pump Hose

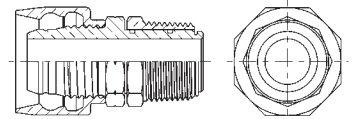
Features:

- two-piece construction
- streamlined design prevents damage to hose and fits well on new pump equipment
- wide, flat surfaces of body threads protect inside of hose from breaking
- tapered surface of sleeve and body cradle hose preventing one-point strain from flexing
- Hose is gripped on its full circumference in two places, ensuring a rigid leakproof connection.
- re-attachable: worn portion of hose can be removed and Dubl-Grip® can be reapplied
- easy assembly:
 - Hose is held in position by sleeve as body is threaded home.
 - Only a wrench is required to assemble the Dubl-Grip®.
- Underwriters Listed approved
- *Reattach static wire if required.*



H-600 Series Dubl-Grip® Swivel Re-attachables

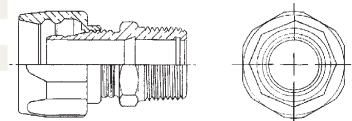
Hose ID	Male NPT	Hose OD	Chrome Plated Brass	
			Part #	Price/E
3/4"	3/4"	1-1/8"	H603	\$37.50
3/4"	3/4"	1-13/64"	H604	37.50
3/4"	3/4"	1-1/4"	H605	37.50
1"	1"	1-3/8"	H609 ¹	58.00
1"	1"	1-7/16"	H610 ¹	58.00
1"	1"	1-1/2"	H611 ¹	58.00



¹ octagonal shape

Dubl-Grip® Re-attachables

Hose ID	Male NPT	Hose OD	Chrome Plated Brass	
			Part #	Price/E
5/8"	3/4"	1"	850212	\$20.50
5/8"	3/4"	1-1/32"	850213	20.50
3/4"	3/4"	1-1/8"	850451	27.90
3/4"	3/4"	1-13/64"	850455	27.90
3/4"	3/4"	1-1/4"	850453	27.90
1"	1"	1-3/8"	850841 ¹	43.20
1"	1"	1-7/16"	850801 ¹	43.20
1"	1"	1-1/2"	850811 ¹	43.20



¹ octagonal shape



CIP Internal Expansion (IX) Sanitary Style Hose Couplings

Application:

- Flow Chief Sanitary fittings are used in the food, dairy and beverage industries.

Features:

- Clean-In-Place (CIP) compliant
- Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.

Sanitary Clamp End Stems

Features:

- 3A compliant when assembled by 3A authorized hose shop
- special plug is required to expand CIP compliant fittings
- special adapter plate is required to expand 1½" CIP compliant fittings
- see pages 446-452 for sanitary style gaskets
- see pages 432-433 for sanitary style clamps



Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXSE24-3A	\$173.50
2"	IXSE32-3A	195.00
3"	IXSE48-3A	350.00

Tube Weld End Stem

Feature:

- special plug is required to expand CIP compliant fittings



Size	304 Stainless Steel	
	Part #	Price/E
2"	IXPE32-3A	\$175.00

Special Expansion Plug for CIP Compliant IX Fittings



Hose Size	304 Stainless Steel	
	Part #	
1½"	IXFDPLG137	
2"	IXFDPLG187	
3"	IXFDPLG287	

M

Flow Chief Ferrules

Feature:

- ferrule ID's are designed in increments of 1/16"



Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½" ¹	1-56/64"	1-59/64"	24PFX1.937	\$105.50
	1-60/64"	1-63/64"	24PFX2.000	105.50
	2"	2-3/64"	24PFX2.062	105.50
	2-4/64"	2-7/64"	24PFX2.125	105.50
	2-8/64"	2-11/64"	24PFX2.187	105.50
	2-12/64"	2-15/64"	24PFX2.250	105.50
2" ¹	2-16/64"	2-19/64"	24PFX2.312 ²	105.50
	2-28/64"	2-31/64"	32PFX2.500	108.00
	2-32/64"	2-35/64"	32PFX2.562	108.00
	2-36/64"	2-39/64"	32PFX2.625	108.00
	2-40/64"	2-43/64"	32PFX2.687	108.00
	2-44/64"	2-47/64"	32PFX2.750	108.00
	2-48/64"	2-51/64"	32PFX2.812	108.00
	2-52/64"	2-55/64"	32PFX2.875	108.00
	2-56/64"	2-59/64"	32PFX2.937	108.00
	2½"	3"	3-3/64"	40PFX3.062
3-4/64"		3-7/64"	40PFX3.125	151.00
3-8/64"		3-11/64"	40PFX3.187	151.00
3-12/64"		3-15/64"	40PFX3.250	151.00
3-16/64"		3-19/64"	40PFX3.312	151.00
3-20/64"		3-23/64"	40PFX3.375	151.00
3-28/64"		3-31/64"	40PFX3.500	151.00

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
3"	3-32/64"	3-35/64"	48PFX3.562	\$172.50
	3-36/64"	3-39/64"	48PFX3.625	172.50
	3-40/64"	3-43/64"	48PFX3.687	172.50
	3-44/64"	3-47/64"	48PFX3.750	172.50
	3-48/64"	3-51/64"	48PFX3.812	172.50
	3-52/64"	3-55/64"	48PFX3.875	172.50
	3-56/64"	3-59/64"	48PFX3.937	172.50
	3-60/64"	3-63/64"	48PFX4.000	172.50
	4"	4-3/64"	48PFX4.062	172.50
	4-4/64"	4-7/64"	48PFX4.125	172.50
4"	4-36/64"	4-39/64"	64PFX4.625	235.00
	4-40/64"	4-43/64"	64PFX4.687	235.00
	4-44/64"	4-47/64"	64PFX4.750	235.00
	4-48/64"	4-51/64"	64PFX4.812	235.00
	4-52/64"	4-55/64"	64PFX4.875	235.00
	4-56/64"	4-59/64"	64PFX4.937	235.00

¹ 1½" and 2" ferrules do not have serrations on the ID

² consult Dixon for working pressure

Internal Expansion (IX) Sanitary Style Hose Couplings

Features:

- clamp end x hose shank
- Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.
- see pages 446-452 for sanitary style gaskets
- see pages 432-433 for sanitary style clamps

Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXSE24	\$138.40
2"	IXSE32	169.00
2½"	IXSE40	270.00
3"	IXSE48	350.50
4"	IXSE64	470.00



Internal Expansion (IX) Male NPT Hose Couplings

Feature:

- Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.

Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXMS24	\$186.35
2"	IXMS32	180.00
2½"	IXMS40	230.00
3"	IXMS48	351.00
4"	IXMS64	500.00



Internal Expansion (IX) Bevel Seat Hose Couplings

Features:

- Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.
- see page 460 for bevel seat gaskets



Female Shank

Feature:

- only use with the IXAN nuts shown below

Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXFS24	\$154.35
2"	IXFS32	210.10
2"	IXFS32-3A ¹	215.00
2½"	IXFS40	236.90
3"	IXFS48	375.00
4"	IXFS64	395.00



¹ must use plug part # IXFDPLG187

Threaded Hex Nuts

series 13H (modified)

Size	304 Stainless Steel	
	Part #	Price/E
1½"	IXAN24	\$37.10
2"	IXAN32	49.10
2½"	IXAN40	73.00
3"	IXAN48	92.25
4"	IXAN64	155.00



Dixon Sanitary Style Crimp Stems Clamp End x Hose Shank

Features:

- sanitary style end
- Dixon sanitary crimp stems are only to be used with Dixon sanitary stainless steel crimp ferrules
- reference pages 841-842 for crimp recommendations



Size	316 Stainless Steel	
	Part #	Price/E
1"	CSSR100	\$75.60
1½"	CSSR150	77.85
2"	CSSR200	135.50
3"	CSSR300	302.60
4"	CSSR400	562.85

Female Bevel Seat End x Hose Shank



Size	Nut Used	316 Stainless Steel	
		Part #	Price/E
1"	13H-G100	CBSR100	\$75.60
1½"	IXAN24	CBSR150	77.85
2"	IXAN32	CBSR200	135.50
3"	IXAN300	CBSR300	302.10
4"	IXAN64	CBSR400	562.85

Female I-Line End x Hose Shank



Size	316 Stainless Steel	
	Part #	Price/E
1½"	CILR150	\$77.85
2"	CILR200	135.50
3"	CILR300	302.10
4"	CILR400	562.85

M

Tube Weld End x Hose Shank



Size	316 Stainless Steel	
	Part #	Price/E
1½"	CTER150	\$77.85
2"	CTER200	135.50
3"	CTER300	302.10
4"	CTER400	562.85

Holedall DIN External Crimp Stems Male Stem



Size	316 Stainless Steel	
	Part #	Price/E
1½"	HA0235	\$98.95
2"	HA0236	138.50
3"	HA0238	250.10

Female Stem



Size	316 Stainless Steel	
	Part #	Price/E
1½"	HA0240	\$88.30
2"	HA0241	127.80
3"	HA0243	239.75

Dixon Sanitary Crimp Ferrules

Features:

- AISI 304 stainless steel
- ferrules have a surface finish of 63 or better

Hose ID	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1"	1-26/64"	1-28/64"	F16G-1453	\$51.50
	1-29/64"	1-31/64"	F16G-1500	51.50
	1-32/64"	1-34/64"	F16G-1547	51.50
	1-35/64"	1-37/64"	F16G-1594	51.50
	1-38/64"	1-40/64"	F16G-1641	51.50
1½"	1-58/64"	1-61/64"	F24G-1969	59.45
	1-62/64"	2-1/64"	F24G-2031	59.45
	2-2/64"	2-5/64"	F24G-2094	59.45
	2-6/64"	2-9/64"	F24G-2156	59.45
2"	2-30/64"	2-33/64"	F32G-2531	77.80
	2-34/64"	2-37/64"	F32G-2594	77.80
	2-38/64"	2-41/64"	F32G-2656	77.80
	2-42/64"	2-45/64"	F32G-2719	77.80
	2-52/64"	2-55/64"	F32G-2875	77.80
3"	3-36/64"	3-39/64"	F48G-3625	208.00
	3-40/64"	3-43/64"	F48G-3688	208.00
	3-44/64"	3-47/64"	F48G-3750	208.00
	3-48/64"	3-51/64"	F48G-3813	208.00
	3-52/64"	3-55/64"	F48G-3875	208.00
	3-56/64"	3-59/64"	F48G-3938	208.00
4"	3-61/64"	4"	F48G-4016	208.00
	4-40/64"	4-43/64"	F64G-4688	409.15
	4-44/64"	4-47/64"	F64G-4750	409.15
	4-48/64"	4-51/64"	F64G-4813	409.15
	4-52/64"	4-55/64"	F64G-4875	409.15
	4-56/64"	4-59/64"	F64G-4938	409.15
	5-5/64"	5-8/64"	F64G-5141	409.15



DIN Round Nut - 13R

Tube OD	DN Size	304 Stainless Steel	
		Part #	Price/E
1"	25	13R-G100DIN	\$35.80
1½"	40	13R-G150DIN	44.60
2"	50	13R-G200DIN	57.05
2½"	65	13R-G250DIN	77.25
3"	80	13R-G300DIN	118.65
4"	100	13R-G400DIN	138.50



M

King Crimp Sanitary Stems

Features:

- to be used with Dixon King Crimp sleeves and/or ferrules
- wetted surfaces meet governmental and independent regulatory standards



Hose ID	316 Stainless Steel	
	Part #	Price/E
1"	CSSR100CS	\$75.60
1½"	CSSR150CS	77.85
2"	CSSR200CS	135.50
3"	CSSR300CS	302.60
4"	CSSR400CS	562.85



 Use only with King Crimp sleeves and/or ferrules on page 14-17.

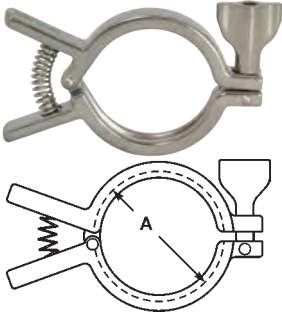
Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Clamps

Service pressure ratings are based on the following parameters: matching elastomer gaskets and weld ferrules properly aligned and assembled with the clamps tightened to the required torque (**25 in. lbs.**). Tests are done hydrostatically with no water hammer or shock loads. Please note the pressure ratings of the described unions are above the recommended pipe line operating pressures.



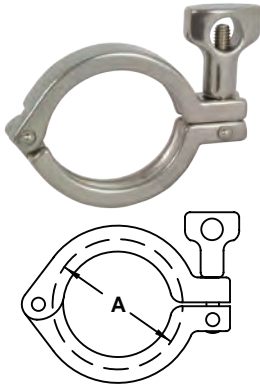
"A Tale of Two Clamps" YouTube Link
<http://www.youtu.be/LEwAjHaW5II>



Single Pin Squeeze Clamps - 13MHHM-Q

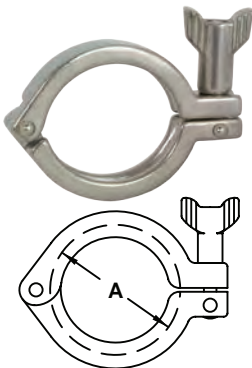
Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM-Q75	\$30.25
1" - 1 1/2"	500	300	2.122"	13MHHM-Q100150	37.20
2"	450	250	2.654"	13MHHM-Q200	43.55
2 1/2"	400	200	3.185"	13MHHM-Q250	56.20
3"	350	175	3.717"	13MHHM-Q300	58.95
4"	300	150	4.820"	13MHHM-Q400	68.45

Single Pin Heavy Duty Clamps - 13MHHM with cross hole wing nut



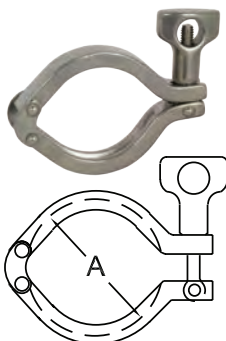
Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75	\$8.70
1" - 1 1/2"	500	300	2.122"	13MHHM100-150	15.55
2"	450	250	2.654"	13MHHM200	16.80
2 1/2"	400	200	3.185"	13MHHM250	19.20
3"	350	175	3.717"	13MHHM300	21.00
4"	300	150	4.820"	13MHHM400	26.45
5"	225	100	5.820"	13MHHM500	75.20
6"	150	75	6.695"	13MHHM600	56.55
8"	100	50	8.695"	13MHHM800	81.20

Single Pin Heavy Duty Clamps - 13MHHM***SN with serrated wing nut



Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75SN	\$8.70
1" - 1 1/2"	500	300	2.122"	13MHHM100-150SN	15.55
2"	450	250	2.654"	13MHHM200SN	16.80
2 1/2"	400	200	3.185"	13MHHM250SN	19.20
3"	350	175	3.717"	13MHHM300SN	21.00
4"	300	150	4.820"	13MHHM400SN	26.45
5"	225	100	5.820"	13MHHM500SN	75.20
6"	150	75	6.695"	13MHHM600SN	56.55
8"	100	50	8.695"	13MHHM800SN	81.20

Double Pin Heavy Duty Clamps - 13MHHM-DP



Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1" - 1 1/2"	500	300	2.122"	13MHHM-DP100150	\$19.35
2"	450	250	2.654"	13MHHM-DP200	22.00
2 1/2"	400	200	3.185"	13MHHM-DP250	25.45
3"	350	175	3.717"	13MHHM-DP300	28.65
4"	300	150	4.820"	13MHHM-DP400	34.95
10"	100	50	10.740"	13MHHM-DP1000	262.80

¹ wing nut tightened to 25 in. lb. of torque

Clamps

Three Segment Clamps - 13MHMM-3P

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
1" - 1½"	600	300	2.122"	13MHMM-3P100150	\$27.25
2"	550	275	2.654"	13MHMM-3P200	31.05
2½"	450	225	3.185"	13MHMM-3P250	37.25
3"	350	175	3.717"	13MHMM-3P300	41.65
4"	300	150	4.820"	13MHMM-3P400	52.85
12"	75	50	12.740"	13MHMM-3P1200	632.45

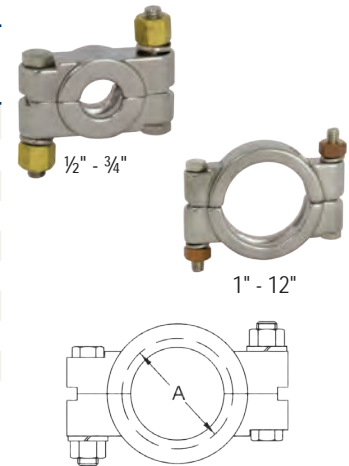
¹ wing nut should be tightened to 25 in. lb. of torque



Bolted Clamps - 13MHP

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	Stainless Steel	
				Part #	Price/E
½" - ¾"	1500	1200	1.062"	13MHP75	\$27.90
1" - 1½"	1500	1200	2.046"	13MHP100-150	30.45
2"	1000	800	2.578"	13MHP200	37.95
2½"	1000	800	3.110"	13MHP250	41.40
3"	1000	800	3.640"	13MHP300	50.40
4"	800	600	4.744"	13MHP400	56.95
6"	300	200	6.632"	13MHP600	92.65
8"	250	150	8.638"	13MHP800	251.60
10"	200	125	10.740"	13MHP1000	385.60
12"	150	100	12.740"	13MHP1200	434.80

¹ nuts should be tightened to 20 ft. lbs. of torque



Toggle Clamps - 13MHLA

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	150	125	2.122"	13MHLA100-150	\$50.95
2"	150	125	2.654"	13MHLA200	53.35
2½"	150	125	3.185"	13MHLA250	57.35
3"	150	125	3.717"	13MHLA300	91.15
4"	100	75	4.820"	13MHLA400	96.85

¹ screw tightened to maximum



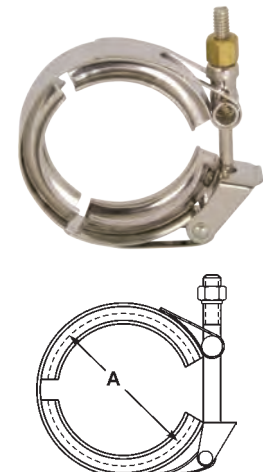
N

T-bolt Clamps - 13MO

Tube OD	Service Pressure Rating @ 70°F ²	Service Pressure Rating @ 250°F ²	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	500	250	2.080"	13MO100-150	\$33.50
2"	350	200	2.610"	13MO200	36.85
2½"	300	150	3.140"	13MO250	45.20
3"	200	100	3.670"	13MO300	46.05
4"	100	75	4.780"	13MO400	64.60
6"	75	50	6.690"	13MO600	89.40
8" ¹	50	40	8.690"	13MO800	133.30
10" ¹	40	30	10.690"	13MO1000	168.50
12" ¹	30	25	12.690"	13MO1200	224.20

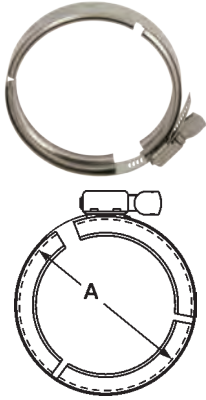
¹ 2 bolt configuration

² 1" - 3" nuts tightened to 20 in. lb., 4" nut tightened to 30 in. lb., 6" nut tightened to 40 in. lb. and 8" - 12" nuts tightened to 50 in. lb. of torque



Clamps

Dairy Clamps - 13WGC

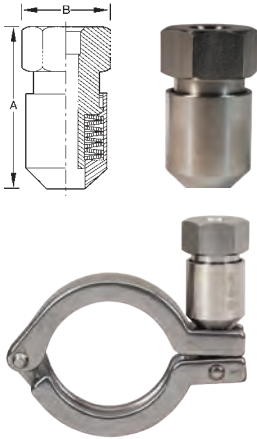


Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	100	75	2.080"	13WGC100-150	\$12.50
2"	100	75	2.610"	13WGC200	13.05
2½"	100	75	3.140"	13WGC250	16.00
3"	100	75	3.670"	13WGC300	17.30
4"	100	75	4.780"	13WGC400	20.50

¹ finger tight

Accessories

Spring Loaded Nut - 13SLN



Features:

- Beneficial for lines using PTFE gaskets that are subject to large temperature swings, as the PTFE is compressed through the cycling of the lines, the spring load will help keep the connection from leaking.
- If the lines suffer from vibration and bolted clamps are not an option, refitting single pin clamps with this nut will keep the connections from leaking for a longer time than with standard wing nuts.
- Spring loaded nuts can add a level of insurance to shipments, of transported material in tanks via truck, where vibrations can loosen the standard single pin clamps.
- can be used on all wing nut style clamps
- torque to 50 in. lb.

Thread	Dimension A	Dimension B	304 Stainless Steel	
			Part #	Price/E
5/16 - 18	1.73"	.875"	13SLN	\$88.90

Torque-Rite® Nuts - 13TR

Features:

- an audible "click" indicates correct inch/pounds force
- maintains constant 30 or 50 inch/pounds force
- manual override feature
- retrofits all sanitary clamps, ¾" through 12"
- works in rupture disk applications
- no torque wrench or special training required



Description	Part #	Price/E
Torque-Rite® 30 in. lb nut	13TR-30	\$309.25
Torque-Rite® 50 in. lb nut	13TR-50	309.25

Nuts and Bolts

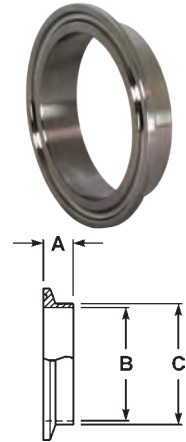


Description	Part #	Price/E
cross hole wing nut 5/16"-18	13WNX	\$11.40
mini cross hole wing nut 5/16"-18, for ½" - ¾" clamps	13WNXM	11.40
serrated wing nut 5/16"-18	13WNS	11.40
hex wing nut 5/16"-18	13WNH	7.60
bronze hex nut 3/8"-16, for bolted clamps	13BN	2.85
bolt 3/8"-16 x 2¼", for 1½" bolted clamps	13CB-2.25	9.25
bolt 3/8"-16 x 2¾", for 2" and 2½" bolted clamps	13CB-2.75	9.25
bolt 3/8"-16 x 3¼", for 3" - 12" bolted clamps	13CB-3.25	9.25
rivet pin, for ½" - 5" single pin clamps 5/16" x 1"	13RP	4.30
rivet pin, for 6" and 8" single pin clamps 5/16" x 1-1/8"	13RP6	5.30
5/16"-18 x 2" threaded eye bolt, for ½" - 5" clamps	13IB	3.55
5/16"-18 x 2½" threaded eye bolt, for 6" - 12" clamps	13IB6	3.55
brass 3/8"-16 nuts, for 10" and 12" bolted clamps	13BNH	4.25
stainless steel hex nut, for bolted clamps	13SN	3.65
¾" lockwasher 304 stainless steel, for bolted clamps	13LW	1.85

Clamp Ferrules

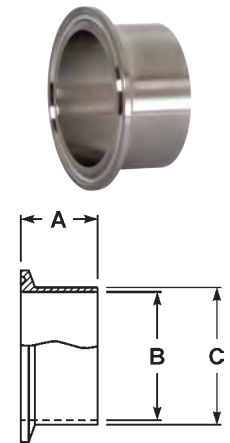
Short Weld Ferrules - 14WMP

Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
½"	.500"	.370"	.500"	14WMP-G50	\$6.90	14WMP-R50	\$8.95
¾"	.500"	.620"	.750"	14WMP-G75	6.90	14WMP-R75	8.95
1"	.500"	.870"	1.000"	14WMP-G100	7.10	14WMP-R100	9.05
1½"	.500"	1.370"	1.500"	14WMP-G150	7.10	14WMP-R150	9.05
2"	.500"	1.870"	2.000"	14WMP-G200	8.50	14WMP-R200	11.10
2½"	.500"	2.370"	2.500"	14WMP-G250	12.20	14WMP-R250	17.55
3"	.500"	2.870"	3.000"	14WMP-G300	16.05	14WMP-R300	21.20
4"	.625"	3.834"	4.000"	14WMP-G400	25.50	14WMP-R400	31.50
5"	.750"	4.782"	5.000"	14WMP-G500	326.15	14WMP-R500	361.45
6"	.875"	5.782"	6.000"	14WMP-G600	112.25	14WMP-R600	135.05
8"	.875"	7.760"	8.000"	14WMP-G800	140.45	14WMP-R800	228.85
10"	.875"	9.782"	10.000"	14WMP-G1000	348.50	14WMP-R1000	447.20
12"	.875"	11.760"	12.000"	14WMP-G1200	546.85	14WMP-R1200	743.45



Long Weld Ferrules - L14AM7

Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
½"	1.125"	.370"	.500"	L14AM7-G50	\$9.15	L14AM7-R50	\$11.75
¾"	1.125"	.620"	.750"	L14AM7-G75	9.15	L14AM7-R75	11.75
1"	1.125"	.870"	1.000"	L14AM7-G100	10.25	L14AM7-R100	13.45
1½"	1.125"	1.370"	1.500"	L14AM7-G150	10.25	L14AM7-R150	13.45
2"	1.125"	1.870"	2.000"	L14AM7-G200	12.90	L14AM7-R200	16.75
2½"	1.125"	2.370"	2.500"	L14AM7-G250	16.40	L14AM7-R250	25.20
3"	1.125"	2.870"	3.000"	L14AM7-G300	21.50	L14AM7-R300	30.30
4"	1.125"	3.834"	4.000"	L14AM7-G400	30.40	L14AM7-R400	40.70
6"	1.500"	5.782"	6.000"	L14AM7-G600	188.40	L14AM7-R600	216.60
8"	1.500"	7.760"	8.000"	L14AM7-G800	251.25	L14AM7-R800	446.05
10"	1.750"	9.782"	10.000"	L14AM7-G1000	530.60	L14AM7-R1000	734.65
12"	1.750"	11.760"	12.000"	L14AM7-G1200	810.95	L14AM7-R1200	990.35

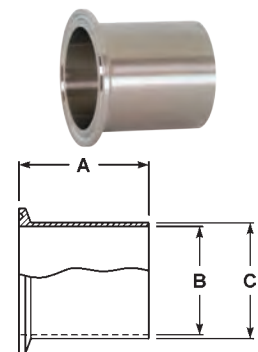


Automatic Weld Ferrules - TL14AM7

Specification:

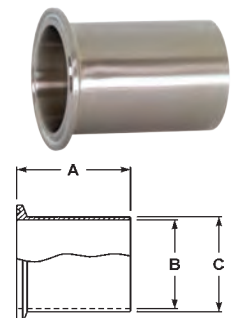
- meets ASME BPE-2012 specifications

Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
½"	1.750"	.370"	.500"	TL14AM7-050PL	\$26.45
¾"	1.750"	.620"	.750"	TL14AM7-075PL	26.45
1"	1.750"	.870"	1.000"	TL14AM7-100PL	26.55
1½"	1.750"	1.370"	1.500"	TL14AM7-150PL	28.05
2"	2.250"	1.870"	2.000"	TL14AM7-200PL	36.45
3"	2.250"	2.870"	3.000"	TL14AM7-300PL	76.35
4"	2.250"	3.834"	4.000"	TL14AM7-400PL	135.35



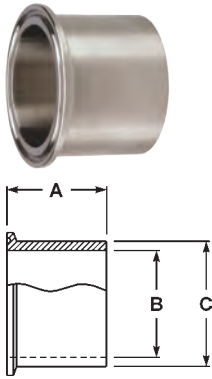
Tank Weld Ferrules (light duty) - 14WLMP

Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
1"	3.000"	.870"	1.000"	14WLMP-G100	\$30.65	14WLMP-R100	\$84.75
1½"	3.000"	1.370"	1.500"	14WLMP-G150	30.65	14WLMP-R150	84.75
2"	3.000"	1.870"	2.000"	14WLMP-G200	36.30	14WLMP-R200	103.50
2½"	3.000"	2.370"	2.500"	14WLMP-G250	53.10	14WLMP-R250	147.05
3"	4.000"	2.870"	3.000"	14WLMP-G300	62.50	14WLMP-R300	195.50
4"	4.000"	3.834"	4.000"	14WLMP-G400	103.70	14WLMP-R400	293.45
6"	6.000"	5.782"	6.000"	14WLMP-G600	382.95	14WLMP-R600	593.90



Clamp Ferrules

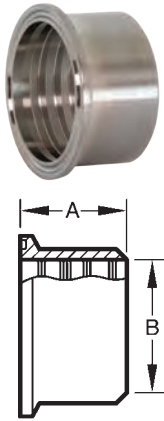
3 Tank Weld Ferrules (heavy duty) - 14MPW


Specification:

- certified ASME materials

Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
½"	1.625"	.321"	.502"	14MPW-R50	\$56.20
¾"	1.625"	.574"	.750"	14MPW-R75	56.20
1"	1.625"	.870"	1.160"	14MPW-R100	34.25
1½"	1.625"	1.370"	1.676"	14MPW-R150	34.25
2"	1.750"	1.870"	2.192"	14MPW-R200	43.50
2½"	1.750"	2.370"	2.708"	14MPW-R250	60.95
3"	1.813"	2.870"	3.224"	14MPW-R300	79.45
4"	2.125"	3.834"	4.256"	14MPW-R400	143.70
6"	2.500"	5.758"	6.192"	14MPW-R600	750.95

3¹ Roll-on Ferrules for Expanding - 14RMP

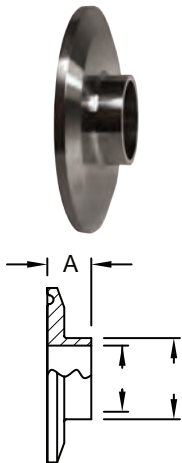


Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.750"	1.005"	14RMP-G100	\$12.35	14RMP-R100	\$37.65
1½"	1.125"	1.505"	14RMP-G150	15.65	14RMP-R150	23.80
2"	1.312"	2.005"	14RMP-G200	20.60	14RMP-R200	35.95
2½"	1.375"	2.505"	14RMP-G250	27.65	14RMP-R250	108.65
3"	1.437"	3.005"	14RMP-G300	32.65	14RMP-R300	96.30
4"	1.500"	4.005"	14RMP-G400	34.45	14RMP-R400	187.95

¹ Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

N

3 Reducing Ferrules - B31WMP



Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
2" x 1"	.500"	.870"	1.000"	B31WMP-G200100	\$140.65
2½" x 1½"	.500"	1.370"	1.500"	B31WMP-G250150	280.55
2½" x 2"	.500"	1.870"	2.000"	B31WMP-G250200	254.70
3" x 2"	.500"	1.870"	2.000"	B31WMP-G300200	307.00
4" x 3"	.625"	2.870"	3.000"	B31WMP-G400300	589.75

Clamp Caps

Solid End Caps - 16AMP 

- Specify if you are using a piping system or a tubing system when ordering.

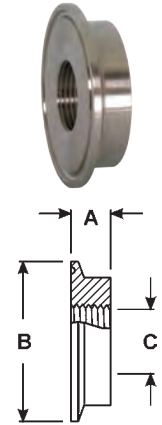
Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1/2" - 3/4"	.187"	.992"	16AMP-G50-75	\$5.60	16AMP-R50-75	\$8.25
1" - 1 1/2"	.250"	1.984"	16AMP-G100-150	7.70	16AMP-R100-150	9.40
2"	.250"	2.516"	16AMP-G200	8.60	16AMP-R200	12.20
2 1/2"	.250"	3.047"	16AMP-G250	12.85	16AMP-R250	18.05
3"	.250"	3.579"	16AMP-G300	17.60	16AMP-R300	23.90
4"	.312"	4.682"	16AMP-G400	32.70	16AMP-R400	45.85
5"	.312"	5.687"	16AMP-G500	525.00	16AMP-R500	596.40
6"	.437"	6.570"	16AMP-G600	125.80	16AMP-R600	155.25
8"	.437"	8.570"	16AMP-G800	296.45	16AMP-R800	347.55
10"	.437"	10.570"	16AMP-G1000	451.15	16AMP-R1000	885.65
12"	.437"	12.750"	16AMP-G1200	624.35	16AMP-R1200	1199.95



Thermometer Caps - B23BMP

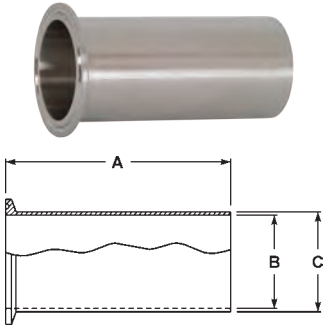
Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C ¹	Part #	Price/E	Part #	Price/E
1/2"	.500"	.993"	1/4" NPT	---	---	B23BMP-R5014	\$203.50
3/4"	.500"	.993"	1/4" NPT	---	---	B23BMP-R7514	240.30
1"	.625"	1.984"	1/2" NPT	B23BMP-G100	\$39.60	B23BMP-R100	50.25
1 1/2"	.625"	1.984"	3/4" NPT	B23BMP-G150	32.65	B23BMP-R150	50.25
2"	.625"	2.516"	3/4" NPT	B23BMP-G200	52.15	B23BMP-R200	66.70
2 1/2"	.625"	3.047"	3/4" NPT	B23BMP-G250	68.20	B23BMP-R250	108.20
3"	.625"	3.579"	3/4" NPT	B23BMP-G300	89.75	B23BMP-R300	116.00
4"	.625"	4.682"	3/4" NPT	B23BMP-G400	135.35	B23BMP-R400	179.50

¹ other NPT tap sizes available, call Dixon Sanitary



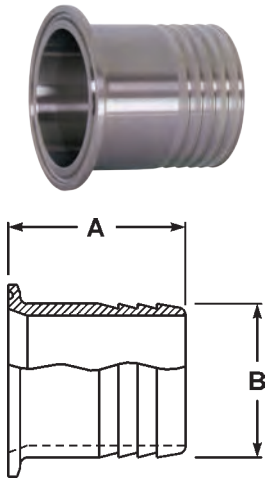
Clamp Adapters

Tygon® Hose Adapters - 14MPHT



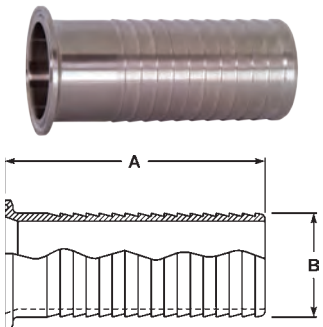
Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
¾"	4.000"	.620"	.750"	14MPHT-R75	\$188.35
1"	4.500"	.870"	1.000"	14MPHT-R100	64.20
1½"	4.500"	1.370"	1.500"	14MPHT-R150	64.20
2"	4.500"	1.870"	2.000"	14MPHT-R200	70.60
2½"	4.500"	2.370"	2.500"	14MPHT-R250	94.10
3"	4.500"	2.870"	3.000"	14MPHT-R300	117.40
4"	4.625"	3.834"	4.000"	14MPHT-R400	188.30

Rubber Hose Adapters - 14MPHR



Tube OD	Hose Size	Dimensions		304 Stainless Steel		316L Stainless Steel	
		A	B	Part #	Price/E	Part #	Price/E
½"	¼"	1.500"	.250"	---	---	14MPHR-R5025	121.95
½"	½"	1.500"	.500"	---	---	14MPHR-R50	89.90
½"	¾"	1.500"	.750"	---	---	14MPHR-R5075	121.95
¾"	¼"	1.500"	.250"	---	---	14MPHR-R7525	100.55
¾"	⅜"	1.500"	.375"	---	---	14MPHR-R75375	100.55
¾"	½"	1.500"	.500"	---	---	14MPHR-R7550	100.55
¾"	¾"	1.500"	.750"	---	---	14MPHR-R75	94.00
1"	⅜"	1.500"	.375"	---	---	14MPHR-R100375	182.65
1"	½"	1.500"	.500"	14MPHR-G10050	\$154.25	14MPHR-R10050	186.40
1"	¾"	1.688"	.750"	14MPHR-G10075	158.45	14MPHR-R10075	232.05
1"	1"	1.688"	1.000"	14MPHR-G100	38.05	14MPHR-R100	153.30
1½"	½"	1.500"	.500"	14MPHR-G15050	109.40	14MPHR-R15050	192.05
1½"	⅝"	1.500"	.625"	---	---	14MPHR-R150625	204.10
1½"	¾"	1.500"	.750"	14MPHR-G15075	109.40	14MPHR-R15075	192.05
1½"	1"	1.687"	1.000"	14MPHR-G150100	102.85	14MPHR-R150100	161.70
1½"	1½"	1.689"	1.500"	14MPHR-G150	44.75	14MPHR-R150	129.60
2"	1½"	2.312"	1.500"	14MPHR-G200150	199.55	14MPHR-R200150	274.65
2"	2"	2.312"	2.000"	14MPHR-G200	60.15	14MPHR-R200	148.85
2½"	2½"	2.344"	2.500"	14MPHR-G250	88.15	14MPHR-R250	251.55
3"	3"	3.094"	3.000"	14MPHR-G300	104.30	14MPHR-R300	299.45
4"	4"	3.406"	4.000"	14MPHR-G400	148.95	14MPHR-R400	623.40
6"	6"	3.406"	6.000"	14MPHR-G600	1204.90	14MPHR-R600	1807.00

Brewery Hose Barb Adapters - 14MPHRL



Feature:

- suitable for use with band clamps

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	3.500"	1.045"	14MPHRL100	\$56.60
1½"	5.000"	1.545"	14MPHRL150	64.20
2"	5.000"	2.045"	14MPHRL200	82.15
2½"	5.500"	2.545"	14MPHRL250	100.30
3"	5.500"	3.045"	14MPHRL300	132.05
4"	5.500"	4.045"	14MPHRL400	183.40

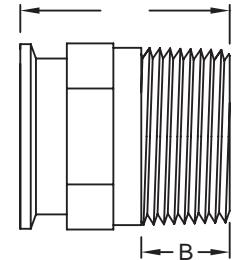


Use of PVC tubing requires special installation techniques to prevent leakage. All assembly work must be done with heated tube. Cold durometer is 90 as opposed to rubber hose at 65 to 70 durometer. Banding buckles must be at 180° from one another.

Clamp Adapters

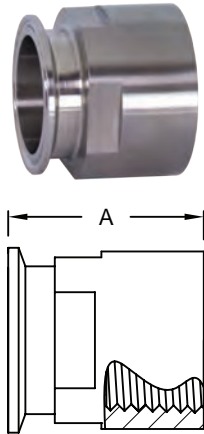
Clamp x Male NPT Adapters - 21MP

Tube OD	NPT Size	Dimensions		304 Stainless Steel		316L Stainless Steel	
		A	B	Part #	Price/E	Part #	Price/E
1/2"	1/4"	2.000"	.595"	---	---	21MP-R5025	\$85.80
1/2"	3/8"	2.000"	.600"	---	---	21MP-R50375	85.80
1/2"	1/2"	1.625"	.782"	---	---	21MP-R50	73.70
1/2"	3/4"	2.000"	.794"	---	---	21MP-R5075	104.60
3/4"	1/4"	2.000"	.595"	---	---	21MP-R7525	95.35
3/4"	3/8"	2.000"	.600"	---	---	21MP-R75375	151.35
3/4"	1/2"	2.000"	.782"	---	---	21MP-R7550	95.35
3/4"	3/4"	1.787"	.794"	---	---	21MP-R75	62.45
1"	1/2"	2.187"	.782"	21MP-G10050	\$132.25	21MP-R10050	144.80
1"	3/4"	2.187"	.794"	21MP-G10075	91.45	21MP-R10075	144.80
1"	1"	2.250"	.985"	21MP-G100	88.20	21MP-R100	103.30
1"	1 1/4"	2.438"	1.009"	21MP-G100125	191.75	21MP-R100125	207.75
1"	1 1/2"	2.438"	1.025"	21MP-G100150	182.20	21MP-R100150	208.05
1"	2"	2.625"	1.058"	21MP-G100200	303.25	21MP-R100200	532.35
1 1/2"	3/8"	2.187"	.600"	21MP-G150375	178.60	21MP-R150375	222.55
1 1/2"	1/2"	2.187"	.782"	21MP-G15050	141.40	21MP-R15050	162.80
1 1/2"	3/4"	2.187"	.794"	21MP-G15075	147.50	21MP-R15075	168.90
1 1/2"	1"	2.437"	.985"	21MP-G150100	91.05	21MP-R150100	99.75
1 1/2"	1 1/4"	2.438"	1.009"	21MP-G150125	160.80	21MP-R150125	175.60
1 1/2"	1 1/2"	2.250"	1.025"	21MP-G150	87.30	21MP-R150	101.90
1 1/2"	2"	2.625"	1.058"	21MP-G150200	203.05	21MP-R150200	333.55
2"	1/2"	2.188"	.782"	21MP-G20050	339.15	21MP-R20050	431.95
2"	3/4"	2.188"	.794"	21MP-G20075	284.40	21MP-R20075	365.60
2"	1"	2.469"	.985"	21MP-G200100	221.45	21MP-R200100	243.75
2"	1 1/2"	2.625"	1.009"	21MP-G200150	104.75	21MP-R200150	143.00
2"	2"	2.638"	1.058"	21MP-G200	105.45	21MP-R200	150.00
2 1/2"	1/2"	2.781"	.782"	21MP-G25050	628.70	21MP-R25050	763.25
2 1/2"	1"	2.781"	.782"	21MP-G250100	484.75	21MP-R250100	680.20
2 1/2"	1 1/2"	2.781"	1.025"	21MP-G250150	372.05	21MP-R250150	445.30
2 1/2"	2"	2.781"	1.058"	21MP-G250200	330.05	21MP-R250200	398.45
2 1/2"	2 1/2"	2.875"	1.571"	21MP-G250	203.20	21MP-R250	420.90
3"	1 1/2"	3.000"	1.009"	21MP-G300150	559.30	21MP-R300150	678.90
3"	2"	3.000"	1.058"	21MP-G300200	559.30	21MP-R300200	678.90
3"	3"	3.070"	1.634"	21MP-G300	182.35	21MP-R300	263.05
4"	4"	3.155"	1.734"	21MP-G400	272.60	21MP-R400	592.65



Clamp Adapters

Clamp x Female NPT Adapters - 22MP



Tube OD	NPT Size	Dimension A	304 Stainless Steel		316L Stainless Steel	
			Part #	Price/E	Part #	Price/E
1/2"	1/4"	1.500"	---	---	22MP-R5025	\$66.50
1/2"	3/8"	1.500"	---	---	22MP-R50375	180.70
1/2"	1/2"	1.500"	---	---	22MP-R50	73.30
1/2"	3/4"	1.500"	---	---	22MP-R5075	180.70
3/4"	1/4"	1.500"	---	---	22MP-R7525	193.20
3/4"	1/2"	1.625"	---	---	22MP-R7550	145.50
3/4"	3/4"	1.625"	---	---	22MP-R75	71.85
1"	1/4"	1.625"	---	---	22MP-R10025	241.05
1"	1/2"	1.625"	22MP-G10050	\$203.05	22MP-R10050	216.70
1"	3/4"	1.625"	22MP-G10075	203.05	22MP-R10075	216.70
1"	1"	1.625"	22MP-G100	84.40	22MP-R100	112.10
1"	1 1/4"	1.625"	---	---	22MP-R100125	368.15
1 1/2"	1/2"	1.625"	22MP-G15050	213.65	22MP-R15050	216.30
1 1/2"	3/4"	1.625"	22MP-G15075	160.25	22MP-R15075	216.30
1 1/2"	1"	2.250"	22MP-G150100	78.05	22MP-R150100	96.15
1 1/2"	1 1/2"	2.250"	22MP-G150	88.05	22MP-R150	118.20
1 1/2"	2"	2.500"	22MP-G150200	275.85	22MP-R150200	326.50
2"	1"	1.687"	22MP-G200100	360.00	22MP-R200100	365.25
2"	1 1/2"	2.344"	22MP-G200150	110.45	22MP-R200150	333.80
2"	2"	2.406"	22MP-G200	110.60	22MP-R200	147.50
2"	2 1/2"	2.406"	22MP-G200250	364.85	---	---
2 1/2"	2"	2.093"	22MP-G250200	553.95	22MP-R250200	565.85
2 1/2"	2 1/2"	2.187"	22MP-G250	258.10	22MP-R250	386.45
3"	2"	2.187"	22MP-G300200	595.05	22MP-R300200	914.95
3"	2 1/2"	2.187"	22MP-G300250	627.05	22MP-R300250	1060.15
3"	3"	2.187"	22MP-G300	180.90	22MP-R300	272.55
4"	4"	3.652"	22MP-G400	315.30	22MP-R400	654.60

See pages 813-816 for pipe thread data.

Transition Fittings ¹

Cam and Groove Adapter x Clamp End



Size	316 Stainless Steel Part #	Price/E
1 1/2"	RE150SE	\$162.75
2"	RE200SE	176.75
3"	RE300SE	378.00

Cam and Groove Coupler x Clamp End



Size	316 Stainless Steel Part #	Price/E
1 1/2"	RC150SE	\$270.00
2"	RC200SE	310.50
3"	RC300SE	490.00

¹ for all other cam and groove options see section C

Dixon Weld to Tube Cam and Groove ¹

Features:

- designed to be welded to standard sanitary tubing
- 316 stainless steel investment casting

Cam and Groove Adapter x Weld to Tube End



Size	316 Stainless Steel Part #	Price/E
1"	RE100BT	\$130.00
1 1/2"	RE150BT	143.00
2"	RE200BT	165.00
3"	RE300BT	357.00

Boss-Lock Coupler x Weld to Tube End



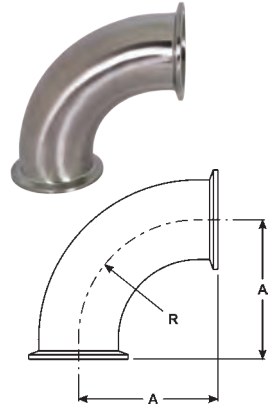
Size	316 Stainless Steel Part #	Price/E
1"	RC100BT	\$195.00
1 1/2"	RC150BT	240.00
2"	RC200BT	260.00
3"	RC300BT	425.00

¹ for all other cam and groove options see section C

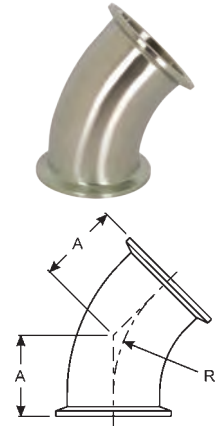
Clamp Elbows

90° Clamp Elbows - *B2CMP* 

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	R	Part #	Price/E	Part #	Price/E
½"	1.625"	1.125"	---	---	<i>B2CMP-R50</i>	\$95.80
¾"	1.625"	1.125"	---	---	<i>B2CMP-R75</i>	110.15
1"	2.000"	1.500"	<i>B2CMP-G100</i>	\$45.35	<i>B2CMP-R100</i>	58.60
1½"	2.750"	2.250"	<i>B2CMP-G150</i>	46.90	<i>B2CMP-R150</i>	62.90
2"	3.500"	3.000"	<i>B2CMP-G200</i>	62.05	<i>B2CMP-R200</i>	83.15
2½"	4.250"	3.750"	<i>B2CMP-G250</i>	84.30	<i>B2CMP-R250</i>	118.65
3"	5.000"	4.500"	<i>B2CMP-G300</i>	119.40	<i>B2CMP-R300</i>	165.00
4"	6.625"	6.000"	<i>B2CMP-G400</i>	201.80	<i>B2CMP-R400</i>	249.30
6"	9.875"	9.000"	<i>B2CMP-G600</i>	685.05	<i>B2CMP-R600</i>	830.10

45° Clamp Elbows - *B2KMP* 

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	R	Part #	Price/E	Part #	Price/E
½"	.996"	1.125"	---	---	<i>B2KMP-R50</i>	\$100.00
¾"	.966"	1.125"	---	---	<i>B2KMP-R75</i>	122.60
1"	1.125"	1.500"	<i>B2KMP-G100</i>	\$40.00	<i>B2KMP-R100</i>	53.10
1½"	1.437"	2.250"	<i>B2KMP-G150</i>	43.15	<i>B2KMP-R150</i>	58.35
2"	1.750"	3.000"	<i>B2KMP-G200</i>	60.80	<i>B2KMP-R200</i>	75.70
2½"	2.062"	3.750"	<i>B2KMP-G250</i>	82.50	<i>B2KMP-R250</i>	109.10
3"	2.375"	4.500"	<i>B2KMP-G300</i>	111.60	<i>B2KMP-R300</i>	142.50
4"	3.125"	6.000"	<i>B2KMP-G400</i>	182.30	<i>B2KMP-R400</i>	230.65
6"	4.625"	9.000"	<i>B2KMP-G600</i>	687.80	<i>B2KMP-R600</i>	983.95

90° Clamp x Plain Bevel Seat with Hex Nut Elbows - *B2FMP-14* 

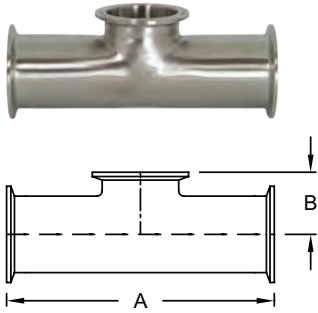
Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
2"	3.750"	3.500"	<i>B2FMP-14-G200</i>	\$220.15
2½"	4.625"	4.250"	<i>B2FMP-14-G250</i>	280.50
3"	5.406"	5.000"	<i>B2FMP-14-G300</i>	391.65



N

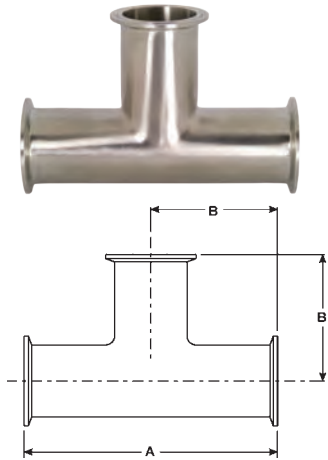
Clamp Tees

3 Short Outlet Clamp Tees - B7MPS



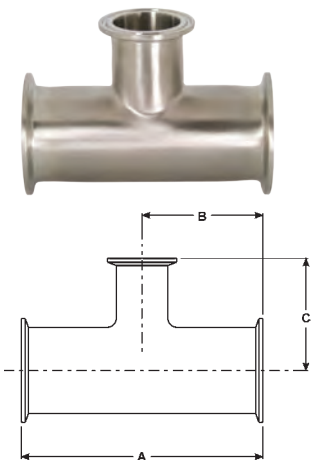
Tube OD	Dimensions		316L Stainless Steel	
	A	B	Part #	Price/E
1½"	5.500"	1.375"	B7MPS-R150	\$275.05
2"	7.000"	1.625"	B7MPS-R200	318.15
2½"	7.000"	1.875"	B7MPS-R250	341.10

3 Clamp Tees - B7MP



Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
½"	4.750"	2.375"	---	---	B7MP-R50	\$164.90
¾"	5.000"	2.500"	---	---	B7MP-R75	145.85
1"	4.750"	2.375"	B7MP-G100	\$73.60	B7MP-R100	116.85
1½"	5.500"	2.750"	B7MP-G150	82.80	B7MP-R150	114.75
2"	7.000"	3.500"	B7MP-G200	102.60	B7MP-R200	133.20
2½"	7.000"	3.500"	B7MP-G250	131.05	B7MP-R250	178.65
3"	7.500"	3.750"	B7MP-G300	177.80	B7MP-R300	249.25
4"	9.000"	4.500"	B7MP-G400	243.90	B7MP-R400	335.50
6"	13.000"	6.500"	B7MP-G600	1127.50	B7MP-R600	1293.75
8"	15.750"	7.875"	B7MP-G800	2132.85	B7MP-R800	3471.60

3 Clamp Reducing Tees - B7RMP



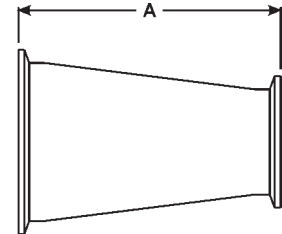
Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
1" x ¾"	5.250"	2.625"	2.625"	---	---	B7RMP-R10075	\$222.60
1½" x ½"	5.750"	2.875"	2.875"	---	---	B7RMP-R15050	226.85
1½" x 1"	4.312"	2.156"	1.875"	---	---	B7RMP-R150100	178.75
2" x ½"	6.750"	3.375"	3.125"	---	---	B7RMP-R20050	687.05
2" x ¾"	6.750"	3.375"	3.125"	---	---	B7RMP-R20075	722.50
2" x 1"	5.125"	2.562"	2.125"	B7RMP-G200100	\$205.70	B7RMP-R200100	211.60
2" x 1½"	5.125"	2.562"	2.406"	B7RMP-G200150	167.25	B7RMP-R200150	229.75
2½" x 1½"	5.688"	2.844"	2.812"	B7RMP-G250150	221.20	B7RMP-R250150	309.00
2½" x 2"	5.688"	2.844"	2.812"	B7RMP-G250200	202.40	B7RMP-R250200	237.45
3" x 1½"	6.188"	3.093"	2.906"	B7RMP-G300150	271.25	B7RMP-R300150	418.15
3" x 2"	6.188"	3.093"	3.063"	B7RMP-G300200	228.85	B7RMP-R300200	342.45
4" x 1½"	8.125"	4.063"	3.406"	B7RMP-G400150	365.40	---	---
4" x 2"	8.125"	4.063"	3.563"	B7RMP-G400200	365.40	---	---

N

Clamp Reducers

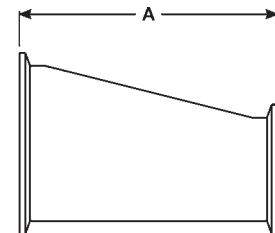
Clamp Concentric Reducers - B3114MP

Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1" x 1/2"	3.000"	---	---	B3114MP-R10050	\$221.60
1" x 3/4"	2.000"	---	---	B3114MP-R10075	189.55
1 1/2" x 1/2"	5.000"	---	---	B3114MP-R15050	286.10
1 1/2" x 3/4"	4.000"	---	---	B3114MP-R15075	286.00
1 1/2" x 1"	3.000"	B3114MP-G150100	\$75.40	B3114MP-R150100	82.50
2" x 3/4"	6.000"	---	---	B3114MP-R20075	466.20
2" x 1"	5.000"	B3114MP-G200100	103.35	B3114MP-R200100	124.40
2" x 1 1/2"	3.000"	B3114MP-G200150	79.25	B3114MP-R200150	87.75
2 1/2" x 1 1/2"	5.000"	B3114MP-G250150	110.85	B3114MP-R250150	118.75
2 1/2" x 2"	3.000"	B3114MP-G250200	95.85	B3114MP-R250200	108.60
3" x 1 1/2"	7.000"	B3114MP-G300150	188.40	B3114MP-R300150	230.20
3" x 2"	5.000"	B3114MP-G300200	129.30	B3114MP-R300200	149.50
3" x 2 1/2"	3.000"	B3114MP-G300250	118.20	B3114MP-R300250	131.35
4" x 1 1/2"	11.125"	B3114MP-G400150	426.65	B3114MP-R400150	535.90
4" x 2"	9.125"	B3114MP-G400200	242.95	B3114MP-R400200	273.85
4" x 2 1/2"	7.125"	B3114MP-G400250	276.05	B3114MP-R400250	289.35
4" x 3"	5.125"	B3114MP-G400300	164.75	B3114MP-R400300	175.25
6" x 4"	7.000"	B3114MP-G600400	663.15	---	---



Clamp Eccentric Reducers - B3214MP

Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1 1/2" x 1"	3.000"	B3214MP-G150100	\$85.15	B3214MP-R150100	\$116.40
2" x 1"	5.000"	B3214MP-G200100	200.65	B3214MP-R200100	318.95
2" x 1 1/2"	3.000"	B3214MP-G200150	96.85	B3214MP-R200150	145.70
2 1/2" x 1 1/2"	5.000"	B3214MP-G250150	119.55	B3214MP-R250150	203.90
2 1/2" x 2"	3.000"	B3214MP-G250200	112.55	B3214MP-R250200	187.10
3" x 1 1/2"	7.000"	B3214MP-G300150	217.15	B3214MP-R300150	244.10
3" x 2"	5.000"	B3214MP-G300200	156.85	B3214MP-R300200	173.05
3" x 2 1/2"	3.000"	B3214MP-G300250	190.15	B3214MP-R300250	198.70
4" x 2"	9.125"	B3214MP-G400200	300.45	B3214MP-R400200	318.10
4" x 2 1/2"	7.125"	B3214MP-G400250	292.60	B3214MP-R400250	372.45
4" x 3"	5.125"	B3214MP-G400300	213.70	B3214MP-R400300	309.70
6" x 3"	6.875"	B3214MP-G600300	922.55	---	---
6" x 4"	7.000"	B3214MP-G600400	1004.85	---	---

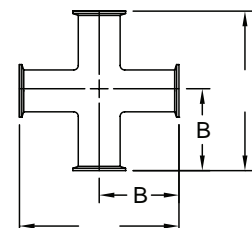


N

Clamp Crosses

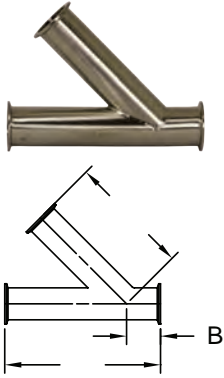
Clamp Crosses - B9MP

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	4.750"	2.375"	B9MP-G100	\$275.25	B9MP-R100	\$304.70
1 1/2"	5.500"	2.750"	B9MP-G150	267.65	B9MP-R150	324.25
2"	7.000"	3.500"	B9MP-G200	290.50	B9MP-R200	373.80
3"	7.500"	3.750"	B9MP-G300	450.85	B9MP-R300	722.00
4"	9.000"	4.500"	B9MP-G400	814.90	B9MP-R400	1163.30



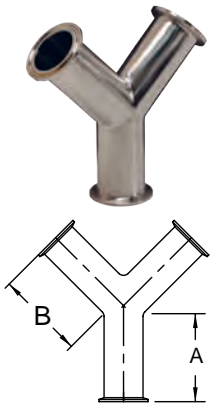
Miscellaneous Configurations

3 Clamp Laterals - B28AMP



Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	7.000"	1.500"	5.500"	B28AMP-R100	\$577.20
1½"	8.375"	1.688"	6.688"	B28AMP-R150	581.85
2"	9.750"	2.125"	7.625"	B28AMP-R200	603.75
3"	11.750"	2.375"	9.375"	B28AMP-R300	935.95
4"	14.062"	2.640"	11.312"	B28AMP-R400	1641.80

3 Clamp True Wyes - B28BMP

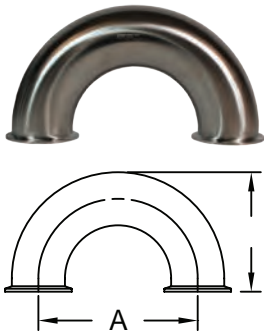


Tube OD	Dimensions		316L Stainless Steel	
	A	B	Part #	Price/E
1"	2.500"	2.938"	B28BMP-R100	\$571.95
1½"	2.500"	2.938"	B28BMP-R150	581.85
2"	3.125"	3.750"	B28BMP-R200	603.75
3"	4.500"	5.375"	B28BMP-R300	973.05
4"	6.000"	6.000"	B28BMP-R400	1673.55

3 Clamp 180° Return Bends - B2WUMP

Feature:

- bends are the standard 1.5 x tube diameter



Tube OD	Dimensions		316L Stainless Steel	
	A	B	Part #	Price/E
1"	3.000"	2.500"	B2WUMP-R100	\$272.90
1½"	4.500"	3.500"	B2WUMP-R150	298.25
2"	6.000"	4.500"	B2WUMP-R200	397.70
3"	9.000"	6.500"	B2WUMP-R300	695.80
4"	12.000"	8.625"	B2WUMP-R400	962.35

Clamp End Protection Covers - BCC

Feature:

- Use these covers to protect all clamp ends on fittings, valves, filters and pumps.



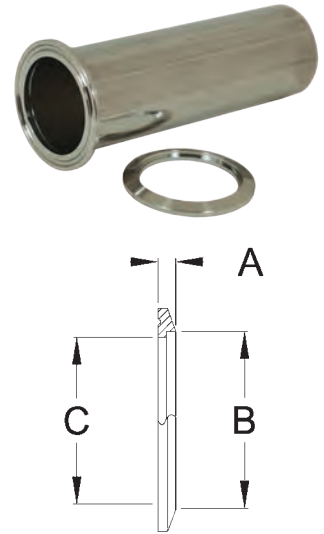
Size	Vinyl Plastic Part Number	Price/E
½"	BCC-050	\$1.45
¾"	BCC-075	1.45
1"	BCC-100	2.10
1½"	BCC-150	2.10
2"	BCC-200	2.70
2½"	BCC-250	3.55
3"	BCC-300	4.70
4"	BCC-400	6.20
6"	BCC-600	15.95
8"	BCC-800	28.75

Quick Weld Ferrules

NEW 2014**Features:**

- 304 stainless construction
- just slip onto sanitary OD tube and weld
- butt weld is not needed

Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
1"	0.290"	1.005"	0.870"	14QMP-G100	\$7.25
1½"	0.199"	1.505"	1.370"	14QMP-G150	7.25
2"	0.205"	2.005"	1.870"	14QMP-G200	9.25
2½"	0.210"	2.505"	2.370"	14QMP-G250	11.15
3"	0.257"	3.005"	2.870"	14QMP-G300	14.00
4"	0.235"	4.005"	3.834"	14QMP-G400	21.30
6"	0.321"	6.005"	5.782"	14QMP-G600	54.85



Breakaway Coupling - Clamp

NEW 2014**Applications:**

- Minimizes spillage and damage associated with pull away and drive away incidents

Features:

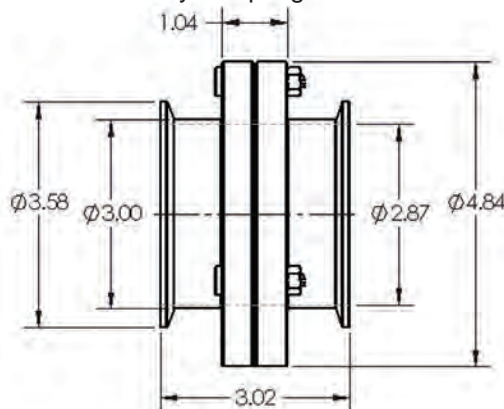
- designed to be installed between a fixed point and a hose
- coupling breaks away with an excessive load
- EPDM standard clamp gasket
- working pressure: 350 PSI @ 70°F
- 13kN break load bolts standard, other break loads available
- 316 stainless steel polished to standard <math><32R_a</math>, 3A finish
- other sizes, gaskets and connections available, contact Dixon



Size	316 Stainless Steel	
	Part #	Price/E
3"	SBC-E300CC13	\$600.00


N

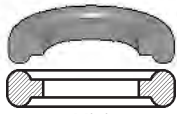
Breakaway Coupling Dimensions



Clamp Gaskets

Features:

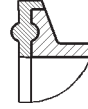
Gasket materials approved by  (3A), and the USDA and complies with FDA's 21CFR177.2600 and 1550. PSI Service Ratings for the sanitary clamps DO NOT APPLY to connections (1" and above) using any PTFE gaskets, due to the potential for cold flow under normal operating conditions. PTFE gaskets, when used with any clamp, are likely to leak at pressures far below the published service ratings. This restriction does not apply to the fractionally sized ½" and ¾" connections, due to their recessed, fully contained design.



Mini



Standard - type 1



Flanged - type 2

Buna-N Clamp Gaskets - Black



Type 1 - Standard

Type 1 - Standard
1 and ar er

Features:

- color code: red dot
- meets 21CFR 177.2600

Size	Part #	Price/E
½"	42MP-U50	\$1.65
¾"	42MP-U75	2.50
1"	40MP-U100	0.80
1½"	40MP-U150	0.65
2"	40MP-U200	0.80
2½"	40MP-U250	0.85
3"	40MP-U300	1.00
4"	40MP-U400	1.70
5"	40MP-U500	8.40
6"	40MP-U600	18.55
8"	40MP-U800	26.65

Buna-N Clamp Gaskets - White



Type 1 - Standard

Type 1 - Standard
1 and ar er

Features:

- color code: red dot
- meets 21CFR 177.2600

Size	Part #	Price/E
½"	42MP-UW50	\$2.70
¾"	42MP-UW75	3.10
1"	40MP-UW100	1.45
1½"	40MP-UW150	1.35
2"	40MP-UW200	1.60
2½"	40MP-UW250	1.50
3"	40MP-UW300	1.70
4"	40MP-UW400	3.10
6"	40MP-UW600	30.60

EPDM Clamp Gaskets - Black



Type 1 - Standard

Type 1 - Standard
1 and ar er

Features:

- color code: three green dots
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing

Size	Part #	Price/E
½"	42MP-E50	\$2.10
¾"	42MP-E75	2.35
1"	40MP-E100	2.10
1½"	40MP-E150	2.00
2"	40MP-E200	2.10
2½"	40MP-E250	2.65
3"	40MP-E300	3.10
4"	40MP-E400	3.35
6"	40MP-E600	20.15

FKM Clamp Gaskets - Black



Type 1 - Standard

Type 1 - Standard
1 and ar er

Features:

- color code: one white dot, one yellow dot
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing

Size	Part #	Price/E
½"	42MP-SFY50	\$5.45
¾"	42MP-SFY75	5.95
1"	40MP-SFY100	5.95
1½"	40MP-SFY150	4.30
2"	40MP-SFY200	4.55
2½"	40MP-SFY250	8.25
3"	40MP-SFY300	11.05
4"	40MP-SFY400	15.35
6"	40MP-SFY600	54.75

See pages 451-452 for sizing charts.

Clamp Gaskets

Silicone Clamp Gaskets - *White*

Size	Part #	Price/E
1/2"	42MP-XW50	\$2.85
3/4"	42MP-XW75	3.20
1"	40MP-XW100	3.10
1 1/2"	40MP-XW150	2.60
2"	40MP-XW200	3.10
2 1/2"	40MP-XW250	4.15
3"	40MP-XW300	4.60
4"	40MP-XW400	5.45
6"	40MP-XW600	36.95



Type 1 - Standard

Type 1 - Standard
1 and ar er**Features:**

- color code: pink dot
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing

Silicone Clamp Gaskets - *Clear*

Size	Part #	Price/E
1/2"	42MP-XC50	\$2.85
3/4"	42MP-XC75	3.20
1"	40MP-XC100	4.15
1 1/2"	40MP-XC150	4.15
2"	40MP-XC200	4.30
2 1/2"	40MP-XC250	5.20
3"	40MP-XC300	5.95
4"	40MP-XC400	8.25



Type 1 - Standard

Type 1 - Standard
1 and ar er**Features:**

- color code: no dot
- peroxide cured
- meets 21CFR 177.2600

PTFE Clamp Gaskets - *White*

Size	Part #	Price/E
1/2"	42MP-G50	\$3.10
3/4"	42MP-G75	2.85
1"	40MP-G100	2.70
1 1/2"	40MP-G150	1.95
2"	40MP-G200	2.35
2 1/2"	40MP-G250	3.15
3"	40MP-G300	3.20
4"	40MP-G400	9.20
5"	40MP-G500	74.70
6"	40MP-G600	41.10
8"	40MP-G800	70.65
10"	40MP-G1000	84.25
12"	40MP-G1200	230.15



Type 1 - Standard

Type 1 - Standard
1 and ar er**Features:**

- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

See pages 451-452 for sizing charts.

Metal Detectable Clamp Gaskets

Feature:

- impregnated with stainless steel particles which allows a gasket or gasket pieces to be found with metal detection equipment

Buna-N Metal Detectable Clamp Gaskets



Type 1 - Standard
1 and ar er

Features:

- good general use where temperature extremes do not exist
- minimum temperature: **-20°F**
- maximum temperature: **212°F**

Size	Part #	Price/E
1"	40MP-UZ100	\$3.55
1½"	40MP-UZ150	3.30
2"	40MP-UZ200	3.60
2½"	40MP-UZ250	5.60
3"	40MP-UZ300	6.05
4"	40MP-UZ400	6.45

EPDM Metal Detectable Clamp Gaskets



Type 1 - Standard
1 and ar er

Features:

- resistant to steam, water and base solutions
- minimum temperature: **-70°F**
- maximum temperature: **310°F**

Size	Part #	Price/E
1"	40MP-EZ100	\$4.95
1½"	40MP-EZ150	4.80
2"	40MP-EZ200	5.05
2½"	40MP-EZ250	6.55
3"	40MP-EZ300	7.25
4"	40MP-EZ400	9.60

FKM Metal Detectable Clamp Gaskets



Type 1 - Standard
1 and ar er

Features:

- resistant to steam, heat and high acid solutions
- minimum temperature: **-20°F**
- maximum temperature: **410°F**

Size	Part #	Price/E
1"	40MP-SFYZ100	\$11.05
1½"	40MP-SFYZ150	11.25
2"	40MP-SFYZ200	10.90
2½"	40MP-SFYZ250	19.45
3"	40MP-SFYZ300	22.25
4"	40MP-SFYZ400	28.70

N

See pages 451-452 for sizing charts.

Clamp Gaskets

Buna-N Flanged Clamp Gaskets - *Black*

Size	Part #	Price/E
1"	40MPF-U100	\$1.95
1½"	40MPF-U150	1.70
2"	40MPF-U200	1.95
2½"	40MPF-U250	2.35
3"	40MPF-U300	3.20
4"	40MPF-U400	4.30
6"	40MPF-U600	26.70
8"	40MPF-U800	43.00
10"	40MPF-U1000	77.10
12"	40MPF-U1200	93.95



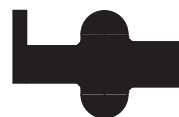
Type 2 - Flanged and large

Features:

- color code: red dot
- meets 21CFR 177.2600
- not recommended for use with bolted clamps

Buna-N Flanged Clamp Gaskets - *White*

Size	Part #	Price/E
1"	40MPF-UW100	\$3.00
1½"	40MPF-UW150	2.35
2"	40MPF-UW200	2.70
2½"	40MPF-UW250	4.55
3"	40MPF-UW300	4.55
4"	40MPF-UW400	6.35
6"	40MPF-UW600	35.60



Type 2 - Flanged and large

Features:

- color code: red dot
- meets 21CFR 177.2600
- not recommended for use with bolted clamps

EPDM Flanged Clamp Gaskets - *Black*

Size	Part #	Price/E
1"	40MPF-E100	\$3.45
1½"	40MPF-E150	3.20
2"	40MPF-E200	3.60
2½"	40MPF-E250	5.30
3"	40MPF-E300	6.05
4"	40MPF-E400	6.20
6"	40MPF-E600	42.60
8"	40MPF-E800	61.85
10"	40MPF-E1000	68.70
12"	40MPF-E1200	77.90



Type 2 - Flanged and large

Features:

- color code: three green dots
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps

FKM Flanged Clamp Gaskets - *Black*

Size	Part #	Price/E
1"	40MPF-SFY100	\$11.15
1½"	40MPF-SFY150	8.25
2"	40MPF-SFY200	9.55
2½"	40MPF-SFY250	17.50
3"	40MPF-SFY300	18.30
4"	40MPF-SFY400	21.20
6"	40MPF-SFY600	63.80
8"	40MPF-SFY800	106.35
10"	40MPF-SFY1000	133.65
12"	40MPF-SFY1200	137.20



Type 2 - Flanged and large

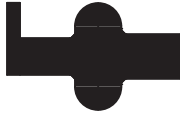
Features:

- color code: one white dot, one yellow dot
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps

See pages 451-452 for sizing charts.

Clamp Gaskets

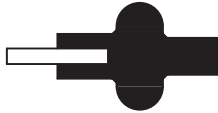
Silicone Flanged Clamp Gaskets - White

Type 2 - Flanged
and large**Features:**

- color code: pink dot
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps

Size	Part #	Price/E
1"	40MPF-XW100	\$4.50
1½"	40MPF-XW150	4.70
2"	40MPF-XW200	4.70
2½"	40MPF-XW250	5.80
3"	40MPF-XW300	6.95
4"	40MPF-XW400	9.15
6"	40MPF-XW600	48.50
8"	40MPF-XW800	60.30
10"	40MPF-XW1000	75.15
12"	40MPF-XW1200	77.30

Buna-N Mesh Screen Clamp Gasket, 316



Type 3 - Mesh

Features:

- color code: red dot
- meets 21CFR 177.2600
- 10 mesh standard, other mesh available-call for details

Size	Part #	Price/E
1"	40MPS-U100	\$47.10
1½"	40MPS-U150	41.45
2"	40MPS-U200	44.35
2½"	40MPS-U250	58.85
3"	40MPS-U300	67.75
4"	40MPS-U400	105.95

PTFE Envelope Clamp Gaskets with EPDM Filler

**Features:**

- color code: usually not marked
- peroxide cured EPDM
- meets 21CFR 177.1550
- PTFE passed USP Class VI Cytotoxicity testing

Size	Part #	Price/E
½"	42MP-GRE50	\$14.90
1"	40MP-GRE100	8.15
1½"	40MP-GRE150	7.25
2"	40MP-GRE200	7.65
2½"	40MP-GRE250	9.80
3"	40MP-GRE300	10.80
4"	40MP-GRE400	19.90
6"	40MP-GRE600	69.65



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

PTFE Envelope Clamp Gaskets with FKM Filler

**Features:**

- color code: FKM usually not marked
- peroxide cured FKM
- meets 21CFR 177.1550
- PTFE passed USP Class VI Cytotoxicity testing

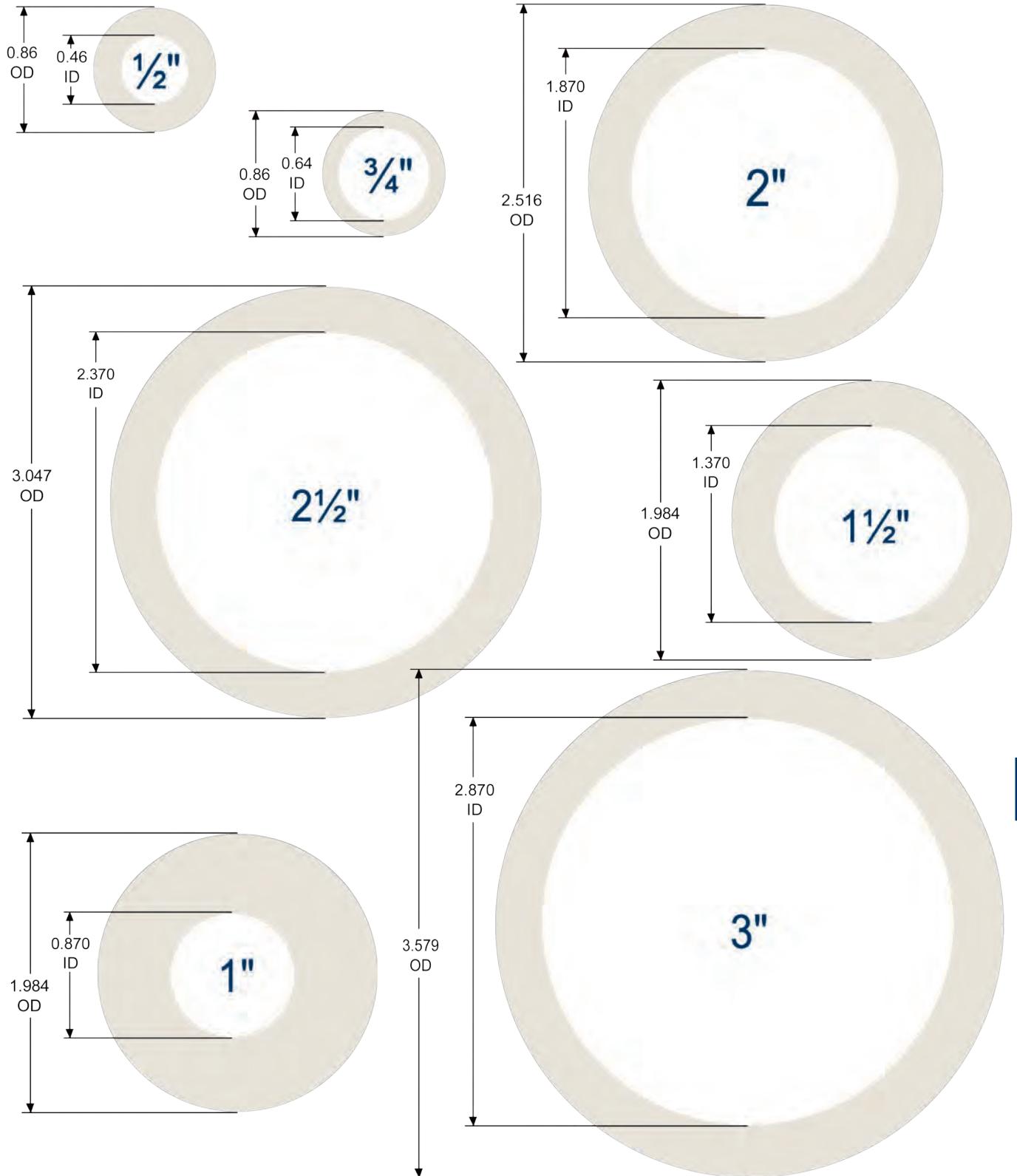
Size	Part #	Price/E
1"	40MP-GR100	\$7.40
1½"	40MP-GR150	7.25
2"	40MP-GR200	8.25
2½"	40MP-GR250	10.85
3"	40MP-GR300	11.45
4"	40MP-GR400	18.35
6"	40MP-GR600	87.80



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

See pages 451-452 for sizing charts.

Clamp Fittings and Gasket Sizing Guide

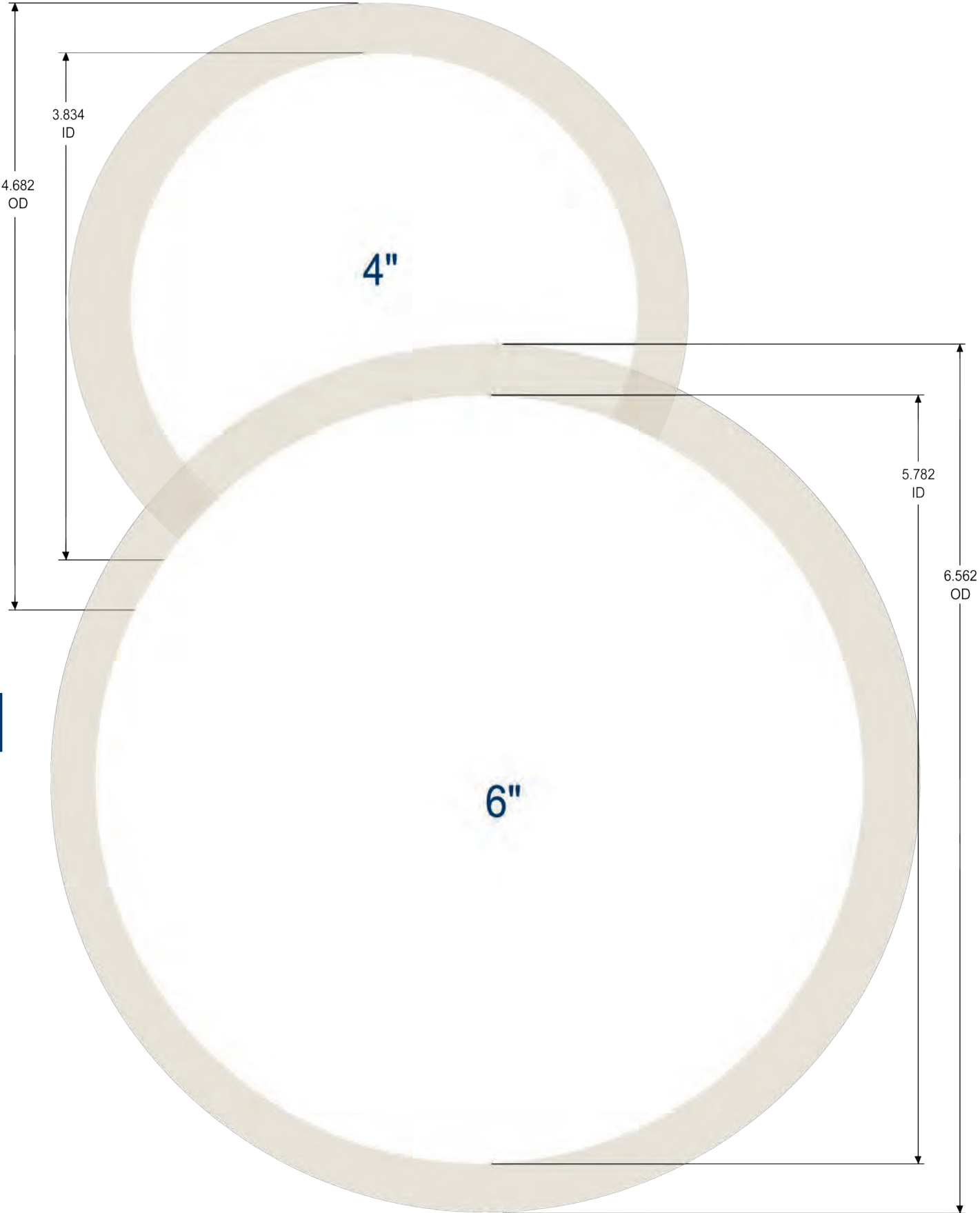


N

Sanitary Size	OD of Clamp End	ID of Fitting
1/2"	0.992	0.370
3/4"	0.992	0.620
1"	1.984	0.870
1 1/2"	1.984	1.370
2"	2.516	1.870
2 1/2"	3.047	2.370

Sanitary Size	OD of Clamp End	ID of Fitting
3"	3.579	2.870
4"	4.682	3.834
6"	6.562	5.782
8"	8.602	7.782
10"	10.570	9.782
12"	12.570	11.760

Clamp Fittings and Gasket Sizing Guide

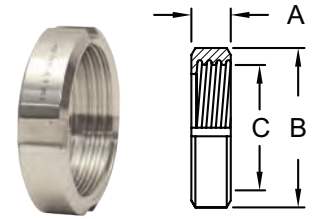


N

European Fittings DIN 11851

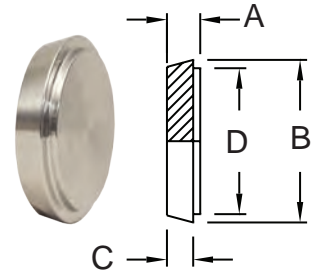
DIN Round Nuts - 13R

Tube OD	DN Size	Dimensions			304 Stainless Steel	
		A	B	C	Part #	Price/E
1"	25	.83"	2.48"	2.05"	13R-G100DIN	\$35.80
1½"	40	.83"	3.07"	2.56"	13R-G150DIN	44.60
2"	50	.87"	3.62"	3.07"	13R-G200DIN	57.05
2½"	65	.98"	4.41"	3.74"	13R-G250DIN	77.25
3"	80	1.14"	5.00"	4.33"	13R-G300DIN	118.65
4"	100	1.22"	5.83"	5.12"	13R-G400DIN	138.50



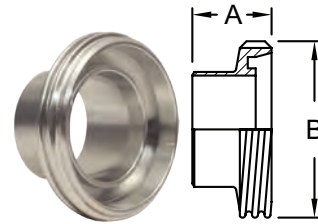
DIN Blank Caps - 16AMP

Tube OD	DN Size	Dimensions				316 Stainless Steel	
		A	B	C	D	Part #	Price/E
1"	25	.51"	1.73"	.39"	1.38"	16AMP-R100DIN	\$28.35
1½"	40	.51"	2.20"	.39"	1.89"	16AMP-R150DIN	46.30
2"	50	.55"	2.68"	.43"	2.40"	16AMP-R200DIN	66.00
2½"	65	.63"	3.39"	.47"	3.11"	16AMP-R250DIN	116.95
3"	80	.63"	3.66"	.47"	3.39"	16AMP-R300DIN	144.15
4"	100	.79"	4.76"	.59"	4.49"	16AMP-R400DIN	240.00



DIN Welding Males - 15A

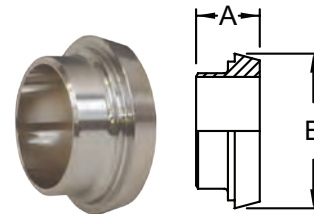
Tube OD	DN Size	Dimensions		316 Stainless Steel	
		A	B	Part #	Price/E
1"	25	1.14"	2.04"	15A-R100DIN	\$34.25
1½"	40	1.30"	2.55"	15A-R150DIN	47.80
2"	50	1.38"	3.07"	15A-R200DIN	58.70
2½"	65	1.57"	3.74"	15A-R250DIN	92.35
3"	80	1.77"	4.31"	15A-R300DIN	143.50
4"	100	2.13"	5.12"	15A-R400DIN	162.15



N

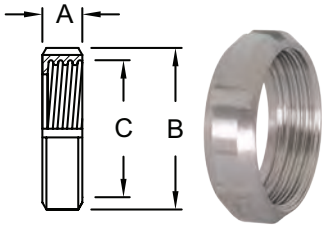
DIN Welding Liners - 14A

Tube OD	DN Size	Dimensions		316 Stainless Steel	
		A	B	Part #	Price/E
1"	25	.87"	1.73"	14A-R100DIN	\$23.85
1½"	40	1.02"	2.20"	14A-R150DIN	33.45
2"	50	1.10"	2.68"	14A-R200DIN	42.75
2½"	65	1.26"	3.39"	14A-R250DIN	73.35
3"	80	1.46"	3.94"	14A-R300DIN	101.95
4"	100	1.73"	4.76"	14A-R400DIN	130.00



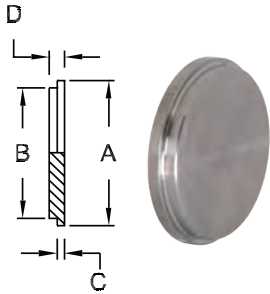
European Fittings

SMS Round Nuts - 13R



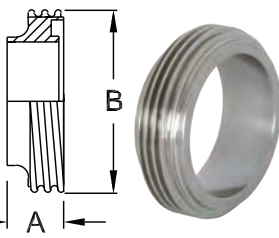
Tube OD	DN Size	Dimensions			304 Stainless Steel	
		A	B	C	Part #	Price/E
1"	25	.75"	2.01"	1.57"	13R-G100SMS	\$35.50
1½"	38	.91"	2.91"	2.36"	13R-G150SMS	44.55
2"	51	.94"	3.31"	2.76"	13R-G200SMS	55.75
2½"	63.5	1.10"	3.94"	3.35"	13R-G250SMS	72.25
3"	76	1.18"	4.49"	3.86"	13R-G300SMS	108.30
4"	101.6	1.22"	5.43"	4.92"	13R-G400SMS	131.10

SMS Blank Caps - 16AMP



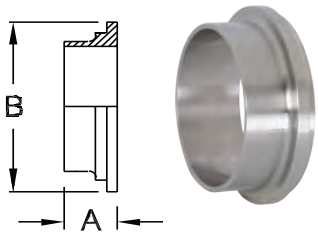
Tube OD	DN Size	Dimensions				316 Stainless Steel	
		A	B	C	D	Part #	Price/E
1"	25	.30"	1.40"	.14"	1.25"	16AMP-R100SMS	\$25.10
1½"	38	.31"	2.20"	.16"	1.89"	16AMP-R150SMS	40.00
2"	51	.35"	2.56"	.16"	2.38"	16AMP-R200SMS	60.00
2½"	63.5	.35"	3.15"	.16"	2.89"	16AMP-R250SMS	91.10
3"	76	.43"	3.66"	.20"	3.41"	16AMP-R300SMS	130.25
4"	101.6	.43"	4.65"	.23"	4.43"	16AMP-R400SMS	195.10

SMS Welding Males - 15A



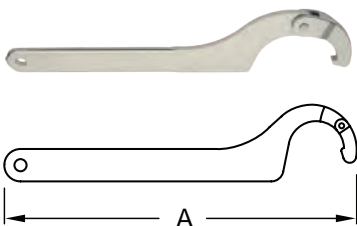
Tube OD	DN Size	Dimensions		316 Stainless Steel	
		A	B	Part #	Price/E
1"	25	.75"	1.57"	15A-R100SMS	\$32.55
1½"	38	.91"	2.36"	15A-R150SMS	41.50
2"	51	.91"	2.76"	15A-R200SMS	58.25
2½"	63.5	1.06"	3.35"	15A-R250SMS	107.00
3"	76	1.06"	3.86"	15A-R300SMS	132.50
4"	101.6	1.18"	4.92"	15A-R400SMS	158.35

SMS Welding Liners - 14A



Tube OD	DN Size	Dimensions		316 Stainless Steel	
		A	B	Part #	Price/E
1"	25	.61"	1.40"	14A-R100SMS	\$21.80
1½"	38	.63"	2.17"	14A-R150SMS	30.75
2"	51	.67"	2.56"	14A-R200SMS	37.60
2½"	63.5	.67"	3.16"	14A-R250SMS	49.50
3"	76	.75"	3.66"	14A-R300SMS	78.50
4"	101.6	.75"	4.65"	14A-R400SMS	100.10

DIN and SMS Spanner Wrenches - SP

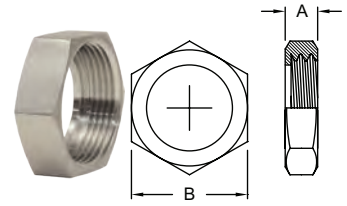


Used On	DN Size	Dimension A	Nickel Plated Steel	
			Part #	Price/E
1" - 1½"	25-40	9.75"	DIN-SMS-60/90SP	\$220.90
2" - 4"	50-101.6	13.00"	DIN-SMS90/155SP	575.35

European Fittings

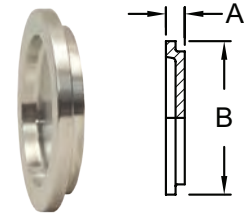
RJT BS:4825 Hex Nuts - 13H

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	.87"	2.00"	13H-G100RJT	\$33.10
1½"	.87"	2.56"	13H-G150RJT	44.40
2"	.87"	3.12"	13H-G200RJT	57.75
2½"	.87"	3.62"	13H-G250RJT	71.90
3"	.87"	4.12"	13H-G300RJT	88.25
4"	.87"	5.12"	13H-G400RJT	105.25



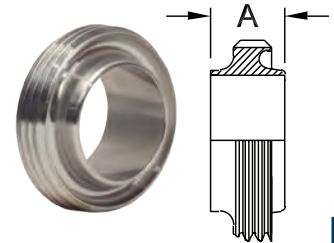
RJT BS:4825 Blank Caps - 13RBN

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	.32"	1.63"	13RBN-G100RJT	\$17.90
1½"	.32"	2.12"	13RBN-G150RJT	27.75
2"	.32"	2.62"	13RBN-G200RJT	41.40
2½"	.32"	3.12"	13RBN-G250RJT	64.40
3"	.32"	3.63"	13RBN-G300RJT	84.85
4"	.32"	4.63"	13RBN-G400RJT	156.95



RJT BS:4825 Welding Males - 15A

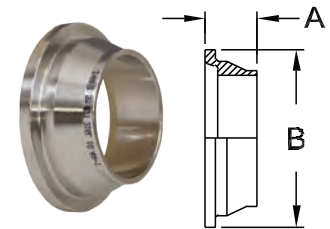
Tube OD	Dimensions		316 Stainless Steel	
	A		Part #	Price/E
1"	1.06"		15A-R100RJT	\$39.85
1½"	1.06"		15A-R150RJT	54.15
2"	1.06"		15A-R200RJT	69.85
2½"	1.06"		15A-R250RJT	81.70
3"	1.06"		15A-R300RJT	101.30
4"	1.06"		15A-R400RJT	144.90



N

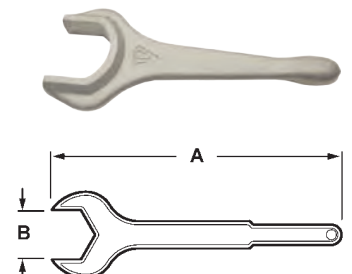
RJT BS:4825 Welding Liners - 14A

Tube OD	Dimensions		316 Stainless Steel	
	A	B	Part #	Price/E
1"	.77"	1.63"	14A-R100RJT	\$26.75
1½"	.77"	2.13"	14A-R150RJT	30.25
2"	.77"	2.63"	14A-R200RJT	37.90
2½"	.77"	3.13"	14A-R250RJT	51.65
3"	.77"	3.63"	14A-R300RJT	59.90
4"	.77"	4.63"	14A-R400RJT	83.50



RJT BS:4825 Spanner Wrenches - SP

Tube OD	Dimensions		Aluminum	
	A	B	Part #	Price/E
1"	10.00"	2.00"	RJT-100SP	\$201.30
1½"	11.50"	2.56"	RJT-150SP	230.50
2"	12.00"	3.12"	RJT-200SP	270.45
2½"	13.50"	3.62"	RJT-250SP	353.40
3"	14.50"	4.12"	RJT-300SP	435.30
4"	17.50"	5.12"	RJT-400SP	544.95



European Gaskets

DIN Buna-N European Gaskets - *Black*

Features:

- color code: red dot
- meets 21CFR 177.2600

Tube OD	DN Size	ID	OD	Height	DIN 11851 Buna-N Part #	Price/E
1"	25	1.18"	1.57"	.20"	40MP-U100DIN	\$7.40
1½"	40	1.65"	2.05"	.20"	40MP-U150DIN	11.75
2"	50	2.13"	2.52"	.20"	40MP-U200DIN	12.25
2½"	65	2.80"	3.19"	.20"	40MP-U250DIN	14.35
3"	80	3.35"	3.74"	.20"	40MP-U300DIN	16.45
4"	100	4.09"	4.49"	.24"	40MP-U400DIN	20.70

SMS Buna-N European Gaskets - *Black*

Features:

- color code: red dot
- meets 21CFR 177.2600

Tube OD	DN Size	ID	OD	L Style Buna-N Part #	Price/E
1"	25	.98"	1.26"	40MP-U100SMS	\$6.55
1½"	38	1.49"	1.89"	40MP-U150SMS	2.25
2"	51	2.00"	2.40"	40MP-U200SMS	2.50
2½"	63.5	2.50"	2.89"	40MP-U250SMS	2.55
3"	76	2.99"	3.39"	40MP-U300SMS	4.70
4"	101.6	4.09"	4.49"	40MP-U400SMS	19.55

RJT Buna-N European Gaskets - *Black*

Features:

- color code: red dot
- meets 21CFR 177.2600

Tube OD	ID	OD	Buna-N Part #	Price/E
1"	1.06"	.25"	40MP-U100RJT	\$8.25
1½"	1.56"	.25"	40MP-U150RJT	9.45
2"	2.06"	.25"	40MP-U200RJT	11.00
2½"	2.56"	.25"	40MP-U250RJT	14.20
3"	3.06"	.25"	40MP-U300RJT	17.75
4"	4.06"	.25"	40MP-U400RJT	48.20

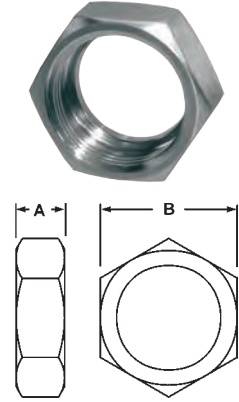
Bevel Seat Hex Nuts

Union Hex Nuts - 13H

Feature:

- maximum operating pressure: **400 PSI**

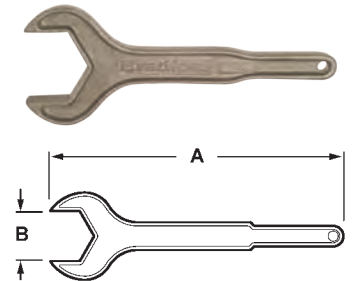
Tube OD	Dimensions		304 Stainless Steel (CF8)	
	A	B	Part #	Price/E
1"	.906"	1.812"	13H-G100	\$18.05
1½"	.968"	2.406"	13H-G150	25.45
2"	1.062"	3.000"	13H-G200	32.65
2½"	1.187"	3.594"	13H-G250	48.80
3"	1.281"	4.188"	13H-G300	64.85
4"	1.500"	5.438"	13H-G400	112.65



Bevel Seat Hex Wrenches

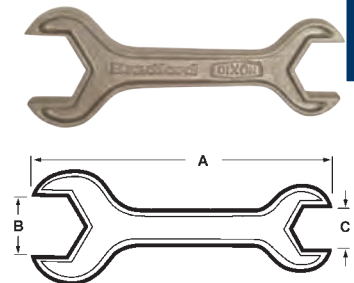
Single Sided Hex Wrenches - 25H

Tube OD	Dimensions		Weight (Lbs.)	Aluminum	
	A	B		Part #	Price/E
1"	10.500"	1.812"	.64	25H-100	\$51.30
1½"	12.000"	2.406"	.86	25H-150	53.00
2"	14.000"	3.000"	1.76	25H-200	65.00
2½"	16.250"	3.594"	2.40	25H-250	95.95
3"	18.500"	4.188"	3.04	25H-300	133.25
4"	19.500"	5.438"	3.62	25H-400	169.70



Two Sided Hex Wrenches - 25H

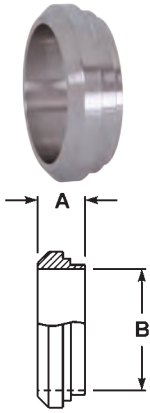
Tube OD	Dimensions			Weight (Lbs.)	Aluminum	
	A	B	C		Part #	Price/E
1½" x 1"	12.000"	2.406"	1.812"	1.00	25H-150100	\$95.80
2" x 1½"	14.000"	3.000"	2.406"	1.75	25H-200150	107.00
2½" x 2"	16.500"	3.594"	3.000"	2.80	25H-250200	129.05
3" x 2"	18.000"	4.188"	3.000"	3.20	25H-300200	149.30
3" x 2½"	18.000"	4.188"	3.594"	3.70	25H-300250	172.00



N

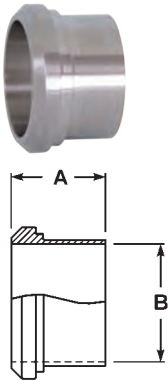
Bevel Seat Ferrules

3 Short Plain Bevel Seat Weld Ferrules - 14PRF



Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	.718"	.870"	14PRF-G100	\$10.75
1½"	.718"	1.370"	14PRF-G150	13.10
2"	.750"	1.870"	14PRF-G200	17.15
2½"	.875"	2.370"	14PRF-G250	23.80
3"	.906"	2.870"	14PRF-G300	30.75
4"	1.031"	3.834"	14PRF-G400	49.85

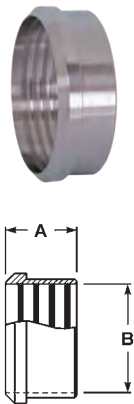
3 Long Plain Bevel Seat Weld Ferrules - 14A



Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	1.375"	.870"	14A-G100	\$15.40
1½"	1.500"	1.370"	14A-G150	19.40
2"	1.500"	1.870"	14A-G200	29.50
2½"	1.750"	2.370"	14A-G250	36.45
3"	1.750"	2.870"	14A-G300	48.00
4"	1.750"	3.834"	14A-G400	70.85

N

3¹ Recessless Plain Bevel Seat Ferrules for Expanding - 14R



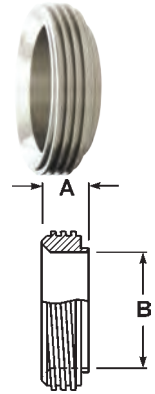
Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1½"	1.125"	1.500"	14R-G150	\$17.60
2"	1.312"	2.000"	14R-G200	23.05
2½"	1.375"	2.500"	14R-G250	29.60
3"	1.437"	3.000"	14R-G300	37.60
4"	1.500"	4.000"	14R-G400	60.30

¹ Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

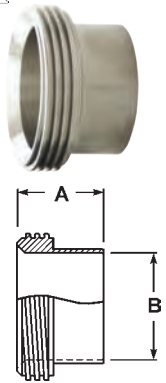
Bevel Seat Ferrules

Short Threaded Bevel Seat Weld Ferrules - 15TRF 

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	.718"	.870"	15TRF-G100	\$12.60
1½"	.718"	1.370"	15TRF-G150	15.15
2"	.750"	1.870"	15TRF-G200	20.00
2½"	.875"	2.370"	15TRF-G250	26.40
3"	.906"	2.870"	15TRF-G300	34.05
4"	1.031"	3.834"	15TRF-G400	57.15

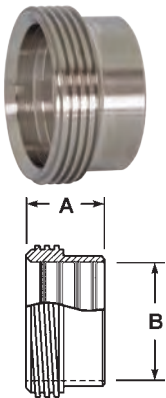
Long Threaded Bevel Seat Weld Ferrules - 15A 

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	1.375"	.870"	15A-G100	\$21.25
1½"	1.500"	1.370"	15A-G150	29.65
2"	1.500"	1.870"	15A-G200	36.85
2½"	1.750"	2.370"	15A-G250	49.30
3"	1.750"	2.870"	15A-G300	64.85
4"	1.750"	3.834"	15A-G400	96.00

Recessless Threaded Bevel Seat Ferrules for Expanding - 15R ¹

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1½"	1.125"	1.500"	15R-G150	\$24.40
2"	1.375"	2.000"	15R-G200	30.45
2½"	1.500"	2.500"	15R-G250	41.55
3"	1.675"	3.000"	15R-G300	49.10
4"	1.675"	4.000"	15R-G400	77.95

¹ Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

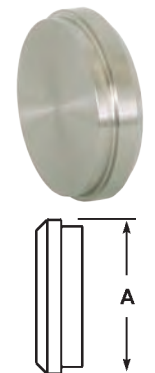


N

Bevel Seat End Caps

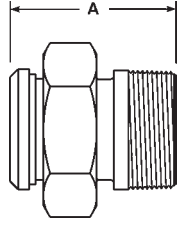
Plain Bevel Seat Solid End Caps - 16A 

Tube OD	Dimension	304 Stainless Steel	
	A	Part #	Price/E
1"	1.312"	16A-G100	\$8.60
1½"	1.843"	16A-G150	15.15
2"	2.375"	16A-G200	22.65
2½"	2.906"	16A-G250	30.25
3"	3.437"	16A-G300	44.35
4"	4.500"	16A-G400	79.85



Bevel Seat

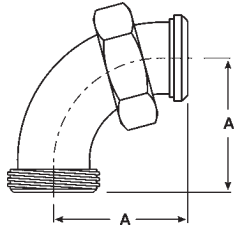
Plain Bevel Seat x Male NPT Adapters with Hex Nut - 14-19



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1½"	3.250"	14-19-G150	\$361.40
2"	3.312"	14-19-G200	441.25
3"	4.250"	14-19-G300	529.95

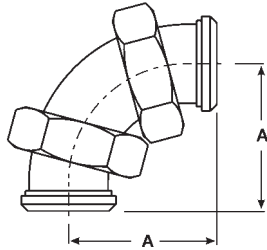
Bevel Seat Elbows

Threaded Bevel Seat x Plain Bevel Seat with Hex Nut 90° Elbows - B2F



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1½"	2.968"	B2F-G150	\$185.40
2"	3.750"	B2F-G200	192.70
2½"	4.625"	B2F-G250	256.30
3"	5.406"	B2F-G300	308.05

Plain Bevel Seat x Plain Bevel Seat with Hex Nut 90° Elbows - B2E

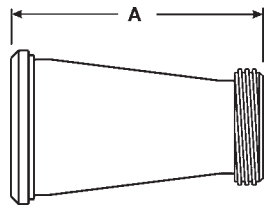


Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1½"	2.968"	B2E-G150	\$229.25
2"	3.750"	B2E-G200	287.20
2½"	4.625"	B2E-G250	302.10
3"	5.406"	B2E-G300	422.65

N

Bevel Seat Reducers

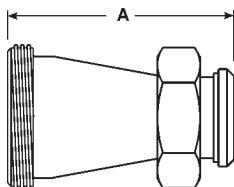
Plain Bevel Seat x Threaded Bevel Seat Concentric Reducers - B3115F



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
2" x 1½"	3.468"	B3115F-G200150	\$158.80
2½" x 2"	3.625"	B3115F-G250200	178.20
3" x 2"	5.656"	B3115F-G300200	220.70
3" x 2½"	3.781"	B3115F-G300250	274.70
4" x 3"	5.937"	B3115F-G400300	321.25

Threaded Bevel Seat x Plain Bevel Seat with Hex Nut

Concentric Reducers - B31TP



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
2" x 1½"	3.468"	B31TP-G200150	\$187.10
2½" x 2"	3.625"	B31TP-G250200	212.40
3" x 2"	5.656"	B31TP-G300200	279.50
3" x 2½"	3.781"	B31TP-G300250	315.95
4" x 3"	5.937"	B31TP-G400300	353.45

Breakaway Coupling - Bevel Seat

2014
NEW

Applications:

- Minimizes spillage and damage associated with pull away and drive away incidents

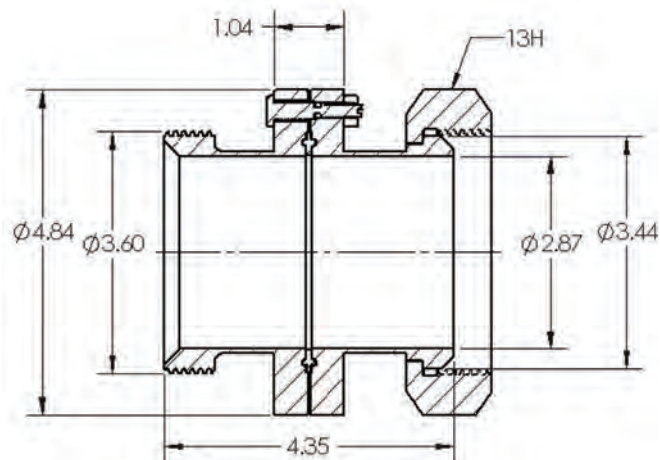
Features:

- designed to be installed between a fixed point and a hose
- coupling breaks away with an excessive load
- bevel seat connection standard
- EPDM standard clamp gasket
- working pressure: **350 PSI @ 70°F**
- 13kN break load bolts standard, other break loads available
- 316 stainless steel polished to standard $32R_a$, 3A finish
- other sizes, gaskets and connections available, contact Dixon



Size	316 Stainless Steel Part #	Price/E
3"	SBC-E300TP13	\$730.80

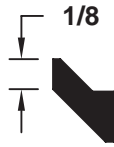
Breakaway Coupling Dimensions



N

Bevel Seat Gaskets

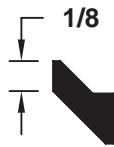
Buna-N Bevel Seat Gaskets - *Black*


Features:

- color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #	Price/E
1"	40BS-O100	\$1.60
1½"	40BS-O150	1.35
2"	40BS-O200	1.45
2½"	40BS-O250	2.55
3"	40BS-O300	3.00
4"	40BS-O400	5.30

PTFE Bevel Seat Gaskets - *White*


Features:

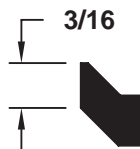
- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing

Size	PTFE Part #	Price/E
1"	40BS-S100	\$3.65
1½"	40BS-S150	3.05
2"	40BS-S200	3.40
2½"	40BS-S250	4.70
3"	40BS-S300	6.35
4"	40BS-S400	11.10



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

Heavy PTFE Bevel Seat Gaskets - *White*

N

Features:

- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing

Size	PTFE Part #	Price/E
1"	40BS-H100	\$4.45
1½"	40BS-H150	4.70
2"	40BS-H200	5.20
2½"	40BS-H250	8.25
3"	40BS-H300	9.60
4"	40BS-H400	15.80



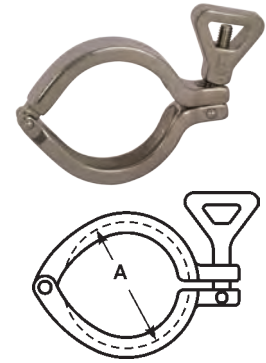
PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

I-Line Clamps

Heavy Duty Clamps - 13ILH

Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	700	250	2.122"	13ILH100-150	\$27.65
2"	450	250	2.654"	13ILH200	36.60
2½"	450	200	3.185"	13ILH250	50.15
3"	350	150	3.717"	13ILH300	60.85
4"	200	125	4.820"	13ILH400	75.15
6"	150	100	7.689"	13ILH600	142.15
8"	125	75	9.689"	13ILH800	190.45

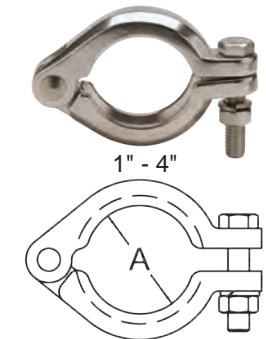
¹ wing nut tightened to 25 in. lbs. of torque



Bolted Clamps - 13ILB

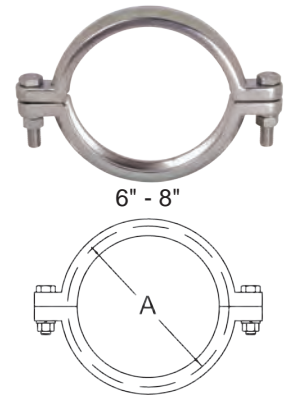
Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	1220	1100	2.122"	13ILB100-150	\$29.85
2"	900	830	2.654"	13ILB200	50.15
2½"	720	660	3.185"	13ILB250	73.00
3"	600	550	3.717"	13ILB300	104.10
4"	570	525	4.820"	13ILB400	125.75

¹ nut tightened to 20 ft. lbs. of torque



Tube OD	Service Pressure Rating @ 70°F ¹	Service Pressure Rating @ 250°F ¹	Dimension A	304 Stainless Steel	
				Part #	Price/E
6"	300	200	7.689"	13ILB600	\$190.90
8"	250	150	9.689"	13ILB800	369.75

¹ nut tightened to 20 ft. lbs. of torque



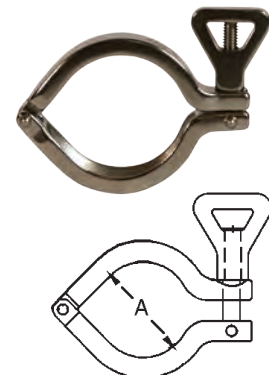
N

Q-Line Clamps

Heavy Duty Clamps - 13QLH¹

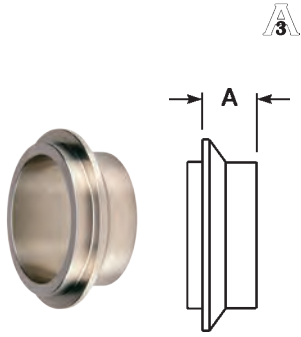
Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1" - 1½"	2.122"	13QLH100-150	\$29.35
2"	2.654"	13QLH200	38.85
2½"	3.185"	13QLH250	53.20
3"	3.717"	13QLH300	64.65
4"	4.820"	13QLH400	79.85

¹ wing nut tightened to 25 in. lbs. of torque



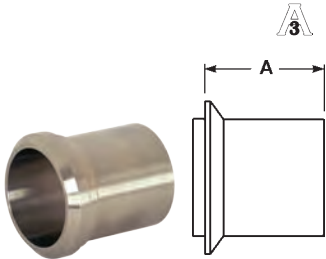
I-Line Ferrules

Male I-Line Short Weld Ferrules - 14WI



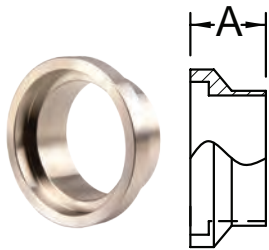
Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	.600"	14WI-G100	\$13.70	14WI-R100	\$20.20
1½"	.765"	14WI-G150	14.80	14WI-R150	20.95
2"	.790"	14WI-G200	22.60	14WI-R200	30.30
2½"	.848"	14WI-G250	31.55	14WI-R250	42.75
3"	.906"	14WI-G300	41.60	14WI-R300	65.85
4"	1.031"	14WI-G400	70.60	14WI-R400	95.65
6"	.940"	---	---	14WI-R600	346.40
8"	.940"	---	---	14WI-R800	551.25

Male I-line Long Weld Ferrules - 14WLI



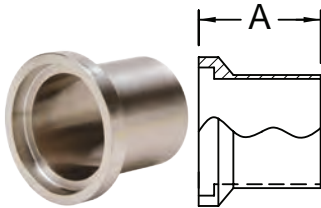
Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	1.562"	14WLI-G100	\$43.65	14WLI-R100	\$134.30
1½"	1.843"	14WLI-G150	43.70	14WLI-R150	139.70
2"	2.062"	14WLI-G200	51.45	14WLI-R200	160.85
2½"	2.188"	14WLI-G250	76.35	14WLI-R250	214.10
3"	2.375"	14WLI-G300	99.25	14WLI-R300	322.50
4"	2.688"	14WLI-G400	144.65	14WLI-R400	POR
6"	2.688"	---	---	14WLI-R600	1810.30

Female I-line Short Weld Ferrules - 15WI



Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	.785"	15WI-G100	\$14.55	15WI-R100	\$21.20
1½"	.950"	15WI-G150	14.75	15WI-R150	21.45
2"	1.040"	15WI-G200	22.60	15WI-R200	30.95
2½"	1.160"	15WI-G250	31.55	15WI-R250	44.90
3"	1.220"	15WI-G300	43.60	15WI-R300	66.95
4"	1.350"	15WI-G400	67.20	15WI-R400	97.15
6"	1.125"	---	---	15WI-R600	363.95
8"	1.125"	---	---	15WI-R800	532.35

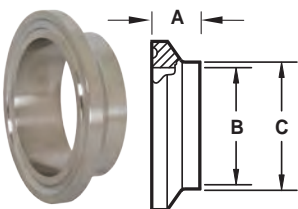
Female I-line Long Weld Ferrules - 15WLI



Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1"	1.750"	15WLI-G100	\$40.95	15WLI-R100	\$131.80
1½"	2.031"	15WLI-G150	40.95	15WLI-R150	131.80
2"	2.312"	15WLI-G200	48.15	15WLI-R200	210.05
2½"	2.500"	15WLI-G250	71.55	15WLI-R250	341.90
3"	2.688"	15WLI-G300	98.80	15WLI-R300	452.05
4"	3.000"	15WLI-G400	135.50	15WLI-R400	567.30
6"	3.000"	---	---	15WLI-R600	1631.70

Q-line Ferrules

Q-line Weld Ferrules - 14WQ



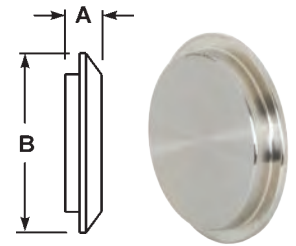
Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
1"	.531"	.870"	1.000"	14WQ-G100	\$51.85
1½"	.563"	1.370"	1.500"	14WQ-G150	38.30
2"	.813"	1.870"	2.000"	14WQ-G200	71.45
2½"	.938"	2.370"	2.500"	14WQ-G250	94.05
3"	.938"	2.870"	3.000"	14WQ-G300	163.20
4"	1.000"	3.834"	4.000"	14WQ-G400	324.95

I-Line End Caps

Male I-line Solid End Caps - 16AI-14I



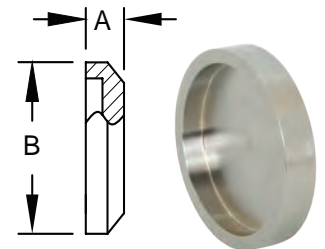
Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.500"	1.985"	16AI-14I100	\$15.25	16AI-14I100R	\$41.35
1½"	.500"	1.985"	16AI-14I150	15.25	16AI-14I150R	51.45
2"	.562"	2.640"	16AI-14I200	24.75	16AI-14I200R	60.65
2½"	.750"	3.307"	16AI-14I250	39.05	16AI-14I250R	121.25
3"	.750"	3.870"	16AI-14I300	50.75	16AI-14I300R	126.75
4"	.750"	4.870"	16AI-14I400	86.75	16AI-14I400R	209.40
6"	.750"	7.495"	---	---	16AI-14I600R	789.00
8"	.880"	9.495"	---	---	16AI-14I800R	823.55



Female I-line Solid End Caps - 16AI-15I



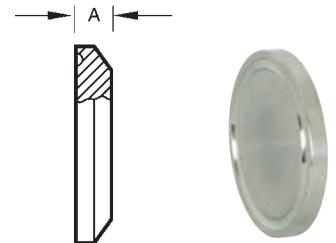
Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.500"	1.985"	16AI-15I100	\$17.15	16AI-15I100R	\$55.10
1½"	.500"	1.985"	16AI-15I150	17.15	16AI-15I150R	50.70
2"	.562"	2.640"	16AI-15I200	24.75	16AI-15I200R	82.65
2½"	.750"	3.307"	16AI-15I250	39.05	16AI-15I250R	186.80
3"	.750"	3.870"	16AI-15I300	50.75	16AI-15I300R	184.60
4"	.750"	4.870"	16AI-15I400	86.75	16AI-15I400R	280.45
6"	.750"	7.495"	---	---	16AI-15I600R	565.10
8"	.880"	9.495"	---	---	16AI-15I800R	1508.35



Q-Line Solid End Caps - 16AQ



Tube OD	Dimension A	304 Stainless Steel	
		Part #	Price/E
1"	.313"	16AQ-G100	\$39.80
1½"	.313"	16AQ-G150	39.80
2"	.438"	16AQ-G200	61.15
2½"	.500"	16AQ-G250	84.85
3"	.500"	16AQ-G300	136.95
4"	.625"	16AQ-G400	304.80



N

I-Line Gaskets

Buna-N I-Line Gaskets - Black

**Features:**

- color code: red dot
- meets 21CFR 177.2600
- 3/32" thickness

Size	Buna-N Part #	Price/E
1"	40IH100	\$1.65
1½"	40IH150	1.45
2"	40IH200	1.60
2½"	40IH250	2.40
3"	40IH300	2.95
4"	40IH400	3.85
6"	40IH600	36.65
8"	40IH800	41.45

PTFE I-Line Gaskets - White

**Features:**

- color code: no dot
- meets 21CFR 177.1550
- passed USP class VI cytotoxicity testing
- 1/16" thickness

PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.



Size	PTFE Part #	Price/E
1"	40IT100	\$2.75
1½"	40IT150	3.25
2"	40IT200	3.45
2½"	40IT250	4.00
3"	40IT300	4.55
4"	40IT400	6.05
6"	40IT600	129.30
8"	40IT800	152.15

EPDM I-Line Gaskets - White

**Features:**

- color code: three green dots
- meets 21CFR 177.2600
- passed USP class VI cytotoxicity testing
- peroxide cured
- 3/32" thickness

Size	EPDM Part #	Price/E
1"	40IE100	\$2.60
1½"	40IE150	2.60
2"	40IE200	3.10
2½"	40IE250	3.80
3"	40IE300	4.35
4"	40IE400	7.50
6"	40IE600	POR
8"	40IE800	35.45

FKM I-Line Gaskets - Black

**Features:**

- color code: one white dot, one yellow dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- peroxide cured
- 1/16" thickness

Size	FKM Part #	Price/E
1"	40IV100	\$8.95
1½"	40IV150	10.90
2"	40IV200	12.75
2½"	40IV250	15.15
3"	40IV300	19.00
4"	40IV400	23.90
6"	40IV600	117.70
8"	40IV800	115.60

Q-line Gaskets

Buna-N Q-Line Gaskets - Black

**Features:**

- color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #	Price/E
1"	40QH100	\$3.55
1½"	40QH150	3.30
2"	40QH200	4.35
2½"	40QH250	5.45
3"	40QH300	7.05
4"	40QH400	11.45

PTFE Q-Line Gaskets - White

**Features:**

- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing

PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.



Size	PTFE Part #	Price/E
1"	40QT100	\$10.40
1½"	40QT150	10.40
2"	40QT200	13.40
2½"	40QT250	18.10
3"	40QT300	19.20
4"	40QT400	27.60

Pipe Size Clamps

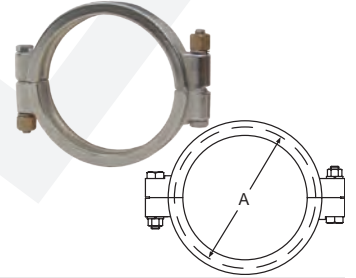
Schedule 5S and 10S Single Pin Heavy Duty Clamps - 13MHHV

Pipe Size	Service pressure rating @ 70°F ¹	Dimension A	304 Stainless Steel	
			Part #	Price/E
1"	500	2.122"	13MHHV100	\$15.15
1½"	450	2.654"	13MHHV150	17.15
2"	400	3.185"	13MHHV200	19.65
2½"	350	3.717"	13MHHV250	21.35
3"	250	4.263"	13MHHV300	42.95
4"	150	5.263"	13MHHV400	67.50
6"	100	7.500"	13MHHV600	219.00

¹ wing nut tightened to 25 ft. lbs. of torque

Bolted Clamp - 13MHPV400

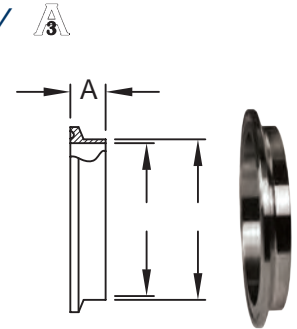
Pipe Size	Service pressure rating @ 70°F ¹	Dimension A	304 Stainless Steel	
			Part #	Price/E
4"	400	5.187"	13MHPV400	\$89.50

¹ nut tightened to 20 ft. lbs. of torque

Pipe Size Ferrules

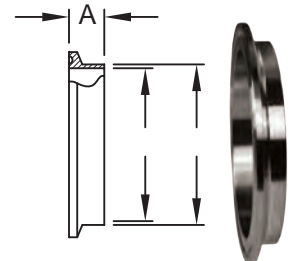
Schedule 5S Short Weld Ferrules - 14WMV

Pipe Size	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	.500"	1.185"	1.315"	14WMV-R100	\$32.35
1½"	.500"	1.770"	1.900"	14WMV-R150	43.95
2"	.500"	2.245"	2.375"	14WMV-R200	64.80
2½"	.500"	2.709"	2.875"	14WMV-R250	83.60
3"	.500"	3.334"	3.500"	14WMV-R300	104.95
4"	.625"	4.334"	4.500"	14WMV-R400	175.95
6"	.875"	6.407"	6.625"	14WMV-R600	203.25



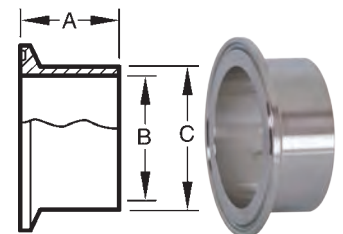
Schedule 10S Short Weld Ferrules - 14WMX

Pipe Size	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	.500"	1.097"	1.315"	14WMX-R100	\$32.35
1½"	.500"	1.682"	1.900"	14WMX-R150	43.95
2"	.500"	2.157"	2.375"	14WMX-R200	64.80
2½"	.500"	2.635"	2.875"	14WMX-R250	83.60
3"	.500"	3.260"	3.500"	14WMX-R300	104.95
4"	.625"	4.260"	4.500"	14WMX-R400	175.95



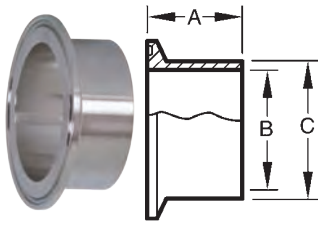
Schedule 5S Long Weld Ferrules - L14AM7V

Pipe Size	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	1.125"	1.185"	1.315"	L14AM7V-R100	\$63.65
1½"	1.125"	1.770"	1.900"	L14AM7V-R150	80.65
2"	1.125"	2.245"	2.375"	L14AM7V-R200	120.55
2½"	1.125"	2.709"	2.875"	L14AM7V-R250	140.90
3"	1.125"	3.334"	3.500"	L14AM7V-R300	198.40
4"	1.125"	4.334"	4.500"	L14AM7V-R400	295.40



Pipe Size Ferrules

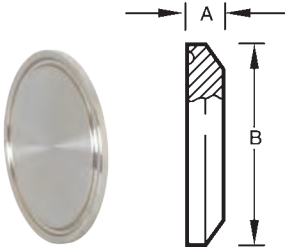
Schedule 10S Long Weld Ferrules - L14AM7X



Pipe Size	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	1.125"	1.097"	1.315"	L14AM7X-R100	\$63.65
1½"	1.125"	1.682"	1.900"	L14AM7X-R150	80.65
2"	1.125"	2.157"	2.375"	L14AM7X-R200	120.55
2½"	1.125"	2.635"	2.875"	L14AM7X-R250	140.90
3"	1.125"	3.260"	3.500"	L14AM7X-R300	198.40
4"	1.125"	4.260"	4.500"	L14AM7X-R400	295.40

Pipe Size End Caps

Schedule 5S and 10S Solid End Caps - 16AMV

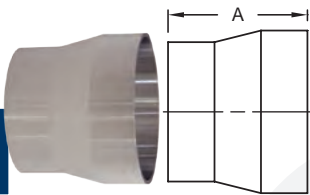


Pipe Size	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.250"	1.984"	16AMV-G100	\$8.20	16AMV-R100	\$10.55
1½"	.250"	2.516"	16AMV-G150	9.00	16AMV-R150	13.60
2"	.250"	3.047"	16AMV-G200	13.50	16AMV-R200	19.70
2½"	.250"	3.579"	16AMV-G250	18.50	16AMV-R250	26.70
3"	.312"	4.125"	16AMV-G300	225.45	16AMV-R300	230.95
4"	.312"	5.125"	16AMV-G400	287.85	16AMV-R400	289.05

- Specify if you are using a piping system or a tubing system when ordering.

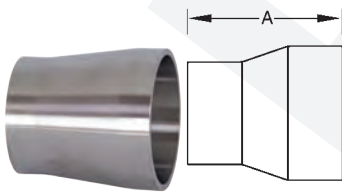
Pipe Size Adapters

Tube OD Weld x Schedule 5S Weld Adapters - B19WV



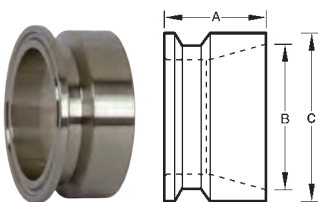
Pipe Size	Dimension A	Tube Wall Thickness	Pipe Wall Thickness	316L Stainless Steel	
				Part #	Price/E
1"	2.000"	.065"	.065"	B19WV-R100	\$94.05
1½"	2.500"	.065"	.065"	B19WV-R150	104.80
2"	2.500"	.065"	.065"	B19WV-R200	122.55
2½"	2.500"	.065"	.084"	B19WV-R250	144.40
3"	2.500"	.065"	.084"	B19WV-R300	164.85
4"	3.000"	.084"	.084"	B19WV-R400	309.10

Tube OD Weld x Schedule 10S Weld Adapters - B19WX



Pipe Size	Dimension A	Tube Wall Thickness	Pipe Wall Thickness	316L Stainless Steel	
				Part #	Price/E
1"	2.000"	.065"	.109"	B19WX-R100	\$89.00
1½"	2.500"	.065"	.109"	B19WX-R150	99.05
2"	2.500"	.065"	.109"	B19WX-R200	115.95
2½"	2.500"	.065"	.120"	B19WX-R250	136.55
3"	2.500"	.065"	.120"	B19WX-R300	155.85
4"	3.000"	.084"	.120"	B19WX-R400	292.15

Clamp x Schedule 10S Weld Adapters - B19MPX

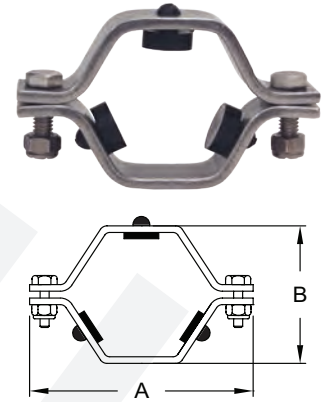


Pipe Size	Dimensions			Pipe Wall Thickness	316L Stainless Steel	
	A	B	C		Part #	Price/E
1"	1.125"	1.097"	1.315"	.109"	B19MPX-R100	\$70.65
1½"	1.125"	1.682"	1.900"	.109"	B19MPX-R150	140.65
2"	1.125"	2.157"	2.375"	.109"	B19MPX-R200	211.75
2½"	1.125"	2.635"	2.875"	.120"	B19MPX-R250	232.40
3"	1.125"	3.260"	3.500"	.120"	B19MPX-R300	289.00
4"	1.125"	4.260"	4.500"	.120"	B19MPX-R400	347.15

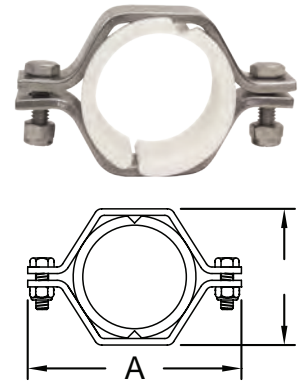
Pipe Size Hangers

Pipe Size Hex Hanger with Rubber Grommets - *B24RV*¹

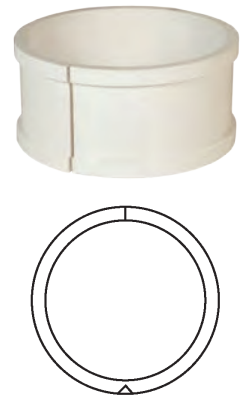
Pipe Size	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	3.625"	2.125"	B24RV-G100	\$23.30
1½"	3.625"	2.125"	B24RV-G150	25.40
2"	4.312"	2.625"	B24RV-G200	26.35
2½"	4.875"	3.125"	B24RV-G250	29.95
3"	5.375"	3.625"	B24RV-G300	37.35
4"	7.500"	4.750"	B24RV-G400	37.90
6"	9.000"	6.625"	B24RV-G600	107.30

¹ for coupler options call Dixon SanitaryPipe Size Hex Hanger with Polypropylene Sleeves - *B24PV*¹

Pipe Size	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
1"	3.750"	3.000"	B24PV-G100	\$33.65
1½"	4.312"	2.625"	B24PV-G150	34.25
2"	5.000"	3.125"	B24PV-G200	40.15
2½"	5.625"	3.500"	B24PV-G250	49.60
3"	6.000"	4.250"	B24PV-G300	49.85
4"	7.500"	2.000"	B24PV-G400	56.75
6"	9.750"	7.125"	B24PV-G600	200.70

¹ for coupler options call Dixon SanitaryPipe Size Sleeves - *13PV*

Pipe Size	Polypropylene	
	Part #	Price/E
1"	13PV-100	\$18.35
1½"	13PV-150	18.35
2"	13PV-200	19.50
2½"	13PV-250	27.90
3"	13PV-300	28.55
4"	13PV-400	32.00
6"	13PV-600	123.50



N

Schedule 5S and 10S Pipe Gaskets

Buna-N Pipe Gaskets- 40MPV-U


**Features:**

- color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #	Price/E
1"	40MPV-U100	\$7.05
1½"	40MPV-U150	7.05
2"	40MPV-U200	7.05
2½"	40MPV-U250	7.40
3"	40MPV-U300	7.90
4"	40MPV-U400	8.70

PTFE Pipe Gaskets - 40MPV-G

**Features:**

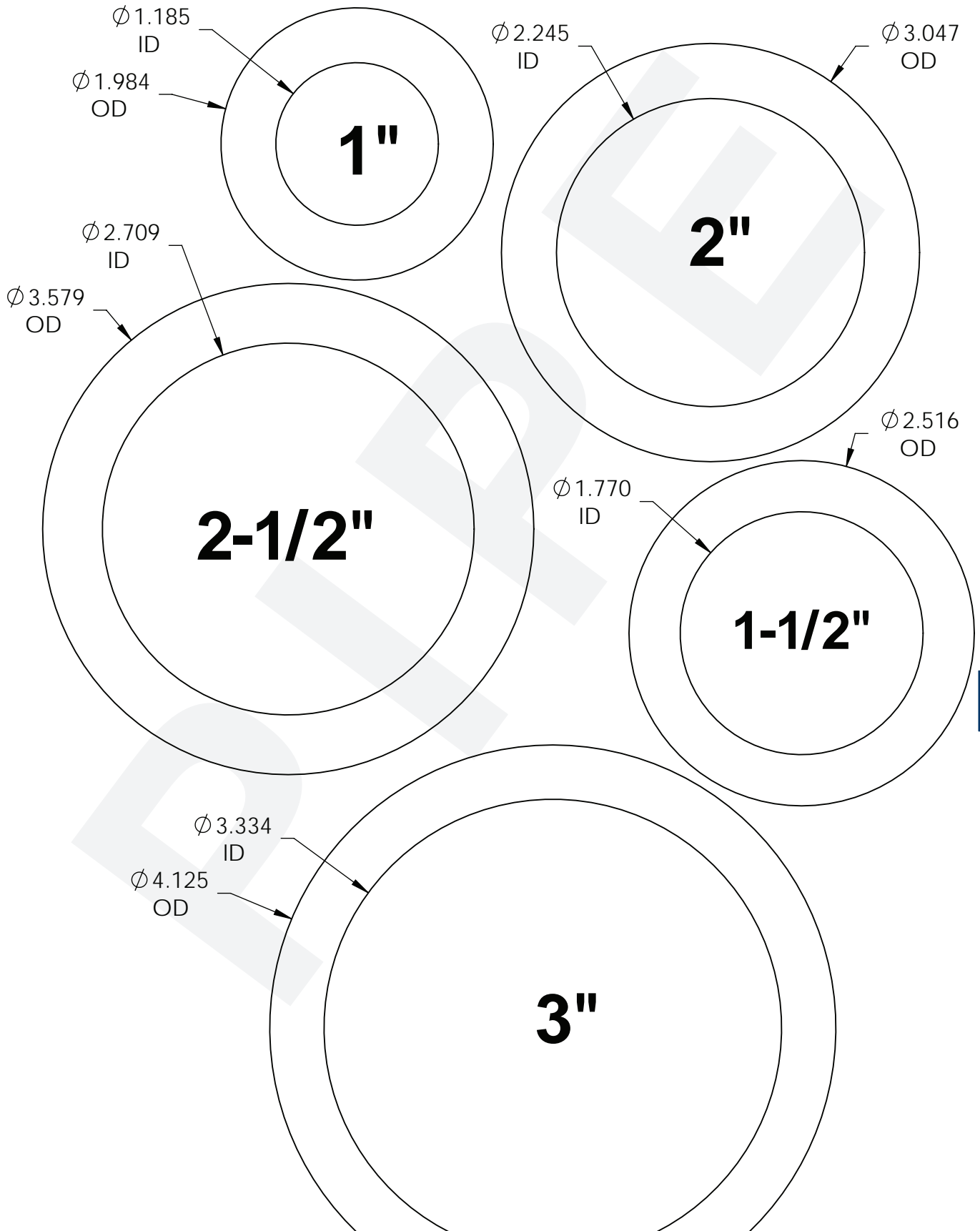
- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps 

Size	PTFE Part #	Price/E
1"	40MPV-G100	\$31.30
1½"	40MPV-G150	23.65
2"	40MPV-G200	35.50
2½"	40MPV-G250	51.75
3"	40MPV-G300	69.00
4"	40MPV-G400	67.15



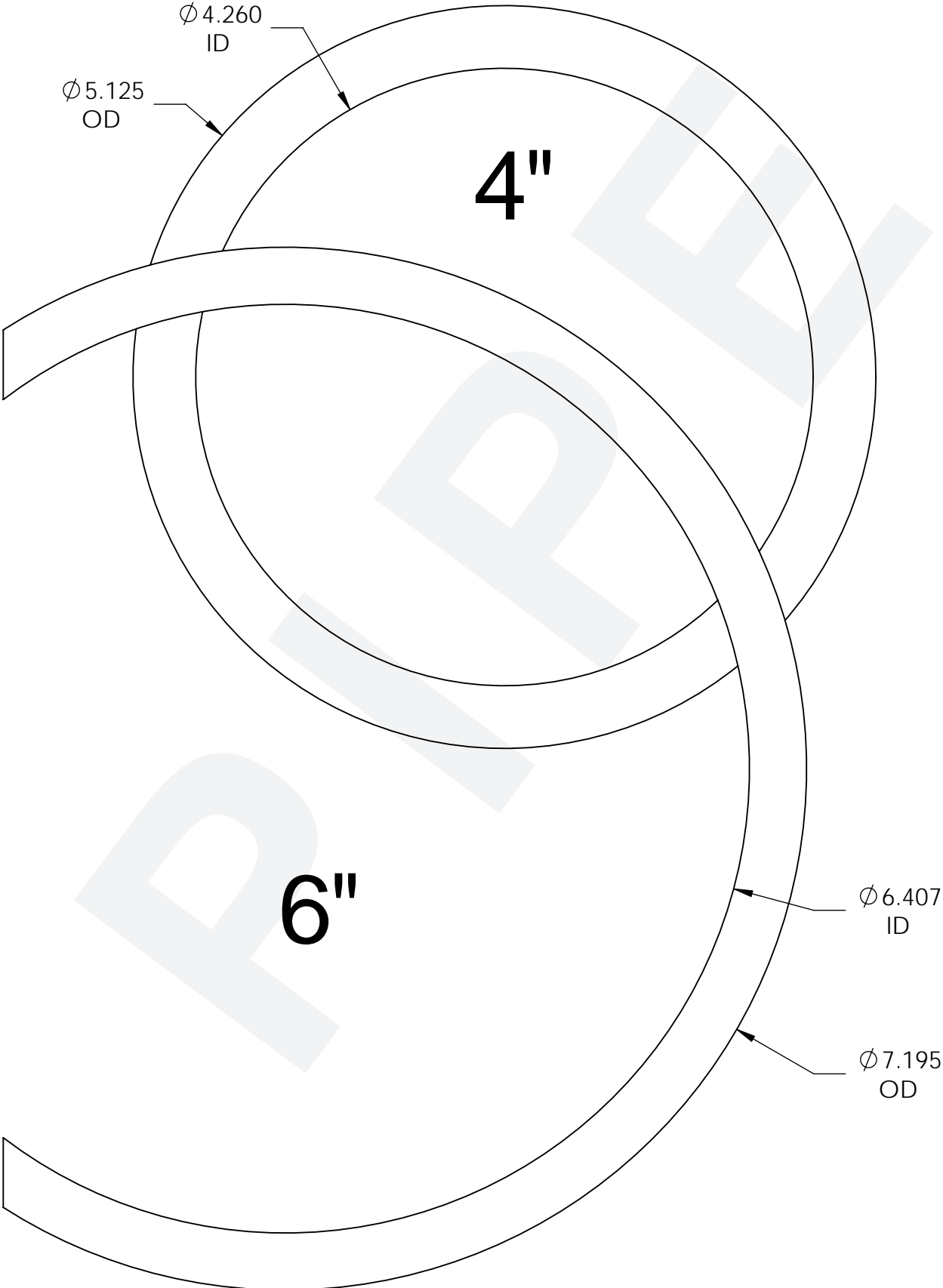
PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

Pipe Fittings and Gasket Sizing Guide



N

Pipe Fittings and Gasket Sizing Guide

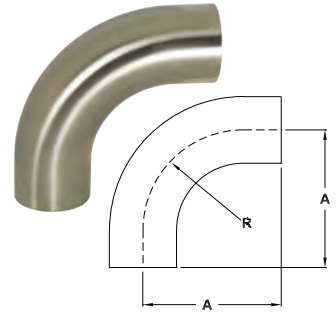


N

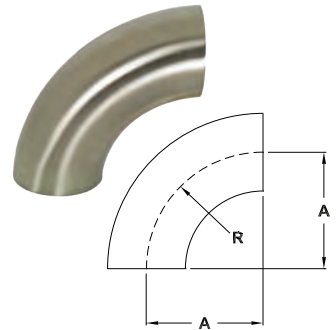
Weld Elbows

Polished 90° Weld Elbows with Tangents - B2S 

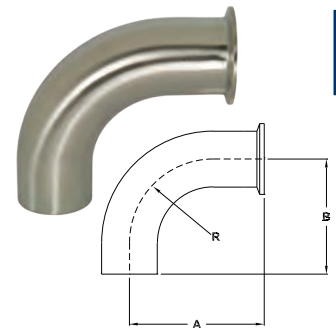
Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
1/2"	3.000"	1.125"	.065"	---	---	B2S-R50P	\$72.75
3/4"	3.000"	1.125"	.065"	---	---	B2S-R75P	72.75
1"	2.062"	1.500"	.065"	B2S-G100P	\$30.40	B2S-R100P	34.00
1 1/2"	2.937"	2.250"	.065"	B2S-G150P	32.55	B2S-R150P	37.95
2"	4.062"	3.000"	.065"	B2S-G200P	35.35	B2S-R200P	52.40
2 1/2"	5.187"	3.750"	.065"	B2S-G250P	50.30	B2S-R250P	78.90
3"	6.312"	4.500"	.065"	B2S-G300P	73.25	B2S-R300P	108.75
4"	8.312"	6.000"	.083"	B2S-G400P	131.00	B2S-R400P	199.75

Polished 90° Weld Elbows - B2WCL 

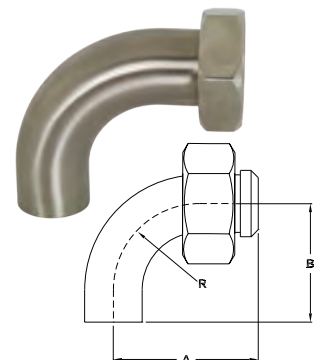
Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
1/2"	1.125"	1.125"	.065"	---	---	B2WCL-R50P	\$31.50
3/4"	1.125"	1.125"	.065"	---	---	B2WCL-R75P	31.50
1"	1.500"	1.500"	.065"	B2WCL-G100P	\$16.35	B2WCL-R100P	19.70
1 1/2"	2.250"	2.250"	.065"	B2WCL-G150P	20.90	B2WCL-R150P	26.35
2"	3.000"	3.000"	.065"	B2WCL-G200P	28.55	B2WCL-R200P	36.30
2 1/2"	3.750"	3.750"	.065"	B2WCL-G250P	45.90	B2WCL-R250P	60.10
3"	4.500"	4.500"	.065"	B2WCL-G300P	65.30	B2WCL-R300P	83.40
4"	6.000"	6.000"	.083"	B2WCL-G400P	125.00	B2WCL-R400P	152.00
6"	9.000"	9.000"	.109"	B2WCL-G600P	460.75	B2WCL-R600P	498.75
8"	12.000"	12.000"	.120"	B2WCL-G800P	1305.95	B2WCL-R800P	1479.60

Polished 90° Clamp x Weld Elbows - B2CM 

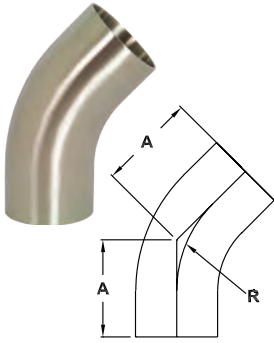
Tube OD	Dimensions			Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	R		Part #	Price/E	Part #	Price/E
1"	2.562"	2.062"	1.500"	.065"	B2CM-G100	\$75.70	B2CM-R100	\$92.05
1 1/2"	3.438"	2.937"	2.250"	.065"	B2CM-G150	75.70	B2CM-R150	92.05
2"	4.562"	4.062"	3.000"	.065"	B2CM-G200	84.90	B2CM-R200	104.15
2 1/2"	5.688"	5.187"	3.750"	.065"	B2CM-G250	111.10	B2CM-R250	154.60
3"	6.812"	6.312"	4.500"	.065"	B2CM-G300	147.75	B2CM-R300	215.65
4"	8.937"	8.312"	6.000"	.083"	B2CM-G400	253.25	B2CM-R400	320.20

Polished 90° Plain Bevel Seat with Hex Nut x Weld Elbows - B2FP 

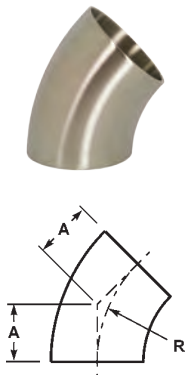
Tube OD	Dimensions			Wall Thickness	polished ID/OD 304 Stainless Steel	
	A	B	R		Part #	Price/E
1 1/2"	3.656"	2.937"	2.250"	.065"	B2FP-G150	\$132.65
2"	4.812"	4.062"	3.000"	.065"	B2FP-G200	148.75
2 1/2"	6.062"	5.187"	3.750"	.065"	B2FP-G250	234.80
3"	7.218"	6.312"	4.500"	.065"	B2FP-G300	256.80



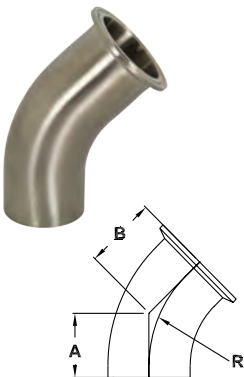
Weld Elbows

 Polished 45° Weld Elbows with Tangents - B2KS


Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
¾"	2.250"	2.250"	.065"	---	---	B2KS-R75P	\$108.90
1"	1.188"	1.188"	.065"	B2KS-G100P	\$25.05	B2KS-R100P	27.15
1½"	1.625"	1.625"	.065"	B2KS-G150P	27.15	B2KS-R150P	31.95
2"	2.312"	2.312"	.065"	B2KS-G200P	33.55	B2KS-R200P	44.20
2½"	3.000"	3.000"	.065"	B2KS-G250P	46.25	B2KS-R250P	61.65
3"	3.688"	3.688"	.065"	B2KS-G300P	62.55	B2KS-R300P	88.70
4"	4.812"	4.812"	.083"	B2KS-G400P	107.60	B2KS-R400P	144.80

 Polished 45° Weld Elbows - B2WK


Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
1"	.625"	1.500"	.065"	B2WK-G100P	\$19.50	B2WK-R100P	\$21.05
1½"	.937"	2.250"	.065"	B2WK-G150P	18.80	B2WK-R150P	21.45
2"	1.250"	3.000"	.065"	B2WK-G200P	24.75	B2WK-R200P	34.25
2½"	1.562"	3.750"	.065"	B2WK-G250P	36.20	B2WK-R250P	49.70
3"	1.875"	4.500"	.065"	B2WK-G300P	61.25	B2WK-R300P	79.15
4"	2.500"	6.000"	.083"	B2WK-G400P	109.45	B2WK-R400P	149.60
6"	3.750"	9.000"	.109"	B2WK-G600P	370.50	B2WK-R600P	455.15
8"	5.000"	12.000"	.120"	---	---	B2WK-R800P	1024.60

 Polished 45° Clamp x Weld Elbows - B2KM


Tube OD	Dimensions			Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	R		Part #	Price/E	Part #	Price/E
1"	1.188"	1.688"	1.500"	.065"	B2KM-G100	\$85.95	B2KM-R100	\$101.45
1½"	1.625"	2.125"	2.250"	.065"	B2KM-G150	94.70	B2KM-R150	90.60
2"	2.312"	2.812"	3.000"	.065"	B2KM-G200	113.10	B2KM-R200	118.80
2½"	3.000"	3.500"	3.750"	.065"	B2KM-G250	148.70	B2KM-R250	150.95
3"	3.688"	4.188"	4.500"	.065"	B2KM-G300	189.50	B2KM-R300	196.10
4"	4.812"	5.437"	6.000"	.083"	B2KM-G400	255.20	B2KM-R400	323.65

N

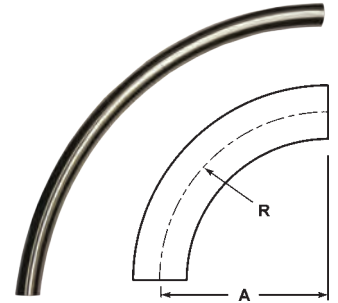
Weld Sweep Elbows

Feature:

- Available options: call Dixon Sanitary for tangents, 45° and other radii elbows.

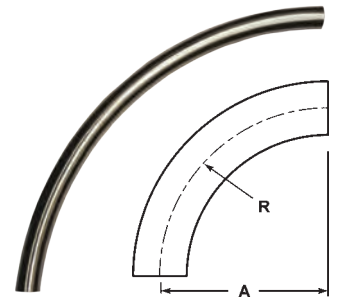
Polished 12" 90° Weld Sweep Elbows - B2SXL

Tube OD	Dimensions		316L Stainless Steel	
	A	R	Part #	Price/E
1½"	12.00"	12.00"	B2SXL12-R150	\$721.45
2"	12.00"	12.00"	B2SXL12-R200	716.55
3"	12.00"	12.00"	B2SXL12-R300	840.90
4"	12.00"	12.00"	B2SXL12-R400	1145.50



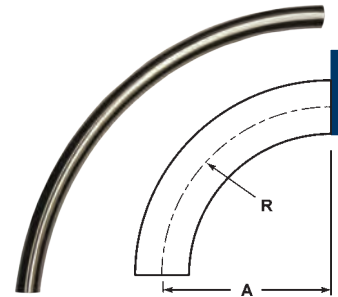
Polished 18" 90° Weld Sweep Elbows - B2SXL

Tube OD	Dimensions		316L Stainless Steel	
	A	R	Part #	Price/E
1½"	18.00"	18.00"	B2SXL18-R150	\$926.15
2"	18.00"	18.00"	B2SXL18-R200	926.15
2½"	18.00"	18.00"	B2SXL18-R250	945.65
3"	18.00"	18.00"	B2SXL18-R300	1121.15



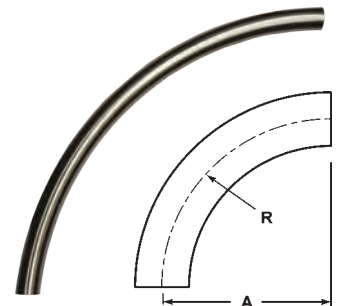
Polished 24" 90° Weld Sweep Elbows - B2SXL

Tube OD	Dimensions		316L Stainless Steel	
	A	R	Part #	Price/E
1½"	24.00"	24.00"	B2SXL24-R150	\$753.35
2"	24.00"	24.00"	B2SXL24-R200	945.60
2½"	24.00"	24.00"	B2SXL24-R250	1023.65
3"	24.00"	24.00"	B2SXL24-R300	1243.05



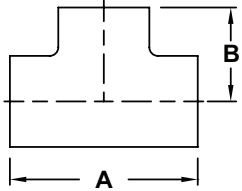
Polished 36" 90° Weld Sweep Elbows - B2SXL

Tube OD	Dimensions		316L Stainless Steel	
	A	R	Part #	Price/E
3"	36.00"	36.00"	B2SXL36-R300	\$2059.50
4"	36.00"	36.00"	B2SXL36-R400	2620.00



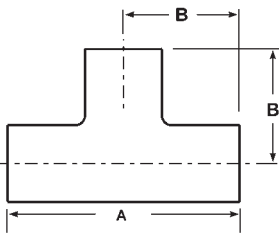
Weld Tees

3 Polished Short Weld Tees - B7WWW



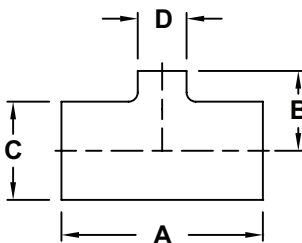
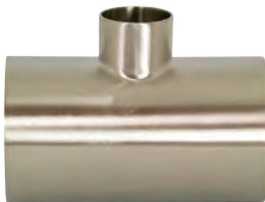
Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
1"	2.250"	1.125"	.065"	B7WWW-G100P	\$35.25	B7WWW-R100P	\$41.95
1½"	3.312"	1.656"	.065"	B7WWW-G150P	39.80	B7WWW-R150P	43.90
2"	4.124"	2.062"	.065"	B7WWW-G200P	50.05	B7WWW-R200P	55.70
2½"	4.688"	2.344"	.065"	B7WWW-G250P	61.85	B7WWW-R250P	76.40
3"	5.188"	2.594"	.065"	B7WWW-G300P	87.45	B7WWW-R300P	107.50
4"	6.876"	3.438"	.083"	B7WWW-G400P	135.40	B7WWW-R400P	158.80

3 Polished Long Weld Tees - B7W



Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
¾"	4.000"	2.000"	.065"	---	---	B7W-R75P	\$133.20
1"	3.750"	1.875"	.065"	B7W-G100P	\$39.90	B7W-R100P	47.40
1½"	4.500"	2.250"	.065"	B7W-G150P	39.85	B7W-R150P	52.20
2"	6.000"	3.000"	.065"	B7W-G200P	47.40	B7W-R200P	73.75
2½"	6.000"	3.000"	.065"	B7W-G250P	64.95	B7W-R250P	102.45
3"	6.500"	3.250"	.065"	B7W-G300P	97.10	B7W-R300P	127.20
4"	7.750"	3.875"	.083"	B7W-G400P	144.25	B7W-R400P	211.80

3 Polished Reducing Weld Tees - B7RWWW



Tube OD	Dimensions				Wall Thk.	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	C	D		Part #	Price/E	Part #	Price/E
1½" x 1"	3.312"	1.375"	1.500"	1.000"	.065"	B7RWWW-G150100P	\$68.45	B7RWWW-R150100P	\$76.00
2" x 1"	4.124"	1.625"	2.000"	1.000"	.065"	B7RWWW-G200100P	84.20	B7RWWW-R200100P	96.30
2" x 1½"	4.124"	1.906"	2.000"	1.500"	.065"	B7RWWW-G200150P	84.20	B7RWWW-R200150P	96.30
2½" x 1½"	4.688"	2.156"	2.500"	1.500"	.065"	B7RWWW-G250150P	92.30	B7RWWW-R250150P	98.55
2½" x 2"	4.688"	2.312"	2.500"	2.000"	.065"	B7RWWW-G250200P	92.30	B7RWWW-R250200P	98.55
3" x 1½"	5.188"	2.406"	3.000"	1.500"	.065"	B7RWWW-G300150P	129.40	B7RWWW-R300150P	157.30
3" x 2"	5.188"	2.562"	3.000"	2.000"	.065"	B7RWWW-G300200P	129.40	B7RWWW-R300200P	157.30
4" x 2"	6.876"	3.062"	4.000"	2.000"	.083"	B7RWWW-G400200P	198.25	B7RWWW-R400200P	251.40
4" x 3"	6.876"	3.094"	4.000"	3.000"	.083"	B7RWWW-G400300P	198.25	B7RWWW-R400300P	251.40

N

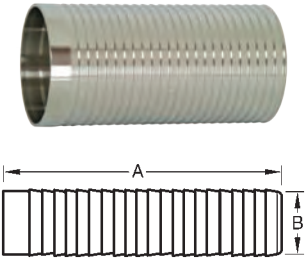
Weld Adapters

Long Weld Hose Adapters - 14WHRL

Feature:

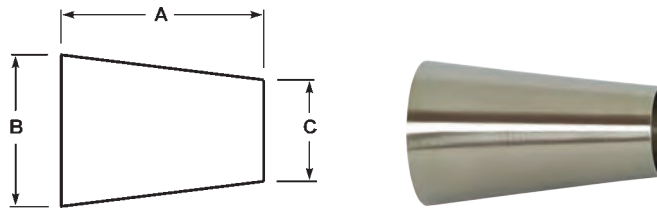
- suitable for use with band clamps

Tube OD	Dimensions		Wall Thickness	316L Stainless Steel	
	A	B		Part #	Price/E
1"	3.000"	1.030"	.116"	14WHRL-R100	\$37.95
1½"	4.500"	1.030"	.116"	14WHRL-R150	64.75
2"	4.500"	2.030"	.116"	14WHRL-R200	82.55
2½"	5.000"	2.530"	.116"	14WHRL-R250	112.90
3"	5.000"	3.030"	.116"	14WHRL-R300	134.65
4"	4.875"	4.030"	.116"	14WHRL-R400	188.80



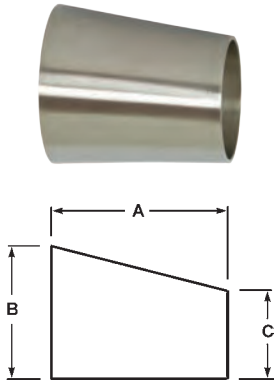
Use of PVC tubing requires special installation techniques to prevent leakage. All assembly work must be done with heated tube. Cold durometer is 90 as opposed to rubber hose at 65 to 70 durometer. Banding buckles must be at 180° from one another.

Weld Reducers

Polished Concentric Weld Reducers - B31W 

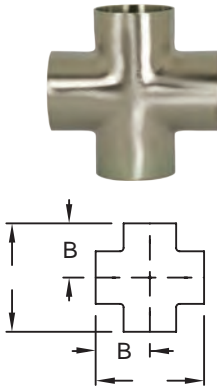
Tube OD	Dimensions			Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	C		Part #	Price/E	Part #	Price/E
¾" x ½"	1.000"	.750"	.500"	.065"	---	---	B31W-R7550P	\$105.85
1" x ½"	2.000"	1.000"	.500"	.065"	---	---	B31W-R10050P	83.25
1" x ¾"	1.000"	1.000"	.750"	.065"	---	---	B31W-R10075P	100.65
1½" x ¾"	3.000"	1.500"	.750"	.065"	---	---	B31W-R15075P	166.80
1½" x 1"	2.000"	1.500"	1.000"	.065"	B31W-G150100P	\$39.10	B31W-R150100P	55.20
2" x 1"	4.000"	2.000"	1.000"	.065"	B31W-G200100P	68.80	B31W-R200100P	108.25
2" x 1½"	2.000"	2.000"	1.500"	.065"	B31W-G200150P	39.80	B31W-R200150P	67.25
2½" x 1½"	4.000"	2.500"	1.500"	.065"	B31W-G250150P	65.30	B31W-R250150P	109.10
2½" x 2"	2.000"	2.500"	2.000"	.065"	B31W-G250200P	46.40	B31W-R250200P	73.25
3" x 1½"	6.000"	3.000"	1.500"	.065"	B31W-G300150P	121.10	B31W-R300150P	179.25
3" x 2"	4.000"	3.000"	2.000"	.065"	B31W-G300200P	68.20	B31W-R300200P	109.70
3" x 2½"	2.000"	3.000"	2.500"	.065"	B31W-G300250P	80.90	B31W-R300250P	133.65
4" x 2"	8.000"	4.000"	2.000"	.083"	B31W-G400200P	176.00	B31W-R400200P	246.05
4" x 2½"	6.000"	4.000"	2.500"	.083"	B31W-G400250P	188.65	B31W-R400250P	226.90
4" x 3"	4.000"	4.000"	3.000"	.083"	B31W-G400300P	101.10	B31W-R400300P	128.70
6" x 3"	5.500"	6.000"	3.000"	.109"	B31W-G600300P	309.40	B31W-R600300P	460.30
6" x 4"	5.500"	6.000"	4.000"	.109"	B31W-G600400P	309.40	B31W-R600400P	343.65

Weld Reducers

 Polished Eccentric Weld Reducers - B32W


Tube OD	Dimensions			Wall Thk.	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B	C		Part #	Price/E	Part #	Price/E
1" x 1/2"	2.000"	1.000"	.500"	.065"	---	---	B32W-R10050P	\$177.30
2" x 1"	4.000"	2.000"	1.000"	.065"	B32W-G200100P	\$143.00	B32W-R200100P	158.20
2" x 1 1/2"	2.000"	2.000"	1.500"	.065"	B32W-G200150P	66.15	B32W-R200150P	89.65
2 1/2" x 2"	2.000"	2.500"	2.000"	.065"	B32W-G250200P	69.40	B32W-R250200P	91.80
3" x 2"	4.000"	3.000"	2.000"	.065"	B32W-G300200P	112.30	B32W-R300200P	126.90
3" x 2 1/2"	2.000"	3.000"	2.500"	.065"	B32W-G300250P	121.85	B32W-R300250P	141.75
4" x 2"	8.000"	4.000"	2.000"	.083"	B32W-G400200P	233.15	B32W-R400200P	274.15
4" x 3"	4.000"	4.000"	3.000"	.083"	B32W-G400300P	134.05	B32W-R400300P	184.85

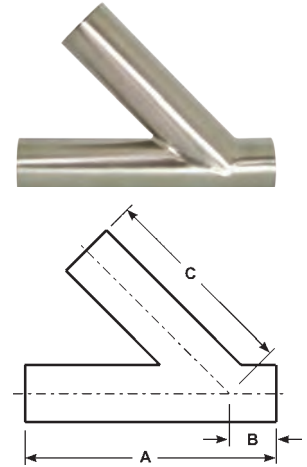
Weld Crosses

 Polished Weld Crosses - B9WWWW


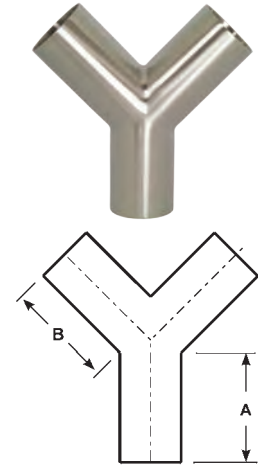
Tube OD	Dimensions		Wall Thickness	polished ID/OD 304 Stainless Steel		polished ID/OD 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
1 1/2"	3.312"	1.656"	.065"	B9WWWW-G150P	\$170.70	B9WWWW-R150P	\$312.85
2"	4.125"	2.062"	.065"	B9WWWW-G200P	212.85	B9WWWW-R200P	356.55
3"	5.187"	2.593"	.065"	B9WWWW-G300P	307.20	B9WWWW-R300P	578.40
4"	6.875"	3.437"	.083"	B9WWWW-G400P	474.00	B9WWWW-R400P	739.45

Miscellaneous **Weld Configurations**Polished Weld Laterals - *B28WA* 

Tube OD	Dimensions			Wall Thickness	polished ID/OD 316L Stainless Steel	
	A	B	C		Part #	Price/E
1"	6.000"	1.000"	5.000"	.065"	<i>B28WA-R100P</i>	\$463.95
1½"	7.375"	1.188"	6.188"	.065"	<i>B28WA-R150P</i>	463.95
2"	8.750"	1.625"	7.125"	.065"	<i>B28WA-R200P</i>	553.85
2½"	10.000"	1.500"	8.500"	.065"	<i>B28WA-R250P</i>	668.60
3"	10.750"	1.875"	8.875"	.065"	<i>B28WA-R300P</i>	767.15
4"	12.812"	2.015"	10.750"	.083"	<i>B28WA-R400P</i>	1214.15

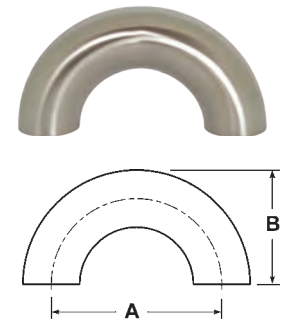
Polished Weld True Wyes - *B28W* 

Tube OD	Dimensions		Wall Thickness	polished ID/OD 316L Stainless Steel	
	A	B		Part #	Price/E
1"	2.000"	2.438"	.065"	<i>B28W-R100P</i>	\$420.55
1½"	2.000"	2.438"	.065"	<i>B28W-R150P</i>	438.05
2"	2.625"	3.250"	.065"	<i>B28W-R200P</i>	482.75
2½"	3.370"	4.125"	.065"	<i>B28W-R250P</i>	669.75
3"	4.000"	4.875"	.065"	<i>B28W-R300P</i>	724.15
4"	5.375"	5.375"	.083"	<i>B28W-R400P</i>	1091.40

Polished Weld 180° Return Bends - *B2WUL* **Feature:**

- bends are standard 1.5 x tube diameter

Tube OD	Dimensions		polished ID/OD 316L Stainless Steel	
	A	B	Part #	Price/E
1"	3.000"	2.000"	<i>B2WUL-R100P</i>	\$203.40
1½"	4.500"	3.000"	<i>B2WUL-R150P</i>	315.25
2"	6.000"	4.000"	<i>B2WUL-R200P</i>	406.00
2½"	7.500"	5.000"	<i>B2WUL-R250P</i>	513.15
3"	9.000"	6.000"	<i>B2WUL-R300P</i>	705.25
4"	12.000"	8.000"	<i>B2WUL-R400P</i>	795.85



Weld End Blue Protection Covers - BCW

Feature:

- Use these covers to protect all weld ends on fittings and valves.



Size	Vinyl Plastic Part #	Price/E
1/2"	BCW-050	\$0.50
3/4"	BCW-075	0.85
1"	BCW-100	1.25
1 1/2"	BCW-150	1.60
2"	BCW-200	2.10
2 1/2"	BCW-250	2.80
3"	BCW-300	3.45
4"	BCW-400	5.15
6"	BCW-600	12.50
8"	BCW-800	23.10

2014
NEW

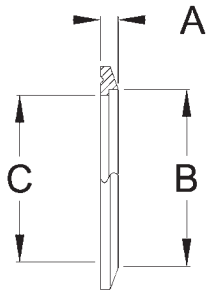
Quick Weld Ferrules



Features:

- 304 stainless construction
- just slip onto sanitary OD tube and weld
- butt weld is not needed

Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
1"	0.290"	1.005"	0.870"	14QMP-G100	\$7.25
1 1/2"	0.199"	1.505"	1.370"	14QMP-G150	7.25
2"	0.205"	2.005"	1.870"	14QMP-G200	9.25
2 1/2"	0.210"	2.505"	2.370"	14QMP-G250	11.15
3"	0.257"	3.005"	2.870"	14QMP-G300	14.00
4"	0.235"	4.005"	3.834"	14QMP-G400	21.30
6"	0.321"	6.005"	5.782"	14QMP-G600	54.85

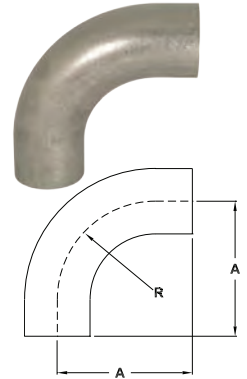


N

Unpolished Elbows

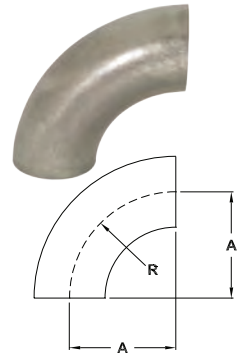
Unpolished 90° Weld Elbows with Tangents - B2S

Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
¾"	3.000"	1.125"	.065"	---	---	B2S-R75U	\$67.70
1"	2.062"	1.500"	.065"	B2S-G100U	\$20.85	B2S-R100U	27.45
1½"	2.937"	2.250"	.065"	B2S-G150U	23.95	B2S-R150U	31.40
2"	4.062"	3.000"	.065"	B2S-G200U	28.85	B2S-R200U	42.30
2½"	5.187"	3.750"	.065"	B2S-G250U	41.75	B2S-R250U	66.45
3"	6.312"	4.500"	.065"	B2S-G300U	65.45	B2S-R300U	97.85
4"	8.312"	6.000"	.083"	B2S-G400U	116.60	B2S-R400U	186.95



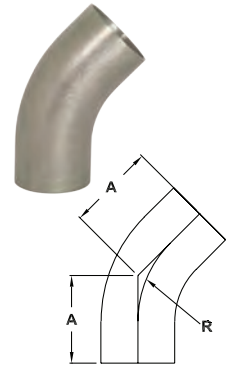
Unpolished 90° Weld Elbows - B2WCL

Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
½"	1.125"	1.125"	.065"	---	---	B2WCL-R50U	\$24.65
¾"	1.125"	1.125"	.065"	---	---	B2WCL-R75U	26.35
1"	1.500"	1.500"	.065"	B2WCL-G100U	\$13.60	B2WCL-R100U	17.85
1½"	2.250"	2.250"	.065"	B2WCL-G150U	14.55	B2WCL-R150U	18.35
2"	3.000"	3.000"	.065"	B2WCL-G200U	20.20	B2WCL-R200U	26.50
2½"	3.750"	3.750"	.065"	B2WCL-G250U	32.65	B2WCL-R250U	42.10
3"	4.500"	4.500"	.065"	B2WCL-G300U	47.15	B2WCL-R300U	61.45
4"	6.000"	6.000"	.083"	B2WCL-G400U	93.85	B2WCL-R400U	119.45
6"	9.000"	9.000"	.109"	B2WCL-G600U	347.95	B2WCL-R600U	423.30
8"	12.000"	12.000"	.120"	B2WCL-G800U	628.20	B2WCL-R800U	808.10



Unpolished 45° Weld Elbows with Tangents - B2KS

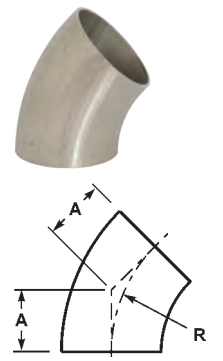
Tube OD	Dimension		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
¾"	2.250"	1.125"	.065"	---	---	B2KS-R75U	\$105.75
1"	1.188"	1.500"	.065"	B2KS-G100U	\$19.05	B2KS-R100U	23.20
1½"	1.625"	2.250"	.065"	B2KS-G150U	20.30	B2KS-R150U	27.25
2"	2.312"	3.000"	.065"	B2KS-G200U	26.65	B2KS-R200U	34.65
2½"	3.000"	3.750"	.065"	B2KS-G250U	36.30	B2KS-R250U	53.65
3"	3.688"	4.500"	.065"	B2KS-G300U	50.80	B2KS-R300U	71.65
4"	4.812"	6.000"	.083"	B2KS-G400U	93.40	B2KS-R400U	125.55

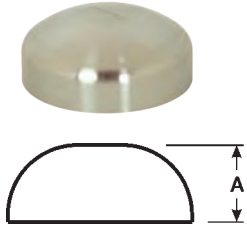


N

Unpolished 45° Weld Elbows - B2WK

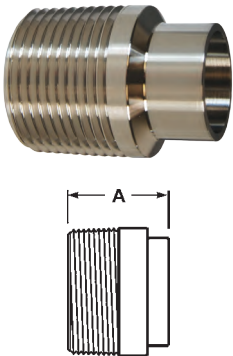
Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	R		Part #	Price/E	Part #	Price/E
¾"	.466"	1.125"	.065"	---	---	B2WK-R75U	\$48.85
1"	.625"	1.500"	.065"	B2WK-G100U	\$16.95	B2WK-R100U	18.70
1½"	.937"	2.250"	.065"	B2WK-G150U	13.85	B2WK-R150U	18.05
2"	1.250"	3.000"	.065"	B2WK-G200U	17.85	B2WK-R200U	21.60
2½"	1.562"	3.750"	.065"	B2WK-G250U	25.45	B2WK-R250U	34.25
3"	1.875"	4.500"	.065"	B2WK-G300U	32.65	B2WK-R300U	47.20
4"	2.500"	6.000"	.083"	B2WK-G400U	71.55	B2WK-R400U	91.70
6"	3.750"	9.000"	.109"	B2WK-G600U	285.55	B2WK-R600U	373.85
8"	5.000"	12.000"	.120"	B2WK-G800U	444.35	B2WK-R800U	538.80



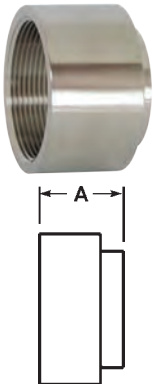
Unpolished End Caps - *B16W*

Tube OD	Dimension A	unpolished 304 Stainless Steel	
		Part #	Price/E
1"	.375"	B16W-G100	\$10.25
1½"	.562"	B16W-G150	12.25
2"	.750"	B16W-G200	20.75
2½"	1.000"	B16W-G250	27.75
3"	1.250"	B16W-G300	33.80
4"	1.500"	B16W-G400	59.85

Unpolished Adapters

Male NPT x Weld End Adapters - *B19WB*

Tube OD	Dimension A	Wall Thickness	304 Stainless Steel	
			Part #	Price/E
1"	1.750"	.065"	B19WB-G100	\$18.65
1½"	1.750"	.065"	B19WB-G150	24.65
2"	1.812"	.065"	B19WB-G200	33.10
2½"	2.312"	.065"	B19WB-G250	56.70
3"	2.500"	.065"	B19WB-G300	76.90
4"	2.562"	.083"	B19WB-G400	147.20

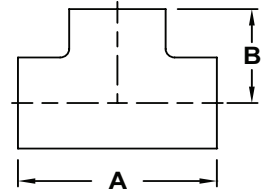
Female NPT x Weld End Adapters - *B22WB*

Tube OD	Dimension A	Wall Thickness	304 Stainless Steel	
			Part #	Price/E
1"	1.750"	.065"	B22WB-G100	\$125.70
1½"	1.750"	.065"	B22WB-G150	147.05
2"	1.812"	.065"	B22WB-G200	189.25
2½"	2.312"	.065"	B22WB-G250	294.45
3"	2.500"	.065"	B22WB-G300	313.55
4"	2.500"	.083"	B22WB-G400	418.35

Unpolished Tees

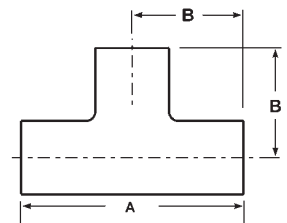
Unpolished Short Weld Tees - B7WWW

Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
1"	2.250	1.125	.065	B7WWW-G100U	\$19.80	B7WWW-R100U	\$29.45
1½"	3.312	1.656	.065	B7WWW-G150U	21.20	B7WWW-R150U	38.70
2"	4.124	2.062	.065	B7WWW-G200U	26.95	B7WWW-R200U	47.65
2½"	4.688	2.344	.065	B7WWW-G250U	41.15	B7WWW-R250U	78.75
3"	5.188	2.594	.065	B7WWW-G300U	55.60	B7WWW-R300U	80.60
4"	6.876	3.438	.083	B7WWW-G400U	115.20	B7WWW-R400U	149.60



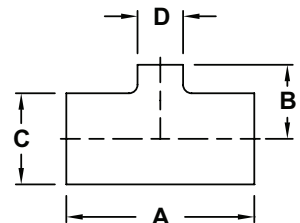
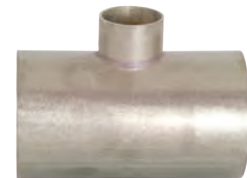
Unpolished Long Weld Tees - B7W

Tube OD	Dimensions		Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	B		Part #	Price/E	Part #	Price/E
¾"	4.000	2.000	.065	---	---	B7W-R75U	\$92.85
1"	3.750	1.875	.065	B7W-G100U	\$22.35	B7W-R100U	28.55
1½"	4.500	2.250	.065	B7W-G150U	24.75	B7W-R150U	36.30
2"	6.000	3.000	.065	B7W-G200U	30.40	B7W-R200U	43.85
2½"	6.000	3.000	.065	B7W-G250U	43.60	B7W-R250U	67.05
3"	6.500	3.250	.065	B7W-G300U	59.30	B7W-R300U	94.55
4"	7.750	3.875	.083	B7W-G400U	97.80	B7W-R400U	202.20



Unpolished Reducing Weld Tees - B7RWWW

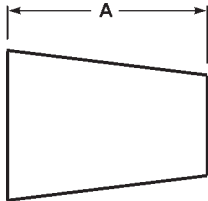
Tube OD	Dimensions				Wall Thk.	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
	A	B	C	D		Part #	Price/E	Part #	Price/E
1½" x 1"	3.312"	1.375"	1.500"	1.000"	.065"	B7RWWW-G150100U	\$35.35	B7RWWW-R150100U	\$58.35
2" x 1"	4.124"	1.625"	2.000"	1.000"	.065"	B7RWWW-G200100U	44.15	B7RWWW-R200100U	94.90
2" x 1½"	4.124"	1.906"	2.000"	1.500"	.065"	B7RWWW-G200150U	44.15	B7RWWW-R200150U	94.90
2½" x 1½"	4.688"	2.156"	2.500"	1.500"	.065"	B7RWWW-G250150U	69.05	B7RWWW-R250150U	78.00
2½" x 2"	4.688"	2.312"	2.500"	2.000"	.065"	B7RWWW-G250200U	69.05	B7RWWW-R250200U	78.00
3" x 1½"	5.188"	2.406"	3.000"	1.500"	.065"	B7RWWW-G300150U	100.75	B7RWWW-R300150U	156.45
3" x 2"	5.188"	2.562"	3.000"	2.000"	.065"	B7RWWW-G300200U	100.75	B7RWWW-R300200U	156.45
4" x 2"	6.876"	3.062"	4.000"	2.000"	.083"	B7RWWW-G400200U	112.10	B7RWWW-R400200U	162.05
4" x 3"	6.876"	3.094"	4.000"	3.000"	.083"	B7RWWW-G400300U	112.10	B7RWWW-R400300U	162.05



N

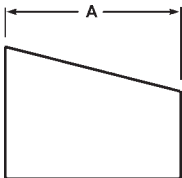
Unpolished Weld Reducers

Unpolished Concentric Weld Reducers - B31W



Tube OD	Dim. A	Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
			Part #	Price/E	Part #	Price/E
¾" x ½"	1.000"	.065"	---	---	B31W-R7550U	\$72.60
1" x ½"	2.000"	.065"	---	---	B31W-R10050U	80.45
1" x ¾"	1.000"	.065"	---	---	B31W-R10075U	80.45
1½" x ¾"	3.000"	.065"	---	---	B31W-R15075U	158.40
1½" x 1"	2.000"	.065"	B31W-G150100U	\$21.20	B31W-R150100U	26.80
2" x 1"	4.000"	.065"	B31W-G200100U	39.50	B31W-R200100U	60.20
2" x 1½"	2.000"	.065"	B31W-G200150U	23.90	B31W-R200150U	30.55
2½" x 1½"	4.000"	.065"	B31W-G250150U	49.35	B31W-R250150U	64.45
2½" x 2"	2.000"	.065"	B31W-G250200U	28.35	B31W-R250200U	34.00
3" x 1½"	6.000"	.065"	B31W-G300150U	82.00	B31W-R300150U	129.15
3" x 2"	4.000"	.065"	B31W-G300200U	48.05	B31W-R300200U	60.35
3" x 2½"	2.000"	.065"	B31W-G300250U	37.45	B31W-R300250U	46.70
4" x 2"	8.000"	.083"	B31W-G400200U	118.30	B31W-R400200U	135.15
4" x 2½"	6.000"	.083"	B31W-G400250U	113.40	B31W-R400250U	209.30
4" x 3"	4.000"	.083"	B31W-G400300U	48.50	B31W-R400300U	65.30
6" x 4"	5.500"	.109"	B31W-G600400U	306.90	B31W-R600400U	424.10

Unpolished Eccentric Weld Reducers - B32W

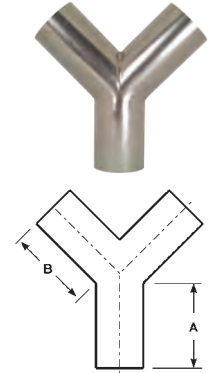


Tube OD	Dim. A	Wall Thickness	unpolished 304 Stainless Steel		unpolished 316L Stainless Steel	
			Part #	Price/E	Part #	Price/E
1" x ½"	2.000"	.065"	---	---	B32W-R10050U	\$94.45
2" x 1"	4.000"	.065"	B32W-G200100U	\$58.40	B32W-R200100U	123.55
2" x 1½"	2.000"	.065"	B32W-G200150U	33.15	B32W-R200150U	35.70
2½" x 2"	2.000"	.065"	B32W-G250200U	43.85	B32W-R250200U	45.70
3" x 2"	4.000"	.065"	B32W-G300200U	65.65	B32W-R300200U	91.55
3" x 2½"	2.000"	.065"	B32W-G300250U	85.65	B32W-R300250U	103.30
4" x 2"	8.000"	.083"	B32W-G400200U	176.80	B32W-R400200U	233.85
4" x 3"	4.000"	.083"	B32W-G400300U	75.65	B32W-R400300U	115.25

Unpolished Miscellaneous Configurations

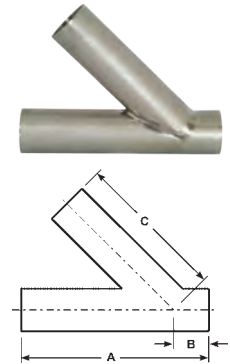
Unpolished Weld True Wyes - B28W

Tube OD	Dimensions		Wall Thickness	unpolished 316L Stainless Steel	
	A	B		Part #	Price/E
1"	2.000"	2.438"	.065"	B28W-R100U	\$333.15
1½"	2.000"	2.438"	.065"	B28W-R150U	426.35
2"	2.625"	3.250"	.065"	B28W-R200U	471.60
2½"	3.370"	4.125"	.065"	B28W-R250U	665.90
3"	4.000"	4.875"	.065"	B28W-R300U	679.30
4"	5.375"	5.375"	.083"	B28W-R400U	750.80



Unpolished Weld Laterals - B28WA

Tube OD	Dimensions			Wall Thickness	unpolished 316L Stainless Steel	
	A	B	C		Part #	Price/E
1"	6.000"	1.000"	5.000"	.065"	B28WA-R100U	\$381.35
1½"	7.375"	1.188"	6.188"	.065"	B28WA-R150U	444.95
2"	8.750"	1.625"	7.125"	.065"	B28WA-R200U	421.90
2½"	10.000"	1.500"	8.500"	.065"	B28WA-R250U	473.05
3"	10.750"	1.875"	8.875"	.065"	B28WA-R300U	617.55
4"	12.812"	2.015"	10.750"	.083"	B28WA-R400U	671.45

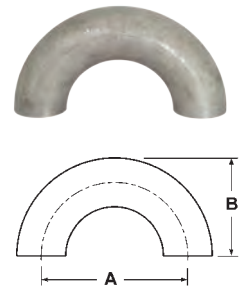


Unpolished Weld 180° Return Bends - B2WUL

Feature:

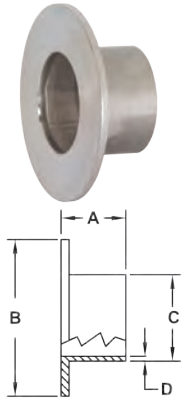
- bends are standard 1.5 x tube diameter

Tube OD	Dimensions		Wall Thickness	unpolished 316L Stainless Steel	
	A	B		Part #	Price/E
1"	3.000"	2.000"	.065"	B2WUL-R100U	\$146.05
1½"	4.500"	3.000"	.065"	B2WUL-R150U	165.10
2"	6.000"	4.000"	.065"	B2WUL-R200U	234.05
2½"	7.500"	5.000"	.065"	---	---
3"	9.000"	6.000"	.065"	B2WUL-R300U	424.70
4"	12.000"	8.000"	.083"	B2WUL-R400U	480.20


N

See pages 480 for weld end protection covers.

Unpolished Type A Stub Ends - 14VB

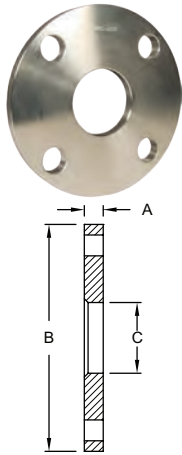
**Feature:**

- typically used with B38SL flanges

Tube OD	Dimensions				316L Stainless Steel	
	A	B	C	D	Part #	Price/E
1"	1.625"	2.000"	1.000"	.065"	14VB-R100	\$65.95
1½"	1.750"	2.875"	1.500"	.065"	14VB-R150	74.90
2"	1.500"	3.625"	2.000"	.065"	14VB-R200	112.35
2½"	2.000"	4.125"	2.500"	.065"	14VB-R250	149.75
3"	2.250"	5.000"	3.000"	.065"	14VB-R300	187.20
4"	2.625"	6.187"	4.000"	.084"	14VB-R400	299.45
6"	3.000"	8.500"	6.000"	.109"	14VB-R600 NEW	582.45
8"	3.000"	10.625"	8.000"	.120"	14VB-R800 NEW	980.00

Flanges

Unpolished Slip-On 150# Flanges - B38SL

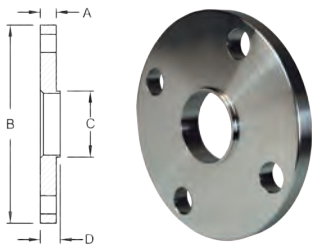


Tube OD	Dimensions			Number & Diameter Bolt Holes	Bolt Circle	304 Stainless Steel		316L Stainless Steel	
	A	B	C			Part #	Price/E	Part #	Price/E
1"	.375"	4.250"	1.063"	4/.625"	3.125"	B38SL-G100	\$88.20	B38SL-R100	\$122.15
1½"	.375"	5.000"	1.563"	4/.625"	3.875"	B38SL-G150	109.65	B38SL-R150	149.30
2"	.437"	6.000"	2.063"	4/.750"	4.750"	B38SL-G200	135.35	B38SL-R200	250.95
3"	.500"	7.500"	3.063"	4/.750"	6.000"	B38SL-G300	244.95	B38SL-R300	457.50
4"	.562"	9.000"	4.063"	8/.750"	7.500"	B38SL-G400	335.80	B38SL-R400	648.65
6"	.562"	11.000"	6.063"	8/.875"	9.500"	B38SL-G600	518.90	B38SL-R600	853.55
8"	.687"	13.500"	8.063"	8/.875"	11.750"	B38SL-G800	1037.85	B38SL-R800	1502.10

N

2014
NEW

Unpolished Weld Neck Flanges - B38W



Tube OD	Dimensions				Number & Diameter Bolt Holes	Bolt Circle	316L Stainless Steel	
	A	B	C	D			Part #	Price/E
1"	.375"	4.250"	1.000"	.500"	4/.625"	3.125"	B38W-R100	\$211.20
1½"	.375"	5.000"	1.500"	.500"	4/.625"	3.875"	B38W-R150	241.45
2"	.500"	6.000"	2.000"	.625"	4/.750"	4.750"	B38W-R200	288.75
2½"	.500"	7.000"	2.500"	.625"	4/.750"	5.500"	B38W-R250	403.40
3"	.500"	7.500"	3.000"	.625"	4/.750"	6.000"	B38W-R300	461.30
4"	.500"	9.000"	4.000"	.625"	8/.750"	7.500"	B38W-R400	600.10
6"	.500"	11.000"	6.000"	.625"	8/.875"	9.500"	B38W-R600	2504.40
8"	.500"	13.500"	8.000"	.625"	8/.875"	11.750"	B38W-R800	3440.65

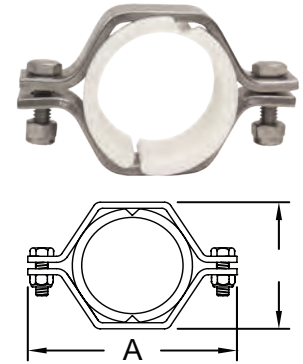
Tube Hangers

Hex Tube Hanger with ABS Sleeve - B24PS

Feature:

- maximum temperatures: **230°F**

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
½"	2.800"	1.150"	B24PS-G50	\$9.00
¾"	2.800"	1.150"	B24PS-G75	9.00
1"	3.425"	1.450"	B24PS-G100	12.10
1½"	4.000"	2.125"	B24PS-G150	13.25
2"	4.500"	2.500"	B24PS-G200	15.85
2½"	4.950"	3.125"	B24PS-G250	18.50
3"	5.500"	3.750"	B24PS-G300	20.80
4"	6.950"	4.750"	B24PS-G400	27.40
5"	8.063"	5.625"	B24PS-G500	77.70
6"	9.250"	6.625"	B24PS-G600	68.25
8"	11.500"	8.625"	B24PS-G800	109.70



Sleeves - 13PS

Features:

- maximum temperature: **230°F**
- high temperature sleeves are also available, contact Dixon

Size	ABS		Size	ABS	
	Part #	Price/E		Part #	Price/E
½"	13PS-50	\$6.85	3"	13PS-300	\$8.30
¾"	13PS-75	6.85	4"	13PS-400	10.50
1"	13PS-100	5.50	5"	13PS-500	62.95
1½"	13PS-150	5.50	6"	13PS-600	16.80
2"	13PS-200	5.50	8"	13PS-800	32.75
2½"	13PS-250	8.00			

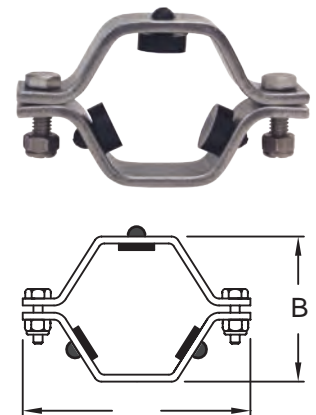


Hex Tube Hanger with Nitrile Grommets - B24RG

Features:

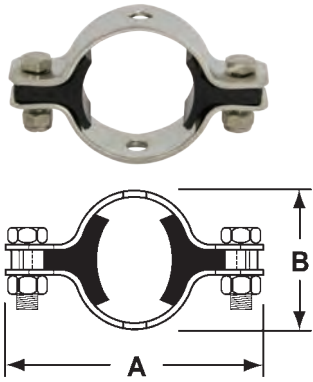
- replacement grommets are available, contact Dixon
- Nitrile grommets; maximum temperature: **230°F**

Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
½" - ¾"	3.425"	1.450"	B24RG-G75	\$11.05
1"	3.425"	1.450"	B24RG-G100	11.20
1½"	4.000"	2.125"	B24RG-G150	12.05
2"	4.500"	2.500"	B24RG-G200	14.55
2½"	4.950"	3.125"	B24RG-G250	16.60
3"	5.500"	3.750"	B24RG-G300	18.75
4"	6.950"	4.750"	B24RG-G400	24.40
5"	8.000"	5.625"	B24RG-G500	37.55
6"	9.250"	6.625"	B24RG-G600	40.40
8"	11.500"	8.625"	B24RG-G800	93.70


N

Tube Hangers

Round Tube Hangers with Nitrile Inserts - B24RPH


Feature:

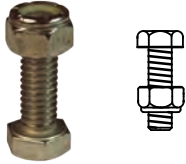
- Nitrile inserts, maximum temperature: **230°F**

Tube OD	Dimensions		304 Stainless Steel with nitrile insert	
	A	B	Part #	Price/E
1/2"	2.750"	1.125"	B24RPH-G50	\$12.00
3/4"	2.750"	1.125"	B24RPH-G75	12.00
1"	3.310"	1.500"	B24RPH-G100	19.15
1 1/2"	3.810"	2.000"	B24RPH-G150	20.40
2"	4.250"	2.562"	B24RPH-G200	23.55
2 1/2"	5.000"	3.000"	B24RPH-G250	26.20
3"	5.500"	3.562"	B24RPH-G300	29.45
4"	6.500"	4.688"	B24RPH-G400	37.15

Nuts and Bolts - 13NHN

Features:

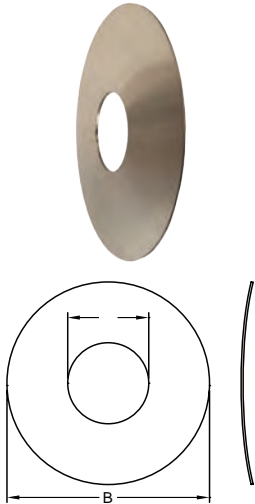
- All size hex hangers with grommets and round hangers 1" to 4" use 13NHN-G100-600 fastener sets
- 1/2" and 3/4" round and sleeved hangers use 13NHN-G75 fastener sets
- 2 nuts and bolts supplied to a set



Size	Description	304 Stainless Steel	
		Part #	Price/E
1/2" - 3/4"	1/4"-20 x 3/4" bolt with nylock nut	13NHN-G75	\$2.80
1" - 12"	5/16"-18 x 1" bolt with nylock nut	13NHN-G100-600	8.90

Wall Flanges - B25

N



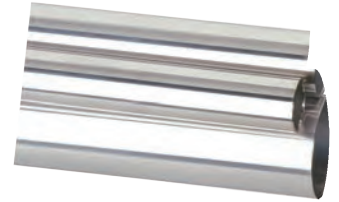
Tube OD	Dimensions		Wall Thickness	304 Stainless Steel	
	A	B		Part #	Price/E
1/2"	.50"	3.00"	.065"	B25-G050300	\$30.35
1/2"	.50"	5.00"	.065"	B25-G050500	33.30
3/4"	.75"	3.00"	.065"	B25-G075300	29.05
3/4"	.75"	5.00"	.065"	B25-G075500	32.95
1"	1.00"	3.00"	.065"	B25-G100300	24.80
1"	1.00"	5.00"	.065"	B25-G100500	28.20
1 1/2"	1.50"	5.00"	.065"	B25-G150500	28.65
2"	2.00"	5.00"	.065"	B25-G200500	29.20
2 1/2"	2.50"	5.00"	.065"	B25-G250500	29.75
3"	3.00"	6.00"	.065"	B25-G300600	30.20
4"	4.00"	7.00"	.065"	B25-G400700	36.95
6"	6.00"	10.00"	.065"	B25-G6001000	167.60
8"	8.00"	12.00"	.065"	B25-G8001200	207.55
10"	10.00"	14.00"	.065"	B25-G10001400	265.85
12"	12.00"	16.00"	.065"	B25-G12001600	280.05

Tubing

Product Specifications

Features:

- size range: ½" - 6" OD tube
- materials:
 - 304 stainless steel
 - 316L stainless steel
- finishes:
 - ASTM-A210 3A sanitary finish ID and OD
 - ASTM-A269 unpolished ID and OD
 - BPE finishes are available
- tubing available in 20' lengths only
- surcharges change MONTHLY
- tubing only ships via truck
- tubing is NOT returnable
- if not ordered in full box quantity, broken box charge will be applied
- other sizes may be available, call Dixon Sanitary for information



Tube OD	Wall Thickness	Gage Number	Box Qty	Weight Pounds per feet
½"	.065"	16	100'	0.31
¾"	.065"	16	100'	0.49
1"	.065"	16	280'	0.67
1½"	.065"	16	340'	1.02
2"	.065"	16	340'	1.36
2½"	.065"	16	220'	1.71
3"	.065"	16	220'	2.06
4"	.083"	14	100'	3.45
6"	.109"	12	40'	6.92

Operating Pressures

304 Stainless Steel Tube

Tube OD	Wall Thickness	Pressure (PSI)		
		working	yield	burst
½"	.065"	4,870	7,800	19,500
¾"	.065"	3,250	5,200	13,000
1"	.065"	2,440	3,900	9,800
1½"	.065"	1,630	2,600	6,500
2"	.065"	1,220	2,000	4,900
2½"	.065"	980	1,600	3,900
3"	.065"	810	1,300	3,300
4"	.083"	780	1,200	3,100
6"	.109"	680	1,090	2,720

The pressures shown in the table above are calculated using Barlow's Formula and the following properties:

- material: 304 stainless steel
- yield strength (PSI): 30,000
- tensile strength (PSI): 75,000

working pressure = ¼ of burst pressure, these calculate from **-20°F to 100°F**

316L Stainless Steel Tube

Tube OD	Wall Thickness	Pressure (PSI)		
		working	yield	burst
½"	.065"	3,250	6,500	19,500
¾"	.065"	2,167	4,330	13,000
1"	.065"	2,280	3,300	9,100
1½"	.065"	1,520	2,200	6,100
2"	.065"	1,140	1,600	4,600
2½"	.065"	910	1,300	3,600
3"	.065"	760	1,100	3,000
4"	.083"	730	1,000	2,900
6"	.109"	635	900	2,540

The pressures shown in the table above are calculated using Barlow's Formula and the following properties:

- material: 316L stainless steel
- yield strength (PSI): 25,000
- tensile strength (PSI): 70,000

working pressure = ¼ of burst pressure, these calculate from **-20°F to 100°F**



Pipe size and Tube OD size materials are not interchangeable

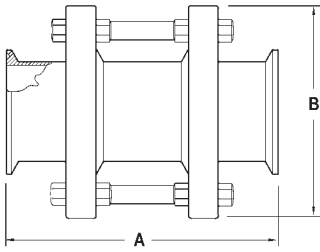
Call Dixon Sanitary 800.789.1718 for pricing and freight allowance.

Sight Glasses

Product Specifications

Features:

- size range: 1" - 6" OD tube
- material:
 - 316L stainless steel
 - Borosilicate glass
 - white buna gaskets
- finish:
 - 32R_a sanitary finish, ID and OD



In-Line Sight Glasses - B54BMP

Features:

- various end configurations are available: clamp, weld, bevel seat, John Perry, I-Line and Q-Line
- maximum temperature: **200°F**

Tube OD	Dimensions		Working Pressure PSI	316L Stainless Steel Part #	Price/E
	A	B			
1"	5.625"	3.250"	145	B54BMP-R100	\$555.60
1½"	5.625"	4.000"	145	B54BMP-R150	630.75
2"	5.625"	4.250"	145	B54BMP-R200	668.40
2½"	6.125"	4.750"	120	B54BMP-R250	856.55
3"	7.250"	5.500"	120	B54BMP-R300	1006.75
4"	7.375"	6.500"	95	B54BMP-R400	1204.70
6"	7.625"	9.500"	80	B54BMP-R600	6040.55

Kits and Replacement Parts

Seal kit contains:

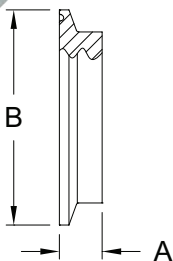
(2) white buna gaskets

Size	Seal Kit Part Number	Price/E	Replacement Glass Part #	Price/E
1"	B54BMP-SK100	\$10.65	B54G-P100	\$285.00
1½"	B54BMP-SK150	10.65	B54G-P150	330.80
2"	B54BMP-SK200	10.65	B54G-P200	352.60
2½"	B54BMP-SK250	14.35	B54G-P250	452.75
3"	B54BMP-SK300	14.35	B54G-P300	535.70
4"	B54BMP-SK400	14.35	B54G-P400	636.75
6"	B54BMP-SK600	POR	B54G-P600	POR

Acrylic Sight Glass End Caps - B5416MP

Features:

- for use on any line with a clamp and gasket
- maximum temperature: **150°F**
- maximum operating pressure: **100 PSI**



Tube OD	Dimensions		Acrylic Part #	Price/E
	A	B		
1" - 1½"	.438"	1.984"	B5416MP-A100150	\$130.75
2"	.438"	2.516"	B5416MP-A200	137.55
2½"	.438"	3.047"	B5416MP-A250	161.35
3"	.438"	3.579"	B5416MP-A300	169.15
4"	.438"	4.682"	B5416MP-A400	347.55
6"	.438"	6.562"	B5416MP-A600	749.45

Spray Balls

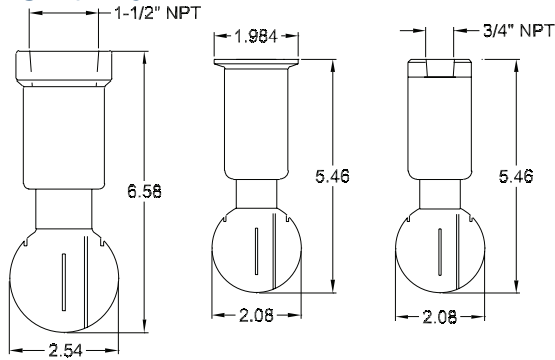
Rotating Spray Balls - SRH

Application:

- ideal for cleaning all types of tanks and vessels

Features:

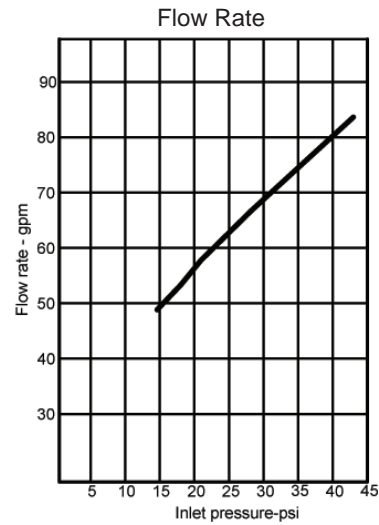
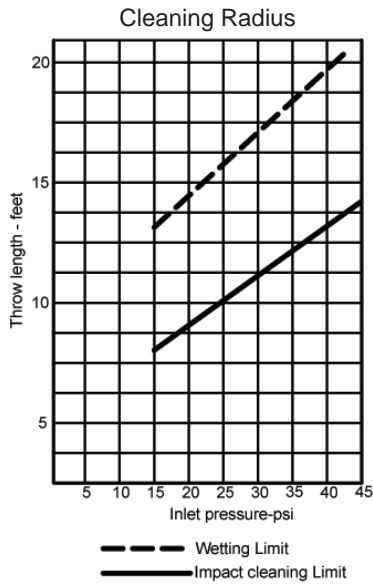
- stainless steel ball bearings eliminate rust
- cleaning solution lubricates unit
- mirror-like finish (OD)
- spray pattern: 360°
- available connections: clamp and NPT



SRH360NPT-R150 SRH360CMP-G150 SRH360NPT-R075
SRH360CMP-R150

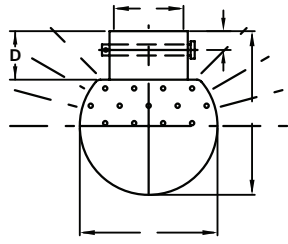
Size	Type	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
3/4"	NPT	SRH360NPT-G075	\$137.50	---	---
1 1/2"	NPT	---	---	SRH360NPT-R150	\$301.15
1 1/2"	clamp	SRH360CMP-G150	146.65	SRH360CMP-R150	197.95

Technical Data

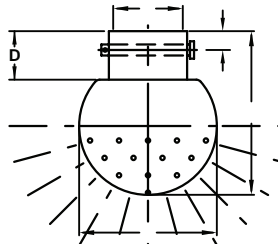


Spray Balls

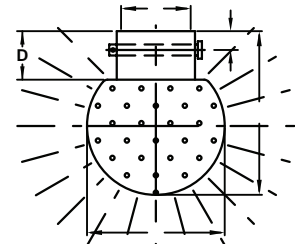
Stationary Spray Balls - STC



180° Top Pattern



180° Bottom Pattern



360° Pattern

Application:

- typically used in food and beverage industries for cleaning storage tanks

Features:

- heavy duty 316L stainless steel construction provides longer life
- stationary - designed to be mounted to a tube or pipe
- 2 mm spray holes
- various spray patterns available (blanks available as special order)

Size	Pin Length	Spray Pattern	Dimensions					Pin Size	316L Stainless Steel	
			A	B	C	D	E		Part #	Price/E
1"	1.47"	360°	3.04"	2.95"	1.005"	.975"	.445"	.226"	STC-360-R100	\$118.30
1½"	1.95"	360°	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-360-R150	182.45
1"	1.47"	180° bottom	3.54"	2.95"	1.005"	.975"	.445"	.226"	STC-180B-R100	120.40
1½"	1.95"	180° bottom	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-180B-R150	171.95
1"	1.47"	180° top	3.54"	2.95"	1.005"	.975"	.445"	.226"	STC-180T-R100	120.40
1½"	1.95"	180° top	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-180T-R150	171.95

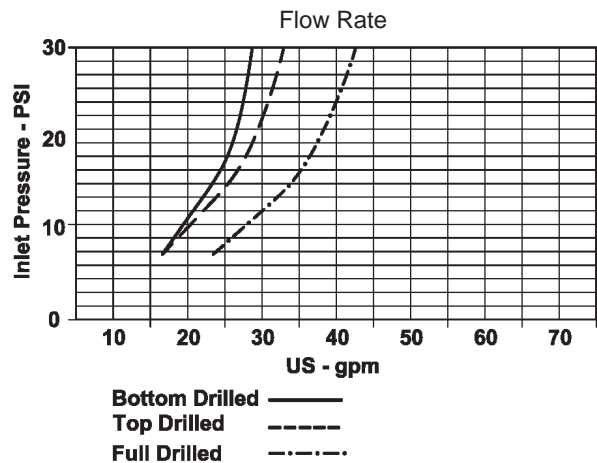
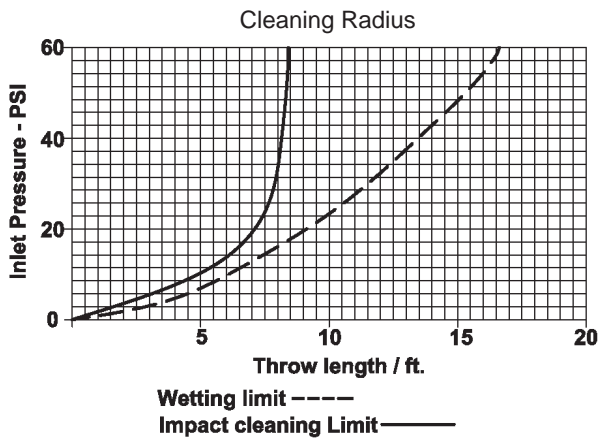
Repair Kits

Repair kit contains:

- (1) pin
- (1) R clip

Size	Part #	Price/E
1"	STC-RK100	\$8.65
1½"	STC-RK150	8.85

Technical Data



N

Dixon Sanitary Filter / Strainers

A
3
1446 10-04

Product Specifications

Size range:

- 1" - 3" clamp connection

Type:

- Inline
 - short
 - long
- Side Entry
 - long

Material:

- 316L stainless steel

Finish:

- 3A sanitary, ID and OD



What Are Filter / Strainers Used For?

Filters

A filter uses a disposable media to remove finer particulate from the stream. Dixon Sanitary holds Authorization Number 1446 for the 3A Sanitary Standard for Filters using Single Service Filter Media, Number: 10-4. Vertical mounting is necessary to meet 3A 10-04 requirements for minimal product clingage.

Strainers

A strainer is a device used to separate solids from fluids. Can be used to remove larger particulate matter from liquid or gas. It uses cleanable media.



Full Flow Filters -
Can be equipped with a variety of filtering media, down to 40 microns. Media options include polyester, cotton cheesecloth and nylon mesh. See chart on page 498.



Full Flow Coarse Strainers -
1/4" or 1/8" perforations.
(1/8" not 3A)

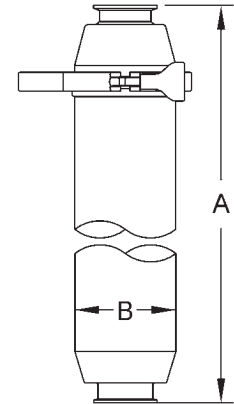


Full Flow Fine/Medium Strainers -
Can be equipped with a variety of mesh screens for removing finer particles (20 to 100 mesh). See chart on page 498. (not 3A)

N

Filters / Strainers

In-line Filter / Strainer - *BSCCQ*

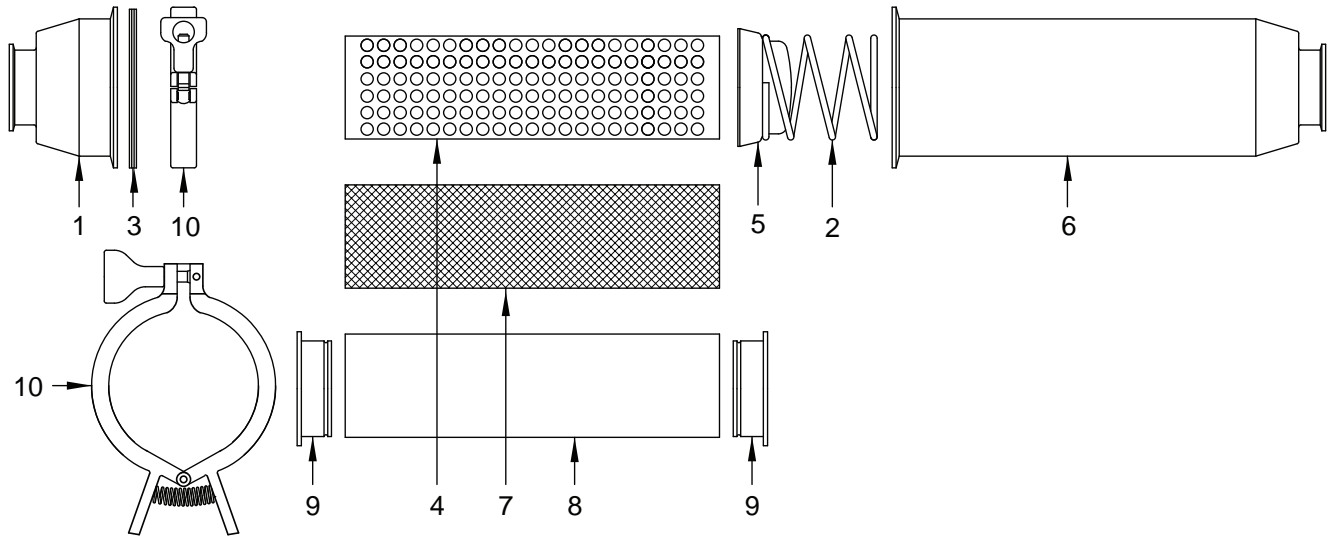
**Features:**

- in-line units ship standard with the following: spring, distributor cap, clamp gasket, 1/4" perforated back-up tube, inlet and outlet bodies and squeeze clamp
- must be vertically mounted to be 3A compliant
- bevel seat, I-line and weld ends available, call Dixon Sanitary at 800.789.1718 for information
- 1/8" perforated back-up tube available, must specify when ordering (not 3A)

Size	Dimensions			Short 316L Stainless Steel Part #	Price/E	Long 316L Stainless Steel Part #	Price/E
	A short	A long	B				
1"	15.75"	--	4.00"	<i>BSCCQ1-R100</i>	\$1407.05	---	---
1½"	15.75"	35.375"	4.00"	<i>BSCCQ1-R150</i>	1407.05	<i>BSCCQ2-R150</i>	\$2488.10
2"	15.75"	35.375"	4.00"	<i>BSCCQ1-R200</i>	1407.05	<i>BSCCQ2-R200</i>	2488.10
2½"	15.75"	--	4.50"	<i>BSCCS1-R250</i>	1660.75	---	---
3"	15.75"	35.375"	4.50"	<i>BSCCS1-R300</i>	1660.75	<i>BSCCS2-R300</i>	3040.30

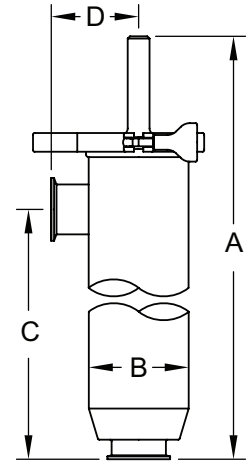
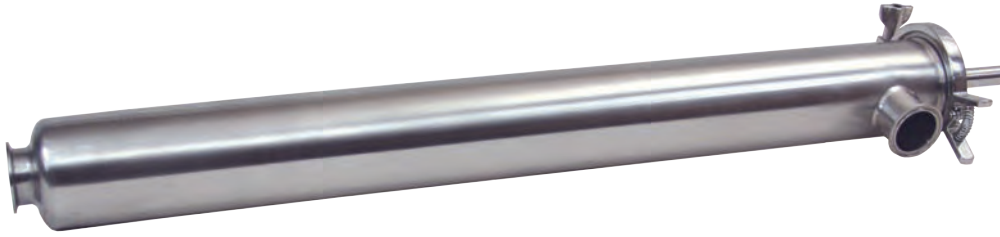
Filter / Strainers

Bill of Materials



Item #	Description	Short Part #	Long Part #	Material	Qty
1	1" strainer outlet	BS-01-R100	---	316L stainless steel	1
	1½" strainer outlet		BS-01-R150		
	2" strainer outlet		BS-01-R200		
	2½" strainer outlet	BS-01-R250	---		
	3" strainer outlet		BS-01-R300		
2	1" - 2" strainer spring		BS-02-R100-200	316L stainless steel	1
	2½" - 3" strainer spring		BS-02-R250-300		
3	1" - 2" (4") clamp gasket		40MP-U400	Buna	1
	2½" - 3" (4") schedule 5 clamp gasket		40MPV-U400		
4	1" - 2" back-up tube with 1/8" perforations	BS-1418-R100200	BS-2418-R100200	316L stainless steel	1
	2½" - 3" back-up tube with 1/8" perforations	BS-1418-R250300	BS-2418-R250300		
	1" - 2" back-up tube with 1/4" perforations	BS-1425-R100200	BS-2425-R100200		
	2½" - 3" back-up tube with 1/4" perforations	BS-1425-R250300	BS-2425-R250300		
5	1" - 2" strainer cap		BS-05-R100-200	316L stainless steel	1
	2½" - 3" strainer cap		BS-05-R250-300		
6	1" strainer inlet	BS-16-R100	---	316L stainless steel	1
	1½" strainer inlet	BS-16-R150	BS-26-R150		
	2" strainer inlet	BS-16-R200	BS-26-R200		
	2½" strainer inlet	BS-16-R250	---		
	3" strainer inlet	BS-16-R300	BS-26-R300		
7	1" - 3" various mesh over screens (short/long)	part number on page 498		316 stainless steel	1
8	1" - 3" various filter bag (short/long)	part number on page 498		various	1
9	1" - 2" retaining ring used with filter bags		BS-09-U100-200	Buna	2
	2½" - 3" retaining ring used with filter bags		BS-09-U250-300		
10	1" - 2" (4") squeeze clamp		13MHHM-Q400	304 stainless steel	1
	2½" - 3" (4") schedule 5 squeeze clamp		13MHHV-Q400		

N

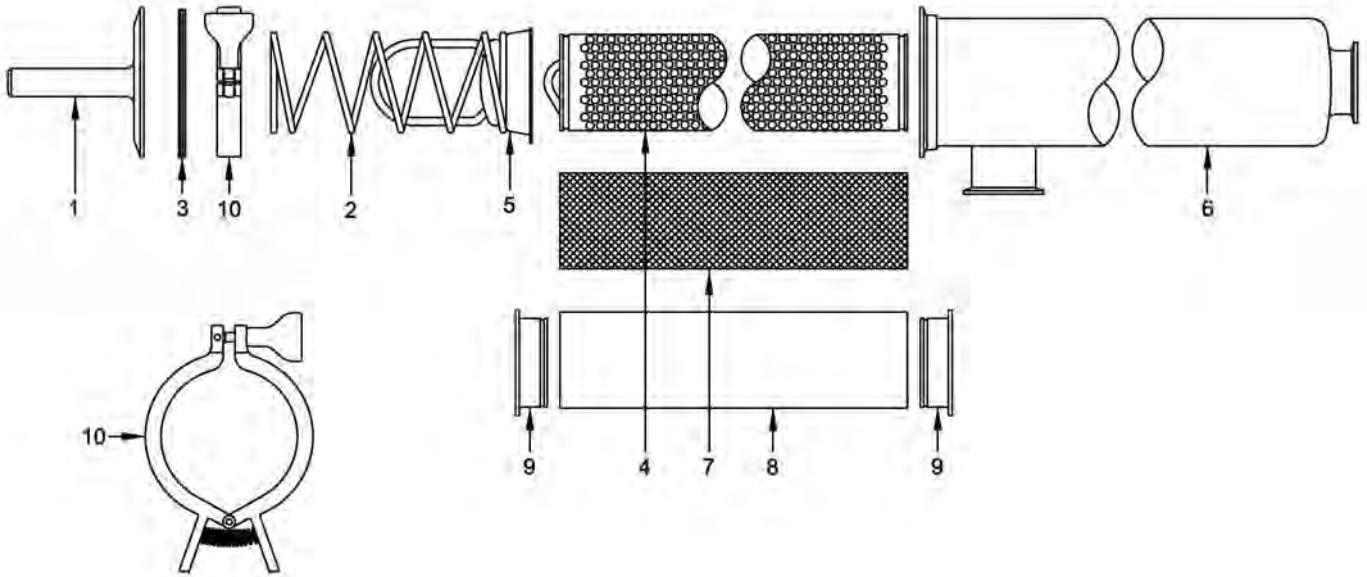
Side-Entry Filter / Strainer - *BSCCQ***Features:**

- side entry units ship standard with the following: spring, end cap with handle, distributor cap, clamp gasket, 1/4" perforated back-up tube, body and squeeze clamp
- serviceable without removing from the line
- must be a vertically mounted to be 3A compliant
- Bevel seat, I-line and weld ends available, call Dixon Sanitary at 800.789.1718 for information
- 1/8" perforated back-up tube available, must specify when ordering (not 3A)

Size	Dimensions				316L Stainless Steel Part #	Price/E
	A	B	C	D		
1½"	41.90"	4.00"	35.00"	3.50"	<i>BSCCQ3-R150</i>	\$3227.80
2"	41.90"	4.00"	35.00"	3.50"	<i>BSCCQ3-R200</i>	3227.80
3"	41.90"	4.50"	35.00"	3.75"	<i>BSCCQ3-R300</i>	3975.20

Filter / Strainers

Bill of Materials



Item #	Description	1½" and 2" Part #	3" Part #	Material	Qty
1	end cap with handle	BS-31-R100-200	BS-31-R250-300	316L stainless steel	1
2	strainer spring	BS-32-R100-200	BS-32-R250-300	316L stainless steel	1
3	clamp gasket	40MP-U400	40MPV-U400	Buna	1
4	back-up tube with 1/8" perforations	BS-1418-R100200	BS-2418-R250300	316L stainless steel	1
	back-up tube with 1/4" perforations	BS-1425-R100200	BS-2425-R250300		
5	distributor cap	BS-35-R100-200	BS-35-R250-300	316L stainless steel	1
6	1½" strainer body	BS-36-R150	---	316L stainless steel	1
	2" strainer body	BS-36-R200	---		
	3" strainer body	---	BS-36-R300		
7	various mesh over screens	part number on page 498		316 stainless steel	1
8	various filter bag	part number on page 498		various	1
9	retaining ring used with filter bags	BS-09-U100-200	BS-09-U250-300	Buna	2
10	squeeze clamp for assembly	13MHHM-Q400	13MHHV-Q400	304 stainless steel	1

N

Filter / Strainers

Filters

Features:

- Filter medium are special order and minimum quantities apply. Not included with base unit.
- Filters require retaining ring. See pages 495 and 497 for part numbers.

Size	Micron Rating	Description	Short Part Number	Price/E	Long/Side Entry Part Number	Price/E
1" - 2"	38	nonwoven rayon (glued seam)	BF30A-100-200	POR	---	---
2½" - 3"	38	nonwoven rayon (glued seam)	BF30A-250-300	POR	---	---
1" - 2"	513	woven knapped cotton flannel	BF30B-100-200	POR	---	---
2½" - 3"	513	woven knapped cotton flannel	BF30B-250-300	POR	---	---
1" - 2"	300	cheese cloth, single thickness cotton	BF30C-100-200	POR	---	---
2½" - 3"	300	cheese cloth, single thickness cotton	BF30C-250-300	POR	---	---
1" - 2"	765	nylon, 26/29 mesh, rectangular opening, (.025 x .030)	BF30D-100-200	POR	---	---
2½" - 3"	765	nylon, 26/29 mesh, rectangular opening, (.025 x .030)	BF30D-250-300	POR	---	---
1" - 2"	40-42	nonwoven rayon	BF30E-100-200	POR	BF302E-100-200	POR
2½" - 3"	40-42	nonwoven rayon	BF30E-250-300	POR	BF302E-250-300	POR
1" - 2"	40	nonwoven rayon	BF30F-100-200	POR	---	---
1" - 2"	420	woven nylon, 40 mesh	BF30G-100-200	POR	---	---
2½" - 3"	420	woven nylon, 40 mesh	BF30G-250-300	POR	BF302G-250-300	POR

316 Stainless Wire Cloth Mesh Over Screens

Features:

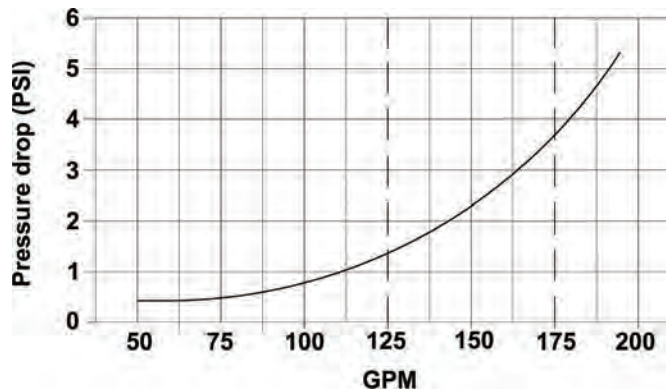
- Not all sizes are stocked, additional sizes are available (5 piece minimum), call Dixon Sanitary. Not included with base unit.
- Not 3A compatible

Size	Micron Rating	Square Mesh	Space Between Wires	Percent of Open Area	Short Part Number	Price/E	Long/Side Entry Part Number	Price/E
1" - 2"	864	20	0.034"	46.2	BS20-100-200	POR	BS202-100-200	POR
2½" - 3"	864	20	0.034"	46.2	BS20-250-300	POR	BS202-250-300	POR
1" - 2"	381	40	0.015"	36.0	BS40-100-200	POR	BS402-100-200	POR
2½" - 3"	381	40	0.015"	36.0	BS40-250-300	POR	BS402-250-300	POR
1" - 2"	229	60	0.009"	30.3	BS60-100-200	POR	BS602-100-200	POR
2½" - 3"	229	60	0.009"	30.3	BS60-250-300	POR	BS602-250-300	POR
1" - 2"	178	80	0.007"	31.4	BS80-100-200	POR	BS802-100-200	POR
2½" - 3"	178	80	0.007"	31.4	BS80-250-300	POR	BS802-250-300	POR
1" - 2"	140	100	0.006"	30.3	BS100-100-200	POR	BS1002-100-200	POR
2½" - 3"	140	100	0.006"	30.3	BS100-250-300	POR	BS1002-250-300	POR

Pressure Drop Curves for Filter and Strainer

Water at ambient temperature

- maximum flow for short units is 125 GPM
- maximum flow for long units is 175 GPM



Dual Filter / Strainers

Application:

- Use when system needs to be cleaned regularly but product flow needs to be maintained. Short, long and side entry dual units are available with manual or actuated valves, contact Dixon Sanitary for information.

Design Using 3-way Ball Valves

Features:

- fully customizable
- available sizes: 1" - 3"

Components Description	Base Part #	Qty
3-way L port ball valves	BV3SVLF	2
squeeze clamps	13MHMM-Q	4
single pin clamps, sizes 1" to 3"	13MHMM	4
clamp 90° elbow	B2CMP-R	4
clamp gaskets (various materials available)	40MP	8

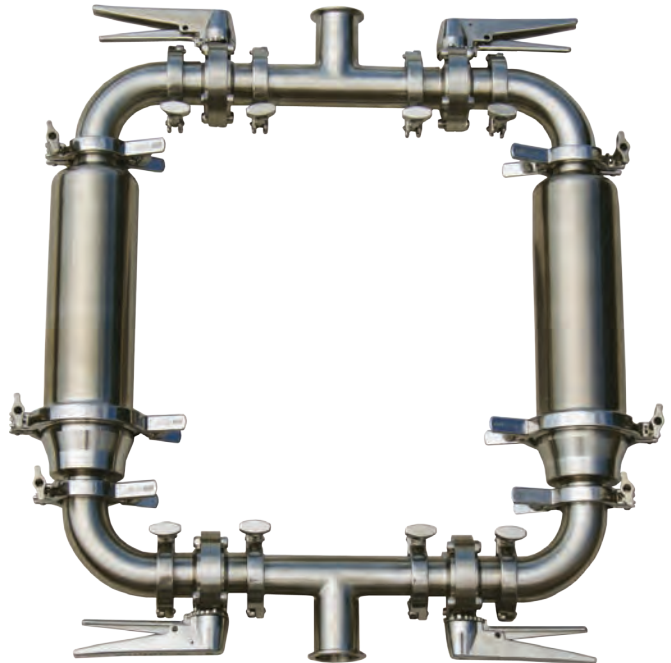


Design Using Butterfly Valves

Features:

- fully customizable
- available sizes: 1" - 3"

Components Description	Base Part #	Qty
butterfly valve, various handles, actuation and seat materials	B5101	2
clamp tee	B7MP	4
clamp 90° elbow	B2CMP	4
squeeze clamps	13MHMM-Q	4
single pin clamps	13MHMM	8
clamp gaskets (various materials available)	40MP	12



N

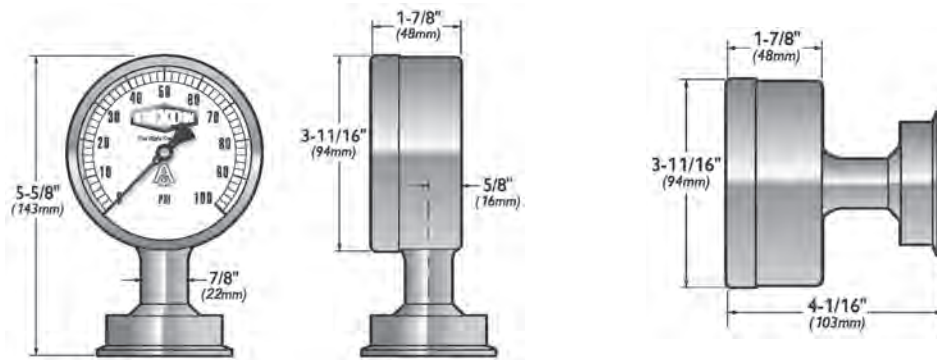
Sanitary Pressure Gauges



3S-B-2U-GFBTSS

Features:

- accuracy: $\pm 1.5\%$ of full scale
- over range capacity: 30%
- wetted surfaces: 316L stainless steel
- surface finishes (wetted parts): R_a max = 25 microinches
- case material: 304 stainless steel
- dial size: $3\frac{1}{2}$ "
- lens material: polycarbonate
- temperature range: 0°F (-18°C) to 250°F (121°C)
- standard fill: food grade glycerin
- rezero feature: standard on pointer
- shipping weight: approximately 3 lbs. (1.3 kg)

 $3\frac{1}{2}$ " Gauge - (90 mm)

Dial Size	Clamp Size	Pressure Range (PSI)	Mount	Part #	Price/E
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-30	bottom	3S-B-15U-GFBTSS	\$999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-60	bottom	3S-C-15U-GFBTSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-100	bottom	3S-D-15U-GFBTSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-160	bottom	3S-E-15U-GFBTSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-200	bottom	3S-F-15U-GFBTSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-300	bottom	3S-G-15U-GFBTSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-30	back	3S-B-15U-GFBKSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-60	back	3S-C-15U-GFBKSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-100	back	3S-D-15U-GFBKSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-160	back	3S-E-15U-GFBKSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-200	back	3S-F-15U-GFBKSS	999.25
$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	0-300	back	3S-G-15U-GFBKSS	999.25
$3\frac{1}{2}$ "	2"	0-30	bottom	3S-B-2U-GFBTSS	999.25
$3\frac{1}{2}$ "	2"	0-60	bottom	3S-C-2U-GFBTSS	999.25
$3\frac{1}{2}$ "	2"	0-100	bottom	3S-D-2U-GFBTSS	999.25
$3\frac{1}{2}$ "	2"	0-160	bottom	3S-E-2U-GFBTSS	999.25
$3\frac{1}{2}$ "	2"	0-200	bottom	3S-F-2U-GFBTSS	999.25
$3\frac{1}{2}$ "	2"	0-300	bottom	3S-G-2U-GFBTSS	999.25
$3\frac{1}{2}$ "	2"	0-30	back	3S-B-2U-GFBKSS	999.25
$3\frac{1}{2}$ "	2"	0-60	back	3S-C-2U-GFBKSS	999.25
$3\frac{1}{2}$ "	2"	0-100	back	3S-D-2U-GFBKSS	999.25
$3\frac{1}{2}$ "	2"	0-160	back	3S-E-2U-GFBKSS	999.25
$3\frac{1}{2}$ "	2"	0-200	back	3S-F-2U-GFBKSS	999.25
$3\frac{1}{2}$ "	2"	0-300	back	3S-G-2U-GFBKSS	999.25

Swivels

Product Specifications

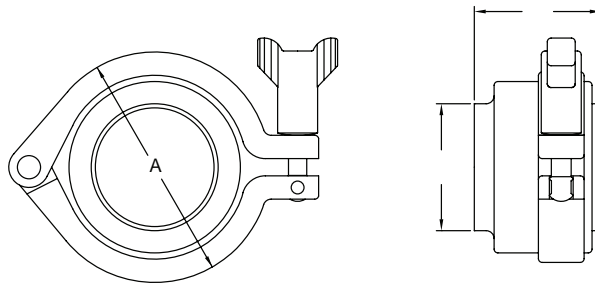
Features:

- available in clamp and weld configurations
- elastomers: silicone and PTFE
- optional elastomers available
- size range: 1" - 4" Tube OD
- materials: 316L stainless steel
- finish: sanitary finish ID and OD



Size	PSI at 70°F	PSI at 250°F
1"	500	300
1½"	500	300
2"	450	250
2½"	400	200
3"	350	175
4"	300	150

Straight Swivel - SJSS



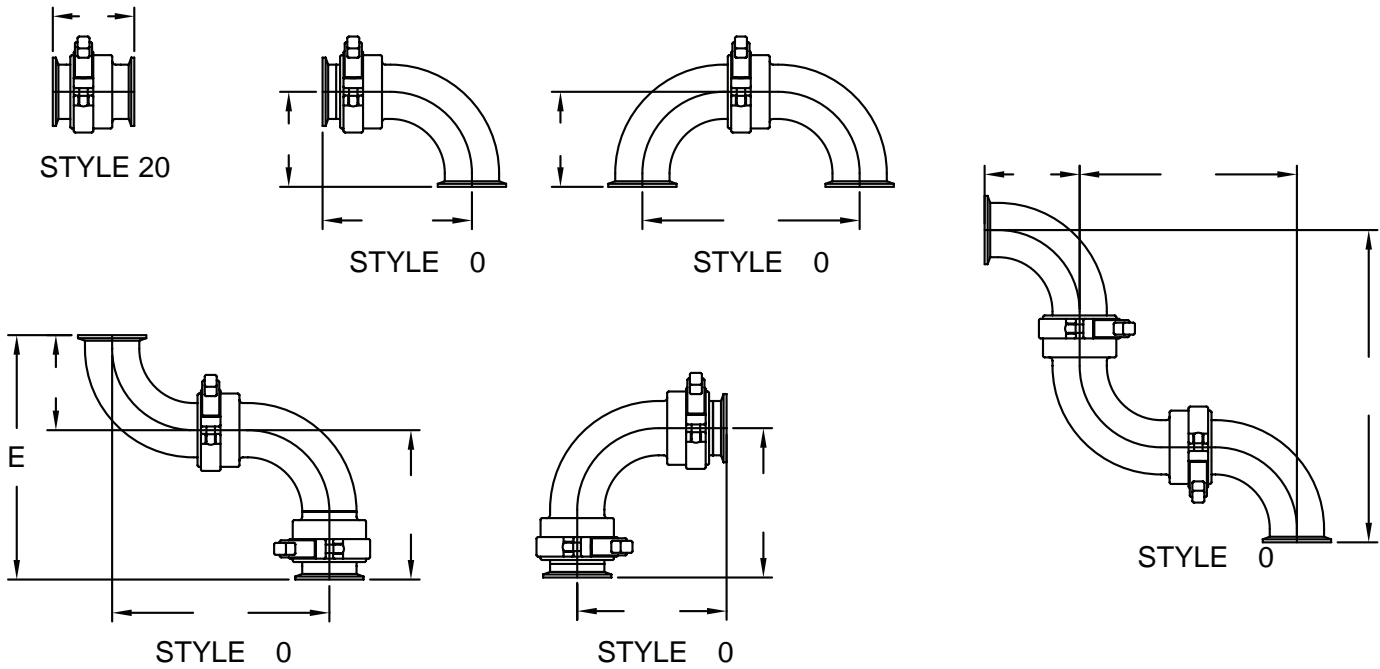
straight clamp - style 20

Size	Dimensions			316L Stainless Steel Part #	Price/E
	A	B	C		
1"	2.56"	3.00"	1.00"	<i>SJSS100CC-20</i>	POR
1½"	2.56"	3.00"	1.50"	<i>SJSS150CC-20</i>	POR
2"	3.09"	3.00"	2.00"	<i>SJSS200CC-20</i>	POR
2½"	3.44"	3.00"	2.50"	<i>SJSS250CC-20</i>	POR
3"	3.94"	3.00"	3.00"	<i>SJSS300CC-20</i>	POR
4"	5.08"	4.19"	4.00"	<i>SJSS400CC-20</i>	POR

straight weld connection - style 20

Size	Dimensions			316L Stainless Steel Part #	Price/E
	A	B	C		
1"	2.56"	2.00"	1.00"	<i>SJSS100BB-20</i>	POR
1½"	2.56"	2.00"	1.50"	<i>SJSS150BB-20</i>	POR
2"	3.09"	2.00"	2.00"	<i>SJSS200BB-20</i>	POR
2½"	3.44"	2.00"	2.50"	<i>SJSS250BB-20</i>	POR
3"	3.94"	2.00"	3.00"	<i>SJSS300BB-20</i>	POR
4"	5.08"	2.94"	4.00"	<i>SJSS400BB-20</i>	POR

Straight Swivels - SJSS Configurations



clamp joint dimensions

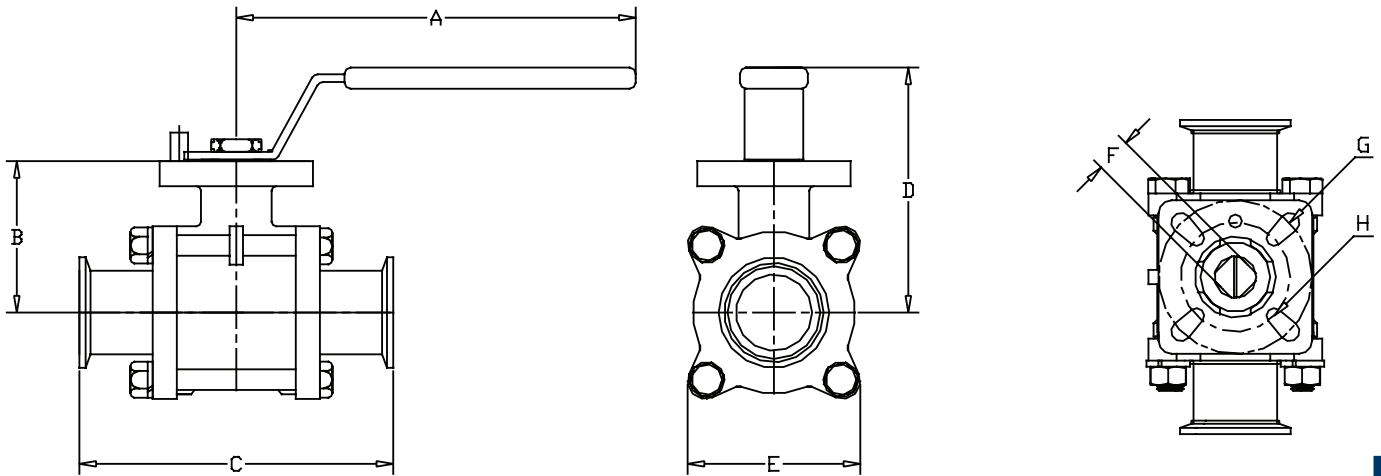
Part Number	Size	Dimensions					
		A	B	C	D	E	F
SJSS100CC-*	1"	3.00"	2.00"	4.00"	5.00"	6.00"	7.00"
SJSS150CC-*	1½"	3.00"	2.75"	4.75"	6.50"	7.50"	9.25"
SJSS200CC-*	2"	3.00"	3.50"	5.50"	8.00"	9.00"	11.50"
SJSS250CC-*	2½"	3.00"	4.25"	6.25"	9.50"	10.50"	13.75"
SJSS300CC-*	3"	3.00"	5.00"	7.00"	11.00"	12.00"	16.00"
SJSS400CC-*	4"	5.19"	6.63"	9.63"	14.94"	15.94"	21.56"

- contact Dixon Sanitary for pricing at 800.789.1718

2-Way 3 Piece Encapsulated Ball Valves

Features:

- ½" - 2" rated at **1,000 PSI** WOG; 2½" - 4" rated at 800 PSI WOG
- balanced encapsulated construction minimizes cold flow
- live-loaded stem packing
- precision stainless steel balls reduce torque and friction losses while extending seat life
- lockable handle can prevent accidental actuation
- standard internal entry blow out proof stem design
- full port design matches ball and seat ports to tube ID for lower pressure drop and less turbulent flow
- compact design for areas with tight space restrictions
- fully encapsulated construction produces bubble tight seal
- integral ISO 5211 mounting pad
- ID polish: Ra 32 minimum
- virgin PTFE seats
- for valve seat options, call Dixon Sanitary at 800.789.1718
- identification tagging available
- repair kits available



Size	Dimensions								316 Stainless Steel	
	A	B	C	D	E	F (mm)	G	H	Part #	Price/E
½"	4.9"	1.5"	4.3"	3.0"	1.9"	9.0	F04	F03	BV2CV-050CC-A	\$155.20
¾"	4.9"	1.8"	4.7"	3.3"	2.2"	9.0	F04	F03	BV2CV-075CC-A	187.40
1"	5.6"	2.1"	4.9"	3.6"	2.4"	11.0	F05	F04	BV2CV-100CC-A	245.70
1½"	9.5"	2.7"	5.6"	4.4"	3.1"	14.0	F07	F05	BV2CV-150CC-A	414.40
2"	9.5"	3.1"	6.4"	4.8"	3.7"	14.0	F07	F05	BV2CV-200CC-A	599.45
2½"	18.0"	3.8"	7.8"	5.2"	4.8"	17.0	F10	F07	BV2CV-250CC-A	1285.20
3"	18.0"	4.2"	9.0"	5.7"	5.4"	17.0	F10	F07	BV2CV-300CC-A	1696.50
4"	18.0"	5.3"	9.5"	6.8"	8.8"	22.0	F12	F10	BV2CV-400CC-A	2914.80

Dixon Sanitary's commitment to excellence and continuous research and development for improving product quality may warrant periodic changes in design and specification. We reserve the right to modify product design without prior notification and without incurring any liability to provide these modifications to products previously purchased.

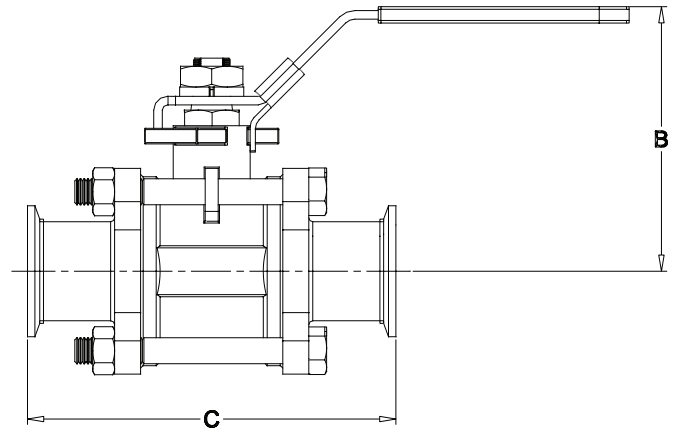
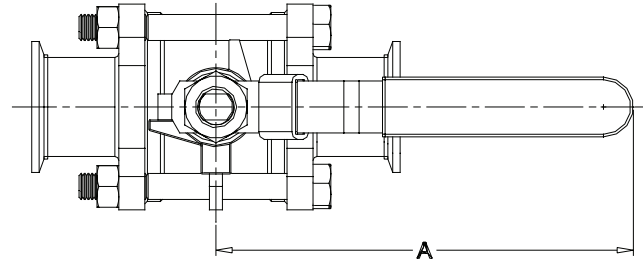
Valve Seat Options



Non-Encapsulated 2-way 3 Piece Stainless Steel Ball Valves

Features:

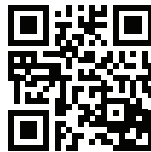
- blow-out proof stem
- live-loaded stem packing
- lockable handle
- 15% glass reinforced PTFE seats
- ID polish is R_a 32
- CF8M stainless body, ends and ball
- pressure ratings: $\frac{1}{2}$ " - 2" **1,000 PSI WOG**
 $2\frac{1}{2}$ " - 4" **800 PSI WOG**
- repair kits available
- for valve seat options, call Dixon Sanitary at 800.789.1718



Size	Dimensions			Break Torque (in-lbs.)	Weight (lbs.)	316 Stainless Steel	
	A	B	C			Part #	Price/E
$\frac{1}{2}$ "	4.1"	2.3"	4.6"	55	1.4	BV2GG-050CC-A	\$121.20
$\frac{3}{4}$ "	4.1"	2.5"	4.7"	71	1.8	BV2GG-075CC-A	132.25
1"	5.0"	2.8"	4.9"	101	2.6	BV2GG-100CC-A	195.05
$1\frac{1}{2}$ "	6.1"	3.5"	5.6"	221	4.6	BV2GG-150CC-A	330.50
2"	7.6"	3.9"	6.4"	345	8.5	BV2GG-200CC-A	498.05
$2\frac{1}{2}$ "	7.6"	4.4"	7.8"	883	17.8	BV2GG-250CC-A	877.95
3"	10.9"	4.9"	9.0"	830	28.2	BV2GG-300CC-A	1337.35
4"	13.2"	6.6"	9.6"	1323	41.4	BV2GG-400CC-A	2430.05

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Valve Seat Options



Butterfly Valves

Features:

- available with three handle options:
 - A. The *pull style handle* allows you to set the valve in four different positions simply by pulling and turning.
 - B. The *infinite handle* has incremental marks on the top which can be used when needing a throttling valve.
 - C. The *trigger handle* offers twelve positions which make it easy to understand how to actuate the valve.
- 100% hydraulic tested / 100% inspected
- all wetted surfaces are sanitary finished to < 32R_a
- field serviceable (no special tools required)
- various end configurations available: weld, I-line, Q-line, bevel seat and John Perry
- actuation available: double-acting, air-to-spring, electric, call Dixon Sanitary at 800.789.1718 for details
- vacuum rating: 0.4 inches Hg at 68°F
- temperature range: **15°F to 200°F**
- clamp style is standard

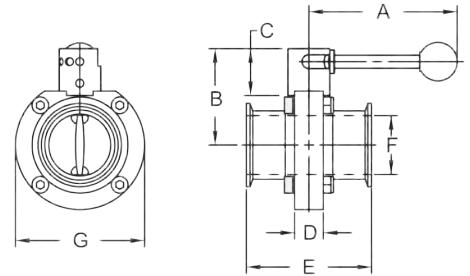
Clamp End **Butterfly Valve with Pull Handle - [A]**

Size	316L Stainless Steel with Silicone Seats		316L Stainless Steel with FKM Seats		316L Stainless Steel with EPDM Seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	B5101S050CC-A	\$325.05	B5101V050CC-A	\$351.60	B5101E050CC-A	\$319.10
¾"	B5101S075CC-A	325.05	B5101V075CC-A	351.60	B5101E075CC-A	319.10
1"	B5101S100CC-A	313.15	B5101V100CC-A	333.20	B5101E100CC-A	299.90
1½"	B5101S150CC-A	297.50	B5101V150CC-A	340.10	B5101E150CC-A	289.95
2"	B5101S200CC-A	360.30	B5101V200CC-A	421.15	B5101E200CC-A	349.95
2½"	B5101S250CC-A	450.20	B5101V250CC-A	576.45	B5101E250CC-A	427.25
3"	B5101S300CC-A	601.45	B5101V300CC-A	799.45	B5101E300CC-A	583.45
4" ¹	B5101S400CC-A	926.65	B5101V400CC-A	1377.05	B5101E400CC-A	897.65
6"	B5101S600CC-A	2095.70	---	---	B5101E600CC-A	2073.45
8"	---	---	---	---	B5101E800CC-A	6008.15

¹ 4" high pressure butterfly valve is available, call Dixon Sanitary at 800.789.1718 for more information



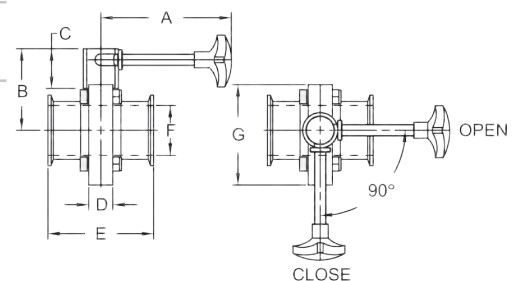
Size	Dimensions							Break Torque (in. lbs.) Silicone	Break Torque (in. lbs.) FKM	Break Torque (in. lbs.) EPDM	PSI @ 68°F
	A	B	C	D	E	F	G				
½"	4.4"	2.8"	1.4"	0.9"	3.5"	.37"	3.1"	20	70	75	140
¾"	4.4"	2.8"	1.4"	0.9"	3.5"	.62"	3.1"	20	70	75	140
1"	4.4"	2.8"	1.4"	0.9"	3.5"	0.9"	3.1"	20	70	75	140
1½"	4.4"	2.8"	1.4"	0.9"	3.5"	1.4"	3.1"	40	125	130	140
2"	4.4"	3.1"	1.4"	0.9"	3.8"	1.9"	3.9"	55	175	165	140
2½"	4.4"	3.5"	1.4"	0.9"	3.8"	2.4"	4.6"	70	220	210	110
3"	6.2"	3.8"	1.3"	1.2"	4.1"	2.9"	5.2"	165	310	350	110
4"	6.2"	4.5"	1.3"	1.2"	4.8"	3.8"	6.7"	350	450	540	85
6"	11.5"	5.5"	1.3"	1.2"	5.5"	5.8"	8.5"	700	n/a	1550	60
8"	18.0"	6.9"	1.6"	1.2"	4.9"	7.8"	11.2"	n/a	n/a	1650	60



Clamp End **Butterfly Valves with Infinite Position Handle - [B]**

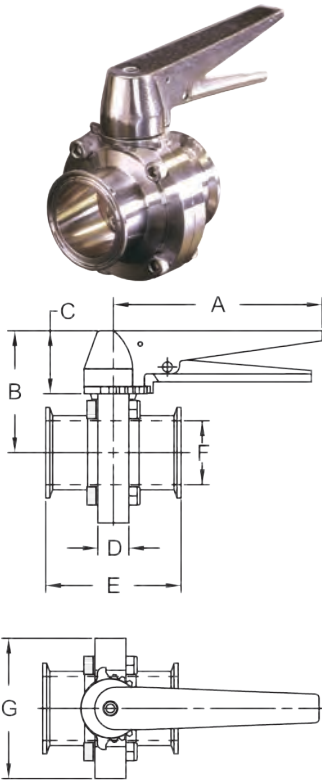
Size	316L Stainless Steel with Silicone Seats		316L Stainless Steel with FKM Seats		316L Stainless Steel with EPDM Seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	B5101S050CC-B	\$325.05	B5101V050CC-B	\$351.60	B5101E050CC-B	\$319.10
¾"	B5101S075CC-B	325.05	B5101V075CC-B	351.60	B5101E075CC-B	319.10
1"	B5101S100CC-B	305.85	B5101V100CC-B	333.20	B5101E100CC-B	299.90
1½"	B5101S150CC-B	297.50	B5101V150CC-B	340.10	B5101E150CC-B	289.95
2"	B5101S200CC-B	360.30	B5101V200CC-B	421.15	B5101E200CC-B	349.95
2½"	B5101S250CC-B	450.20	B5101V250CC-B	576.45	B5101E250CC-B	427.25
3"	B5101S300CC-B	601.45	B5101V300CC-B	799.45	B5101E300CC-B	583.45
4"	B5101S400CC-B	926.65	B5101V400CC-B	1377.05	B5101E400CC-B	897.65

Size	Dimensions							Break Torque (in. lbs.) Silicone	Break Torque (in. lbs.) FKM	Break Torque (in. lbs.) EPDM	PSI @ 68°F
	A	B	C	D	E	F	G				
½"	4.3"	2.6"	1.3"	0.9"	3.5"	.37"	3.1"	20	70	75	140
¾"	4.3"	2.6"	1.3"	0.9"	3.5"	.62"	3.1"	20	70	75	140
1"	4.3"	2.6"	1.3"	0.9"	3.5"	0.9"	3.1"	20	70	75	140
1½"	4.3"	2.6"	1.3"	0.9"	3.5"	1.4"	3.1"	40	125	130	140
2"	4.3"	2.9"	1.3"	0.9"	3.8"	1.9"	3.9"	55	175	165	140
2½"	4.3"	3.3"	1.3"	0.9"	3.8"	2.4"	4.6"	70	220	210	110
3"	6.4"	3.6"	1.3"	1.2"	4.1"	2.9"	5.2"	165	310	350	110
4"	6.4"	4.4"	1.3"	1.2"	4.8"	3.8"	6.7"	350	450	540	85



Butterfly Valves

Clamp End **Butterfly Valve with Trigger Handle - [C]**


Feature:

- lockout / tagout handle

Size	316L Stainless Steel with Silicone seats		316L Stainless Steel with FKM seats		316L Stainless Steel with EPDM seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	B5101S050CC-C	\$325.05	B5101V050CC-C	\$351.60	B5101E050CC-C	\$319.10
¾"	B5101S075CC-C	325.05	B5101V075CC-C	351.60	B5101E075CC-C	319.10
1"	B5101S100CC-C	305.85	B5101V100CC-C	333.20	B5101E100CC-C	299.90
1½"	B5101S150CC-C	297.50	B5101V150CC-C	340.10	B5101E150CC-C	329.60
2"	B5101S200CC-C	360.30	B5101V200CC-C	421.15	B5101E200CC-C	349.95
2½"	B5101S250CC-C	450.20	B5101V250CC-C	576.45	B5101E250CC-C	427.25
3"	B5101S300CC-C	601.45	B5101V300CC-C	799.45	B5101E300CC-C	583.45
4"	B5101S400CC-C	926.65	B5101V400CC-C	1377.05	B5101E400CC-C	897.65

Size	Dimensions							Break Torque (in. lbs.) silicone	Break Torque (in. lbs.) FKM	Break Torque (in. lbs.) EPDM	PSI @ 68°F
	A	B	C	D	E	F	G				
½"	6.6"	3.0"	1.7"	0.9"	3.5"	.37"	3.1"	20	70	75	140
¾"	6.6"	3.0"	1.7"	0.9"	3.5"	.62"	3.1"	20	70	75	140
1"	6.6"	3.0"	1.7"	0.9"	3.5"	0.9"	3.1"	20	70	75	140
1½"	6.6"	3.0"	1.7"	0.9"	3.5"	1.4"	3.1"	40	125	130	140
2"	6.6"	3.5"	1.7"	0.9"	3.8"	1.9"	3.9"	55	175	165	140
2½"	6.6"	3.7"	1.7"	0.9"	3.8"	2.4"	4.6"	70	220	210	110
3"	6.6"	3.9"	1.7"	1.2"	4.1"	2.9"	5.2"	165	310	350	110
4"	6.6"	4.8"	1.7"	1.2"	4.8"	3.8"	6.7"	350	450	540	85

Repair Kit for **Butterfly Valves**

Features:

Repair kit contains:

- (1) seat
- (2) bushings

for valves located on pages 505-506

Valve Size	Black EPDM		Red Silicone		Brown FKM	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½" - 1"	B5101-RKE100	\$26.50	B5101-RKS100	\$33.95	B5101-RKV100	\$73.25
1½"	B5101-RKE150	28.65	B5101-RKS150	39.35	B5101-RKV150	101.40
2"	B5101-RKE200	34.70	B5101-RKS200	43.20	B5101-RKV200	132.95
2½"	B5101-RKE250	38.95	B5101-RKS250	48.25	B5101-RKV250	249.00
3"	B5101-RKE300	62.60	B5101-RKS300	76.30	B5101-RKV300	438.15
4"	B5101-RKE400	95.25	B5101-RKS400	117.80	B5101-RKV400	804.90
6"	B5101-RKE600	151.30	B5101-RKS600	290.25	---	---
8"	B5101-RKE800	316.60	---	---	---	---

Dixon Sanitary's commitment to excellence and continuous research and development for improving product quality may warrant periodic changes in design and specification. We reserve the right to modify product design without prior notification and without incurring any liability to provide these modifications to products previously purchased.

Butterfly Valves

Clamp Butterfly Valves

Features:

- minimal line pressure: 0.4 inches Hg vacuum @ 68°F
- temperature range: **15°F - 200°F**
- PTFE valve disc bushings decrease friction and increase cycle life
- valve is only 1-3/8" wide on all sizes and uses only 3/4" of the space
- 3 position reversible handle
- the grooved clamp housing connects directly to the corresponding sanitary clamp size
- easy assembly requires a hex key for the handle and wing nuts to secure and seal the housing onto lines
- can be modified for lockout/tagout
- actuation available: double acting, spring return and electric, call Dixon Sanitary at 800.789.1718 for details

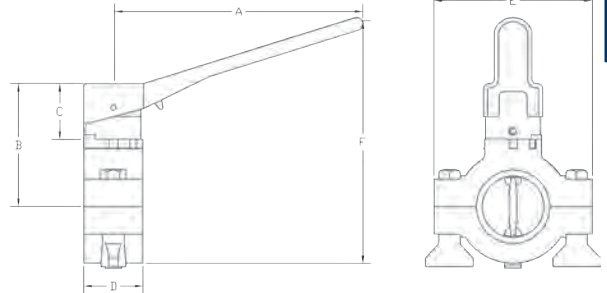
Information supplied based on water media @ 68°F

Size	Break Torque (in-lbs.)	Assembly Torque (in-lbs.)	Pressure Rating (PSI)	Flow Coefficient (C _v)	Weight w/standard handle (lbs.)
1"	125	36	140	23	1.5
1½"	185	36	140	80	2
2"	200	21.6	120	230	2.5
2½"	260	21.6	120	264	3
3"	350	28.8	100	372	4
4"	495	43.2	70	800	6

Size	316L Stainless Steel with Silicone Seats		316L Stainless Steel with FKM Seats		316L Stainless Steel with EPDM Seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	B5102S100-A	\$197.90	B5102V100-A	\$244.55	B5102E100-A	\$197.90
1½"	B5102S150-A	197.90	B5102V150-A	242.30	B5102E150-A	197.90
2"	B5102S200-A	240.80	B5102V200-A	295.90	B5102E200-A	240.80
2½"	B5102S250-A	310.90	B5102V250-A	379.50	B5102E250-A	310.90
3"	B5102S300-A	367.80	B5102V300-A	444.30	B5102E300-A	367.80
4"	B5102S400-A	537.60	B5102V400-A	644.95	B5102E400-A	537.60



Size	Dimensions						Break Torque (inch lbs.)	PSI @ 68°F
	A	B	C	D	E	F		
1"	5.6"	2.8"	1.3"	1.3"	3.6"	5.6"	125	140
1½"	5.6"	2.8"	1.3"	1.3"	3.6"	5.6"	185	140
2"	5.6"	3.0"	1.3"	1.3"	4.1"	6.1"	200	120
2½"	5.6"	3.3"	1.3"	1.3"	4.6"	6.6"	260	120
3"	5.6"	3.6"	1.3"	1.3"	5.3"	7.1"	350	100
4"	5.6"	4.1"	1.3"	1.3"	6.4"	8.2"	495	70



Repair Kit for Clamp Butterfly Valves

Repair kit contains:

- (1) seat
- (2) bushings

Valve Size	Black EPDM		Red Silicone		Brown FKM	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	B5102-RKE100	\$22.40	B5102-RKS100	\$28.45	B5102-RKV100	\$95.80
1½"	B5102-RKE150	16.25	B5102-RKS150	22.10	B5102-RKV150	86.00
2"	B5102-RKE200	23.90	B5102-RKS200	30.35	B5102-RKV200	109.20
2½"	B5102-RKE250	30.75	B5102-RKS250	36.15	B5102-RKV250	132.45
3"	B5102-RKE300	70.20	B5102-RKS300	81.10	B5102-RKV300	195.80
4"	B5102-RKE400	93.90	B5102-RKS400	101.65	B5102-RKV400	257.80

Butterfly Valves

Clamp End and Weld End **Butterfly Valves**

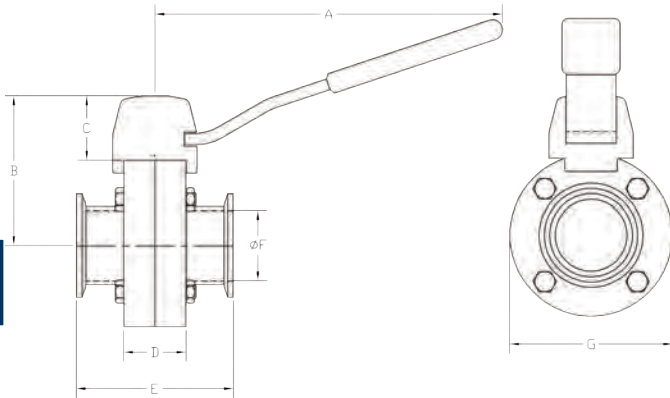
Features:

- 100% tested / 100% inspected
- all wetted surfaces are sanitary finished to $< 32R_a$
- field serviceable (no special tools required)
- seat materials available include: silicone, EPDM, FKM
- PTFE bushings reduce friction and increase cycle life
- minimal line pressure: 0.4 inches Hg vacuum @ 68°F
- temperature range: **15°F to 200°F**
- custom handle covers available, call Dixon Sanitary at 800.789.1718 for details

Clamp End



Size	CF8M Stainless Steel with Silicone Seats		CF8M Stainless Steel with EPDM Seats		CF8M Stainless Steel with FKM Seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	B5104S100CC-D	\$242.30	B5104E100CC-D	\$242.30	B5104V100CC-D	\$309.55
1½"	B5104S150CC-D	264.70	B5104E150CC-D	264.70	B5104V150CC-D	362.20
2"	B5104S200CC-D	285.40	B5104E200CC-D	285.40	B5104V200CC-D	387.60
2½"	B5104S250CC-D	357.95	B5104E250CC-D	357.95	B5104V250CC-D	469.60
3"	B5104S300CC-D	426.00	B5104E300CC-D	426.00	B5104V300CC-D	554.45
4"	B5104S400CC-D	564.75	B5104E400CC-D	564.75	B5104V400CC-D	725.75



Size	Dimensions						
	A	B	C	D	E	F	G
1"	6.6"	2.9"	1.2"	1.2"	3.0"	0.9"	3.1"
1½"	6.6"	2.9"	1.2"	1.2"	3.0"	1.4"	3.1"
2"	6.6"	3.2"	1.2"	1.2"	3.0"	1.9"	3.7"
2½"	6.6"	3.4"	1.2"	1.2"	3.0"	2.4"	4.2"
3"	6.6"	3.7"	1.2"	1.2"	3.0"	2.9"	4.8"
4"	6.6"	4.7"	1.7"	1.5"	3.5"	3.8"	5.9"

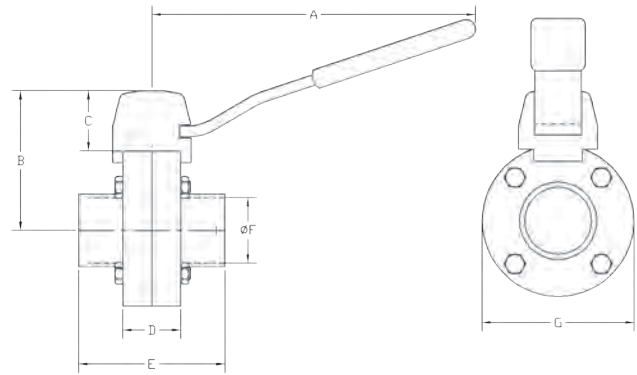
Butterfly Valves

Weld End

Size	CF8M Stainless Steel with Silicone Seats		CF8M Stainless Steel with EPDM Seats		CF8M Stainless Steel with FKM Seats	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	B5104S100BB-D	\$249.25	B5104E100BB-D	\$249.25	B5104V100BB-D	\$318.45
1½"	B5104S150BB-D	272.25	B5104E150BB-D	272.25	B5104V150BB-D	372.60
2"	B5104S200BB-D	293.60	B5104E200BB-D	293.60	B5104V200BB-D	398.65
2½"	B5104S250BB-D	368.15	B5104E250BB-D	368.15	B5104V250BB-D	483.05
3"	B5104S300BB-D	438.20	B5104E300BB-D	438.20	B5104V300BB-D	570.30
4"	B5104S400BB-D	580.85	B5104E400BB-D	580.85	B5104V400BB-D	746.45



Size	Dimensions						
	A	B	C	D	E	F	G
1"	6.6"	2.9"	1.2"	1.2"	3.0"	0.9"	3.1"
1½"	6.6"	2.9"	1.2"	1.2"	3.0"	1.4"	3.1"
2"	6.6"	3.2"	1.2"	1.2"	3.0"	1.9"	3.7"
2½"	6.6"	3.4"	1.2"	1.2"	3.0"	2.4"	4.2"
3"	6.6"	3.7"	1.2"	1.2"	3.0"	2.9"	4.8"
4"	6.6"	4.7"	1.7"	1.5"	3.5"	3.8"	5.9"



Repair Kit for Clamp End and Weld End **Butterfly Valves**

Features:

- Repair kit contains:
 - (1) seat
 - (1) bushing
 - (1) split bushing
- for valves located on page 508-509

Valve Size	Red Silicone		Black EPDM		Black FKM	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	B5104-RKS100	\$28.65	B5104-RKE100	\$28.65	B5104-RKV100	\$80.65
1½"	B5104-RKS150	30.85	B5104-RKE150	30.85	B5104-RKV150	117.05
2"	B5104-RKS200	33.90	B5104-RKE200	33.90	B5104-RKV200	121.45
2½"	B5104-RKS250	44.85	B5104-RKE250	44.85	B5104-RKV250	134.45
3"	B5104-RKS300	54.20	B5104-RKE300	54.20	B5104-RKV300	154.85
4"	B5104-RKS400	71.75	B5104-RKE400	71.75	B5104-RKV400	195.65

N

2014
NEW

Butterfly Valve Automation

Butterfly Valve with Stainless Steel Vertical Spring Return Actuation

Features:

- silicone and FKM elastomers also available
- other end configurations are available
- contact Dixon for more information

Butterfly Valve with EPDM seats and a vertical spring return normally *closed* pneumatic canister style actuator

Valve Size	Style B5101 Part #	Price/E	Style B5102 Part #	Price/E	Style B5104 Part #	Price/E
½"	B5101E050CC-G	\$812.50	---	---	---	---
¾"	B5101E075CC-G	812.50	---	---	---	---
1"	B5101E100CC-G	812.50	B5102E100-G	\$656.80	B5104E100CC-G	\$722.20
1½"	B5101E150CC-G	806.15	B5102E150-G	644.20	B5104E150CC-G	740.75
2"	B5101E200CC-G	862.30	B5102E200-G	685.35	B5104E200CC-G	758.00
2½"	B5101E250CC-G	930.95	B5102E250-G	709.65	B5104E250CC-G	818.25
3"	B5101E300CC-G	1064.00	B5102E300-G	771.35	B5104E300CC-G	915.80
4"	B5101E400CC-G	1346.75	B5102E400-G	885.15	B5104E400CC-G	988.50

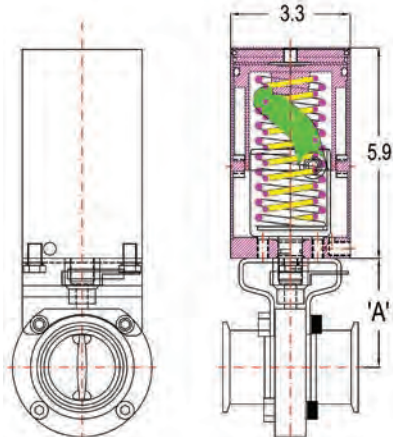
Butterfly Valve with EPDM seats and a vertical spring return normally *open* pneumatic canister style actuator

Valve Size	Style B5101 Part #	Price/E	Style B5102 Part #	Price/E	Style B5104 Part #	Price/E
½"	B5101E050CC-F	\$812.50	---	---	---	---
¾"	B5101E075CC-F	812.50	---	---	---	---
1"	B5101E100CC-F	812.50	B5102E100-F	\$656.80	B5104E100CC-F	\$722.20
1½"	B5101E150CC-F	806.15	B5102E150-F	644.20	B5104E150CC-F	740.75
2"	B5101E200CC-F	862.30	B5102E200-F	685.35	B5104E200CC-F	758.00
2½"	B5101E250CC-F	930.95	B5102E250-F	709.65	B5104E250CC-F	818.25
3"	B5101E300CC-F	1064.00	B5102E300-F	771.35	B5104E300CC-F	915.80
4"	B5101E400CC-F	1346.75	B5102E400-F	885.15	B5104E400CC-F	988.50

Butterfly Valve with EPDM seats and a vertical double acting pneumatic canister style actuator

Valve Size	Style B5101 Part #	Price/E	Style B5102 Part #	Price/E	Style B5104 Part #	Price/E
½"	B5101E050CC-H	\$812.50	---	---	---	---
¾"	B5101E075CC-H	812.50	---	---	---	---
1"	B5101E100CC-H	812.50	B5102E100-H	\$656.80	B5104E100CC-H	\$722.20
1½"	B5101E150CC-H	806.15	B5102E150-H	644.20	B5104E150CC-H	740.75
2"	B5101E200CC-H	862.30	B5102E200-H	685.35	B5104E200CC-H	758.00
2½"	B5101E250CC-H	930.95	B5102E250-H	709.65	B5104E250CC-H	818.25
3"	B5101E300CC-H	1064.00	B5102E300-H	771.35	B5104E300CC-H	915.80
4"	B5101E400CC-H	1346.75	B5102E400-H	885.15	B5104E400CC-H	988.50

Dimensions



Dimension 'A'

Valve Size	Valve Style		
	B5101	B5102	B5104
½" - 1"	2.7"	2.5"	3.1"
1½"	2.7"	2.5"	3.1"
2"	3.1"	2.9"	3.3"
2½"	3.5"	3.2"	3.6"
3"	3.7"	3.4"	3.9"
4"	4.5"	4.0"	4.8"

All dimensions are in inches, unless noted. Dimensions are approximate.

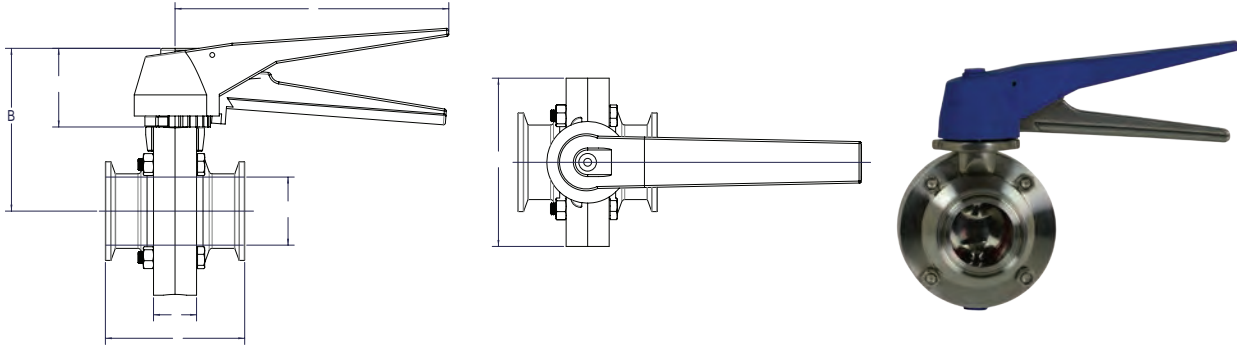
Engineering dimensions are available upon request. Specifications are subject to change without notice.

304 Stainless Steel Butterfly Valves with Trigger Handle

Features:

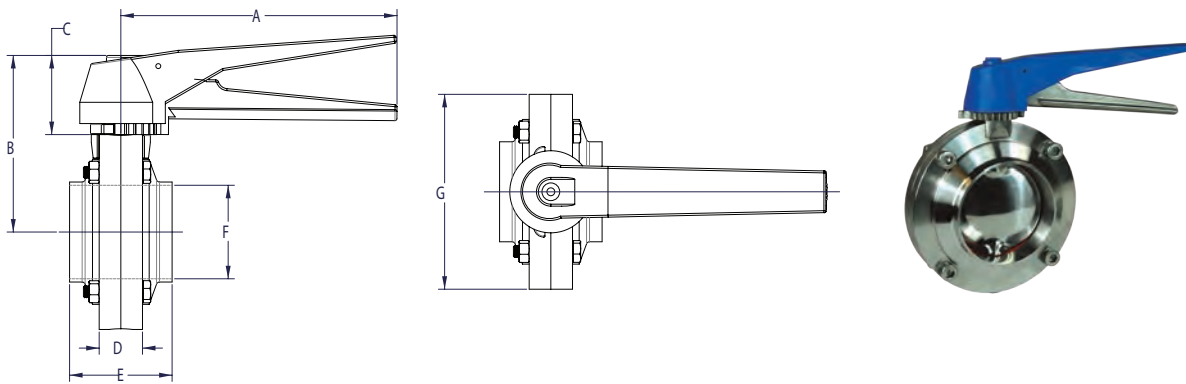
- 100% tested / 100% inspected
- all wetted surfaces are sanitary finish to <math><32R_a</math>
- field serviceable (no special tools required)
- silicone seats
- blue trigger handle
- temperature range: **15° to 200°F**
- maximum operating pressure: **110 PSI**
- repair kits available
- cannot be actuated

Clamp End



Size	Dimensions							304 Stainless Steel	
	A	B	C	D	E	F	G	Part #	Price/E
1½"	5.70"	3.40"	1.60"	0.87"	2.80"	1.40"	3.40"	B5115S150CC-C	\$164.95
2"	5.70"	3.60"	1.60"	0.87"	3.00"	1.90"	3.90"	B5115S200CC-C	213.00
3"	5.70"	4.20"	1.60"	0.87"	3.30"	2.90"	5.00"	B5115S300CC-C	313.30
4"	6.89"	5.51"	1.60"	0.87"	3.62"	3.83"	6.89"	B5115S400CC-C	445.45

Weld End



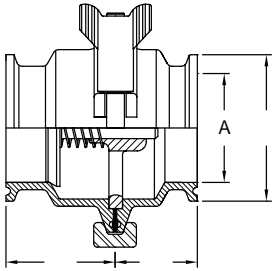
Size	Dimensions							304 Stainless Steel	
	A	B	C	D	E	F	G	Part #	Price/E
1½"	5.70"	3.40"	1.60"	0.87"	1.97"	1.40"	3.40"	B5115S150BB-C	\$161.65
2"	5.70"	3.60"	1.60"	0.87"	2.05"	1.90"	3.90"	B5115S200BB-C	195.95
3"	5.70"	4.20"	1.60"	0.87"	2.12"	2.90"	5.00"	B5115S300BB-C	290.30
4"	6.89"	5.51"	1.60"	0.87"	2.52"	3.83"	6.89"	B5115S400BB-C	422.20

Silicone Replacement Seats

Size	Part #	Price/E
1½"	B5115-RKS150	\$24.75
2"	B5115-RKS200	29.05
3"	B5115-RKS300	46.05
4"	B5115-RKS400	49.40



Spring Check Valves



Features:

- 3A authorized 58-00
- full size flow plate
- long stem bushing for increased cycle life
- suitable for low and medium viscosity fluids
- field serviceable (no special tools required)
- operating temperature range: **15°F to 200°F**
- maximum operating pressure: **145 PSI**
- various end connections available, contact Dixon for information

Size	Dimensions				316L Stainless Steel	
	A	B	C	D	Part #	Price/E
½"	0.37"	0.99"	1.10"	1.60"	B45MP-R50	\$392.35
¾"	0.62"	0.99"	1.10"	1.60"	B45MP-R75	440.75
1"	0.87"	1.99"	1.37"	1.92"	B46MP-R100	430.65
1½"	1.37"	1.99"	1.44"	1.92"	B46MP-R150	429.80
2"	1.87"	2.52"	1.44"	1.92"	B46MP-R200	543.55
2½"	2.37"	3.05"	1.44"	1.92"	B46MP-R250	780.50
3"	2.87"	3.58"	1.44"	1.92"	B46MP-R300	1003.20
4"	3.84"	4.69"	1.88"	2.15"	B46MP-R400	1285.40

Repair Kits for Spring Check Valves

Repair kit for ½" - ¾" contains:

- (1) 316L spring
- (1) FKM stem seat
- (1) Buna body O-ring

Repair kit for 1" - 4" contains:

- (1) 316L spring
- (1) FKM stem seat
- (1) Buna clamp gasket

Size	Part #	Price/E
½"	B45MP-RK050	\$18.35
¾"	B45MP-RK075	18.35
1"	B46MP-RK100	29.05
1½"	B46MP-RK150	30.40
2"	B46MP-RK200	36.55
2½"	B46MP-RK250	37.65
3"	B46MP-RK300	47.45
4"	B46MP-RK400	50.15

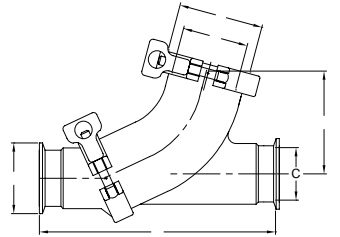
N

Y Ball Check Valves

When liquid flows through the valve, the ball is forced into the branch of the valve allowing full fluid flow. When the liquid stops, equalizing the pressure, the ball drops back into the seat, preventing backflow. Should reverse flow occur, the differential pressure will cause the ball to seal firmly against the seat preventing leakage.

Features:

- maximum operating pressure: **150 PSI**
- temperature range: **15° to 200°F**
- two piece construction for easier alignment during installation
- ID and OD polished to 3A standards
- all metal contact surfaces of 316L stainless steel construction
- PTFE ball
- replaceable seat
- field serviceable without special tools
- various end configurations available: clamp, weld, I-line, Q-line, bevel seat and John Perry
- air blow check valve can be added (see air blow for sizing)



Size	Dimensions						316L Stainless Steel	
	A	B	C	D	E	F	Part #	Price/E
1½"	7.50"	3.30"	1.36"	1.87"	1.98"	2.51"	B45BY-R150	\$788.15
2"	8.50"	3.90"	1.86"	2.33"	2.51"	3.04"	B45BY-R200	983.95
2½"	10.00"	4.50"	2.37"	2.87"	3.04"	3.57"	B45BY-R250	1293.65
3"	11.50"	5.30"	2.87"	3.83"	3.57"	4.68"	B45BY-R300	2110.90

Kits for Ball Check Valves

Repair Kits

repair kit contains:

- (1) PTFE ball
- (1) EPDM/CF8M seat
- (1) EPDM cap gasket

Size	Part #	Price/E
1½"	B45BY-RK150	\$119.70
2"	B45BY-RK200	156.95
2½"	B45BY-RK250	324.40
3"	B45BY-RK300	664.55

Seal Kits

seal kit contains:

- (1) EPDM/CF8M seat
- (1) EPDM cap gasket

Size	Part #	Price/E
1½"	B45BY-SK150	\$46.75
2"	B45BY-SK200	55.75
2½"	B45BY-SK250	74.40
3"	B45BY-SK300	104.00

All FKM Seal Kits

FKM seal kit contains:

- (1) FKM/CF8M seat
- (1) FKM cap gasket

Size	Part #	Price/E
1½"	B45BY-SKV150	\$98.05
2"	B45BY-SKV200	122.15
2½"	B45BY-SKV250	158.10
3"	B45BY-SKV300	228.90

Replacement Balls

(1) PTFE Ball

Size	Part #	Price/E
1½"	B45BY-TB150	\$107.65
2"	B45BY-TB200	160.45
2½"	B45BY-TB250	369.60
3"	B45BY-TB300	794.70



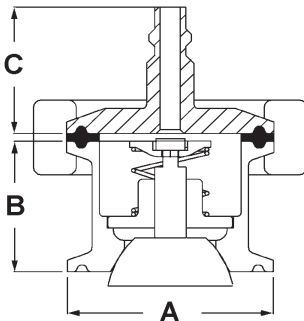
Air Blow Check Valves

Applications:

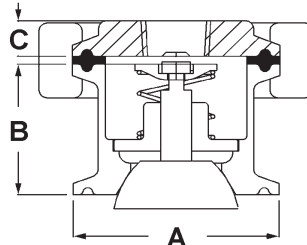
The air blow check valve is designed to pressurize lines with air to clean out product or cleaning solutions. It is fail-safe because the simple air-to-open, spring-to-close mechanism prevents backflow. Can be used with a check valve.

Features:

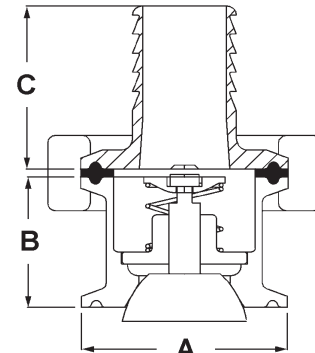
- EPDM seat and gasket
- conforms to 3A practice 604-05 with optional filter disc, sold separately in packs of 50
- maximum temperature: **212°F**
- maximum operating pressure: **145 PSI**



B45AB



B45BC



B45CC

Size	Dimensions		Quick Connect Plug 316L Stainless Steel		Dim. C	Female NPT 316L Stainless Steel		Dim. C	Hose Barb 316L Stainless Steel		Dim. C
	A	B	Part #	Price/E		Part #	Price/E		Part #	Price/E	
1"-1½"	1.984"	1.300"	B45AB-R100150	\$342.30	1.26"	B45BC-R100150	\$363.75	0.60"	B45CC-R100150	\$363.75	1.70"
2"	2.516"	1.300"	B45AB-R200	348.75	1.26"	B45BC-R200	370.65	0.60"	B45CC-R200	370.65	1.70"
2½"	3.047"	1.300"	B45AB-R250	448.85	1.26"	B45BC-R250	477.00	0.60"	B45CC-R250	477.00	1.70"
3"	3.579"	1.300"	B45AB-R300	553.55	1.26"	B45BC-R300	553.55	0.60"	B45CC-R300	553.55	1.70"
4"	4.682"	1.300"	B45AB-R400	629.20	1.26"	B45BC-R400	629.20	0.60"	B45CC-R400	629.20	1.70"

Repair Kit for Air Blow Check Valves

Repair kit contains:

- (1) EPDM / 316L stainless perforated disc
- (1) 304 stainless spring retainer
- (1) 304 stainless spring
- (1) nylon stem guide
- (1) EPDM / 316L stainless steel plug and stem

Part #	Price/E
B45AB-RK	\$107.60

When using air blow check valves with ball check valves, refer to the sizing chart below.

Sizing Chart

Ball Check Valve Size	Air Blow Check Valve Size
1½"	2"
2"	2½"
2½"	3"
3"	4"

Dixon Sanitary's commitment to excellence and continuous research and development for improving product quality may warrant periodic changes in design and specification. We reserve the right to modify product design without prior notification and without incurring any liability to provide these modifications to products previously purchased.

Air & Vacuum Relief Tank Vent Valve

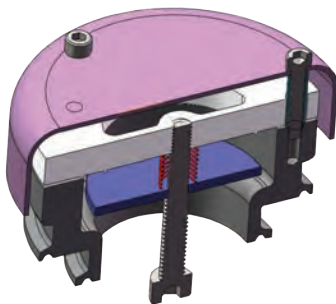
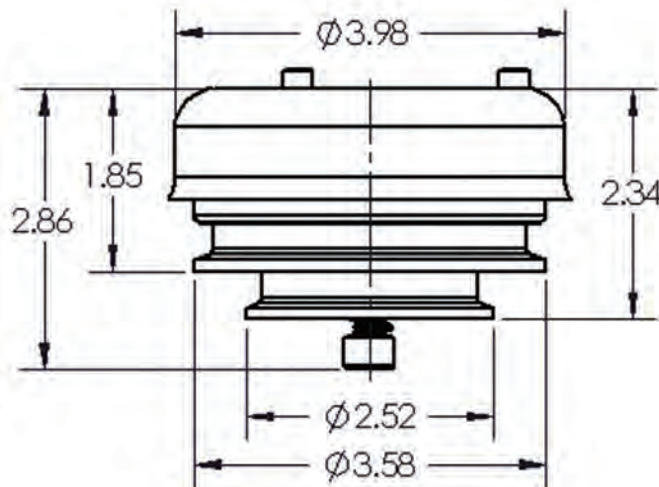
Features:

- The valve relieves pressure as the fluid level rises while filling a tank.
- The valve relieves vacuum as the fluid level drops while emptying a tank.
- 2" and 3" clamp connections on the same valve
- dome helps in preventing external contamination
- light weight, robust PVC and 304 stainless steel construction
- can use any clamp gasket
- maximum flow rate: 500GPM
- vacuum break: .1 **PSI**
- pressure relief: .1 **PSI**

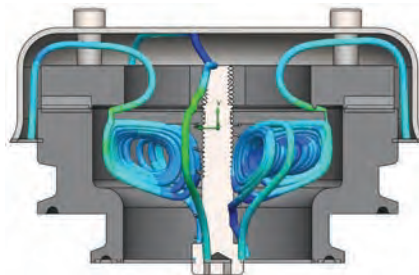


Size	304 Stainless Steel Part #	Price/E
2" - 3"	TVPC200-300	\$99.55

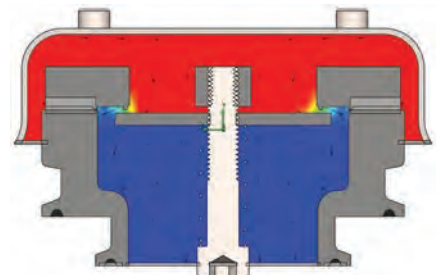
Dimensions



Assembly

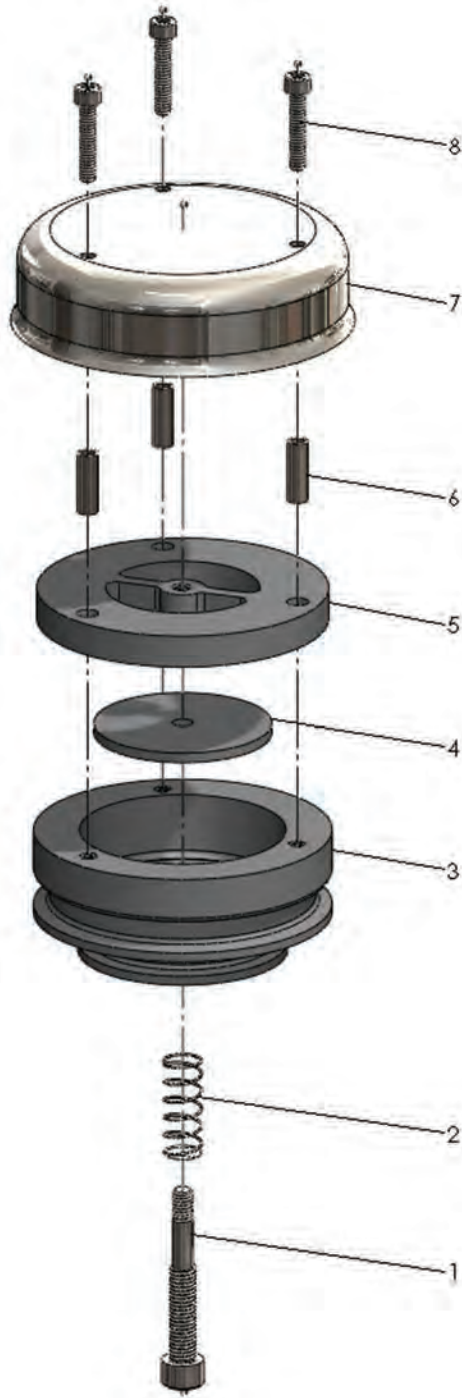


Vent Flow Pipes



Pressure Analysis

Tank Vent Valve - Exploded View



N

Item	Description	Material	Quantity
1	spring bolt	304 stainless steel	1
2	spring	304 stainless steel	1
3	body	PVC	1
4	check plate	PVC	1
5	flow plate	PVC	1
6	spacer	304 stainless steel	3
7	cap	304 stainless steel	1
8	cap bolt	304 stainless steel	3

Dixon Sanitary Pump Line

2014
NEW

Applications:

- used in food processing, beverage, dairy, pharmaceutical and chemical applications
- used in many industrial applications when cleanability is an important factor

Dixon/JEC Positive Displacement Pumps



RZL-Series of Rotary Lobe Pumps

Features:

- sizes: 1" to 5"
- flow: 1.32 to 88.10 Gal/100rev
- maximum working pressure: **300 PSI**
- maximum speed: 1,000 RPM
- 316L stainless steel and 25Ra standard
- 100% CIPable
- universal mounting
- rotors: single and bi-wing, bi-lobe, tri-lobe and 5-lobe, single and double heli-lobe, spur gear
- front loading seals: single and double O-ring, triple lip, single and double mechanical, flush
- stainless steel gear box standard
- for all other options – contact Dixon Sanitary's Engineering Department 1-800-789-1718



RZP-Series of Circumferential Piston Pumps

Features:

- sizes: 1½" to 4"
- flow: 1.38 to 81.10 Gal/100rev
- maximum working pressure: **246 PSI**
- maximum speed: 800 RPM
- 316L stainless steel and 25Ra standard
- 100% CIPable
- universal mounting
- front loading seals: single and double O-ring, triple lip seal, single and double mechanical, flush
- stainless steel gear box standard
- for all other options – contact Dixon Sanitary's Engineering Department 1-800-789-1718



N

Dixon BC-Series and BP-Series Sanitary Centrifugal Pumps



Features:

- sizes: 1½" to 4" inlet; 1½" to 2" outlet
- flow: up to 780 GPM
- speed: up to 3500 RPM – 60 Hz
- 316L and 32Ra standard for wetted parts
- seals: D, DG and optional flush
- interchangeable with other C-Series pumps
- BC-Series features impeller retainer
- BP-Series features threaded impeller nut
- complete information is available in Dixon Sanitary's Engineered Products Catalog





High Purity BioPharm Fittings

Specifications

- All fittings are manufactured to meet the latest edition of the ASME BPE International Standard, Bioprocessing Equipment.
- 316L stainless steel material and dimensions meet all orbital welding specifications with controlled sulphur.

Markets

- pharmaceutical
- cosmetics
- bioprocessing
- food processing
- semiconductor
- beverage

Packaging

Product markings per ASME BPE 2012 DT-10.1

- job number
- 316L
- Dixon Sanitary part number
- heat number(s)
- surface finish code
- ASME BPE

Per the specification, the size of the fitting may limit the space available for markings. When this occurs, the markings starting at the bottom of the list are not applied. The Dixon Sanitary part number will describe the part configuration and size.

MTR (material test report) certifications are included inside a resealable bag with each fitting. The MTRs are traceable through the job number found on each fitting. All fittings are capped to prevent damage and contamination. Material test reports are also available from the Dixon website dixonvalve.com; just enter the job number located on each fitting.

For easy identification each finish will have a different color cap.

- PL finish - SF1...blue caps
- PM finish - SF4...white caps

Example MTR

Dixon Sanitary High Purity BioPharm Fittings

316L (S31603) Stainless Steel Material Test Report

Job Number	BC004		
-------------------	-------	--	--

Bradford™ Part Number	Description	Size	Surface finish
T9MP-150PM	Clamp Cross per Table DT-4 1 2-4	1½"	SF4 (15Ra)

Chemical analysis (%) per ASME BPE 2012 Table MM-2.1-1 and Section MM-5.1.1

Item	Heat number	C	Mn	P	S	Si	Cr	Ni	Mo	N
		0.030	2.00	0.045	0.017	1.00	16.00	10.00	2.00	
M	950809	0.019	1.54	0.031	0.010	0.41	16.80	10.10	2.05	0.11
F	SA0479-B70	0.021	1.49	0.032	0.014	0.30	16.20	10.30	2.16	

Mechanical Test Results

Item	Yield Strength (0.2%), MPa	Tensile Strength, MPa	Elongation, %	Hardness, HRB	Specification
	170 minimum	485 minimum	35 minimum	90 maximum	
M	361	600	55.0	87	ASME SA479
F	270	565	61.0	77	ASME SA479

Product of USA

We certify that the above is a true copy of the test results issued by the material supplier. This MTR conforms to EN10204-3.1. All fittings supplied by Dixon Sanitary conform to the requirements of the European Union Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

Bruce Anderson
Technical Director

Dixon Sanitary
N25 W23040 Paul Rd.
Pewaukee, WI 53072
USA
800-789-1718
bradfordfittings.com

The Right Connector™

High Purity BioPharm Fittings

90° Weld Elbows - T2S

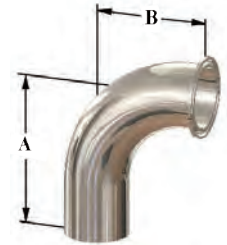
Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	3.00"	T2S-050PL	\$53.55	T2S-050PM	\$85.50
3/4"	3.00"	T2S-075PL	53.55	T2S-075PM	85.50
1"	3.00"	T2S-100PL	51.35	T2S-100PM	83.60
1 1/2"	3.75"	T2S-150PL	48.05	T2S-150PM	81.95
2"	4.75"	T2S-200PL	64.90	T2S-200PM	109.10
2 1/2"	5.50"	T2S-250PL	117.25	T2S-250PM	154.45
3"	6.25"	T2S-300PL	163.10	T2S-300PM	205.70
4"	8.00"	T2S-400PL	281.10	T2S-400PM	340.10



BPE Table DT-4.1.1-1

90° Clamp x Weld Elbows - T2CM

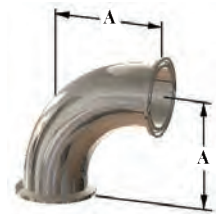
Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	3.00"	1.625"	T2CM-050PL	\$108.35	T2CM-050PM	\$123.85
3/4"	3.00"	1.625"	T2CM-075PL	108.35	T2CM-075PM	123.85
1"	3.00"	2.000"	T2CM-100PL	99.05	T2CM-100PM	116.20
1 1/2"	3.75"	2.750"	T2CM-150PL	99.05	T2CM-150PM	117.65
2"	4.75"	3.500"	T2CM-200PL	125.35	T2CM-200PM	148.65
2 1/2"	5.50"	4.250"	T2CM-250PL	192.35	T2CM-250PM	223.85
3"	6.25"	5.000"	T2CM-300PL	250.90	T2CM-300PM	282.50
4"	8.00"	6.625"	T2CM-400PL	390.65	T2CM-400PM	429.70



BPE Table DT-4.1.1-2

90° Clamp x Clamp Elbows - T2CMP

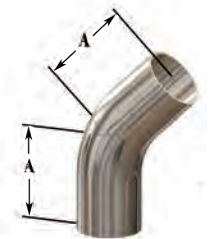
Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	1.625"	T2CMP-050PL	\$103.70	T2CMP-050PM	\$120.70
3/4"	1.625"	T2CMP-075PL	103.70	T2CMP-075PM	120.70
1"	2.000"	T2CMP-100PL	91.40	T2CMP-100PM	106.90
1 1/2"	2.750"	T2CMP-150PL	91.40	T2CMP-150PM	120.90
2"	3.500"	T2CMP-200PL	122.35	T2CMP-200PM	158.35
2 1/2"	4.250"	T2CMP-250PL	201.40	T2CMP-250PM	228.45
3"	5.000"	T2CMP-300PL	228.45	T2CMP-300PM	259.95
4"	6.625"	T2CMP-400PL	468.75	T2CMP-400PM	510.80



BPE Table DT-4.11.1-3

45° Weld Elbows - T2KS

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	2.250"	T2KS-050PL	\$56.85	T2KS-050PM	\$88.35
3/4"	2.250"	T2KS-075PL	56.85	T2KS-075PM	88.35
1"	2.250"	T2KS-100PL	60.15	T2KS-100PM	77.70
1 1/2"	2.500"	T2KS-150PL	65.30	T2KS-150PM	82.55
2"	3.000"	T2KS-200PL	77.25	T2KS-200PM	99.75
2 1/2"	3.375"	T2KS-250PL	88.35	T2KS-250PM	122.60
3"	3.625"	T2KS-300PL	114.80	T2KS-300PM	152.35
4"	4.500"	T2KS-400PL	199.50	T2KS-400PM	246.50



BPE Table DT-4.1.1-4

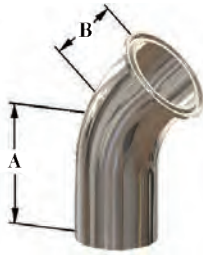
PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished



High Purity BioPharm Fittings

45° Clamp x Weld Elbows - T2KM



BPE Table DT-4.1.1-5

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	2.250"	1.000"	T2KM-050PL	\$102.20	T2KM-050PM	\$119.20
3/4"	2.250"	1.000"	T2KM-075PL	102.20	T2KM-075PM	119.20
1"	2.250"	1.125"	T2KM-100PL	99.05	T2KM-100PM	116.20
1 1/2"	2.500"	1.438"	T2KM-150PL	99.05	T2KM-150PM	117.65
2"	3.000"	1.750"	T2KM-200PL	113.05	T2KM-200PM	148.10
2 1/2"	3.375"	2.063"	T2KM-250PL	143.95	T2KM-250PM	190.15
3"	3.625"	2.380"	T2KM-300PL	192.35	T2KM-300PM	246.25
4"	4.500"	3.125"	T2KM-400PL	285.95	T2KM-400PM	328.90

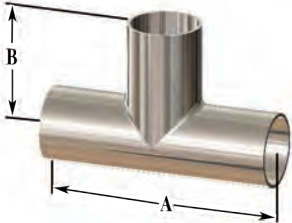
45° Clamp x Clamp Elbows - T2KMP



BPE Table DT-4.1.1-6

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	1.000"	T2KMP-050PL	\$134.65	T2KMP-050PM	\$140.80
3/4"	1.000"	T2KMP-075PL	123.85	T2KMP-075PM	140.80
1"	1.125"	T2KMP-100PL	120.70	T2KMP-100PM	127.00
1 1/2"	1.438"	T2KMP-150PL	109.90	T2KMP-150PM	128.45
2"	1.750"	T2KMP-200PL	128.45	T2KMP-200PM	150.10
2 1/2"	2.063"	T2KMP-250PL	198.30	T2KMP-250PM	228.45
3"	2.380"	T2KMP-300PL	250.90	T2KMP-300PM	282.50
4"	3.125"	T2KMP-400PL	563.35	T2KMP-400PM	608.40

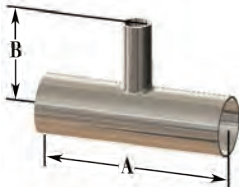
Weld x Weld x Weld Tees - T7WWW



BPE Table DT-4.1.2-1

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	3.750"	1.875"	T7WWW-050PL	\$106.65	T7WWW-050PM	\$119.85
3/4"	4.000"	2.000"	T7WWW-075PL	106.65	T7WWW-075PM	119.85
1"	4.250"	2.125"	T7WWW-100PL	96.35	T7WWW-100PM	109.50
1 1/2"	4.750"	2.375"	T7WWW-150PL	96.35	T7WWW-150PM	122.25
2"	5.750"	2.875"	T7WWW-200PL	111.10	T7WWW-200PM	148.75
2 1/2"	6.250"	3.125"	T7WWW-250PL	156.55	T7WWW-250PM	203.10
3"	6.750"	3.375"	T7WWW-300PL	199.85	T7WWW-300PM	246.25
4"	8.250"	4.125"	T7WWW-400PL	290.00	T7WWW-400PM	353.70

Weld x Weld x Weld Reducing Tees - T7RWWW



BPE Table DT-4.1.2-6

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
3/4" x 1/2"	4.000"	2.000"	T7RWWW-075050PL	\$116.60	T7RWWW-075050PM	\$162.30
1" x 1/2"	4.250"	2.125"	T7RWWW-100050PL	120.30	T7RWWW-100050PM	168.35
1" x 3/4"	4.250"	2.125"	T7RWWW-100075PL	120.30	T7RWWW-100075PM	168.35
1 1/2" x 1/2"	4.750"	2.375"	T7RWWW-150050PL	157.75	T7RWWW-150050PM	178.80
1 1/2" x 3/4"	4.750"	2.375"	T7RWWW-150075PL	120.30	T7RWWW-150075PM	169.80
1 1/2" x 1"	4.750"	2.375"	T7RWWW-150100PL	157.75	T7RWWW-150100PM	178.80
2" x 1/2"	5.750"	2.625"	T7RWWW-200050PL	204.35	T7RWWW-200050PM	225.35
2" x 3/4"	5.750"	2.625"	T7RWWW-200075PL	204.35	T7RWWW-200075PM	225.35
2" x 1"	5.750"	2.625"	T7RWWW-200100PL	204.35	T7RWWW-200100PM	225.35
2" x 1 1/2"	5.750"	2.625"	T7RWWW-200150PL	204.35	T7RWWW-200150PM	225.35

PL Finish – SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

PM Finish – SF4

OD = 32R_a Mechanically Polished

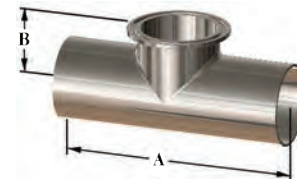
ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings



Weld x Weld x Clamp Short Outlet Tees - T7WWMS

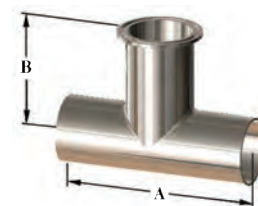
Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	3.750"	1.000"	T7WWMS-050PL	\$141.35	T7WWMS-050PM	\$161.60
3/4"	4.000"	1.125"	T7WWMS-075PL	130.00	T7WWMS-075PM	148.65
1"	4.250"	1.125"	T7WWMS-100PL	116.20	T7WWMS-100PM	131.65
1 1/2"	4.750"	1.375"	T7WWMS-150PL	116.20	T7WWMS-150PM	136.15
2"	5.750"	1.625"	T7WWMS-200PL	139.35	T7WWMS-200PM	178.50
2 1/2"	6.250"	1.825"	T7WWMS-250PL	181.85	T7WWMS-250PM	236.40
3"	6.750"	2.125"	T7WWMS-300PL	236.80	T7WWMS-300PM	281.00
4"	8.250"	2.750"	T7WWMS-400PL	522.80	T7WWMS-400PM	564.85



BPE Table DT-4.1.2-2

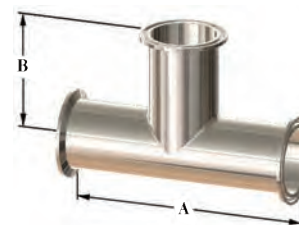
Weld x Weld x Clamp Tees - T7WWM

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	3.750"	2.250"	T7WWM-050PL	\$130.00	T7WWM-050PM	\$148.65
3/4"	4.000"	2.375"	T7WWM-075PL	130.00	T7WWM-075PM	148.65
1"	4.250"	2.625"	T7WWM-100PL	116.20	T7WWM-100PM	131.65
1 1/2"	4.750"	2.875"	T7WWM-150PL	116.20	T7WWM-150PM	149.80
2"	5.750"	3.375"	T7WWM-200PL	139.35	T7WWM-200PM	178.50
2 1/2"	6.250"	3.625"	T7WWM-250PL	181.85	T7WWM-250PM	236.40
3"	6.750"	3.875"	T7WWM-300PL	247.90	T7WWM-300PM	309.10
4"	8.250"	4.750"	T7WWM-400PL	522.80	T7WWM-400PM	564.85



Clamp x Clamp x Clamp Tees - T7MP

Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2"	4.500"	2.250"	T7MP-050PL	\$159.50	T7MP-050PM	\$176.70
3/4"	4.750"	2.375"	T7MP-075PL	159.50	T7MP-075PM	176.70
1"	5.250"	2.625"	T7MP-100PL	143.50	T7MP-100PM	159.50
1 1/2"	5.750"	2.875"	T7MP-150PL	143.50	T7MP-150PM	180.20
2"	6.750"	3.375"	T7MP-200PL	162.35	T7MP-200PM	215.45
2 1/2"	7.250"	3.625"	T7MP-250PL	214.05	T7MP-250PM	273.40
3"	7.750"	3.875"	T7MP-300PL	460.15	T7MP-300PM	495.50
4"	9.500"	4.750"	T7MP-400PL	883.25	T7MP-400PM	936.35



BPE Table DT-4.1.2-4

PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished



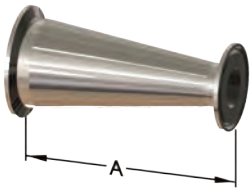
High Purity BioPharm Fittings Weld x Weld Concentric Reducers - T31W



BPE Table DT-4.1.3-1(a)

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
¾" x ½"	4.00"	T31W-075050PL	\$102.65	T31W-075050PM	\$126.15
1" x ½"	4.50"	T31W-100050PL	145.65	T31W-100050PM	163.80
1" x ¾"	4.00"	T31W-100075PL	117.95	T31W-100075PM	136.45
1½" x ½"	5.50"	T31W-150050PL	264.05	T31W-150050PM	301.40
1½" x ¾"	5.00"	T31W-150075PL	283.95	T31W-150075PM	304.95
1½" x 1"	5.00"	T31W-150100PL	126.95	T31W-150100PM	187.90
2" x ½"	7.75"	T31W-200050PL	337.55	T31W-200050PM	440.40
2" x ¾"	7.25"	T31W-200075PL	313.95	T31W-200075PM	414.65
2" x 1"	7.25"	T31W-200100PL	149.00	T31W-200100PM	181.25
2" x 1½"	5.25"	T31W-200150PL	127.70	T31W-200150PM	165.85

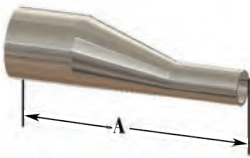
Clamp x Clamp Concentric Reducers - T3114MP



BPE Table DT-4.1.3-3(a)

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
¾" x ½"	2.000"	T3114MP075050PL	\$215.55	T3114MP075050PM	\$236.15
1" x ½"	2.500"	T3114MP100050PL	303.90	T3114MP100050PM	328.40
1" x ¾"	2.000"	T3114MP100075PL	232.90	T3114MP100075PM	252.40
1½" x ½"	3.500"	T3114MP150050PL	362.90	T3114MP150050PM	392.10
1½" x ¾"	3.000"	T3114MP150075PL	366.80	T3114MP150075PM	455.80
1½" x 1"	3.000"	T3114MP150100PL	261.40	T3114MP150100PM	285.30
2" x ½"	5.500"	T3114MP200050PL	497.40	T3114MP200050PM	667.60
2" x ¾"	5.000"	T3114MP200075PL	494.00	T3114MP200075PM	530.80
2" x 1"	5.000"	T3114MP200100PL	321.80	T3114MP200100PM	342.95
2" x 1½"	3.000"	T3114MP200150PL	221.55	T3114MP200150PM	244.55

Weld x Weld Eccentric Reducers - T32W



BPE Table DT-4.1.3-1(a)

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
¾" x ½"	4.00"	T32W-075050PL	\$187.85	T32W-075050PM	\$205.85
1" x ½"	4.50"	T32W-100050PL	178.50	T32W-100050PM	195.40
1" x ¾"	4.00"	T32W-100075PL	190.85	T32W-100075PM	205.85
1½" x ½"	5.50"	T32W-150050PL	421.50	T32W-150050PM	447.60
1½" x ¾"	5.00"	T32W-150075PL	387.60	T32W-150075PM	411.60
1½" x 1"	5.00"	T32W-150100PL	174.35	T32W-150100PM	194.75
2" x ½"	7.75"	T32W-200050PL	409.10	T32W-200050PM	509.90
2" x ¾"	7.25"	T32W-200075PL	406.65	T32W-200075PM	507.45
2" x 1"	7.25"	T32W-200100PL	185.60	T32W-200100PM	250.00
2" x 1½"	5.25"	T32W-200150PL	165.30	T32W-200150PM	216.35

Clamp x Clamp Eccentric Reducers - T3214MP



BPE Table DT-4.1.3-3(a)

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
¾" x ½"	2.000"	T3214MP075050PL	\$271.30	T3214MP075050PM	\$290.90
1" x ½"	2.500"	T3214MP100050PL	315.35	T3214MP100050PM	338.20
1" x ¾"	2.000"	T3214MP100075PL	317.65	T3214MP100075PM	338.70
1½" x ½"	3.500"	T3214MP150050PL	410.40	T3214MP150050PM	435.20
1½" x ¾"	3.000"	T3214MP150075PL	441.30	T3214MP150075PM	468.00
1½" x 1"	3.000"	T3214MP150100PL	320.45	T3214MP150100PM	349.95
2" x ½"	5.500"	T3214MP200050PL	654.40	T3214MP200050PM	797.85
2" x ¾"	5.000"	T3214MP200075PL	639.25	T3214MP200075PM	782.25
2" x 1"	5.000"	T3214MP200100PL	411.75	T3214MP200100PM	438.50
2" x 1½"	3.000"	T3214MP200150PL	281.10	T3214MP200150PM	326.00

PL Finish – SF1
OD = 32R_a Mechanically Polished
ID = 20R_a Mechanically Polished

PM Finish – SF4
OD = 32R_a Mechanically Polished
ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings



Solid End Caps - T16AMP

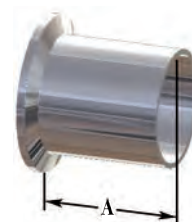
Size	Dimensions		PL finish - SF1		PM finish - SF4	
	A	B	Part #	Price/E	Part #	Price/E
1/2" - 3/4"	0.19"	1.00"	T16AMP-050075PL	\$14.50	T16AMP-050075PM	\$26.75
1" - 1 1/2"	0.25"	1.99"	T16AMP-100150PL	13.15	T16AMP-100150PM	25.25
2"	0.25"	2.52"	T16AMP-200PL	17.50	T16AMP-200PM	38.80
2 1/2"	0.25"	3.05"	T16AMP-250PL	25.25	T16AMP-250PM	46.35
3"	0.25"	3.58"	T16AMP-300PL	39.25	T16AMP-300PM	61.75
4"	0.31"	4.69"	T16AMP-400PL	102.45	T16AMP-400PM	127.60



BPE Table DT-4.1.5-2

Auto Weld Ferrules - TL14AM7

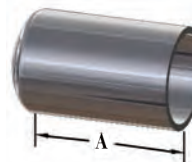
Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	1.75"	TL14AM7-050PL	\$26.45	TL14AM7-050PM	\$43.65
3/4"	1.75"	TL14AM7-075PL	26.45	TL14AM7-075PM	43.65
1"	1.75"	TL14AM7-100PL	26.55	TL14AM7-100PM	48.30
1 1/2"	1.75"	TL14AM7-150PL	28.05	TL14AM7-150PM	60.15
2"	2.25"	TL14AM7-200PL	36.45	TL14AM7-200PM	77.55
2 1/2"	2.25"	TL14AM7-250PL	56.00	TL14AM7-250PM	108.40
3"	2.25"	TL14AM7-300PL	76.35	TL14AM7-300PM	132.10
4"	2.25"	TL14AM7-400PL	135.35	TL14AM7-400PM	187.10



BPE Table DT-4.1.4-1

Weld Caps - T16W

Size	Dimension A	PL finish - SF1		PM finish - SF4	
		Part #	Price/E	Part #	Price/E
1/2"	1.50"	T16W-050PL	\$57.35	T16W-050PM	\$71.25
3/4"	1.50"	T16W-075PL	83.00	T16W-075PM	97.55
1"	1.50"	T16W-100PL	52.65	T16W-100PM	66.60
1 1/2"	1.50"	T16W-150PL	60.75	T16W-150PM	96.05
2"	1.50"	T16W-200PL	88.25	T16W-200PM	105.50



BPE Table DT-4.1.5-1


PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished

ULC UL Factory Set Pressure Reducing (regulating) Valves

18-457 / 18-458

Features:

- true combination shut-off and pressure reducing valves
- 1½" reduces inlet pressure of 300 PSI (2069 kPa) or less to working pressures of **10 through 175 PSI** (69-1207 kPa); 2½" reduces inlet pressures of 400 PSI (2758 kPa) or less to working pressures of **20 through 175 PSI** (138-1207 kPa) under discharge or static conditions
- female x female valves have an open / closed indicator bonnet for confirmation of valve status
- valves are tamper resistant and automatic
- available with a tamper proof switch
- complete switch, with bracket and housing, available for field mounting, consult Dixon for price and availability
- all debris must be flushed from the system prior to being placed into service 

Specifications:

- pressure reducing (regulating) valves are listed by:
 1. Underwriters Laboratories for Automatic Sprinkler Systems as floor or zone control valves
 2. Standpipe Systems, Class I, II and III
 3. Automatic Check Valve for Dual Riser Systems
 4. Approved by New York City Board of Standards and Appeals, approval # MEA 54-07-E
 5. Approved by City of Los Angeles and the City of San Francisco (ULC 2½")



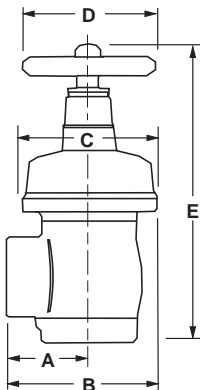
Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	NAPRAV150F-15	\$629.20	7
		NAPRAV150F-20	629.20	7
		NAPRAV150F-25	629.20	7
		NAPRAV150F-30	629.20	7
		NAPRAV150F-35	629.20	7
		NAPRAV150 ¹	POR	7
2½"	2½"	NAPRAV250F-55	800.40	19
		NAPRAV250F-60	800.40	19
		NAPRAV250F-65	800.40	19
		NAPRAV250F-70	800.40	19
		NAPRAV250F-75	800.40	19
		NAPRAV250F-80	800.40	19
		NAPRAV250F-90	800.40	19
NAPRAV250 ¹	POR	19		

¹ Customer Thread (must specify) refer to legend on page 566



Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	NAPRAVF150-15	\$629.20	7
		NAPRAVF150-20	629.20	7
		NAPRAVF150-30	629.20	7
		NAPRAVF150-25	629.20	7
		NAPRAVF150-50	629.20	7
2½"	2½"	NAPRAVF250-75	800.40	19
		NAPRAVF250-65	800.40	19
		NAPRAVF250-60	800.40	19
		NAPRAVF250-55	800.40	19
		NAPRAVF250-70	800.40	19
		NAPRAVF250-80	800.40	19
		NAPRAVF250-85	800.40	19

Dimensions



Size	A	B	C	D	E closed	E open
1½"	2-7/32"	4-5/32"	3-7/8"	3-3/4"	9-25/64"	8-53/64"
2½"	3-7/32"	6-3/32"	5-3/4"	5-3/4"	11-3/8"	10-13/16"

P

Factory Set Pressure Reducing (regulating) Valves



18-459

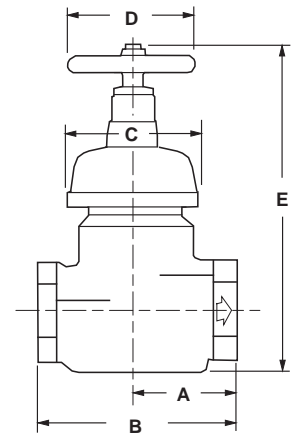
Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	NAPRVF250-55	\$800.40	25
		NAPRVF250-60	800.40	25
		NAPRVF250-65	800.40	25
		NAPRVF250-70	800.40	25
		NAPRVF250-75	800.40	25
		NAPRVF250-80	800.40	25
		NAPRVF250-85	800.40	25



Inlet Grooved	Outlet Grooved	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	NAPRVG250-55	\$800.40	25
		NAPRVG250-60	800.40	25
		NAPRVG250-65	800.40	25
		NAPRVG250-70	800.40	25
		NAPRVG250-75	800.40	25
		NAPRVG250-85	800.40	25

Dimensions

Size	Style	A	B	C	D	E closed	E open
2½"	NPT	3-7/8"	7-3/4"	5-3/4"	5-3/4"	12-3/4"	12-13/16"
2½"	grooved	4-3/8"	8-3/4"	5-3/4"	5-3/4"	12-3/4"	12-13/16"



Accessories for Pressure Reducing Brass Valves

P

18-457 / 18-458 / 18-459

Description	Brass Part #	Price/E
1½" tamper switch bracket kit (bonnet, nut, switch, bracket)	42-019-01585 <small>NEW</small>	\$121.25
2½" tamper switch bracket kit (bonnet, nut, switch, bracket)	42-019-01586	133.35
switch bracket only	18-458-00017	45.50
replacement handles for 1½" valves	AV150-W	17.45
replacement handles for 2½" valves	AV250-W	26.00



UL **UL** Factory Set Pressure Reducing (regulating) Valves

Features:

- (4) drilled and tapped bosses:
 - two on each side for upstream and downstream pressure monitoring
 - saves installation time and provides a cleaner appearance
- 2½" size reduces inlet pressures of **400 PSI** (2758 kPa) or less to desired working pressures from **20** through **175 PSI** (138-1207 kPa) under discharge or static conditions
- tamper switch available

angle valves



grooved x grooved

Inlet Grooved	Outlet Grooved	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	<i>NAPRAVGT250-55</i>	\$967.85	19
		<i>NAPRAVGT250-60</i>	967.85	19
		<i>NAPRAVGT250-65</i>	967.85	19
		<i>NAPRAVGT250-70</i>	967.85	19
		<i>NAPRAVGT250-75</i>	967.85	19
		<i>NAPRAVGT250-80</i>	967.85	19
		<i>NAPRAVGT250-85</i>	967.85	19
<i>NAPRAVGT250-95</i>	967.85	19		



grooved x female

Inlet Grooved	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	<i>NAPRAVGT250-55</i>	\$967.85	19
		<i>NAPRAVGT250-60</i>	967.85	19
		<i>NAPRAVGT250-65</i>	967.85	19
		<i>NAPRAVGT250-70</i>	967.85	19
		<i>NAPRAVGT250-75</i>	967.85	19
		<i>NAPRAVGT250-80</i>	967.85	19
		<i>NAPRAVGT250-85</i>	967.85	19
<i>NAPRAVGT250-95</i>	967.85	19		

globe valves

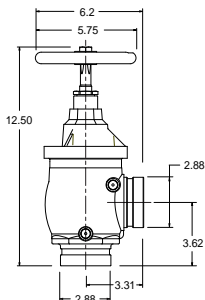


female x female

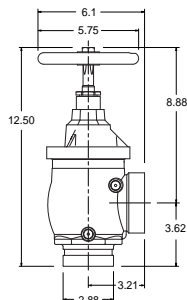
Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	<i>NAPRVFT250-55</i>	\$967.85	23.4
		<i>NAPRVFT250-60</i>	967.85	23.4
		<i>NAPRVFT250-65</i>	967.85	23.4
		<i>NAPRVFT250-70</i>	967.85	23.4
		<i>NAPRVFT250-75</i>	967.85	23.4
		<i>NAPRVFT250-80</i>	967.85	23.4
		<i>NAPRVFT250-85</i>	967.85	23.4

Inlet Grooved	Outlet Grooved	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	<i>NAPRVGT250-55</i>	\$967.85	23.4
		<i>NAPRVGT250-60</i>	967.85	23.4
		<i>NAPRVGT250-65</i>	967.85	23.4
		<i>NAPRVGT250-70</i>	967.85	23.4
		<i>NAPRVGT250-75</i>	967.85	23.4
		<i>NAPRVGT250-80</i>	967.85	23.4
		<i>NAPRVGT250-85</i>	967.85	23.4

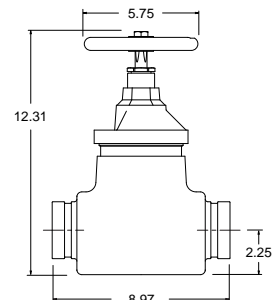
Dimensions



grooved x grooved angle valve



grooved x female angle valve



grooved x grooved globe valve

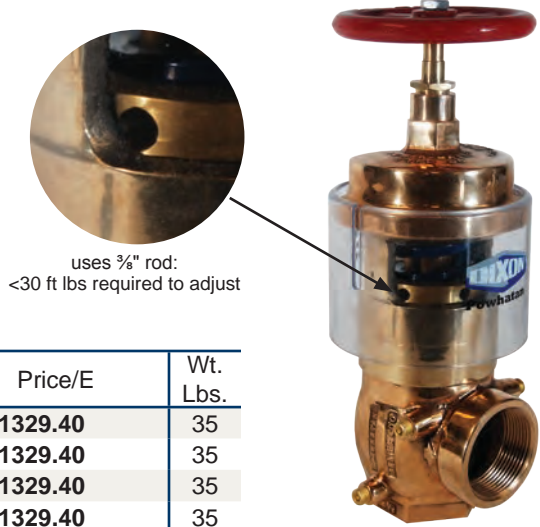
Field Adjustable Pressure Reducing Valves



2014
NEW

Features:

- U/L listed
- allows flexibility during installation with the ability to adjust settings once installed as hydraulic conditions change
- used in applications where the inlet pressure is greater than 175 PSI
- 1/4" NPT gauge ports - both sides, drilled and tapped standard
- 3/8" adjusting rod included
- available tamper switch (**42-019-01587**), consult Dixon



angle valves ¹

Inlet	Outlet	Cast Brass Part #	Price/E	Wt. Lbs.
2 1/2" FNPT	2 1/2" MNST	FAPRAV250F	\$1329.40	35
2 1/2" FNPT	2 1/2" FNPT	FAPRAVF250	1329.40	35
2 1/2" groove	2 1/2" MNST	FAPRAVG250F	1329.40	35
2 1/2" groove	2 1/2" groove	FAPRAVG250G	1329.40	35

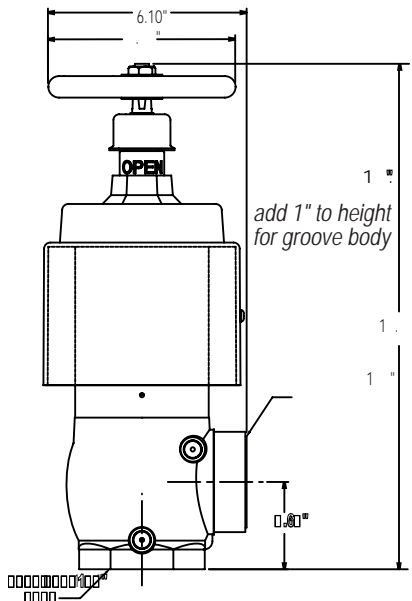
straight valves ²

Inlet	Outlet	Cast Brass Part #	Price/E	Wt. Lbs.
2 1/2" groove	2 1/2" groove	FAPRVG250	\$1329.40	35
2 1/2" FNPT	2 1/2" FNPT	FAPRVF250	1329.40	35

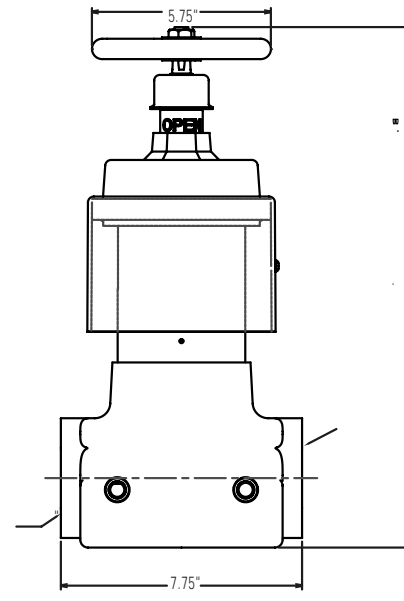
Setting Instructions:

1. Determine desired outlet pressure for known inlet pressure.
2. Remove the tamper-resistant screw and slide the plastic cover up to access the adjusting nut.
3. Use a 3/8" diameter rod in any one of the 6 holes in the adjusting nut and rotate counter clockwise to increase the pressure at the outlet.
4. Check valve under pressure under static and under the anticipated flowing conditions to ascertain that the setting produces the expected results.

Dimensions



angle valve ¹



straight valve ²



UL ULC Global Adjustable Pressure Restricting Angle Valves

Application:

- used when flowing water pressure needs to be controlled

Features:

- preset orifices restrict the volume of water thereby lowering the pressure of the flowing water; NFPA requires restricting valves where inlet pressure exceeds 100 PSI
- restricting valve has no effect on the static pressure of a system
- restricting device can be manually by passed if required by opening the valve fully: pull the pin allowing the yoke to fall back from the valve stem which allows valve to be fully opened, when valve needs to be restricted again, slide the yoke back into place to be NFPA compliant



Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	AVAPR150F-I	\$126.70	5
2½"	2½"	AVAPR250F-I	268.35	12

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	AVAPRF150-I	\$126.70	5
2½"	2½"	AVAPRF250-I	268.35	12

UL ULC Domestic Adjustable Pressure Restricting Angle Valves

18-153 / 18-154

Application:

- used when flowing water pressure needs to be controlled

Features:

- preset orifices restrict the volume of water thereby lowering the pressure of the flowing water; NFPA requires restricting valves where inlet pressure exceeds 100 PSI
- restricting valve has no effect on the static pressure of a system
- can be manually by-passed if required by opening the valve fully, this is accomplished by breaking the breakable link, which allows the valve stem to rise to the full open position
- breakable link also serves as an indication of valve condition and status; if valve is opened without breaking the link it will resume its previous position and no resetting is necessary
- restricts inlet pressure from 70 PSI up to a maximum of 175 PSI
- restricts down to outlet pressures of 65, 80 or 100 PSI, outlet pressures may be set below 65 PSI when authorized by the local authority having jurisdiction
- restricts only under flow conditions
- setting charts are packed with valve
- U/L listed
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- maximum operating pressure: up to **175 PSI**
- aluminum handwheel



Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	AVAPR150F	\$506.60	5
2½"	2½"	AVAPR250F	733.30	12
2½"	CT ¹	AVAPR250 ¹	POR	12

¹ Customer Thread (*must specify*) refer to legend on page 566



Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	AVAPRF150	\$506.60	5
2½"	2½"	AVAPRF250	733.30	12

P

Adjustable Pressure Restricting Device

Features:

- for installation on Class I or Class III standpipe system hose outlets
- device restricts pressure in the piping system to such a degree that hose lines can be handled by persons untrained in the handling of heavy fire streams
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- 2½" U/L listed
- working pressure: **175 PSI** at 70°F (21°C)



Female Thread	Male Thread	Cast Brass Part #	Price/E	Wt. Lbs.
1½" NST (NH)	1½" NST (NH)	APRD150F	\$350.00	3.0
2½" NST (NH)	2½" NST (NH)	APRD250F	397.00	4.3
2½" NYC	2½" NYC	APRD250NYC	397.00	4.4

¹ Customer Thread (*must specify*) refer to legend on page 566

Domestic Cast Angle Hose Valves

18-157 / 18-158



Features:

- U/L listed and FM approved
- aluminum hand wheel
- working pressure: **300 PSI** at 70°F (21°C)

Inlet Female NPT	Outlet Male Thread	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½" NST (NH)	AV150	\$305.70	4.4
	1½" NYFD	AV150NYFD²	330.00	4.4
	1½" NPSH	AV150S	305.70	4.4
	1½" NPT	AV150T	305.70	4.4
2½"	2½" NST (NH)	AV250	473.65	9.0
	2½" NYC	AV250NYC²	473.65	9.0
	2½" NYFD	AV250NYFD²	473.65	9.0
	2½" PITT	AV250PITT	POR	9.0
	2½" NPSH	AV250S	473.65	9.0
	2½" CT ¹	AV250 ¹	POR	9.0

¹ Customer Thread (*must specify*) refer to legend on page 566

² supplied with red hand wheel



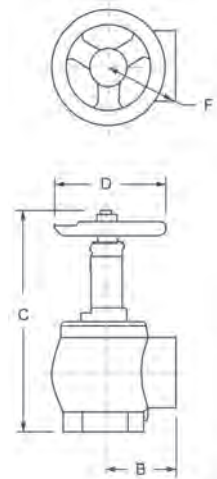
Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	AVF150	\$305.70	3.6
2½"	2½"	AVF250	473.65	9.5

Replacement Parts

Description	Part #	Price/E	Wt. Lbs.
aluminum handwheel for 1½" valve	AV150-W	\$17.45	.22
aluminum handwheel for 2½" valve	AV250-W	26.00	.32
handwheel nut for 1½" valve	AV150-N	1.50	.01
handwheel nut for 2½" valve	AV250-N	1.45	.01
valve seal rubber for 1½" valve	AV150-RBR	17.80	.03
valve seal rubber for 2½" valve	AV250-RBR	18.70	.10

Dimensions

Size	A	B	C closed	C open	D	F
1½"	2-11/64"	2-7/32"	6-5/8"	7-21/32"	3-3/4"	2-13/16"
2½"	3-3/16"	3-3/16"	9-1/4"	11"	5"	3-19/32"





Global Cast Angle Valves Female Inlet

Features:

- NPT inlet thread only
- aluminum handwheel
- working pressure: **300 PSI** at 70°F (21°C)
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- available finishes:
 cast (standard)
 polished: -P
 chrome: -C
 minimum quantity for special thread, consult Dixon



Inlet Female NPT	Outlet	Cast Yellow DZR Brass Part #	Price/E	Wt. Lbs.
1½"	1½" male NST (NH)	AV150-I	\$110.00	4.10
2½"	2½" male NST (NH)	AV250-I	222.00	9.00
2½"	2½" CSA	AV250C-I	222.00	9.00
2½"	2½" WCT	AV250W-I	222.00	9.00
2½"	2½" BAT	AV250B-I	222.00	9.00
2½"	2½" QST	AV250Q-I	222.00	9.00

Grooved Inlet



Inlet Grooved	Outlet Male NST (NH)	Cast Yellow DZR Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	AVG250F-I	\$225.00	9.5

Inlet Grooved	Outlet Female NPT	Cast Yellow DZR Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	AVGF250-I	\$225.00	9.5

Double Female

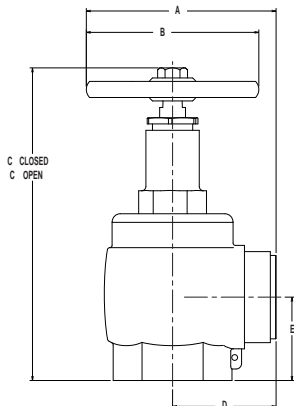
Features:

- NPT inlet and outlet only
- aluminum handwheel
- working pressure: **300 PSI** at 70°F (21°C)
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- available finish:
 cast (standard)
 polished = -P
 chrome = -C



Inlet Female NPT	Outlet Female NPT	Cast Yellow DZR Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	AVF150-I	\$110.00	3.66
2½"	2½"	AVF250-I	222.00	9.80

Dimensions



Size	A	B	C (closed)	C (open)	D	E	Wt. in Lbs.
1½"	4.13"	3.75"	6.80"	7.78"	2.25"	1.81"	4.4
2½"	5.69"	5.00"	9.00"	10.72"	3.19"	2.59"	9.5

P

Global Forged Angle Hose Valves



Features:

- to be used with a fire hose rack assembly, or as a fire department outlet connection
- U/L listed and FM approved
- red steel handwheel
- maximum operating pressure: **300 PSI** at 70°F (21°C)
- polished or chrome plated parts with other outlet threads are also available, consult Dixon for information

Female x Male

Inlet Female NPT	Outlet Male Thread	Forged Brass Part #	Price/E	Wt. Lbs.
1½"	1½" NST (NH)	AV151	\$163.30	4.0
	1½" NYFD	AV151NYFD	163.30	4.0
2½"	2½" NST (NH)	AV251	302.75	8.0
	2½" NYC	AV251NYC	275.35	8.0
	2½" NYFD	AV251NYFD	302.75	8.0



Female x Female

Inlet Female NPT	Outlet Female NPT	Forged Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	AVF151	\$163.30	4.0
2½"	2½"	AVF251	302.75	8.0



Replacement Parts

Description	Part #	Price/E	Wt. Lbs.
handwheel for 1½" valve	AV151-WR	\$32.90	.21
handwheel for 2½" valve	AV251-WR	36.35	1.0
handwheel nut for 1½" valve	AV151-N	1.40	.01
handwheel nut for 2½" valve	AV251-N	1.30	.01
valve seal rubber for 1½" valve	AV151-RBR	16.95	.03
valve seal rubber for 2½" valve	AV251-RBR	15.15	.10

500# Angle Hose Valves



18-157 / 18-158

Applications:

- Typical applications are in fire department, gravity and pressure tank connections, test connections, and public water supplies to sprinkler and standpipe systems; designed and approved to manage 500 PSI pressures in piping systems where it is necessary to access the system for a fire hose connection.

Features:

- red handwheel
- FM approved
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- maximum operating pressure: **500 PSI** at 70°F (21°C)

Inlet Female NPT	Outlet Male Thread	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	2½" NST (NH)	AV5-250F	\$711.25	12
2½"	2½" NYFD	AV5-250NYFD	711.25	12



Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	2½"	AVF5-250	\$711.25	12

Straight Ball Drip Valves

23-148

Application:

- designed to drain the low point of a system this valve should be placed between a fire department connection and a swing check valve



Features:

- will seal automatically under pressure
- install in the vertical position only
- working pressure: **175 PSI** at 70°F (21°C)

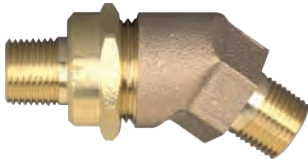
Male NPT	Male NPT	Brass Part #	Price/E	Wt. Lbs.
1/2"	1/2"	SBDV50	\$26.60	.41
3/4"	3/4"	SBDV75	33.20	.47

Angled Ball Drip Valves

23-181

Features:

- seals automatically under pressure
- installed horizontally, the ball seats at approximately 8-10 PSI
- working pressure: **175 PSI** at 70°F (21°C)



Male NPT	Male NPT	Brass Part #	Price/E	Wt. Lbs.
1/2"	1/2"	ASBDV50	\$161.00	1.0
3/4"	3/4"	ASBDV75	161.00	1.2

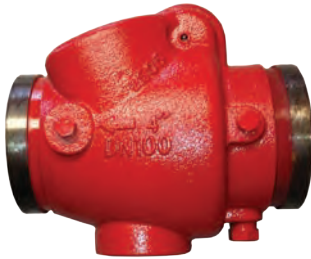


Groove x Groove Check Valves

18-460

Applications:

- Used in Fire Protection Systems to allow water flow in one direction only. Typical applications include: connections between public water supplies and private fire services systems; discharges from fire pumps; gravity tank connections; fire department pumper connections



Features:

- supplied with 1/4" and 1/2" tapped NPT ports below the clapper and a 1/4" tapped NPT port above the clapper
- supplied with a 1 1/2" NPT tapped boss below the clapper, boss above the clapper may be tapped for the addition of a 1/2" NPT drain
- for horizontal and vertical installation
- U/L listed
- maximum operating pressure: **250 PSI** working pressure at 70°F (21°C)

Description	Brass Part #	Price/E	Wt. Lbs.
4" groove x 4" groove	SCVV400	\$329.80	1.0

Chicago Pattern Valves

18-180

Features:

- aluminum handwheel
- maximum operating pressure: **175 PSI** at 70°F (21°C)



Inlet Male NPT	Outlet Male	Cast Brass Part #	Price/E	Wt. Lbs.
1 1/2"	1 1/2" NST (NH)	CPV150F	\$341.30	3.4
1 1/2"	1 1/2" NPSH	CPV150S	379.35	3.4

Straight Globe Valves

18-217

Features:

- ideal for wet and combination systems
- used with a fire hose rack assembly, or as a fire department outlet connection
- aluminum handwheel
- maximum operating pressure: **300 PSI** at 70°F (21°C)

Female x Male

Inlet Female	Outlet Male	Cast Brass Part #	Price/E	Wt. Lbs.
1½" NPT	1½" NST (NH)	SGV150F	\$374.05	6.0
1½" CT	1½" CT	SGV150__ ¹	POR	6.0
2½" NPT	2½" NST (NH)	SGV250F	547.60	9.6
2½" CT	2½" CT	SGV250__ ¹	POR	9.6

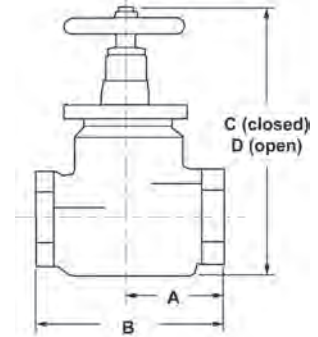
¹ Customer Thread (*must specify*) refer to legend on page 566

Female x Female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #	Price/E	Wt. Lbs.
1½"	1½"	SGVF150	\$374.05	6.0
2½"	2½"	SGVF250	547.60	8.0

Dimensions

Size	A	B	C (closed)	D (open)	Wt. Lbs.
1½"	2-3/8"	4-3/4"	7-1/4"	8"	5.0
2½"	3-9/32"	6-9/16"	7-3/8"	8-1/8"	9.3



Wharf Hydrants

18-251

Features:

- used to provide a fire department outlet connection
- pentagon nut at top of spindle discourages unauthorized use
- hydrostatically tested
- maximum operating pressure: **300 PSI** at 70°F (21°C)

Inlet Female NPT	Outlet Male NST (NH)	Height Open	Height Closed	Cast Brass Part #	Price/E	Wt. Lbs.
3"	2½"	16.38	14.25	WHYD3025F	\$932.15	31
4"	2½"	16.38	14.25	WHYD4025F	1053.70	23
4"	4½"	18.13	15.63	WHYD4045F	1310.00	41

Replacement Parts

Description	Part #	Price/E
hand wheel	46-030-00025	\$21.25
pentagon hex nut	44-251-00006	15.15



P




Non-rising Stem Wedge Disc Gate Valves

19-281



Features:

- red iron handwheel, with brass cap and chain
- cap not included on the NYFD threaded valve and special threaded valves
- solid wedge disc with tapered seats
- 2½" U/L listed and FM approved
- FM approved
- working pressure: **300 PSI** at 70°F (21°C)
- not recommended for wet standpipe systems, use AV250 (18-157) for this purpose, see  page 10

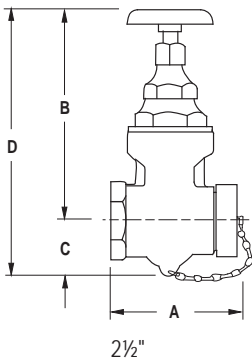


Inlet Female NPT	Outlet Male Thread	U/L	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½" NST (NH)	no	WDGV150F	\$418.00	19.0
1½"	1½" NPSH	no	WDGV150S ¹	418.00	19.0
2½"	2½" NST (NH)	yes	WDGV250F	888.00	20.3
2½"	2½" NYFD	yes	WDGV250NYFD	888.00	19.0
2½"	2½" CT	yes	WDGV250 ²	POR	20.0

¹ supplied as NST product with adapter

² Customer Thread (*must specify*) refer to legend on page 566

Dimensions



Size	A	B	C	D
1½"	3-49/64"	5-5/8"	1-1/8"	6-3/8"
2½"	6"	10-3/4"	2-1/2"	13-1/4"



Global Non-rising Stem Wedge Disc Gate Valves

P

2014
NEW



Features:

- working pressure: **300 PSI** (2069 kPa)
- custom male thread available
- non-rising stem
- cast brass with solid wedge disc and tapered seats
- red iron wheel handle with cap and chain (cap not supplied on non-standard threads)
- alloy = DZR brass
- furnished with 2½" NST brass cap and chain
- available finish:
 - cast (standard)
 - polished trim - P
 - cast chrome - RC
 - polished chrome trim - C

Inlet Female NPT	Outlet Male NST	U/L	Cast DZR Brass Part #	Price
2½"	2½"	no	GWDGV250F	\$280.40

Non-rising Stem Wedge Disc Gate Valves



Applications:

- for use on standpipes, fire pumps and hydrants

Features:

- satin finish
- red handwheel
- solid wedge disc with tapered seats
- straightway pattern
- U/L listed and FM approved
- working pressure: **300 PSI** at 70°F (21°C)



Inlet Female NPT	Outlet Male NST (NH)	Forged Brass Part #	Price	Wt. Lbs.
2½"	2½"	WDGV251F	\$505.40	8.8
3"	2½"	WDGV3025F	610.75	9.3

Wedge Disc Gate Valves - Rising Stem

19-280

Features:

- red iron handwheel, with brass cap and chain
- solid wedge disc with tapered seats
- not recommended for wet standpipe systems, use AV250 (18-157) for this purpose, see page 529 ⚠
- working pressure: see chart below



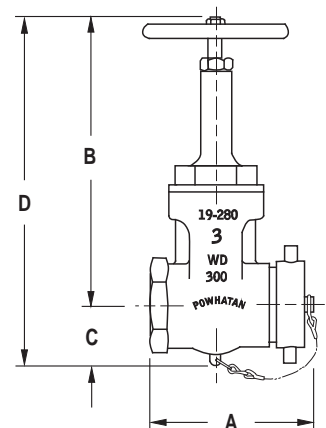
Inlet Female NPT	Outlet Male	WP PSI	Cast Brass Part #	Price	Wt. Lbs.
2½"	2½" NST (NH)	200	RWDGV250F	\$857.90	19.0
2½"	2½" CT		RWDGV250 ¹	POR	19.0
3"	2½" NST (NH)	300	RWDGV3025F ²	1000.00	20.3
3"	2½" CT		RWDGV3025 ¹	POR	20.0

¹ Customer Thread (*must specify*) refer to legend on page 566

² U/L listed

Dimensions

Size	A	B closed	C	D closed	D open
2½"	6-1/2"	11	2-1/2"	13-1/2"	16-1/4"
3" x 2½"	6-3/16"	11	2-1/2"	13-1/2"	16-1/4"



P

Plain Wye with Pin Lugs

04-106

Feature:

- divides one stream into two



Inlet Female	(2) Outlets Male	Cast Brass Part #	Price	Wt. Lbs.
1½" NST (NH)	1½" NST (NH)	PW15F15F	\$200.00	3.0
1½" NPSH	1½" NPSH	PW15S15S	200.00	3.0
1½" CT	1½" CT	PW15_15 ¹	POR	3.0
2½" NST (NH)	1½" NST (NH)	PW25F15F	225.00	5.5
2½" CT	1½" NPSH	PW25_15S ¹	POR	5.5
2½" CT	1½" NST (NH)	PW25_15F ¹	POR	5.5
2½"	2½"	PW25F25F	250.00	6.8
2½" CT	2½" CT	PW25_25 ¹	POR	6.8

¹ Customer Thread (*must specify*) refer to legend on page 566

Hydrant Diffusers

Features:

- powder coated red finish
- brass swivels with full 360° rotation
- flow can be directed to your desired position while flushing the hydrant
- specially designed outlet reduces high velocity discharge to a slower diffused pattern protecting landscape and traffic



Female NST (NH)	Carbon Steel Part #	Price	Wt. Lbs.
2½"	HD250F	\$1492.00	14
4"	HD400F	3906.00	26
4½"	HD450F	4000.00	26

Single Hydrant Gate Valves with Handwheel

Application:

- protects fire hydrants from damage that can occur if they are used for throttling

Features:

- pin lug swivel, non-rising stem, red handwheel
- metal to metal seal
- U/L listed
- for use on hydrants, standpipes, and fire pumps
- maximum operating pressure: **300 PSI** (water only) at 70°F (21°C)



Inlet Female	Outlet Male	Forged Brass Part #	Price	Wt. Lbs.
2½" NST (NH)	2½" NST (NH)	HGVW250F	\$643.65	8.7
2½" NYFD	2½" NYFD	HGVW250NYFD	680.00	8.7

Replacement Part

Description	Part #	Price	Wt. Lbs.
handwheel	HGVW250-W	\$43.00	.35

P

Single Hydrant Gate Valves with Hand Wheel

**Application:**

- used to throttle the flow from a fire hydrant preventing damage to the hydrant

Features:

- O-ring seal
- U/L listed
- for use on standpipes and fire pumps where U/L listing is required
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)

Inlet Female	Outlet Male	Cast Red Brass Part #	Price	Wt. Lbs.
2½" NST (NH)	2½" NST (NH)	UHGV250F	\$450.00	9.0
2½" NST (NH)	2½" NST (NH)	UHGV250F-D	521.00	9.0
2½" CT	2½" CT	UHGV250 ¹	POR	9.0

¹ Customer Thread (*must specify*) refer to legend on page 566

**Replacement Part**

Description	Part #	Price	Wt. Lbs.
handwheel	UHGV250-W	\$23.00	.25

Single Hydrant Gate Valves with Speed Handle

05-116

Application:

- used to throttle the flow from a fire hydrant preventing damage to the hydrant

Features:

- pin lug swivel, non-rising stem, aluminum speed handle
- rubber seal
- for use on hydrants, standpipes, and fire pumps
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)

Inlet Female	Outlet Male	Cast Brass Part #	Price	Wt. Lbs.
2½" NST (NH)	2½" NST (NH)	HGV250F	\$409.10	8.8
2½" NST (NH)	2½" NST (NH)	HGV250F-D	POR	8.8
2½" NST (NH)	2½" NPSH	HGV250	419.35	8.6
2½" CT	2½" CT	HGV250 ¹	POR	8.6

¹ Customer Thread (*must specify*) refer to legend on page 566



P

Replacement Part

Description	Aluminum Part #	Price	Wt. Lbs.
speed handle	HGV250-H	\$18.00	.20



Sprinkler Hose Valve

18-252



Features:

- aluminum wheel
- U/L listed and FM approved for automatic sprinkler and standpipe systems
- working pressure: **175 PSI** (water only) at 70°F (21°C)

Inlet Male NPT	Outlet Male NST (NH)	Cast Brass Part #	Price/E	Wt. Lbs.
1"	1½"	ASHV1015F	\$373.25	4.0

NEW 2014

Push Pull Drain Valves



Features:


- direct mount
- 2½" handle length

Inlet	Outlet	Brass Part #	Price	Wt. Lbs.
¾" FNPT	¾" FNPT	PPDV75	\$58.05	1.10

¼ Turn Plug Type Wye Valves

06-175

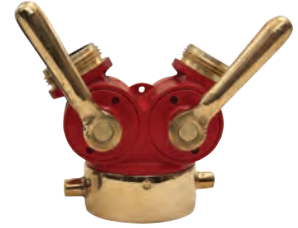
Features:

- pin lug swivel
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- not recommended for charged pre-connected hose 

Inlet Female NST (NH)	(2) Outlets Male	Cast Brass Part #	Price/E	Wt. Lbs.
2½"	1½" NST (NH)	S6175	\$748.75	9.0
2½"	1½" NPSH	S6175S	813.00	9.0

Replacement Part

Description	Part #	Price	Wt. Lbs.
handle	S6175-H	\$62.70	.35



¼ Turn Ball Type Wye Valves

07-337

Features:

- rocker lug swivel
- operates easily under high pressure
- handles are not field replaceable
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)

Specification:

- meets NSN specifications # 4210-00-255-0234

Inlet Female	(2) Outlets Male	Cast Brass Part #	Price/E	Wt. Lbs.
2½" NST (NH)	1½" NPSH	S7337S	\$1084.00	12
2½" CT	1½" NPSH	S7337__S¹	POR	12

¹ Customer Thread (*must specify*) refer to legend on page 566



Full Flow ¼ Turn Ball Type Wye Valves

07-100

Features:

- recommended for charged pre-connected hose lines
- pin lug swivel
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)

Inlet Female Swivel	(2) Outlets Male	Cast Brass Part #	Price	Wt. Lbs.
1½" NPSH	1½" NPSH	S7100-15S	POR	10
1½" NST (NH)	1½" NST (NH)	S7100-15	\$298.00	10
2½" NST (NH)	1½" NST (NH)	S7100	298.00	11
2½" CT	1½" NPSH	S7100__S¹	POR	11

¹ Customer Thread (*must specify*) refer to legend on page 566



P

Leader Line ¼ Turn Ball Type Wye Valve

Features:

- body painted red with chrome trim
- maximum operating pressure: **400 PSI** (water only) at 70°F (21°C)

Inlet Female NST (NH)	(2) Outlets Male NST (NH)	Brass Part #	Price	Wt. Lbs.
2½"	1½"	LLBV2515F	\$765.00	6.0



Dixon Northline Hydrant Gate Valves with Speed Handle

Application:

- protects fire hydrants from damage that can occur if they are used for throttling

Features:

- full 2½" waterway
- anodized throughout - minimum thickness 0.001"
- test pressure: **250 PSI**, working pressure: **100 PSI** at 70°F (21°C)



Inlet Female Swivel	Outlet Male	Alum. Alloy, 356-T6 Part #	Price	Wt. Lbs.
2½" NPSH	2½" NPSH	AHGV250S	\$656.25	5.0
2½" NST (NH)	2½" NST (NH)	AHGV250F	656.25	5.0
2½" CSA	2½" CSA	AHGV250C	656.25	5.0
2½" BAT	2½" BAT	AHGV250B	656.25	5.0
2½" WCT	2½" WCT	AHGV250W	656.25	5.0
2½" QST	2½" QST	AHGV250Q	656.25	5.0
2½" NS1	2½" NS1	AHGV250NS	656.25	5.0

Replacement Parts

Description	Part #	Price	Wt. Lbs.
handwheel and knob	HGV-HDWHL	\$154.55	1.0
knob only	HGV-KNOB	76.40	.25

Global Hydrant Gate Valves with Speed Handle

Application:

- protects fire hydrants from damage that can occur if they are used for throttling

Features:

- pin lug swivel, non-rising stem, aluminum speed handle
- non-metallic seal
- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)



Inlet Female NST (NH)	Outlet Male NST (NH)	Aluminum Part #	Price	Wt. Lbs.
2½"	2½"	AHGV250F-I	\$394.30	3.75

Replacement Part

Description	Aluminum Part #	Price	Wt. Lbs.
speed handle	AHGV250F-H	\$65.00	1.0

Dixon Northline LDH Gate Valves Large Diameter (LDH)

Application:

- used on the suction intake and discharge sides of a pumper or on a hydrant

Features:

- 30° elbow needs only 8 easy turns to open and close
- non-rising stem, with an air bleed off
- finish anodized throughout - minimum thickness 0.001"
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- 4½" minimum waterway

Storz x Storz

Inlet Storz	Outlet Storz	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	SGV440	\$1672.65	9"	6¼"	19½"	16.5
4"	5"	SGV450	1672.65	9"	7¾"	19½"	16.5
5"	4"	SGV540	2024.40	9"	7¾"	19½"	20.0
5"	5"	SGV550	2024.40	9"	7¾"	19½"	20.0

- all measurements include handles



Storz x Storz 30° with PRV

Inlet Storz	Outlet Storz	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	SGV30-440	\$1918.35	9"	6¼"	20.0"	16.5
4"	5"	SGV30-450	1918.35	9"	7¾"	20.0"	16.5
5"	4"	SGV30-540	2112.60	9"	7¾"	20.0"	20.0
5"	5"	SGV30-550	2112.60	9"	7¾"	20.0"	20.0

- all measurements include handles



Storz x Female Swivel

Inlet Storz	Outlet Female NST Swivel	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	FSGV440F	\$1656.90	9"	6"	19½"	18.5
4"	4½"	FSGV445F	1656.90	9"	6½"	19½"	18.5
4"	5"	FSGV450F	1698.90	9"	7"	19½"	18.5
4"	6"	FSGV460F	1698.90	9"	8"	19½"	19.0
5"	4"	FSGV540F	1764.00	9"	6"	19½"	20.0
5"	4½"	FSGV545F	1764.00	9"	6½"	19½"	20.0
5"	5"	FSGV550F	1764.00	9"	7"	19½"	20.0
5"	6"	FSGV560F	1764.00	9"	8"	19½"	21.0

- all measurements include handles



P

Dixon Northline LDH Gate Valves Large Diameter (LDH) Female x Male



Inlet Male	Outlet Female NST Swivel	Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	FMGV40F40F	\$1745.10	9"	6¼"	19½"	16.5
4"	4½"	FMGV40F45F	1745.10	9"	6½"	19½"	16.5
4"	5"	FMGV40F50F	1745.10	9"	7¾"	19½"	16.5
4"	6"	FMGV40F60F	1745.10	9"	7¾"	19½"	19.0
4½"	4"	FMGV45F40F	1760.85	9"	7¾"	19½"	18.5
4½"	4½"	FMGV45F45F	1760.85	9"	7¾"	19½"	18.5
4½"	5"	FMGV45F50F	1760.85	9"	7¾"	19½"	18.5
4½"	6"	FMGV45F60F	1760.85	9"	7¾"	19½"	19.0
5"	4"	FMGV50F40F	1904.70	9"	7¾"	19½"	20.0
5"	4½"	FMGV50F45F	1904.70	9"	7¾"	19½"	20.0
5"	5"	FMGV50F50F	1904.70	9"	7¾"	19½"	20.0
5"	6"	FMGV50F60F	1904.70	9"	7¾"	19½"	21.0
6"	6"	FMGV60F60F	1904.70	9"	7¾"	19½"	22.0

- all measurements include handles

Storz x 30° Female Swivel



Inlet Storz	Outlet Female NST Swivel	Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	FSGVR30-440F	\$2002.80	9"	6"	19½"	21.0
4"	4½"	FSGVR30-445F	2002.80	9"	6½"	19½"	21.0
4"	5"	FSGVR30-450F	2002.80	9"	7"	19½"	21.5
4"	6"	FSGVR30-460F	2002.80	9"	8"	19½"	21.5
5"	4"	FSGVR30-540F	2070.60	9"	6"	19½"	22.0
5"	4½"	FSGVR30-545F	2070.60	9"	6½"	19½"	22.0
5"	5"	FSGVR30-550F	2070.60	9"	7"	19½"	22.5
5"	6"	FSGVR30-560F	2070.60	9"	8"	19½"	22.5

- all measurements include handles
- order without "R" to purchase without a relief valve, consult Dixon for pricing



with pressure relief valve

Replacement Parts

Description	Part #	Price	Wt. Lbs.
handwheel and knob	GV-HDWHL	\$154.55	1.0
knob only	GV-KNOB	61.85	.25

Dixon Northline LDH Gate Valves Large Diameter (LDH)

Female x Male 30° Swivel

Female	Male	Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	FMGV30-40F40F	\$1823.85	10"	6"	19½"	21.0
4"	4½"	FMGV30-40F45F	1823.85	10"	6½"	19½"	21.0
4"	5"	FMGV30-40F50F	1823.85	10"	7"	19½"	21.5
4"	6"	FMGV30-40F60F	1823.85	10"	8"	19½"	21.5
4½"	4"	FMGV30-45F40F	1856.40	10"	6"	19½"	22.0
4½"	4½"	FMGV30-45F45F	1856.40	10"	6½"	19½"	22.0
4½"	5"	FMGV30-45F50F	1856.40	10"	7"	19½"	22.5
4½"	6"	FMGV30-45F60F	1856.40	10"	8"	19½"	22.5
5"	4"	FMGV30-50F40F	1996.05	10"	6"	19½"	23.0
5"	4½"	FMGV30-50F45F	1996.05	10"	6½"	19½"	23.0
5"	5"	FMGV30-50F50F	1996.05	10"	7"	19½"	23.0
5"	6"	FMGV30-50F60F	1996.05	10"	7½"	19½"	23.0
6"	6"	FMGV30-60F60F	2208.15	10"	8"	19½"	23.0



- Note: all measurements include handles
- add "R" to above part number if pressure relief valve required - e.g. FMGVR30

Dixon Northline Direct Mount Relief Valves

Feature:

- **0-200 PSI** pressure relief valve

Description	Part #	Price
pressure relief valve only	RV250	\$508.20
pressure relief valve with 2½" male thread	MRV250	687.75
pressure relief valve with 2½" female swivel thread	FRV250	761.25



Dixon Northline Hydrant Boosters

Application:

- can be used as a hydrant booster or for inline pumping

Features:

- maximum operating pressure: **280 PSI** at 70°F (21°C) without relief valve
- 4½" minimum waterway
- finish anodized throughout - minimum thickness 0.001"
- Initially the valve is connected to the hydrant and water can be pumped directly from the hydrant to the fire. If pressure is low, the valve can have a second pumper connected to it without interrupting flow, a third position allows emergency shut-down.

Storz	Female NST Swivel	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
(3) 4" Storz	4½"	FSHV445F NEW	\$3817.80	13½"	19½"	12¾"	34
(3) 4" Storz	5"	FSHV450F	3817.80	13½"	19½"	12¾"	34
(3) 5" Storz	4½"	FSHV545F	3817.80	13½"	19½"	12¾"	36
(3) 5" Storz	5"	FSHV550F	3817.80	13½"	19½"	12¾"	36



- all measurements include handles

P

Dixon Northline Piston Intake Relief Valves

Features:

- standard with a 30° elbow (permitting smoother water flow), adjustable relief valve, retractable knob on hand wheel and air bleed off
- permits safe controlled flow to the intake pump and can also be used to draft
- available with Storz or threaded combination
- 9 easy turns open and close the valve
- without relief valve **280 PSI** at 70°F (21°C), without relief valve
- 4½" minimum waterway
- finish anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from **50 to 200 PSI**



Storz	Female Swivel NST (NH)	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	FSGR440F	\$2464.35	12"	8"	17"	25.0
4"	4½"	FSGR445F	2380.35	12"	8"	17"	25.0
4"	5"	FSGR450F	2380.35	12"	8"	17"	24.0
4"	6"	FSGR460F	2380.35	12"	8"	17"	24.0
5"	4"	FSGR540F	2541.00	12"	8"	17"	25.5
5"	4½"	FSGR545F	2464.35	12"	8"	17"	25.5
5"	5"	FSGR550F	2464.35	12"	8"	17"	24.5
5"	6"	FSGR560F	2464.70	12"	8"	17"	24.5



Male NST (NH)	(2) Female NST (NH) Swivel	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	FMGR40F40F	\$2153.90	12"	8"	17"	25.0
4"	4½"	FMGR40F45F	2080.80	12"	8"	17"	25.0
4"	5"	FMGR40F50F	2080.80	12"	8"	17"	24.0
4"	6"	FMGR40F60F	2080.80	12"	8"	17"	24.0
4½"	4"	FMGR45F40F	2176.00	12"	8"	17"	25.5
4½"	4½"	FMGR45F45F	2125.00	12"	8"	17"	25.5
4½"	5"	FMGR45F50F	2125.00	12"	8"	17"	24.5
4½"	6"	FMGR45F60F	2125.00	12"	8"	17"	24.5
5"	4"	FMGR50F40F	2220.20	12"	8"	17"	25.5
5"	4½"	FMGR50F45F	2153.90	12"	8"	17"	25.5
5"	5"	FMGR50F50F	2153.90	12"	8"	17"	25.5
5"	6"	FMGR50F60F	2153.90	12"	8"	17"	26.0
6"	6"	FMGR60F60F	2153.90	12"	8"	17"	26.0

Replacement Parts

Description	Part #	Price	Wt. Lbs.
handwheel and knob	PV-HDWHL	\$255.00	1.0
knob only	PV-KNOB	177.75	.25

Dixon Northline 2-Way Ball Valves

Features:

- valve feeds two smaller attack lines from one large diameter supply line, 2½" outlet is a gated ball valve providing a safe controlled flow of water
- compact valve comes standard with a carrying handle
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: inlet side - 4½" maximum, 2 outlets - 2½" maximum
- finish anodized throughout - minimum thickness 0.001"
- available with Storz or threaded combinations
- can be used to distribute water in the opposite direction

Inlet Storz	Outlet Male	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
2½"	2½"	MSBV2525F	\$781.20	9"	8"	7"	6.5
3"	2½"	MSBV325F	1105.00	9"	8½"	7"	6.5
4"	2½"	MSBV425F	1139.00	12"	9¾"	9"	13.0
5"	2½"	MSBV525F	1173.00	12½"	9¾"	9"	15.0
6"	2½"	MSBV625F	1377.00	12½"	10¼"	9"	15.0



Storz Inlet with (2) Outlets

Inlet Storz	(2) Outlet Storz	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
2½"	2½"	SBV2525	\$1197.00	9"	8"	7"	5.5
3"	2½"	SBV325	1197.00	9"	8½"	7"	6.5
4"	2½"	SBV425	1269.45	12"	9¾"	9"	14.5
5"	2½"	SBV525	1414.35	12½"	12"	9"	17.0
6"	2½"	SBV625	1531.95	12½"	12"	9"	19.0



Inlet Storz	(2) Outlet Female	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
2½"	2½"	FSBV2525F	\$1525.65	9"	8"	7"	6.5
3"	2½"	FSBV325F	1565.55	9"	8½"	7"	6.0
4"	2½"	FSBV425F	1565.55	12"	11½"	9"	15.0
5"	2½"	FSBV525F	1603.35	12½"	11½"	9"	17.0
6"	2½"	FSBV625F	1756.65	12½"	12"	9"	19.0

- all measurements include handles

Dixon Northline 2-Way Ball Valves

Female Swivel Inlet with (2) Male Outlets



1 1/2"



2"



3" - 6"

Inlet Female Swivel	(2) Outlet Male	Part #	Price
1 1/2"	1 1/2"	FMBV15F15F NEW	\$401.20
1 1/2"	1 1/2"	FMBV15S15S NEW	401.20
2 1/2"	1 1/2"	FMBV25F15F	628.15
2 1/2"	2 1/2"	FMBV25F25F	1224.00
3"	2 1/2"	FMBV30F25F	1334.55
4"	2 1/2"	FMBV40F25F	1777.65
4 1/2"	2 1/2"	FMBV45F25F	1451.10
5"	2 1/2"	FMBV50F25F	1541.40
6"	2 1/2"	FMBV60F25F	1586.55

- all measurements include handles

Forestry Grade Aluminum 1/4 Turn Ball Type Wye Valves

Features:

- materials: swivel inlet and anodized body, hard-coated threads
- built to United States Forest Service specifications
- 1 1/2" maximum operating pressure: **600 PSI** (water/AFFF only) at 70°F (21°C)
- 2 1/2" maximum operating pressure: **400 PSI** (water/AFFF only) at 70°F (21°C)



Inlet Female Thread	(2) Outlets Male Thread	Cast Aluminum Part #	Price	Wt. Lbs.
1 1/2" NST (NH)	1 1/2" NST (NH)	FWV15F15F	\$663.00	3.66
1 1/2" NPSH	1 1/2" NPSH	FWV15S15S	663.00	---
2 1/2" NST (NH)	1 1/2" NST (NH)	FWV25F15F	750.00	4.0
2 1/2" NST (NH)	2 1/2" NST (NH)	FWV25F25F	1620.00	11.3

P

Plain Wye with Rocker Lugs

Features:

- divides one stream into two
- female swivel, two male outlets



Inlet Female Swivel	(2) Outlets Male Thread	Aluminum Part #	Price	Wt. Lbs.
1" NPSH	1" NPSH	ARPW10S10S	\$290.35	1.1
1 1/2" NST (NH)	1" NPSH	ARPW15F10S	440.00	1.07
1 1/2" NPSH	1" NPSH	ARPW15S10S	440.00	---
2 1/2" NST (NH)	1 1/2" NST (NH)	ARPW25F15F	455.95	---
2 1/2" NST (NH)	2 1/2" NST (NH)	ARPW25F25F	522.10	---

Dixon Northline 3-Way Ball Valves

Features:

- Valve will feed three smaller attack lines from one large diameter supply line. The three 2½" outlets are gated ball valves resulting in a safe controlled flow of water.
- equipped with an adjustable relief valve or can be capped off if a relief is not needed
- comes standard with a carrying handle
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: inlet side - 4½" maximum, 3 outlets - 2½" maximum
- material: *high strength aluminum alloy, 356-T6*
- finish anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from 50 to 200 PSI
- available with Storz fittings, male or female threads

Inlet Storz	(3) Outlets	Part #	Price	Length	Width	Height	Wt. Lbs.
4"	2½" Male	MSBVR3-425F	\$2482.20	16¼"	17"	11"	28.0
5"	2½" Male	MSBVR3-525F	2577.75	16¼"	17"	11"	29.0
6"	2½" Male	MSBVR3-625F	2958.90	16¼"	17"	11"	30.0
4"	2½" Female	FSBVR3-425F	3150.00	16¼"	17"	11"	31.0
5"	2½" Female	FSBVR3-525F	3150.00	16¼"	17"	11"	31.5
6"	2½" Female	FSBVR3-625F	3150.00	16¼"	17"	11"	32.0

- all measurements include handles



Dixon Northline Jumbo Ball Valves

Features:

- Valve feeds multiple large diameter lines with one large diameter line. Two large gated outlets help control the flow of water and provide easy shutdown.
- equipped with a relief valve
- available with Storz fittings or threaded combinations
- up to **280 PSI** working pressure without relief valve at 70°F (21°C)
- water way: inlet side - 4½" maximum, 2 outlets - 2½" maximum
- material: *high strength aluminum alloy, 356-T6*
- finish anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from 50 to 200 PSI

Inlet Storz	(2) Outlets Storz	Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	SJBV440	\$5441.10	19½"	18"	11"	52.0
5"	4"	SJBV540	5441.10	19½"	18"	11"	52.5
5"	5"	SJBV550	5441.10	19½"	18"	11"	56.5



Dixon Northline 5-Way Manifolds

Features:

- can be used to supply multiple attack lines with one large diameter line
- compact unit contains one large gated outlet, four 2½" gated outlets, pressure gauge, adjustable relief valve, and carrying handle built into the body
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: inlet side - 4½" maximum, 1 outlet - 4½" maximum, 4 outlets - 2½" maximum
- finish anodized throughout: minimum thickness 0.001"
- pressure gauge: glycerine filled, PSI/KPA readings
- relief valve: double spring, cartridge type, adjustable from 50 to 200 PSI
- available with Storz fittings, male or female threads

Inlet Storz	(1) Outlet Storz	(4) Outlets Gated	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	2½"	MSMG425F	\$5345.55	21"	25"	12½"	46.5
5"	5"	2½"	MSMG525F	5775.00	21"	25"	12½"	50.0
6"	6"	2½"	MSMG625F	6491.10	21"	25"	12½"	54.0



¹ Customer Thread (*must specify*) refer to legend on page 566

- all measurements include handles

Dixon Northline **Butterfly** Valves

Butterfly Valves - Storz x Female Swivel

Features:

- permits safe controlled flow to the intake pump, can be used for draft situations
- pressure range: **150-300 PSI** working pressure at 70°F (21°C)
- water way: 4½", 5", and 6" maximum
- materials: body-ASTN A-126 cast iron, wafer-lightweight aluminum cast 356-T6, , seat - *Buna*
- ¾" push-pull drain valve
- standard 10-position locking style lever
- finish anodized cast aluminum bolt flanges - minimum thickness 0.001"
- lever handle to center valve is 10¼"
- can be used in either direction e.g. inlet/outlet



Storz	Female NST (NH) Swivel	Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	SFBTFLY4040F	\$2320.50	9½"	11"	18"	40.0
4"	4½"	SFBTFLY4045F	2320.50	9½"	11"	18"	40.0
4"	5"	SFBTFLY4050F	2320.50	9½"	11"	18"	40.0
4"	6"	SFBTFLY4060F	2320.50	9½"	11"	18"	40.0
5"	4"	SFBTFLY5040F	2320.50	9½"	11"	18"	45.0
5"	4½"	SFBTFLY5045F	2320.50	9½"	11"	18"	45.0
5"	5"	SFBTFLY5050F	2320.50	9½"	11"	18"	45.0
5"	6"	SFBTFLY5060F	2320.50	9½"	11"	18"	45.0
6"	4"	SFBTFLY6040F	2720.55	9½"	13"	18"	45.0
6"	4½"	SFBTFLY6045F	2720.55	9½"	13"	18"	45.0
6"	5"	SFBTFLY6050F	2720.55	9½"	13"	18"	45.0
6"	6"	SFBTFLY6060F	2720.55	9½"	13"	18"	45.0

L/H Butterfly Valves - Male x Female Swivel

Features:

- permits safe controlled flow to the intake pump, can be used for draft situations
- standard 10 position lever handle
- ¾" push-pull drain valve standard
- pressure range: **150-300 PSI** at 70°F (21°C)
- water way: 4½", 5", and 6" maximum
- seat: *Buna*
- finish: anodized cast aluminum bolt flanges (minimum thickness 0.001")
- lever handle to center valve is 10¼", unit can be used in either direction e.g. inlet/outlet



Male NST (NH)	Female NST (NH) Swivel	ASTN A-126 Cast Iron Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	FMBTFLY40F40F	\$1920.45	9½"	11"	18"	35.0
4"	4½"	FMBTFLY40F45F	1920.45	9½"	11"	18"	35.0
4"	5"	FMBTFLY40F50F	1920.45	9½"	11"	18"	35.0
4"	6"	FMBTFLY40F60F	1920.45	9½"	11"	18"	35.0
4½"	4"	FMBTFLY45F40F	2261.70	9½"	11"	18"	40.0
4½"	4½"	FMBTFLY45F45F	2261.70	9½"	11"	18"	40.0
4½"	5"	FMBTFLY45F50F	1920.45	9½"	11"	18"	40.0
4½"	6"	FMBTFLY45F60F	1920.45	9½"	11"	18"	40.0
5"	4"	FMBTFLY50F40F	2261.70	9½"	11"	18"	45.0
5"	4½"	FMBTFLY50F45F	2261.70	9½"	11"	18"	45.0
5"	5"	FMBTFLY50F50F	2261.70	9½"	11"	18"	45.0
5"	6"	FMBTFLY50F60F	2261.70	9½"	11"	18"	45.0
6"	6"	FMBTFLY60F60F	2261.70	9½"	13"	18"	45.0

P

Dixon Northline 2-Way Siamese

Features:

- used to supply large diameter hose from two smaller lines, can also be used to distribute water in the opposite direction
- standard with clapper (removable), swivel Storz connection and (2) 2½" female swivels
- hard coat anodized
- maximum operating pressure: **280 PSI** working pressure at 70°F (21°C), without relief valve
- water way: 2 inlet side - 2½" maximum, 1 outlet - 4½" maximum
- finish anodized throughout - minimum thickness 0.001"
- FSSV - siamese with clappers
MSSV - wyes without clappers
SSV - customer to specify if clappered or not

Outlet Storz	(2) Inlet	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	2½" female swivel	FSSV425F	\$945.00	9½"	9¼"	6"	8.0
5"	2½" female swivel	FSSV525F	1068.90	10"	9"	7½"	9.5
6"	2½" female swivel	FSSV625F	1097.25	10"	9"	8"	9.5
4"	2½" male	MSSV425F	696.85	9¼"	8"	6"	7.0
5"	2½" male	MSSV525F	840.00	9½"	8"	7½"	8.5
6"	2½" male	MSSV625F	916.40	9½"	8"	8"	8.5
4"	2½" Storz	SSV425	722.50	8¾"	9½"	6"	8.0
5"	2½" Storz	SSV525	748.00	9½"	9½"	7½"	9.0
6"	2½" Storz	SSV625	782.00	10¼"	9½"	9"	10.0



Dixon Northline 3-Way Siamese

Features:

- used to supply large diameter hose from multiple smaller lines, can be used to distribute water in the opposite direction
- lightweight, compact
- convenient carrying handle built on the body
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: 3 inlet side - 2½" maximum, 1 outlet 4½" maximum
- finish anodized throughout (minimum thickness 0.001")
- available with Storz connections or threaded combinations
- FSSV - siamese with clappers
MSSV - wyes without clappers
SSV - customer to specify if clappered or not

Outlet Storz	(3) Inlets	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	2½" Female Swivel	FSSV3-425F	\$1488.90	12½"	13¾"	7½"	15.0
5"	2½" Female Swivel	FSSV3-525F	1488.90	12½"	13¾"	8"	16.5
6"	2½" Female Swivel	FSSV3-625F	1603.35	12½"	13¾"	8"	17.0
4"	2½" Male	MSSV3-425F	1295.20	11¾"	13¼"	7½"	13.5
5"	2½" Male	MSSV3-525F	1295.20	11¾"	13¼"	8"	14.5
6"	2½" Male	MSSV3-625F	1564.75	11¾"	13¼"	8"	15.0
4"	2½" Storz	SSV3-425	1452.30	11½"	13¾"	7½"	14.5
5"	2½" Storz	SSV3-525	1452.30	11½"	13¾"	8"	15.5
6"	2½" Storz	SSV3-625	1730.40	11½"	13¾"	8½"	16.5



P

Dixon Northline 4-Way Siamese

Features:

- used to supply large diameter hose from multiple smaller lines, can be used to distribute water in the opposite direction
- lightweight and compact
- convenient carrying handle built on the body
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: 4 inlet side - 2½" maximum, 1 outlet - 4½" maximum
- finish anodized throughout (minimum thickness 0.001")
- FSSV - siamese with clappers
MSSV - wyes without clappers
SSV - customer to specify if clappered or not



Outlet Storz	(4) Inlets	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	2½" female swivel	FSSV4-425F	\$1969.80	13½"	18"	7½"	19.0
5"	2½" female swivel	FSSV4-525F	1969.80	13½"	18"	8"	19.5
6"	2½" female swivel	FSSV4-625F	2250.15	13½"	18"	8"	19.5
4"	2½" male	MSSV4-425F	1864.20	12¾"	16¾"	7½"	17.0
5"	2½" male	MSSV4-525F	1864.20	12¾"	16¾"	8"	17.5
6"	2½" male	MSSV4-625F	2163.65	12¾"	16¾"	8"	17.5
4"	2½" Storz	SSV4-425	2000.80	12½"	17¼"	7½"	18.0
5"	2½" Storz	SSV4-525	2000.80	12½"	17¼"	8"	18.5
6"	2½" Storz	SSV4-625	2278.90	12½"	17¼"	8½"	19.0

Dixon Northline Jumbo Siamese

Features:

- used to supply one large diameter hose from two large diameter hose lines, can be used to distribute water in the opposite direction
- hard coat anodized throughout
- maximum operating pressure: **280 PSI** at 70°F (21°C), without relief valve
- water way: 2 inlet side - 4" maximum, 1 outlet - 4½" maximum
- finish anodized throughout (minimum thickness 0.001")



Outlet Storz	(2) Inlets Storz	Alum. Alloy, 356-T6 Part #	Price	Length	Width	Height	Wt. Lbs.
4"	4"	SSVJ440	\$2400.30	12½"	13¼"	6½"	15.0
5"	4"	SSVJ540	2400.30	12¾"	13¼"	8"	16.0
5"	5"	SSVJ550	2400.30	13¾"	13¼"	8"	19.0

P

Single Inlet Residential Sprinkler Connections

23-197

Application:

- complete single inlet connection (exposed type) used on residential automatic sprinkler systems

Features:

- complete unit consists of: (1) 17-127 1½" pin lug plug with chain and (1) 24-209 4-7/16" OD round escutcheon plate with swivel

Inlet Female NST (NH)	Outlet Female NPT	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	RIC150F	\$77.70	1.75



Single Inlet Connections

23-196

Features:

- provides a complete exposed single inlet connection
- finish: -P polished or -C polished chrome plated
- complete unit consists of: (1) 24-209 round plate branded 'Standpipe' or 'Auto-Sprk', (1) 23-270 double female or 09-215 male and female connection, (1) 17-127 pin lug plug with chain
- rigid hexagon end of either connection is 2½" NPT
- swivel end

Inlet Female NST (NH)	Outlet Female NPT	Cast Brass Part #	Price	Wt. Lbs.
2½"	2½"	SIC250F	\$256.00	7.6
2½"	2½"	SIC250F-P	POR	7.6
2½"	2½"	SIC250F-C	POR	7.6



Single Hydrant Connections

23-283

Features:

- finish: -P polished or -C polished chrome plated
- complete unit consists of: (1) 24-209 round plate branded 'Wall Hydrant', (1) 23-272: 2½" female and male connection, (1) 17-126 cap with chain

Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
2½"	2½"	MOCA250F	\$272.00	5.66
2½"	2½"	MOCA250F-P	350.00	5.66
2½"	2½"	MOCA250F-C	393.95	5.66



P

Exposed Two Way Wall Hydrant

21-195

Features:

- DMOCA40225F consists of: (1) REP400HY round plate branded 'Wall Hydrant', (1) RC4025F: 2½" female and male connection, (2) FC250F cap with chain
- DMOCA60225F consists of: (1) REP600HY round plate branded 'Wall Hydrant', (1) FRC6025F: 2½" female and male connection, (2) FC250F cap with chain

Inlet Female NPT	(2) Outlets Male NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
4"	2½"	DMOCA40225F	\$461.85	11.00
6"	2½"	DMOCA60225F	818.20	20.65



Single Clapper Siamese Connections

Features:

- single swing clapper with (2) pin lug swivel inlets
- provides 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply (250 GPM minimum per inlet)
- design provides unobstructed waterway
- exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes
- branding: Auto-Spkr
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: **250 PSI** at 70°F (21°C)



back outlet
21-201

Feature:

- U/L listed and FM approved

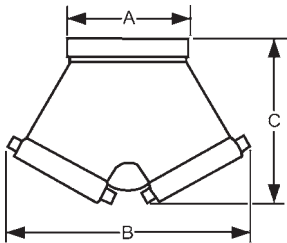


(2) Inlets Female	Outlet Female NPT	Cast Brass Part #	Price	Wt. Lbs.
2½" NST (NH)	4"	SCS4025F ³	\$539.25	11.6
2½" NYFD	4"	SCS4025NYFD	539.25	19.0
2½" CT	4"	SCS4025 ¹	POR	19.0
2½" NST (NH)	4"	ISCS4025F ³	238.35	7.5
---	4"	ISCS4025-BODY ²	POR	7.0

¹ Customer Thread (*must specify*) refer to legend on page 566

² replacement swivels can be ordered on page 566

³ imported



Dimensions

Size	A	B	C
4" x 2½" x 2½"	5⅝"	9"	6-1/16"

- dimensions match SCS4025F-D and SCS4025NYFD



bottom outlet
21-202

Feature:

- U/L listed

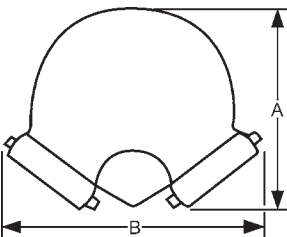


(2) Inlets Female	Outlet Female NPT	Cast Brass Part #	Price	Wt. Lbs.
2½" NST (NH)	4"	90SCS4025F ³	\$656.40	11.6
2½" NST (NH)	4"	90SCS4025F-SP	656.40	19.0
2½" NYFD	4"	90SCS4025NYFD	656.40	19.0
2½" CT	4"	90SCS4025 ¹	POR	7.5
2½" NST (NH)	4"	90ISCS4025F ³	296.55	7.0
---	4"	90ISCS4025-BODY ²	POR	---

¹ Customer Thread (*must specify*) refer to legend on page 566

² swivels can be ordered on page 566

³ imported



Dimensions

Size	A	B
4" x 2½" x 2½"	6⅞"	9⅞"

- dimensions match 90SCS4025F-D, 90SCS4025F-SP, and 90SCS4025NYFD

P

Double Clapper Siamese Connections



Features:

- double drop clapper with (2) pin lug swivel inlets provides required 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply (250 GPM minimum per inlet)
- exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes
- maximum operating pressure: **175 PSI** at 70°F (21°C)
- finish: -P polished or -C polished chrome plated
- U/L listed and FM approved

back outlet 21-132

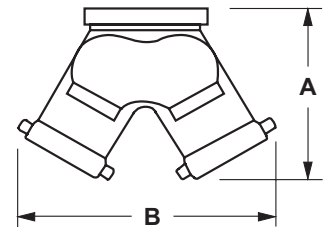
Outlet Female NPT	(2) Inlets Female	Branding	Cast Brass Part #	Price	Wt. Lbs.
4"	2½" NST(NH)	AutoSprinkler	DCS4025F	\$855.70	16.0
		AutoSprinkler	DCS4025F-P	969.70	16.0
		AutoSprinkler	DCS4025F-C	1036.40	16.0
		StandPipe	DCS4025F-SP	855.70	16.0
		No Branding	DCS4025F-NB	855.70	16.0
	2½" CT		DCS4025 ¹	POR	16.0
4"	3" NST(NH)	AutoSprinkler	DCS4030F	878.80	18.5
	3" NST(NH)	AutoSprinkler	DCS4030NYFD	878.80	18.5
6"	2½" NYFD	AutoSprinkler	DCS6025F	962.45	22.0
	2½" NST(NH)	StandPipe	DCS6025F-SP	962.45	22.0
	2½" CT		DCS6025 ¹	POR	22.0



¹ Customer Thread (*must specify*) refer to legend on page 566

Dimensions

Size	A	B
4" x 2½" x 2½"	9⅝"	12¼"
6" x 2½" x 2½"	10¼"	11¾"
4" x 3" x 3"	10"	12½"
6" x 3" x 3"	10⅜"	12½"



bottom outlet 21-133

Outlet Female NPT	(2) Inlets Female	Branding	Cast Brass Part #	Price	Wt. Lbs.
4"	2½" NST(NH)	AutoSprinkler	90DCS4025F	\$847.10	16.0
		AutoSprinkler	90DCS4025F-P	968.35	16.0
		AutoSprinkler	90DCS4025F-C	998.65	16.0
		StandPipe	90DCS4025F-SP	847.10	16.0
		No Branding	90DCS4025F-NB	847.10	16.0
	2½" CT		90DCS4025 ¹	POR	16.0
4"	3" NST(NH)	AutoSprinkler	90DCS4030F	940.00	19.5
	3" NYFD	AutoSprinkler	90DCS4030NYFD	940.00	19.5
		StandPipe	90DCS4030NYFDSP	940.00	19.5
6"	2½" NST(NH)	AutoSprinkler	90DCS6025F	867.25	17.5
		StandPipe	90DCS6025F-SP	867.25	17.5
	2½" CT		90DCS6025 ¹	POR	17.5
	3" NYFD	AutoSprinkler	90DCS6030NYFD	2072.30	17.5



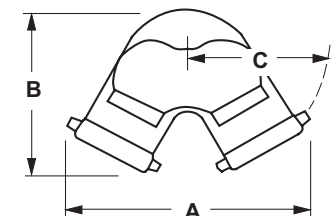
polished

P

¹ Customer Thread (*must specify*) refer to legend on page 566

Dimensions

Size	A	B	C
4" x 2½" x 2½"	11¾"	9⅝"	7¼"
6" x 2½" x 2½"	11¾"	10¾"	7¼"
4" x 3" x 3"	12½"	10⅞"	7½"
6" x 3" x 3"	12¼"	10⅞"	7¼"



- special threads, branding and finishes are available, consult Dixon for information
- replacement swivels can be ordered on page 566

Triple Clapper Siamese Connections

Features:

- branding: see below
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: **175 PSI** at 70°F (21°C)

back outlet

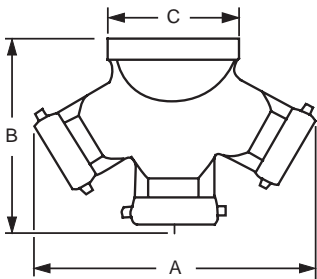
21-205



polished

Outlet Female NPT	(3) Inlets Female NST (NH)	Branding	Cast Brass Part #	Price	Wt. Lbs.
4"	2½"	AutoSprinkler	TCS4025F	\$1833.40	17.0
		StandPipe	TCS4025F-SP	1833.40	17.0
		No Branding	TCS4025F-NB	1833.40	17.0
6"	2½"	AutoSprinkler	TCS6025F	2176.00	23.5
		StandPipe	TCS6025F-SP	2176.00	23.5
		No Branding	TCS6025F-NB	2176.00	23.5

Dimensions



Size	A	B	C
4" x 2½" x 2½" x 2½"	13¾"	10½"	5"
6" x 2½" x 2½" x 2½"	13¾"	10½"	7½"

bottom outlet

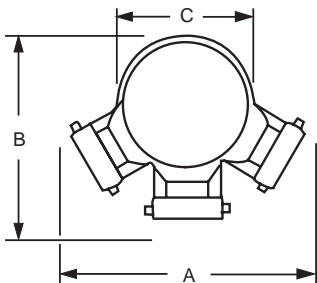
21-206



P

Outlet Female NPT	(3) Inlets Female NST (NH)	Branding	Cast Brass Part #	Price	Wt. Lbs.
4"	2½"	AutoSprinkler	90TCS4025F	\$2845.00	29
		No Branding	90TCS4025F-NB	2845.00	29
6"	2½"	AutoSprinkler	90TCS6025F	2709.70	25
		StandPipe	90TCS6025F-SP	2709.70	25
		No Branding	90TCS6025F-NB	2709.70	25

Dimensions



Size	A	B	C
4" x 2½" x 2½" x 2½"	14½"	11½"	7⅝"
6" x 2½" x 2½" x 2½"	14½"	11½"	7⅝"

- special threads, branding and finishes are available, consult Dixon for information
- replacement swivels can be ordered on page 566

Double Clapper Concealed Type Siamese Assemblies

22-229



Features:

- fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- branded: 'standpipe', 'auto-sprkr', 'auto-sprkr.-standpipe'
- **-P** polished
- **-C** polished chrome plated
- finishes: cast, polished or polished chrome
- maximum operating pressure: **250 PSI**
- complete unit consisting of the following six parts: (1) 4025REV90, or 4030REV90, or 90CREV6025, (1) 24-385 plate, (2) 23-270 double female connections, (2) 17-127 plugs with chains

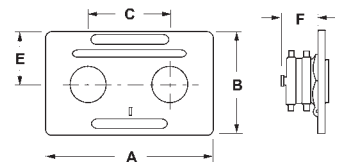
Outlet Female NPT	(2) Inlets Female NST (NH)	Branding	Cast Brass Part #	Price
4"	2½"	AutoSprinkler	2WCA4025F-P	\$1299.00
4"	2½"	StandPipe	2WCA4025F-SP-P	1299.00
4"	2½"	AutoSprinkler	2WCA4025F-C	1389.00
4"	2½"	StandPipe	2WCA4025F-SP-C	1389.00
4"	3"	AutoSprinkler	2WCA4030F-P	1780.00
6"	2½"	AutoSprinkler	2WCA6025F-P	1826.00
6"	2½"	StandPipe	2WCA6025F-SP-P	1826.00
6"	2½"	AutoSprinkler	2WCA6025F-C	1916.00
6"	2½"	StandPipe	2WCA6025F-SP-C	1916.00

- other branding and finishes are also available, consult Dixon for information



Dimensions

Size	A	B	C	E	F
24-385	14"	8"	7 ⁵ / ₈ "	4-15/16"	3 ⁵ / ₈ "





Two Way Sidewalk Siamese Assembly

21-207

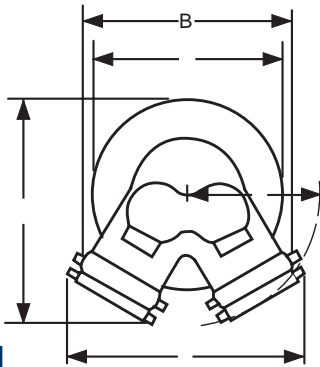
Features:

- U/L listed, FM approved
- **-P** polished
- **-C** polished chrome plated
- complete unit consists of: (1) 21-133 90° Siamese body, double clapper, (2) 17-127 pin lug plugs with chains, (1) 23-404 sleeve, (1) 24-405 escutcheon plate



Outlet Female NPT	(2) Inlets Female NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
4"	2½"	2WSA4025F	\$1467.30	1.75
4"	2½"	2WSA4025F-P	POR	
4"	2½"	2WSA4025F-C	POR	
4"	2½"	2WSA4025F-SP	1467.30	
4"	2½"	2WSA4025F-SP-P	POR	
4"	2½"	2WSA4025F-SP-C	POR	
6"	2½"	2WSA6025F	1664.85	
6"	2½"	2WSA6025F-P	POR	
6"	2½"	2WSA6025F-C	POR	
6"	2½"	2WSA6025F-SP	1664.85	
6"	2½"	2WSA6025F-SP-P	POR	
6"	2½"	2WSA6025F-SP-C	POR	

Dimensions



Size	A	B	C	E	F
4" x 2½" x 2½"	9¼"	10⅝"	10¾"	10⅝"	6⅝"
6" x 2½" x 2½"	11¼"	10½"	11¾"	13"	7¼"

P

Two Way Male Outlet - Roof Connections

26-294 / 26-296

Features:

- Used to create roof connections, fire pump test connections, wall hydrants or sidewalk (free standing) hydrants
- provides 250 GPM minimum per outlet
- U/L listed
- maximum operating pressure: **175 PSI** at 70°F (21°C)

back inlet

Pipe	(2) Outlets Male	Cast Brass Part #	Price	Wt. Lbs.
4"	2½" NPT	IRC4025	\$207.20	9.50
	2½" NPT	FRC4025-D	443.85	9.50
	2½" NST (NH)	IRC4025F	207.20	9.50
	2½" NST (NH)	FRC4025F-D	443.85	9.50
	2½" CT	FRC4025 ¹	POR	9.50
6"	2½" NPT	FRC6025	657.10	14.25
	2½" NST (NH)	FRC6025F	657.10	14.25
	2½" NYFD	FRC6025NYFD	690.00	14.25
	2½" CT	FRC6025 ¹	POR	14.25

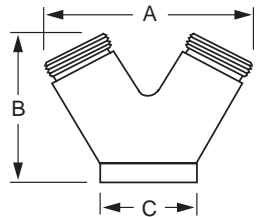
¹ Customer Thread (must specify) refer to legend on page 566



Groove Size	(2) Outlets Male	Cast Brass Part #	Price	Wt. Lbs.
4"	2½" MNPT	IRC4025G	\$213.00	7.05
4"	2½" MNST	IRC4025GF	213.00	7.05

Dimensions

Size	A	B	C
4" x 2½" x 2½"	7-7/8"	5-3/16"	5-1/4"
6" x 2½" x 2½"	8-3/16"	6-3/8"	7-5/8"



90° bottom inlet

26-296

Pipe Size	(2) Outlets Male	Cast Brass Part #	Price	Wt. Lbs.
4"	2½" NPT	90IRC4025	\$230.00	6.00
	2½" NPT	90FRC4025-D	443.35	8.25
	2½" NST (NH)	90IRC4025F	230.00	6.00
	2½" NST (NH)	90FRC4025F-D	443.35	8.25
	2½" CT	90FRC4025 ¹	POR	8.25
6"	2½" NPT	90FRC6025	620.00	15.80
	2½" NST (NH)	90FRC6025F	620.00	15.80
	2½" CT	90FRC6025 ¹	POR	15.80
	2½" CT	FRC6025 ¹	POR	14.25

¹ Customer Thread (must specify) refer to legend on page 566

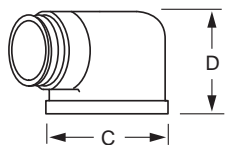
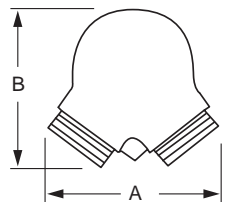


P

Groove Size	(2) Outlets Male	Cast Brass Part #	Price	Wt. Lbs.
4"	2½" MNPT	90IRC4025G	\$230.00	7.05
4"	2½" MNST	90IRC4025GF	230.00	7.05

Dimensions

Size	A	B	C	D
4" x 2½" x 2½"	7½"	6¾"	5⅝"	4½"
6" x 2½" x 2½"	9"	8½"	7½"	5"



Three Way Male Outlet - Roof Connections

26-295 / 26-297

Features:

- used to create roof connections, or fire pump test connections
- provides 250 GPM minimum per outlet

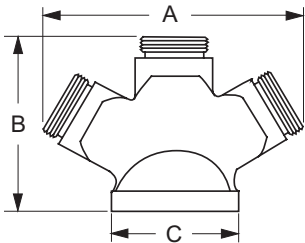
back outlet

26-295



Pipe Size	(3) Outlets Male	Cast Brass Part #	Price	Wt. Lbs.
4"	2½" NPT	FR3C4025	\$878.90	12
6"	2½" NPT	FR3C6025	1966.70	24
	2½" NST (NH)	FR3C6025F	1966.70	24

Dimensions



Size	A	B	C
4" x 2½" x 2½" x 2½"	12¾"	8¾"	5¼"
6" x 2½" x 2½" x 2½"	15¾"	9¾"	7⅝"

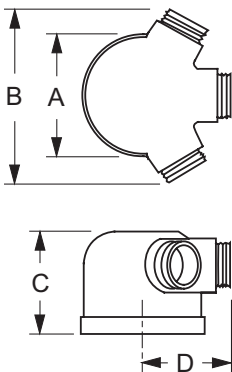
bottom outlet

26-297



Pipe Size	(3) Outlets Male	Cast Brass Part #	Price	Wt. Lbs.
4"	2½" NPT	90FR3C4025	\$2071.70	23.25
	2½" NST (NH)	90FR3C4025F	2071.70	23.25
6"	2½" NPT	90FR3C6025	1404.10	16.25
	2½" NST (NH)	90FR3C6025F	1404.10	16.25

Dimensions



Size	A	B	C	D
4 x 2½ x 2½ x 2½	7¾"	11¾"	4-7/16"	6¼"
6 x 2½ x 2½ x 2½	7¾"	11¾"	4-7/16"	6¼"

P

Sleeve for Sidewalk (free standing) Connections

23-404

Features:

- used in conjunction with a sidewalk escutcheon and a 90° double clapper Siamese to create a sidewalk (free standing) fire department connection
- finishes: -P polished, -C polished chrome plated

Pipe Size	Length	Brass Part #	Price	Wt. Lbs.
4"	18"	SS418-P	\$358.00	7
	18"	SS418-C	392.45	7
	24"	SS424-P	445.50	9
	24"	SS424-C	522.80	9
6"	18"	SS618-P	429.65	8
	18"	SS618-C	602.75	8



Round Identification Plates

24-209

Features:

- used to trim out and identify exposed fire department connections
- for Siamese, made in 9¼" diameter for 4" pipe and 11¼" diameter for 6" pipe
- finishes: -P polished, -C polished chrome plated

Pipe Size	Branding	Cast Brass Part #	Price	Wt. Lbs.
2½"	Auto-Sprinkler	REP250AS	\$90.45	2.5
	Auto-Sprinkler	REP250AS-P	103.55	2.5
	Auto-Sprinkler	REP250AS-C	142.20	2.5
	Wall Hydrant	REP250HY	90.45	2.5
	Pump Test	REP250PT	90.45	2.5
	Standpipe	REP250SP	90.45	2.5
	Standpipe	REP250SP-P	103.55	2.5
	Standpipe	REP250SP-C	142.20	2.5
4"	Auto-Sprinkler	AREP400AS¹	30.50	0.6
	Auto-Sprinkler	REP400AS	170.70	3.0
	Auto-Sprinkler	REP400AS-P	201.55	3.0
	Auto-Sprinkler	REP400AS-C	246.25	3.0
	Wall Hydrant	REP400HY	170.70	3.0
	Standpipe	REP400SP	170.70	3.0
	Standpipe	REP400SP-P	201.55	3.0
	Standpipe	REP400SP-C	246.25	3.0
Auto-Sprinkler & Standpipe	REP400AS/SP	170.70	3.0	
6"	Auto-Sprinkler	REP600AS	195.90	4.0
	Auto-Sprinkler	REP600AS-P	243.75	4.0
	Auto-Sprinkler	REP600AS-C	293.80	4.0
	Standpipe	REP600SP	195.90	4.0
	Standpipe	REP600SP-P	243.75	4.0
	Standpipe	REP600SP-C	293.80	4.0



REP250AS-C



REP250AS-P



REP400AS



AREP400AS



¹ aluminum

Dimensions

Size	OD	Hole Size
2½"	7⅝"	3¼"
4"	9¼"	4⅝"
6"	11¼"	6¾"

UL Concealed Two Way Wall Hydrant Body

23-387 / 23-388

Application:

- connections supplement the fire protection water supply

Features:

- provides 500 GPM minimums at 250 GPM per inlet (ref NFPA 14)
- drop clappers provide unobstructed waterway
- flush design is desirable when appearance is a factor
- U/L listed
- double clapper
- 7⁵/₈" center-line
- bodies require wall plate WP2 (24-385), see page 563

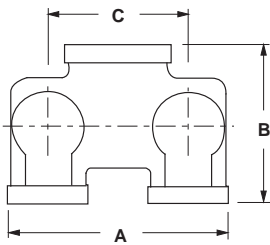
back outlet

23-387



Outlet Female NPT	(2) Inlets Female NPT	Brass Part #	Price	Wt. Lbs.
4"	2½"	CDMHCB40225	\$701.20	19
4"	3"	CDMHCB40230	964.80	22
5"	3"	CDMHCB50230	2190.90	39
6"	2½"	CDMHCB60225	839.25	20
6"	3"	CDMHCB60230	2374.20	39

Dimensions



Size	A	B	C
4" x 2½" x 2½"	11-1/8"	6"	7 ⁵ / ₈ "
4" x 3" x 3"	12-1/4"	8-1/8"	7 ⁵ / ₈ "
5" x 3" x 3"	11-13/16"	7-5/16"	7 ⁵ / ₈ "
6" x 2½" x 2½"	11-1/8"	7-3/8"	7 ⁵ / ₈ "
6" x 3" x 3"	12-1/4"	8-1/4"	7 ⁵ / ₈ "

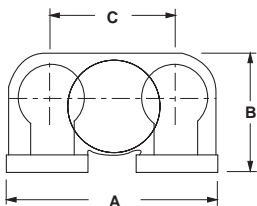
bottom outlet

23-388



Outlet Female NPT	(2) Inlets Female NPT	Brass Part #	Price	Wt. Lbs.
5"	3"	90CDMHCB50230	\$3276.15	41.30
6"	2½"	90CDMHCB60225	3089.05	37.00
6"	3"	90CDMHCB60230	2679.05	41.00

Dimensions



Size	A	B	C
5" x 3" x 3"	12"	9½"	7 ⁵ / ₈ "
6" x 2½" x 2½"	12"	7¼"	7 ⁵ / ₈ "
6" x 3" x 3"	12"	9½"	7 ⁵ / ₈ "

P

Reversible Concealed Angle Siamese Body

23-393

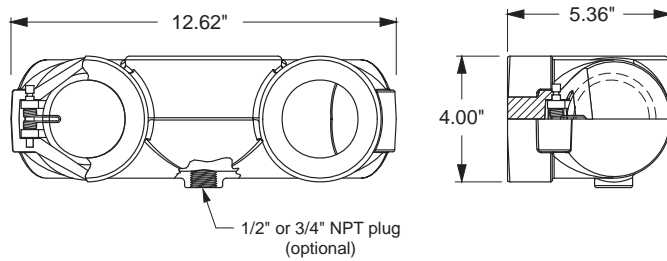
Features:

- design is fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- U/L listed
- approved by New York City Board of Standards and Appeals
- maximum operating pressure: **250 PSI** at 70°F (21°C)
- bodies require wall plate **WP2** see page 563

Outlet Female NPT	(2) Inlets Female NPT	Brass Part #	Price	Wt. Lbs.
4"	2½"	4025REV90	\$751.70	19
4"	3"	4030REV90	766.70	19



Dimensions



Reversible Concealed Angle Siamese Body (7-5/8" Centers)

Features:

- design is fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- replaces 23-391 bodies
- maximum operating pressure: **250 PSI** at 70°F (21°C)

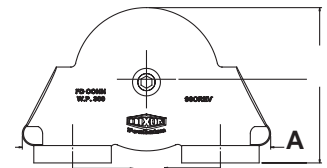
Outlet Female NPT	(2) Inlets Female NPT	Brass Part #	Price	Wt. Lbs.
5"	2½"	90CREV5025	\$1321.00	30
5"	3"	90CREV5030	1321.00	28
6"	2½"	90CREV6025	1321.00	27
6"	3"	90CREV6030	1321.00	25



P

Dimensions

Size	A	B	C
5" x 3" x 3"	12"	9½"	7⅞"
6" x 2½" x 2½"	12"	7¼"	7⅞"
6" x 3" x 3"	12"	9½"	7⅞"



FDC Pump Connections and Hose Valve Headers Pump Test Header



Dixon offers grooved, flanged and threaded steel bodies for the fire protection market. The options below represent common configurations, however custom assemblies are available. Please consult Dixon at 877.712.6179 to order, please be prepared to supply the following:

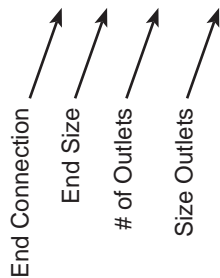
1. outlets - number, size, thread
2. inlets - configuration, size, thread (if applicable), location (end, back, angle)
3. material - galvanized steel, stainless steel
4. finish - epoxy paint, powder coat, color

- certified D1, G1, G6

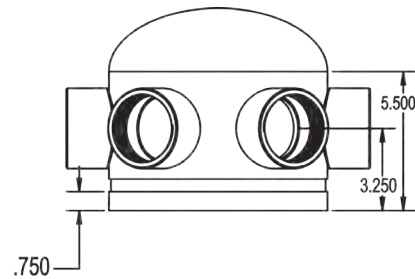
End Connection		End Size		# of Outlets		Size Outlets		GPM	
G	Grooved	04	4"	02	2 way	25	2½" FNPT	4" 2-way	500
F	Flanged	06	6"	03	3 way	30	3" FNPT	6" 3-way	750
---	---	08	8"	04	4 way	---	---	8" 4-way	1000
---	---	10	10"	06	6 way	---	---	10" 6-way	1500

Model Number Breakdown

HVG0402-25



Dimensions



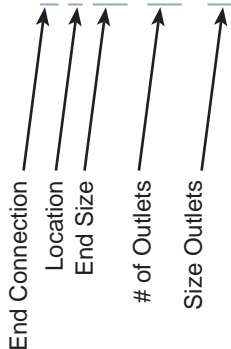
Manifolds



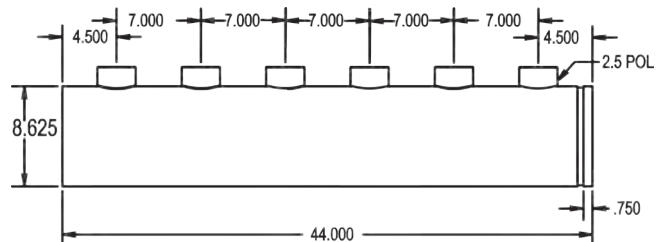
End Connection		Location		End Size		# of Outlets		Outlet Size	
T	Threaded	E	End	40	4"	20	2	25	2½" FNPT
G	Grooved	B	Back	60	6"	30	3	30	3" FNPT
F	Flanged	9	90°	80	8"	40	4		
						60	6		

Model Number Breakdown

T98060-30



Dimensions



Wall Plate for Double Clapper Siamese Assemblies

24-385

Features:

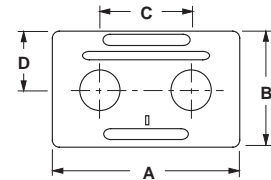
- finishes: -P polished, -C polished chrome plated
- 4-hole and 6-hole wall plates available, consult Dixon for information

Hole Size	Branding	Brass Part #	Price	Wt. Lbs.
3-3/8"	AutoSprinkler	WP2HAS-P	\$240.90	3
	AutoSprinkler	WP2HAS-C	287.15	3
3-3/8"	StandPipe	WP2HSP-P	240.90	3
	StandPipe	WP2HSP-C	287.15	3
3-3/8"	AutoSprinkler StandPipe Combo	WP2H-ASSP-P	240.90	3
	AutoSprinkler StandPipe Combo	WP2H-ASSP-C	287.15	3
3-3/8"	Hydrant	WP2H-HY-P	240.90	3
	Hydrant	WP2H-HY-C	287.15	3
3-3/8"	PumpTest	WP2H-PT-P	240.90	3
	PumpTest	WP2H-PT-C	287.15	3



Dimensions

Hole Size	A	B	C	D
3 3/8"	14"	8"	7 5/8"	4-15/16"



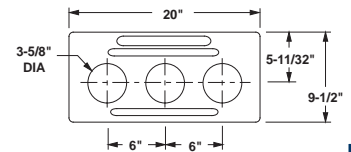
Wall Plate for Concealed Three Way Bodies

24-393

Features:

- finishes: -P polished, -C polished chrome plated
- 4-hole and 6-hole wall plates available, consult Dixon for information

Hole Size	Positioned	Branding	Cast Brass Part #	Price	Wt. Lbs.
3 5/8"	Horizontal	AutoSprinkler	WP3HAS-P	\$377.30	3
	Horizontal	AutoSprinkler	WP3HAS-C	446.10	3
3 5/8"	Horizontal	StandPipe	WP3HSP-P	377.30	3
	Horizontal	StandPipe	WP3HSP-C	446.10	3
3 5/8"	Horizontal	PumpTest	WP3HH-PT-P	377.30	3
	Horizontal	AutoSprinkler StandPipe Combo	WP3HH-ASSP-C	446.10	3
3 5/8"	Vertical	AutoSprinkler StandPipe Combo	WP3HV-ASSP-P	377.30	3
	Horizontal	PumpTest	WP3HH-PT-C	446.10	3
3 5/8"	Vertical	PumpTest	WP3HV-PT-P	377.30	3
	Vertical	PumpTest	WP3HV-PT-C	377.30	3



P

Spring Check Type Snoots - Pin Lug

25-288 / 25-289

Features:

- finishes: -P polished, -C polished chrome plated
- other configurations are also available, consult Dixon for information
- maximum operating pressure: **175 PSI** at 70°F (21°C)

female outlet

25-288

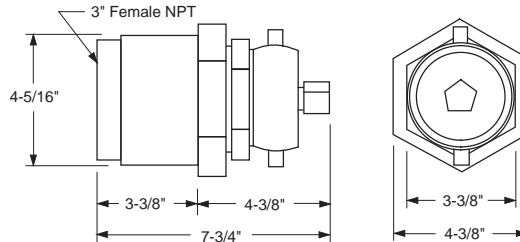


Features:

- female NPT rigid with hexagon by 2½" female hose thread to swivel
- connections are attached to the 25-416 or 25-417 bodies with pipe nipples (not included)

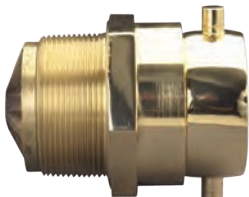
Outlet Female NPT	Inlet Female NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
3"	2½"	CSSTF25F30T-P	\$448.30	14.5
3"	2½"	CSSTF25F30T-C	510.00	14.5
3"	3"	CSSTF30F30T-P	525.50	12

Dimensions



male outlet

25-289

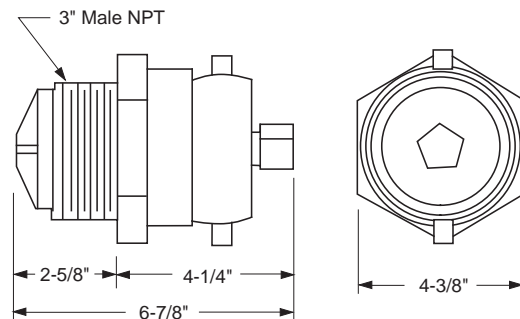


Features:

- male NPT x 2½" female hose thread to swivel
- used when a direct connection to 25-416 or 25-417 bodies is desired

Outlet Male NPT	Inlet Female NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
3"	2½"	CSSTM25F30T-P	\$448.30	10
3"	2½"	CSSTM25F30T-C	510.00	10

Dimensions



• Under no circumstances should a 25-289 check snoot be installed directly into a pipe, as this may prevent the snoot from opening. Install directly into the appropriate standpipe body only.

Clapper Type Snoots - Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- other sizes and threads are available, consult Dixon for information

Outlet Female NPT	Inlet Female NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
3"	2½"	CSCTF25F30T-P	\$228.35	8
3"	2½"	CSCTF25F30T-C	238.80	8



polished

Outlet Male NPT	Inlet Female NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
3"	2½"	CSCTM25F30T-P	\$228.35	8
3"	2½"	CSCTM25F30T-C	238.80	8



polished chrome plated

Single Male Outlet with Hex (open snoot)

23-272

Application:

- used to connect fire hose to a standpipe or sprinkler system

Features:

- finishes: -P polished, -C polished chrome plated
- other sizes and threads are available, consult Dixon for information

Female NPT	Male	Cast Brass Part #	Price	Wt. Lbs.
2½"	2½" NST (NH)	MOC250F-P	\$149.85	2.25
	2½" NST (NH)	MOC250F-C	161.90	2.25
	2½" CT	MOC250 ¹	POR	2.25
3"	2½" NST (NH)	MOC3025F-P	204.55	3.00
	2½" NST (NH)	MOC3025F-C	219.70	3.00
	2½" CT	MOC3025 ¹	POR	3.00
	3" NST (NH)	MOC300F-P	POR	3.20



¹ Customer Thread (*must specify*) refer to legend on next page

Female NPT	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
2½"	2½" NYC	MOC250NYC-P	\$149.85	2.25
2½"	2½" NYFD	MOC250NYFD-P	149.85	2.25



Brass Replacement Swivels and Accessories

Features:

- replacement brass swivels for Dixon fire department connections
- finish: -P polished, -C polished chrome plated
- swivel comes with gasket, set screw and ball bearings needed to install on FDC



Size	Thread	Brass Part #	Price	Wt. Lbs.
2½"	NPSH (2.84x8)	PSNP250S	\$103.25	1.3
2½"	NST (NH) (3.07x7.5)	PSNP250NST	103.25	1.3
2½"	NYC/BA (3.00x8)	PSNP250NYC	103.25	1.3
2½"	NYFD (3.03x8)	PSNP250NYFD	103.25	1.3
2½"	CSA (3.125x5)	PSNP2503.125x5	POR	1.3
2½"	QST (3.031x7)	PSNP2503.03x7	POR	1.3
2½"	WCT (3.25x6)	PSNP2503.25x6	POR	1.3
2½"	PITT 6 (3.06X6)	PSNP2503.06x6	POR	1.3
2½"	CT	PSNP250 ____ ¹	POR	1.3
3"	NST (NH)	PSNP300NST	132.10	2.0
3"	NYFD	PSNP300NYFD	132.10	2.0

¹ Customer Thread (*must specify*) refer to legend below

- 2½" requires 50 ball bearings, 3" requires 58 ball bearings

Replacement Parts

Description	Part #	Price
2½" gasket	SW250	\$3.20
3" gasket	SW300F	6.85
ball bearings	46-003-00001	0.30
set screw	46-011-00418	2.00

Thread Legend

Initials	Common Name	Dixon Suffix	Region Normally Used	2½" ODM ¹	2½" TPI ²
AMA & BCT	Alberta Mutual Aid/ British Columbia Thread	B	British Columbia & Alberta	3.00	8
CSA	Canadian Standard Association	C	Ontario	3.125	5
NS1	Nova Scotia 1	NS	Nova Scotia	3.23	5
QST & QMT	Quebec Standard Thread	Q	Quebec	3.031	7
WCT	Western Canada Thread	W	Saskatchewan & Manitoba	3.25	6
GHT	Garden Hose Thread	G	North America	¹ outside diameter of male ² threads per inch	
NPS	National Pipe Straight	S			
NPT	National Pipe Tapered	T			
NST (NH)	National Standard Thread	F			
NYC	New York Corporation	NYC	Newark, NJ		
NYFD	New York Fire Department	NYFD	New York Fire Department		

P

Double Male Hex Nipples

Feature:

- other configurations are also available, consult Dixon for information



reducer



same size



increaser

Male Thread	Male Thread	Cast Brass Part #	Price
¾" NPT	1½" NPSH	DMH75T15S	\$61.20
¾" NPT	1½" NST (NH)	DMH7515F	66.55
1" NPT	¾" GHT	DMH1076	13.15
1" NPT	1" NPSH	DMH1010	12.50
1" NPT	1" NST (NH)	DMH1010F	12.50
1" NPT	1½" NPSH	DMH1015	69.65
1" NPT	1½" NST (NH)	DMH1015F	69.65
1" NPT	2½" Fire Thread	DMH10T25 ¹	POR
1" NPT	2½" NST (NH)	DMH1025F	145.00
1½" NPSH	1½" NPSH	DMH15S15S	81.50
1½" NPSH	1½" NPT	DMH1515	20.70
1½" NPSH	2½" Fire Thread	DMH15S25 ¹	POR
1½" NPT	1" NPSH	DMH1510	75.25
1½" NPT	1" NST (NH)	DMH1510F	75.25
1½" NPT	1¼" NPSH	DMH1512	102.00
1½" NPT	1½" NPT	DMH15T15T	23.15
1½" NPT	1½" NST (NH)	DMH1515F	18.95
1½" NPT	2" NPSH	DMH1520	61.15
1½" NPT	2½" Fire Thread	DMH15T25 ¹	POR
1½" NPT	2½" NST (NH)	DMH1525F	63.00
1½" NST (NH)	1½" NPSH	DMH15F15S	23.15
1½" NST (NH)	1½" NST (NH)	DMH15F15F	23.15
1½" NST (NH)	2½" NST (NH)	DMH15F25F	63.00
1½" NST (NH)	2½" Fire Thread	DMH15F25 ¹	POR
2" NPT	1½" NPSH	DMH2015	46.00
2" NPT	1½" NST (NH)	DMH2015F	39.30
2" NPT	2" NPSH	DMH2020	43.35
2" NPT	2½" NPSH	DMH2025	63.25
2" NPT	2½" Fire Thread	DMH20T25 ¹	POR
2" NPT	2½" NST (NH)	DMH2025F	50.60

Male Thread	Male Thread	Cast Brass Part #	Price
2½" NPT	1½" NPSH	DMH25T15S	POR
2½" NPT	1½" NST (NH)	DMH2515F	85.25
2½" NPT	2" NPSH	DMH2520	113.00
2½" NPT	2½" NPSH	DMH2525	54.15
2½" NPT	2½" NST (NH)	DMH2525F	53.60
2½" NPT	2½" Fire Thread	DMH25T25 ¹	POR
2½" NPT	3" NPSH	DMH2530	208.95
2½" NPT	3" NPT	DMH25T30T	215.00
2½" NPT	3" NST (NH)	DMH2530F	208.95
2½" NST (NH)	2½" NST (NH)	DMH25F25F	52.40
2½" NST (NH)	3" NST (NH)	DMH25F30F	215.00
2½" Fire Thread	2½" Fire Thread	DMH25 ¹ _25	POR
2½" Fire Thread	3" NST (NH)	DMH25 ¹ _30F	POR
3" NPT	2½" NPSH	DMH3025	105.00
3" NPT	2½" NST (NH)	DMH3025F	99.00
3" NPT	2½" Fire Thread	DMH3025 ¹	POR
3" NPT	3" NPSH	DMH3030	144.00
3" NPT	3" NST (NH)	DMH3030F	144.00
4" NPT	4" NPSH	DMH4040	231.00
4" NST (NH)	4" NST	DMH40F40F	219.00
4" NPT	4" NST (NH)	DMH4040F	219.00
4" NPT	4½" NST (NH)	DMH4045F	235.45
5" NPT	5" NST (NH)	DMH5050F	590.00
6" NPT	4½" NST (NH)	DMH6045F	447.00
6" NPT	6" NST (NH)	DMH6060F	482.00
6" NPSH	6" NPSH	DMH6060	994.00

¹ Customer Thread (*must specify*) refer to legend on page 566

Aluminum Double Male Northline Adapters - Rocker Lug



Style N36

Male Thread	Aluminum Extrusion - Anodized Male Thread								
	1"	1½"	2"	2½"	3"	4"	4½"	5"	6"
¾"	<u>N36-07_10</u> \$34.95	<u>N36-07_15</u> \$75.05	<u>N36-07_20</u> \$78.65	<u>N36-07_25</u> \$78.65					
1"	<u>N36-10_10</u> \$34.95	<u>N36-10_15</u> \$75.05	<u>N36-10_20</u> \$78.65	<u>N36-10_25</u> \$78.65					
1½"		<u>N36-15_15</u> \$36.00	<u>N36-15_20</u> \$57.65	<u>N36-15_25</u> \$62.85					
2"			<u>N36-20_20</u> \$70.75	<u>N36-20_25</u> \$85.90	<u>N36-20_30</u> \$158.25				
2½"				<u>N36-25_25</u> \$53.85	<u>N36-25_30</u> \$111.90	<u>N36-25_40</u> \$176.30	<u>N36-25_45</u> \$194.75	<u>N36-25_50</u> \$410.50	<u>N36-25_60</u> \$452.50
3"					<u>N36-30_30</u> \$104.25	<u>N36-30_40</u> \$236.75	<u>N36-30_45</u> \$232.95	<u>N36-30_50</u> \$534.55	<u>N36-30_60</u> \$618.55
4"						<u>N36-40_40</u> \$190.95	<u>N36-40_45</u> \$261.55	<u>N36-40_50</u> \$273.00	<u>N36-40_60</u> \$339.85
4½"							<u>N36-45_45</u> \$263.50	<u>N36-45_50</u> \$278.75	<u>N36-45_60</u> \$328.40
5"								<u>N36-50_50</u> \$227.20	<u>N36-50_60</u> \$271.10
6"									<u>N36-60_60</u> \$334.10

P

___ Customer Thread (*must specify*) refer to legend on page 566

- part numbers are generated using the rules:
smallest size to largest size, if it's the same size on both threads then we use pipe thread to fire thread size, and then if both threads are pipe threads then NPS comes before NPT., e.g. if the desired part has a:
 - 3" NPT x 2½" NST the part number would be N36-25F30T
 - 3" NST x 3" NPS the part number would be N36-30S30F
 - 3" NPT x 3" NPS the part number would be N36-30S30T

Brass Double Male Adapters Pin Lug

Feature:

- other configurations are also available, consult Dixon for information

Male Thread	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
1½" NST (NH)	1½" NST (NH)	DMP1515F	\$88.05	1.1
1½" NST (NH)	1½" NPT	DMP15F15T	88.05	2.0
1½" NPSH	1½" NPSH	DMP1515	88.05	1.0
1½" NPSH	1½" NPT	DMP15S15T	88.05	1.1
1½" NST (NH)	1½" NPSH	DMP15F15S	88.05	1.1
2½" NST (NH)	2½" NST (NH)	DMP2525F	159.60	2.3
2½" NST (NH)	2½" NPSH	DMP25F25S	159.60	2.1
2½" NST (NH)	2½" NPT	DMP25F25T	159.60	1.3
2½" NPSH	2½" NPSH	DMP2525	159.60	1.8
2½" CT	2½" NPSH	DMP25__25S¹	POR	1.8
2½" CT	2½" NPT	DMP25__25T¹	POR	1.8
2½" CT	2½" CT	DMP25__25__¹	POR	1.8

¹ Customer Thread (*must specify*) refer to legend on page 566



Rocker Lug

Feature:

- other configurations are also available, consult Dixon for information

Male Thread	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
1½" NST (NH)	1½" NST (NH)	DMR1515F	\$65.40	1.1
1½" NST (NH)	1½" NPT	DMR15F15T	65.40	1.2
1½" NST (NH)	1½" NPSH	DMR15F15S	65.40	1.2
1½" NPSH	1½" NPSH	DMR1515	65.40	1.2
1½" NPSH	1½" NPT	DMR15S15T	65.40	1.2
2½" NST (NH)	2½" NST (NH)	DMR2525F	168.00	1.3
2½" NPSH	2½" NPSH	DMR2525	168.00	1.3
2½" CT	2½" NPSH	DMR25__25S¹	POR	1.5
2½" CT	2½" NPT	DMR 25__25T¹	POR	1.5
2½" CT	2½" CT	DMR25__25__¹	POR	1.5

¹ Customer Thread (*must specify*) refer to legend on page 566



- All adapters are made to approved Dixon specifications.

Brass Double Male Hex Nipples (New York Threads)



reducer



same size



increaser

Feature:

- other configurations are also available, consult Dixon for information

Male NPT	Male NYC	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DMH1515NYC	\$26.15	.79
2½"	2½"	DMH2525NYC	168.00	1.60

Male NPT	Male NYFD	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DMH1515NYFD	\$26.15	1.0
2"	2½"	DMH2025NYFD	103.00	1.5
2½"	2½"	DMH2525NYFD	168.00	2.0

Male NYFD	Male NPT	Cast Brass Part #	Price	Wt. Lbs.
2½"	2"	DMH25NYFD20T	POR	1.5

Male NST (NH)	Male NYFD	Cast Brass Part #	Price	Wt. Lbs.
2½"	2½"	DMH25F25NYFD	\$118.00	2.0

Male NYFD	Male NYFD	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DMH15NYFD15NYFD	\$81.50	1.0
2½"	2½"	DMH25NYFD25NYFD	118.00	2.0

- NYFD thread: 3.031 x 8 TPI
- NYC thread: 3.00 x 8 TPI

Domestic Brass Adapters - Hex Nipples Double Male Hex Nipples

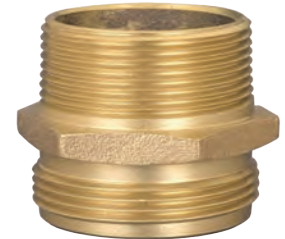
Feature:

- other configurations are also available, consult Dixon for information

Male Thread	Male Thread	Cast Brass Part #	Price
1" NPT	1" NST (NH)	<i>DMH1010F-D</i>	\$51.25
1" NPT	1½" NST (NH)	<i>DMH1015F-D</i>	69.65
1½" NPT	1½" NPSH	<i>DMH1515-D</i>	74.10
1½" NPT	1½" NST (NH)	<i>DMH1515F-D</i>	74.10
1½" NPT	2½" NST (NH)	<i>DMH1525F-D</i>	121.20
1½" NST (NH)	1½" NST (NH)	<i>DMH15F15F-D</i>	74.10
1½" NST (NH)	1½" NPSH	<i>DMH15F15S-D</i>	74.10
1½" NST (NH)	2½" NST (NH)	<i>DMH15F25F-D</i>	121.20
2" NPT	1½" NST (NH)	<i>DMH2015F-D</i>	59.85
2" NPT	2" NPSH	<i>DMH2020-D</i>	85.00
2" NPT	2½" NST (NH)	<i>DMH2025F-D</i>	110.75
2½" NPT	1½" NST (NH)	<i>DMH2515F-D</i>	145.85
2½" NPT	2½" NST (NH)	<i>DMH2525F-D</i>	145.85
2½" NST (NH)	2½" NST (NH)	<i>DMH25F25F-D</i>	145.85
3" NPT	2½" NST (NH)	<i>DMH3025F-D</i>	237.90
3" NPT	3" NST (NH)	<i>DMH3030F-D</i>	243.20
4" NPT	4½" NST (NH)	<i>DMH4045F-D</i>	435.00
6" NPT	6" NST (NH)	<i>DMH6060F-D</i>	994.00



reducer



same size



increaser

Male x Grooved Adapters with Internal Lugs

Feature:

- allows the conversion of a female NPT valve inlet to connect to grooved piping

Male NPT	Grooved Size	Length	Brass Part #	Price
2½"	2½"	2-3/64"	<i>VMIL250</i>	\$65.40
4"	4"	2-3/64"	<i>VMIL400</i>	65.40



P

- All adapters are made to approved Dixon specifications.

Hydrant Adapters - Pin Lug

Features:

- finish: -C polished chrome plated
- other configurations are also available, consult Dixon for information



reducer



same size



increaser

Female Thread	Male Thread	Cast Brass Part #	Price
1½" NPSH	¾" GHT	HA15S76	\$23.70
1½" NPSH	¾" NPSH	HA15S75	23.70
1½" NPSH	¾" NPT	HA15S75T	21.00
1½" NPSH	1" NPSH	HA15S10S	85.85
1½" NPSH	1" NPT	HA15S10T	85.85
1½" NPSH	1½" NPT	HA15S15T	40.75
1½" NPSH	1½" NST (NH)	HA15S15F	40.75
1½" NPSH	2½" CT	HA15S25 ¹	POR
1½" NPT	1½" NPSH	HA15T15S	22.35
1½" NPT	1½" NST (NH)	HA15T15F	40.75
1½" NST (NH)	¾" GHT	HA1576	20.60
1½" NST (NH)	¾" NPSH	HA1575	85.65
1½" NST (NH)	¾" NPT	HA1575T	33.50
1½" NST (NH)	1" NPSH	HA1510	43.25
1½" NST (NH)	1" NST (NH)	HA1510F	40.75
1½" NST (NH)	1" NPT	HA1510T	40.75
1½" NST (NH)	1½" NPSH	HA1515	40.75
1½" NST (NH)	1½" NPT	HA1515T	40.75
1½" NST (NH)	1½" NST (NH)	HA1515F	40.75
1½" NST (NH)	2½" NST (NH)	HA1525F	142.45
1½" NST (NH)	2½" CT	HA15F25 ¹	POR
2" NPSH	1½" NPSH	HA20S15S	28.85
2" NPSH	1½" NPT	HA20S15T	28.85
2" NPSH	1½" NST (NH)	HA20S15F	36.40
2" NPSH	2½" CT	HA20S25 ¹	POR
2" NPSH	2½" NST (NH)	HA20S25F	80.10
2" NPT	2½" NST (NH)	HA20T25F	80.10
2" NPT	2½" CT	HA20T25 ¹	POR
2" NST (NH)	2½" NST (NH)	HA2025F	132.00
2½" NPSH	1" NPT	HA25S10T	36.40
2½" NPSH	1½" NPSH	HA25S15S	115.00
2½" NPSH	1½" NPT	HA25S15T	115.00
2½" NPSH	1½" NST (NH)	HA25S15F	37.90
2½" NPSH	2½" CT	HA25S25 ¹	POR
2½" NPSH	2½" NST (NH)	HA25S25F	72.85

Female Thread	Male Thread	Cast Brass Part #	Price
2½" CT	¾" GHT	HA25 <u> 76</u> ¹	POR
2½" NST (NH)	¾" GHT	HA2576	\$29.35
2½" NST (NH)	¾" NPSH	HA2575T	29.35
2½" CT	1" NPSH	HA25 <u> 10S</u> ¹	POR
2½" CT	1" NPT	HA25 <u> 10T</u> ¹	POR
2½" NST (NH)	1" NPSH	HA2510	32.35
2½" NST (NH)	1" NST (NH)	HA2510F	32.35
2½" NST (NH)	1" NPT	HA2510T	29.70
2½" CT	1½" NPSH	HA25 <u> 15S</u> ¹	POR
2½" CT	1½" NPT	HA25 <u> 15T</u> ¹	POR
2½" CT	1½" NST (NH)	HA25 <u> 15F</u> ¹	POR
2½" NST (NH)	1½" NPSH	HA2515	30.60
2½" NST (NH)	1½" NST (NH)	HA2515F	29.70
2½" NST (NH)	1½" NPT	HA2515T	30.60
2½" CT	2" NPSH	HA25 <u> 20S</u> ¹	POR
2½" CT	2" NPT	HA25 <u> 20T</u> ¹	POR
2½" NST (NH)	2" NPSH	HA2520	50.95
2½" NST (NH)	2" NST (NH)	HA2520F	50.95
2½" NST (NH)	2" NPT	HA2520T	29.95
2½" CT	2½" NPSH	HA25 <u> 25S</u> ¹	POR
2½" CT	2½" NPT	HA25 <u> 25T</u> ¹	POR
2½" CT	2½" CT	HA25 <u> 25</u> ¹	POR
2½" NST (NH)	2½" NPSH	HA2525	69.85
2½" NST (NH)	2½" NST (NH)	HA2525F	69.85
2½" NST (NH)	2½" NPT	HA2525T	69.85
2½" CT	3" NPSH	HA25 <u> 30S</u> ¹	POR
2½" CT	3" NPT	HA25 <u> 30T</u> ¹	POR
2½" CT	3" NST (NH)	HA25 <u> 30F</u> ¹	POR
2½" NST (NH)	3" NPSH	HA2530	108.00
2½" NST (NH)	3" NST (NH)	HA2530F	108.00
2½" NST (NH)	3" NPT	HA2530T	108.00
3" NPSH	2½" NPSH	HA30S25S	212.20
3" NPSH	2½" CT	HA30S25 ¹	POR
3" NST (NH)	1½" NPSH	HA30F15S	196.20
3" NST (NH)	1½" NST (NH)	HA3015F	196.20
4" NST (NH)	2½" CT	HA40F25 ¹	POR
4½" NST (NH)	2½" CT	HA45F25 ¹	POR

¹ Customer Thread (*must specify*) refer to legend on page 566

Brass Hydrant Adapters - Rocker Lug

Features:

- finishes: -C polished chrome plated
- other configurations are also available, consult Dixon for information

Male Thread	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
1½"NH	¾" GHT	RHA1576	\$79.90	0.6
1½" NPSH	¾" NPT	RHA15S75T	81.85	0.6
1½"NH	1" NPSH	RHA1510	46.60	0.6
1½" NST (NH)	1" NST (NH)	RHA1510F	46.60	0.6
1½" NST (NH)	1" NPT	RHA1510T	46.60	0.6
1½" NPSH	1" NPSH	RHA15S10	47.50	0.6
1½" NPSH	1" NPT	RHA15S10T	49.90	0.6
1½" NST (NH)	1½" NPSH	RHA1515	55.80	0.9
1½" NST (NH)	1½" NST (NH)	RHA1515F	55.80	0.8
1½" NST (NH)	1½" NPT	RHA1515T	55.80	0.8
1½" NPSH	1½" NST (NH)	RHA15S15F	55.80	0.7
1½" NPSH	1½" NPT	RHA15S15T	113.00	0.9
1½" NPT	1½" NST (NH)	RHA15T15F	55.80	0.9
1½" NST (NH)	2" NPSH	RHA1520	113.00	0.9
1½" NST (NH)	2½" NST (NH)	RHA1525F	76.80	2.2
1½" NPSH	2½" CT	RHA15S25 ¹	POR	2.2
1½" NST (NH)	2½" CT	RHA15F25 ¹	POR	2.2
2" NST (NH)	2½" NST (NH)	RHA2025F	132.30	1.4
2" NPSH	2½" CT	RHA20S25 ¹	POR	1.4
2" NPT	2½" CT	RHA20T25 ¹	POR	1.4
2½" NST (NH)	¾" GHT	RHA2576	36.85	1.0
2½" NST (NH)	1" NPSH	RHA2510	49.15	1.4
2½" NST (NH)	1" NST (NH)	RHA2510F	49.15	1.4
2½" NST (NH)	1" NPT	RHA2510T	49.15	1.4
2½" CT	1" NPSH	RHA25 ¹ 10S ¹	POR	1.4
2½" CT	1" NPT	RHA25 ¹ 10T ¹	POR	1.4
2½" NST (NH)	1½" NPSH	RHA2515	35.50	1.5
2½" NST (NH)	1½" NST (NH)	RHA2515F	35.50	1.1
2½" NST (NH)	1½" NST (NH)	RHA2515F-C	POR	1.1
2½" NST (NH)	1½" NPT	RHA2515T	75.85	1.5
2½" NPSH	1½" NPSH	RHA25S15	40.25	1.1
2½" NPSH	1½" NST (NH)	RHA25S15F	40.25	1.1
2½" CT	1½" NPSH	RHA25 ¹ 15S ¹	POR	1.5
2½" CT	1½" NPT	RHA25 ¹ 15T ¹	POR	1.5
2½" NST (NH)	2" NST (NH)	RHA2520F	144.90	1.8
2½" NST (NH)	2" NPT	RHA2520T	51.25	1.4
2½" CT	2" NPSH	RHA25 ¹ 20S ¹	POR	1.5
2½" CT	2" NPT	RHA25 ¹ 20T ¹	POR	1.5
2½" NST (NH)	2½" NPSH	RHA2525	121.25	1.6
2½" NST (NH)	2½" NPT	RHA2525T	130.00	1.6
2½" NPSH	2½" NST (NH)	RHA25S25F	130.00	2.1
2½" NPT	2½" NST (NH)	RHA25T25F	130.00	2.2
2½" CT	2½" NPSH	RHA25 ¹ 25S ¹	POR	2.2
2½" CT	2½" NPT	RHA25 ¹ 25T ¹	POR	2.2
2½" CT	2½" CT	RHA25 ¹ 25	POR	2.2
2½" NST (NH)	3" NPT	RHA2530T	159.80	2.6
2½" CT	3" NPSH	RHA25 ¹ 30S ¹	POR	2.6
2½" CT	3" NPT	RHA25 ¹ 30T ¹	POR	2.6
2½" CT	3" NST (NH)	RHA25 ¹ 30F ¹	POR	2.6
3" NST (NH)	2½" NST (NH)	RHA3025F	160.00	1.9



reducer



reducer - chrome plated



same size

¹ Customer Thread (*must specify*) refer to legend on page 566

- All adapters are made to approved Dixon specifications.

Aluminum Female x Male Adapters - Rocker Lug



reducer



same size



increaser

Style N37

Female Thread	Aluminum Extrusion - Anodized Male Thread								
	¾"	1"	1½"	2"	2½"	3"	4"	4½"	5"
¾"	<u>N37-07_07</u> \$27.85	<u>N37-07_10</u> \$56.45	<u>N37-07_15</u> \$53.05	<u>N37-07_20</u> \$70.75	<u>N37-07_25</u> \$71.55				
1"	<u>N37-10_07</u> \$40.90	<u>N37-10_10</u> \$41.25	<u>N37-10_15</u> \$56.45	<u>N37-10_20</u> \$70.75	<u>N37-10_25</u> \$70.75				
1½"	<u>N37-15_07</u> \$49.15	<u>N37-15_10</u> \$51.20	<u>N37-15_15</u> \$42.45	<u>N37-15_20</u> \$47.20	<u>N37-15_25</u> \$49.00	<u>N37-15_30</u> \$148.60			
2"	<u>N37-20_07</u> \$71.95	<u>N37-20_10</u> \$66.70	<u>N37-20_15</u> \$60.30	<u>N37-20_20</u> \$60.30	<u>N37-20_25</u> \$68.55	<u>N37-20_30</u> \$130.00			
2½"	<u>N37-25_07</u> \$98.95	<u>N37-25_10</u> \$98.95	<u>N37-25_15</u> \$60.60	<u>N37-25_20</u> \$81.60	<u>N37-25_25</u> \$76.30	<u>N37-25_30</u> \$120.75	<u>N37-25_40</u> \$248.85	<u>N37-25_45</u> \$254.10	<u>N37-25_50</u> \$262.50
3"			<u>N37-30_15</u> \$134.40	<u>N37-30_20</u> \$136.50	<u>N37-30_25</u> \$111.95	<u>N37-30_30</u> \$106.05	<u>N37-30_40</u> \$213.00	<u>N37-30_45</u> \$255.00	<u>N37-30_50</u> \$289.00
4"					<u>N37-40_25</u> \$271.95	<u>N37-40_30</u> \$301.35	<u>N37-40_40</u> \$267.25	<u>N37-40_45</u> \$315.00	<u>N37-40_50</u> \$336.00
4½"					<u>N37-45_25</u> \$296.10	<u>N37-45_30</u> \$329.70	<u>N37-45_40</u> \$313.80	<u>N37-45_45</u> \$327.60	<u>N37-45_50</u> \$367.50
5"					<u>N37-50_25</u> \$510.30	<u>N37-50_30</u> \$511.35	<u>N37-50_40</u> \$509.25	<u>N37-50_45</u> \$536.55	<u>N37-50_50</u> \$475.15
6"					<u>N37-60_25</u> \$607.15	<u>N37-60_30</u> \$590.10	<u>N37-60_40</u> \$494.55	<u>N37-60_45</u> \$494.55	<u>N37-60_50</u> \$498.75

P

Customer Thread (*must specify*) refer to legend on page 566

- part numbers are generated using the rule:
female size to male size, e.g. if the desired part has a 3" male NPT x 2½" female NST, the part number would be N37-25F30T
- All adapters are made to approved Dixon specifications.

Aluminum Female x Male Adapters - Long Handle



Style N56

Female Thread	Aluminum Extrusion - Anodized Male Thread					
	2½"	3"	4"	4½"	5"	6"
4"	<u>N56-40_25</u> \$280.00	<u>N56-40_30</u> \$304.50	<u>N56-40_40</u> \$292.95	<u>N56-40_45</u> \$378.00	<u>N56-40_50</u> \$390.60	<u>N56-40_60</u> \$447.30
4½"	<u>N56-45_25</u> \$289.00	<u>N56-45_30</u> \$365.40	<u>N56-45_40</u> \$378.00	<u>N56-45_45</u> \$367.50	<u>N56-45_50</u> \$407.40	<u>N56-45_60</u> \$443.10
5"	<u>N56-50_25</u> \$380.10	<u>N56-50_30</u> \$433.65	<u>N56-50_40</u> \$366.45	<u>N56-50_45</u> \$397.95	<u>N56-50_50</u> \$449.40	<u>N56-50_60</u> \$498.75
6"	<u>N56-60_25</u> \$545.00	<u>N56-60_30</u> \$514.00	<u>N56-60_40</u> \$413.70	<u>N56-60_45</u> \$429.45	<u>N56-60_50</u> \$465.15	<u>N56-60_60</u> \$498.75

Customer Thread (*must specify*) refer to legend on page 566

- part numbers are generated using the rule:
female size to male size, e.g. if the desired part has a 3" male NPT x 2½" female NST, the part number would be N56-25F30T

Forged Aluminum Hydrant Adapters

Female NST (NH) Thread	Male Thread	Forged Aluminum Part #	Price	Wt. Lbs.
2½"	1½" NST (NH)	F-AHA2515F	\$42.00	0.6
2½"	1½" NPT	F-AHA2515T	42.00	0.6



Brass Female to Male Hex Nipples

Feature:

- other configurations are also available, consult Dixon for information

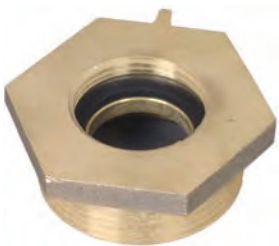
Female Thread	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
¾" GHT	1" NPT	FM7610T	\$53.35	0.3
1" NPSH	¾" GHT	FM10S76	23.40	0.2
1" NPT	¾" GHT	FM1076	20.55	0.4
1" NPT	1" NPSH	FM1010	36.60	0.5
1" NPT	1" NST (NH)	FM1010F	33.50	0.5
1" NST (NH)	1" NPT	FM10F10T	33.50	0.5
1" NPT	1½" NPSH	FM1015	65.00	0.6
1" NPT	1½" NST (NH)	FM1015F	41.75	0.6
1" NPSH	1½" NPT	FM10S15T	65.00	0.5
1½" NPT	1½" NPSH	FM1515	21.25	0.6
1½" NPT	1½" NST (NH)	FM1515F	20.60	0.7
1½" NST (NH)	1½" NPSH	FM15F15S	26.05	0.7
1½" NST (NH)	1½" NPT	FM15F15T	18.40	0.5
1½" NST (NH)	1½" NPT	FM15S15F	22.85	0.5
1½" NST (NH)	1½" NST (NH)	FM15F15F	26.05	0.5
1½" NPSH	1½" NPT	FM15S15T	22.85	0.5
1½" NPSH	2" NPT	FM15S20T	33.75	0.6
1½" NST (NH)	2" NPT	FM15F20T	37.50	0.7
1½" NPT	2½" NST (NH)	FM1525F	67.75	1.9
1½" NST (NH)	2½" NPT	FM15F25T	64.15	1.9
1½" NST (NH)	2½" NST (NH)	FM15F25F	64.15	1.8
1½" NPSH	2½" CT	FM15S25 ¹	POR	1.9
1½" NPT	2½" CT	FM15T25 ¹	POR	1.9
1½" NST (NH)	2½" CT	FM15F25 ¹	POR	1.9
1½" NST (NH)	3" NST (NH)	FM15F30F	122.60	2.9
1½" NPT	3" NST (NH)	FM1530F	80.00	2.9
2" NPSH	1½" NPSH	FM20S15	64.40	1.0
2" NPT	1½" NPSH	FM2015	89.25	0.6
2" NPSH	1½" NST	FM20S15F	64.40	1.1
2" NPT	1½" NST (NH)	FM2015F	28.15	0.6
2" NPSH	1½" NPT	FM20S15T	30.60	0.6
2" NPSH	2" NPT	FM20S20T	140.00	1.0
2" NPT	2" NPSH	FM2020	140.00	1.2
2" NPSH	2½" NPT	FM20S25T	55.70	1.5
2" NPSH	2½" CT	FM20S25 ¹	POR	1.5
2" NPSH	2½" NST (NH)	FM20S25F	91.10	1.8
2" NPT	2½" CT	FM20T25 ¹	POR	1.5
2" NPT	2½" NST (NH)	FM2025F	81.40	1.5
2½" CT	¾" NPSH	FM25 ¹ _76	POR	1.3
2½" CT	¾" NPT	FM25 ¹ _75T	POR	1.3
2½" NST (NH)	¾" NPT	FM25F75T	144.55	1.8
2½" CT	1" NPT	FM25 ¹ _10T	POR	1.4
2½" NST (NH)	1" NPT	FM25F10T	138.05	1.6
2½" NPT	1½" NST (NH)	FM2515F	139.00	1.9
2½" NST (NH)	1½" NST (NH)	FM25F15F	80.05	1.7
2½" NST (NH)	1½" NPT	FM25F15T	80.05	1.7
2½" CT	1½" NPSH	FM25 ¹ _15S	POR	1.9
2½" CT	1½" NPT	FM25 ¹ _15T	POR	1.9
2½" NST (NH)	2" NPT	FM25F20T	52.05	1.7
2½" CT	2" NPT	FM25 ¹ _20T	POR	1.9
2½" NPT	2½" NPSH	FM2525	63.15	1.4
2½" NPT	2½" NST (NH)	FM2525F	52.65	1.6



reducer



same size



increaser

P

• table continued on next page

¹ Customer Thread (must specify) refer to legend on page 566

• All adapters are made to approved Dixon specifications.

Brass Female to Male Hex Nipples

Table continued from previous page

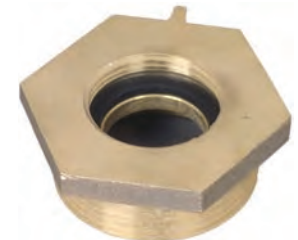
Female Thread	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
2½" NST (NH)	2½" NST (NH)	FM25F25F	\$62.15	1.9
2½" NST (NH)	2½" NPT	FM25F25T	53.80	1.7
2½" NPT	2½" NPT	FM2525T	100.00	1.4
2½" NST (NH)	2½" NPSH	FM25F25S	144.55	1.4
2½" NPSH	2½" CT	FM25S25 ¹	POR	1.4
2½" NPT	2½" CT	FM25T25 ¹	POR	1.4
2½" CT	2½" NPSH	FM25 25S ¹	POR	1.4
2½" CT	2½" NPT	FM25 25T ¹	POR	1.4
2½" NPSH	2½" NST (NH)	FM25S25F	62.15	1.4
2½" NPSH	2½" NPT	FM25S25T	62.15	1.6
2½" CT	3" NPT	FM25 30T ¹	POR	1.9
2½" NST (NH)	3" NST (NH)	FM25F30F	89.80	1.6
2½" NST (NH)	3" NPT	FM25F30T	89.80	1.7
3" NPT	2½" NST (NH)	FM3025F	86.05	2.3
3" NST (NH)	2½" NST (NH)	FM30F25F	98.85	1.6
3" NST (NH)	2½" NPT	FM30F25T	98.85	2.2
3" NPT	2½" NPT	FM3025T	98.85	2.1
3" NPSH	2½"	FM30S25F	201.20	1.9
3" NPSH	2½" CT	FM30S25 ¹	POR	2.3
3" NPT	2½" CT	FM30T25 ¹	POR	2.3
3" NPT	2½" CT	FM30F25 ¹	POR	2.3
3" NST (NH)	3" NPT	FM30F30T	144.65	3.4
3" NPT	3" NST (NH)	FM3030F	144.65	2.5
4" NPT	2½" NST (NH)	FM4025F	387.30	6.6
4" NPT	2½" CT	FM40T25 ¹	POR	6.7
4" NPSH	2½" CT	FM40S25 ¹	POR	6.7
4" NPT	2½" CT	FM40F25 ¹	POR	6.7
4" NPT	4" NST (NH)	FM4040F	366.40	6.9
4" NST (NH)	4" NPT	FM40F40T	287.40	6.5
4" NPT	4½" NST (NH)	FM4045F	273.55	7.6
4½" NST (NH)	4" NPT	FM45F40T	454.25	6.1
6" NPT	6" NST (NH)	FM6060F	618.00	10.6
6" NST (NH)	6" NPT	FM60F60T	618.00	10.6



reducer



same size



increaser

¹ Customer Thread (*must specify*) refer to legend on page 566

- All adapters are made to approved Dixon specifications.

Brass Hydrant Adapters - Pin Lugs (New York Threads)



reducer



same size



increaser

Feature:

- other configurations are also available, consult Dixon for information

Female NYFD	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
1½"	¾" GHT	HA15NYFD76	\$46.85	.56
1½"	1½" NPT	HA15NYFD15T	107.55	.75
2½"	¾" NPT	HA25NYFD75T	107.55	.90
2½"	¾" GHT	HA25NYFD76	34.15	.90
2½"	1½" NPSH	HA25NYFD15S	39.75	1.36
2½"	1½" NST (NH)	HA25NYFD15F	39.75	1.05
2½"	1½" NPT	HA25NYFD15T	129.15	1.36
2½"	1½" NYFD	HA25NYFD15NYFD	39.75	1.00
2½"	2" NPT	HA25NYFD20T	35.75	.95
2½"	2½" NST (NH)	HA25NYFD25F	58.90	1.67

Female NYC	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
2½"	¾" NPT	HA25NYC75T	\$77.05	1.6
2½"	¾" GHT	HA25NYC76	77.05	.92
2½"	1" NPT	HA25NYC10T	77.90	1.45
2½"	1½" NPT	HA25NYC15T	129.15	1.0
2½"	1½" NST (NH)	HA25NYC15F	129.15	1.0
2½"	2" NPT	HA25NYC20T	35.75	1.10

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI

Brass Hazmat Adapters - Pin Lugs



Feature:

- divides single stream into double stream

Female NST	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
1½"	(2) GHT	HHA1576	\$47.70	.83
2½"	(2) GHT	HHA2576	56.45	1.26

P

- All adapters are made to approved Dixon specifications.

Brass Female to Male Hex Nipples (New York Threads)

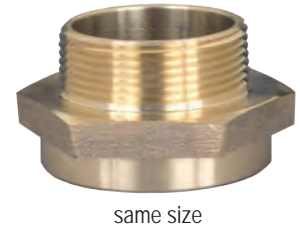
Feature:

- other configurations are also available, consult Dixon for information

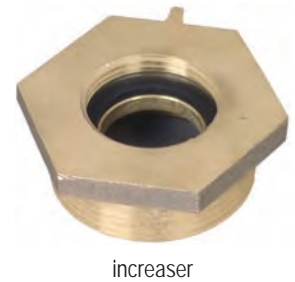
Female	Male	Cast Brass Part #	Price	Wt. Lbs.
1½" NPT	1½" NYFD	FM1515NYFD	\$32.00	0.6
1½" NST (NH)	1½" NYFD	FM15F15NYFD	32.00	0.6
1½" NYFD	1½" NST (NH)	FM15NYFD15F	32.00	0.6
1½" NYFD	1½" NPT	FM15NYFD15T	32.00	0.6



Female	Male	Cast Brass Part #	Price	Wt. Lbs.
2½" NPT	2½" NYC	FM2525NYC	\$136.00	1.5
2½" NPT	2½" NYFD	FM2525NYFD	65.00	1.5
2½" NST (NH)	2½" NYC	FM25F25NYC	136.00	1.5
2½" NST (NH)	2½" NYFD	FM25F25NYFD	136.00	1.5
2½" NYC	2½" NST (NH)	FM25NYC25F	142.05	1.5
2½" NYC	2½" NPT	FM25NYC25T	153.15	1.5
2½" NYFD	2½" NST (NH)	FM25NYFD25F	67.30	1.5
2½" NYFD	2½" NPT	FM25NYFD25T	136.00	1.5
2½" NYFD	2½" NYFD	FM25NYFD25NYFD	136.00	1.5



Female	Male	Cast Brass Part #	Price	Wt. Lbs.
2½" NYFD	1½" NPT	FM25NYFD15T	\$120.00	1.55
2½" NYFD	2" NPT	FM25NYFD20T	83.40	1.55
2½" NYFD	3" NYFD	FM25NYFD30NYFD	142.00	1.65
2½" NYFD	3" NPT	FM25NYFD30T	142.00	1.65



- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI

- All adapters are made to approved Dixon specifications.

Domestic Brass Hydrant Adapters - Pin Lug



Feature:

- other configurations are also available, consult Dixon for information

Female Thread	Male Thread	Cast Brass Part #	Price
1½" NST (NH)	¾" GHT	HA1576-D	\$46.85
2½" NST (NH)	1" NPT	HA2510T-D	118.20
2½" NST (NH)	1½" NST (NH)	HA2515F-D	109.60
2½" NST (NH)	1½" NPT	HA2515T-D	109.60
2½" NST (NH)	¾" GHT	HA2576-D	77.05

Domestic Brass Female to Male Hex Nipples



reducer



same size

Feature:

- other configurations are also available, consult Dixon for information

Female Thread	Male Thread	Cast Brass Part #	Price
1" NPT	1½" NST (NH)	FM1015F-D	\$71.10
1½" NPT	1½" NST (NH)	FM1515F-D	72.55
1½" NPT	2½" NST (NH)	FM1525F-D	92.40
1½" NST (NH)	1½" NPSH	FM15F15S-D	72.55
1½" NST (NH)	1½" NPT	FM15F15T-D	72.55
1½" NST (NH)	2½" NST (NH)	FM15F25F-D	128.75
1½" NPSH	1½" NST (NH)	FM15S15F-D	72.55
1½" NPSH	1½" NPT	FM15S15T-D	72.55
2" NPT	1½" NST (NH)	FM2015F-D	89.25
2½" NPT	2½" NST (NH)	FM2525F-D	126.40
2½" NST (NH)	1½" NST (NH)	FM25F15F-D	128.20
2½" NST (NH)	1½" NPT	FM25F15T-D	128.20
2½" NST (NH)	2½" NPT	FM25F25T-D	126.40

Polycarbonate Hydrant Adapters - Rocker Lug

Features:

- use with water
- maximum working pressure: **100 PSI** at 70°F (21°C)



P

Female Thread	Male Thread	Cast Brass Part #	Price	Wt. Lbs.
1½" NPSH	1½" NST (NH)	POLYHA15S15F	\$15.10	0.12
2½" NST (NH)	¾" GHT	POLYHA2576	18.30	0.20
2½" NST (NH)	1½" NPSH	POLYHA2515	22.00	0.22
2½" NST (NH)	1½" NST (NH)	POLYHA2515F	22.00	0.22
2½" NST (NH)	2" NPT	POLYHA2520T	18.30	0.24

- All adapters are made to approved Dixon specifications.

Brass Double Female Swivels Pin Lug

Female NPSH	Female NPSH	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DFP1515	\$86.25	1.4
2½"	2½"	DFP2525	190.70	4.5

Female NST (NH)	Female NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DFP1515F	\$80.90	1.3
2½"	2½"	DFP2525F	175.10	4.1

Female NST (NH)	Female NPSH	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DFP15F15S	\$86.25	1.2
2½"	2½"	DFP25F25S	190.70	4.5

Female NYFD	Female NYFD	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DFP15NYFD15NYFD	\$143.25	1.4
2½"	2½"	DFP25NYFD25NYFD	306.45	4.1

Female CT	Female Thread	Cast Brass Part #	Price	Wt. Lbs.
2½"	2½" NPSH	DFP25_25S ¹	POR	4.5
2½"	2½" CT	DFP25_25_ ¹	POR	4.5

¹ Customer Thread (*must specify*) refer to legend on page 566



Rocker Lug

Female NPSH	Female NPSH	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DFR1515	\$86.25	1.2
2½"	2½"	DFR2525	183.05	4.5

Female NST (NH)	Female NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	DFR1515F	\$86.25	1.2
2½"	2½"	DFR2525F	183.05	4.5



P

Domestic Brass Double Female Swivels - Pin Lug

Female Thread	Female Thread	Cast Brass Part #	Price
1½" NST (NH)	1½" NST (NH)	DFP1515F-D	\$215.00
2½" NST (NH)	2½" NST (NH)	DFP2525F-D	265.00



- All adapters are made to approved Dixon specifications.

Aluminum Double Swivel Female Adapters - Rocker Lug



Style N35

Feature:

- other configurations are also available, consult Dixon for information

Female Swivel Thread	Aluminum Extrusion, Anodized Female Swivel Thread								
	1"	1½"	2"	2½"	3"	4"	4½"	5"	6"
1"	<u>N35-10_10</u> \$56.00	<u>N35-10_15</u> \$72.00							
1½"		<u>N35-15_15</u> \$63.70	<u>N35-15_20</u> \$79.00	<u>N35-15_25</u> \$94.50					
2"			<u>N35-20_20</u> \$73.00	<u>N35-20_25</u> \$77.00					
2½"				<u>N35-25_25</u> \$110.55	<u>N35-25_30</u> \$203.20				
3"					<u>N35-30_30</u> \$168.65	<u>N35-30_40</u> \$324.55	<u>N35-30_45</u> \$372.30	<u>N35-30_50</u> \$460.60	<u>N35-30_60</u> \$675.35
4"						<u>N35-40_40</u> \$350.80	<u>N35-40_45</u> \$348.45	<u>N35-40_50</u> \$529.80	<u>N35-40_60</u> \$649.10
4½"							<u>N35-45_45</u> \$312.65	<u>N35-45_50</u> \$513.10	<u>N35-45_60</u> \$658.65
5"								<u>N35-50_50</u> \$539.35	<u>N35-50_60</u> \$591.85
6"									<u>N35-60_60</u> \$534.55

P

____ Customer Thread (*must specify*) refer to legend on page 566

- part numbers are generated using the rules:
smallest size to largest size, if it's the same size on both threads then we use pipe thread to fire thread size, e.g. if the desired part has a:
 - 3" NPS x 2½" NST the part number would be N35-25F30S
 - 3" NST x 3" NPS the part number would be N35-30S30F

Aluminum Double Female Swivel Adapters - Long Handle



Style N57

Female Swivel Thread	Aluminum Extrusion, Anodized Female Swivel Thread					
	2½"	3"	4"	4½"	5"	6"
2½"	N57-25_25 \$204.75	N57-25_30 \$245.70	N57-25_40 \$302.40	N57-25_45 \$285.60	N57-25_50 \$346.50	N57-25_60 \$466.00
3"		N57-30_30 \$236.25	N57-30_40 \$320.25	N57-30_45 \$324.45	N57-30_50 \$346.50	N57-30_60 \$434.90
4"			N57-40_40 \$349.65	N57-40_45 \$357.00	N57-40_50 \$385.35	N57-40_60 \$441.00
4½"				N57-45_45 \$385.35	N57-45_50 \$404.25	N57-45_60 \$457.00
5"					N57-50_50 \$456.75	N57-50_60 \$488.25
6"						N57-60_60 \$494.55

___Customer Thread (must specify) refer to legend on page 566

- part numbers are generated using the rules:
smallest size to largest size, if it's the same size on both threads then we use pipe thread to fire thread size, e.g. if the desired part has a:
1) 3" NPS x 2½" NST the part number would be N57-25F30S
2) 3" NST x 3" NPS the part number would be N57-30S30F

P

Forged Aluminum Double Female Swivels - Rocker Lug

Female NST (NH) Thread	Female NST (NH) Thread	Forged Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	F-ADFR1515F	\$47.00	0.60
2½"	2½"	F-ADFR2525F	90.70	1.45

Female NPSH Thread	Female NPSH Thread	Forged Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	F-ADFR1515	\$47.00	0.60
2½"	2½"	F-ADFR2525	90.70	1.45



(Open Snoot) Brass Female Swivel Adapters - Pin Lug

23-270

Features:

- double female rigid hexagon to swivel connection, rigid end thread is always NPT, hose thread is on swivel end
- finishes: -P polished, -C polished chrome plated
- other configurations are also available, consult Dixon for information



Female Swivel Thread	Female Rigid Thread	Cast Brass Part #	Price	Wt. Lbs.
1½" NST (NH)	1½" NPT	SF150F	\$91.70	1.0
1½" NPSH	1½" NPT	SF150S	123.60	1.0
2½" NST (NH)	1½" NPT	SF25F15T	225.30	3.6
2½" CT ¹	1½" NPT	SF25__15T¹	POR	3.6
2½" NST (NH)	2" NPT	SF25F20T	160.30	2.8
2½" NYFD	2" NPT	SF25NYFD20T	186.30	2.8
2½" CT	2" NPT	SF25__20T¹	POR	2.8
2½" CT	2½" CT ¹	SF25__25__¹	POR	2.8
2½" NYFD	2½" NPT	SF250NYFD	181.30	2.9
2½" NST (NH)	2½" NPT	SF250F	107.60	2.9
2½" NST (NH)	2½" NPT	SF250F-P	136.00	2.8
2½" NST (NH)	2½" NPT	SF250F-C	149.85	2.9
2½" NPSH	2½" NPT	SF250S	181.30	2.9
2½" CT	2½" NPT	SF25__25T¹	POR	2.9
2½" NST (NH)	3" NPT	SF25F30T	167.65	3.9
2½" NYFD	3" NPT	SF25NYFD30T	226.40	3.9
2½" CT	3" NPT	SF25__30T¹	POR	3.9
3" NST (NH)	3" NPT	SF300F	292.55	4.6
3" NST (NH)	3" NPT	SF300F-P	332.70	4.6
3" NST (NH)	3" NPT	SF300F-C	350.20	4.6
3" NYFD	3" NPT	SF300NYFD	180.40	4.0
3" NYFD	3" NPT	SF300NYFD-C	267.80	4.3
3" NYFD	3" NPT	SF300NYFD-P	209.00	4.3
4" NST (NH)	4" NPT	SF400F	643.20	10.0

¹ Customer Thread (*must specify*) refer to legend on page 566

(Open Snoot) Female Swivel Adapters - Rocker Lug

23-270

Feature:

- other configurations are also available, consult Dixon for information



Female Threads	Female Threads	Cast Brass Part #	Price	Wt. Lbs.
1½" NST (NH)	1½" NPT	RSF150F	\$91.70	1.0
2½" NST (NH)	1½" NPT	RSF25F15T	262.65	4.9
2½" CT	1½" NPT	RSF25__15T¹	POR	4.9
2½" NST (NH)	2" NPT	RSF25F20T	160.30	3.7
2½" CT	2" NPT	RSF25__20T¹	POR	3.7
2½" NST (NH)	2½" NPT	RSF250F	149.25	3.8
2½" CT	2½" NPT	RSF25__25T¹	POR	3.8
2½" CT	2½" CT	RSF25__25__¹	POR	3.8
2½" NST (NH)	3" NPT	RSF25F30T	272.60	4.7
2½" CT	3" NPT	RSF25__30T¹	POR	4.7

- All adapters are made to approved Dixon specifications.

Aluminum Swivel Female x Rigid Female Adapters - Rocker Lug



Style N53

Female Swivel Thread	Aluminum Extrusion, Anodized Female Rigid Thread							
	1½"	2"	2½"	3"	4"	4½"	5"	6"
1½"	<u>N53-15_15</u> \$64.80	<u>N53-15_20</u> \$73.65	<u>N53-15_25</u> \$92.00					
2"	<u>N53-20_15</u> \$79.00	<u>N53-20_20</u> \$77.45	<u>N53-20_25</u> \$120.00					
2½"	<u>N53-25_15</u> \$139.65	<u>N53-25_20</u> \$149.30	<u>N53-25_25</u> \$162.20	<u>N53-25_30</u> \$173.20	<u>N53-25_40</u> \$229.15	<u>N53-25_45</u> \$284.55	<u>N53-25_50</u> \$490.00	<u>N53-25_60</u> \$594.00
3"			<u>N53-30_25</u> \$212.10	<u>N53-30_30</u> \$222.60	<u>N53-30_40</u> \$339.00	<u>N53-30_45</u> \$365.00	<u>N53-30_50</u> \$430.00	<u>N53-30_60</u> \$591.00
4"			<u>N53-40_25</u> \$301.35	<u>N53-40_30</u> \$359.10	<u>N53-40_40</u> \$407.30	<u>N53-40_45</u> \$452.55	<u>N53-40_50</u> \$584.00	<u>N53-40_60</u> \$610.00
4½"			<u>N53-45_25</u> \$379.05	<u>N53-45_30</u> \$408.45	<u>N53-45_40</u> \$432.80	<u>N53-45_45</u> \$435.75	<u>N53-45_50</u> \$542.00	<u>N53-45_60</u> \$607.00
5"			<u>N53-50_25</u> \$428.40	<u>N53-50_30</u> \$434.70	<u>N53-50_40</u> \$507.15	<u>N53-50_45</u> \$540.00	<u>N53-50_50</u> \$607.00	<u>N53-50_60</u> \$594.00
6"			<u>N53-60_25</u> \$727.65	<u>N53-60_30</u> \$768.60	<u>N53-60_40</u> \$704.55	<u>N53-60_45</u> \$761.65	<u>N53-60_50</u> \$720.30	<u>N53-60_60</u> \$761.30

P

___ Customer Thread (*must specify*) refer to legend on page 566

- part numbers are generated using the rule:
swivel size to rigid size, e.g. if the desired part has a 3" NPS rigid x 2½" swivel the part number would be N53-25F30S

Domestic Brass Adapters - Hex Nipples

Swivel x Female


Feature:

- other configurations are also available, consult Dixon for information

Female NST (NH) Swivel	Female Rigid NPT	Cast Brass Part #	Price
1½"	1½"	SF150F-D	\$115.85
2½"	2½"	SF250F-D	157.65
2½"	2"	SF25F20T-D	194.30

Brass Double Female Hex Adapters

Feature:

- other configurations are also available, consult Dixon for information

Female Thread	Female NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
1½" NPT	1½"	FFH1515F	\$26.20	0.8
2½" NPT	2½"	FFH2525F	59.75	1.9
1½" NST (NH)	1½"	FFH15F15F	26.20	0.7
2½" NST (NH)	2½"	FFH25F25F	59.75	1.6



Female Thread	Female NYFD	Cast Brass Part #	Price	Wt. Lbs.
1½" NYFD	1½"	FFH15NYFD15NYFD	\$87.45	0.8
1½" NPT	1½"	FFH1515NYFD	87.45	1.0
2½" NPT	2½"	FFH2525NYFD	120.00	1.6

Female Thread	Female Thread	Cast Brass Part #	Price	Wt. Lbs.
1½" NPT	1½" NPSH	FFH15T15S	\$26.20	0.8
2½" CT	2½" CT	FFH25__25__ ¹	POR	1.6
2½" NPT	2½" CT	FFH25T25__	POR	1.6

¹ Customer Thread (*must specify*) refer to legend on page 566

Brass Female Swivel to Male Adapters Pin Lug

Female NST (NH)	Male NPT	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	SM150F	\$74.30	1.0
2½"	1½"	SM25F15T	159.40	3.6
2½"	2"	SM25F20T	150.40	2.7
2½"	2½"	SM250F	94.15	2.8
2½"	3"	SM25F30T	179.55	3.0
4"	4"	SM400F	574.25	9.0

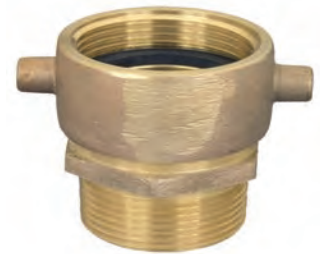
Female NPSH	Male NPT	Cast Brass Part #	Price	Wt. Lbs.
1½"	1½"	SM150S	\$93.30	0.1
2"	2"	SM200S	141.60	0.1
2½"	2½"	SM250S	185.40	0.1

Female	Male NST (NH)	Cast Brass Part #	Price	Wt. Lbs.
1½" NPSH	1½"	SM15S15F	\$166.10	1.0
2½" NST (NH)	3"	SM25F30F	271.10	3.0

Female CT	Male NPT	Cast Brass Part #	Price	Wt. Lbs.
2½"	1½"	SM25__15T¹	POR	1.0
2½"	2"	SM25__20T¹	POR	2.7
2½"	2½"	SM250__¹	POR	2.8
2½"	3"	SM25__30T¹	POR	3.0

¹ Customer Thread (*must specify*) refer to legend on page 566

Female	Male NPT	Cast Brass Part #	Price	Wt. Lbs.
1½" NYFD	1½"	SM150NYFD	\$130.85	1.0
2½" NYC	2½"	SM250NYC	185.40	2.8
2½" NYFD	2½"	SM250NYFD	190.95	2.8



Rocker Lug

Female Thread	Male NPT	Cast Brass Part #	Price	Wt. Lbs.
1½" NST (NH)	1½"	RSM150F	\$93.30	0.9
1½" NST (NH)	1½"	RSM150S	90.70	1.1
2½" CT	1½"	RSM25__15T¹	POR	3.0
2½" NST (NH)	2"	RSM25F20T	150.40	3.2
2½" CT	2"	RSM25__20T¹	POR	3.2
2½" NST (NH)	2½"	RSM250F	108.15	3.2
2½" CT	2½"	RSM25__25T¹	POR	3.2
2½" NST (NH)	3"	RSM25F30T	179.55	4.3
2½" CT	3"	RSM25__30T¹	POR	4.1

¹ Customer Thread (*must specify*) refer to legend on page 566



P

- All adapters are made to approved Dixon specifications.

Aluminum Female Swivel to Male Adapters - Rocker Lug



Style N54

Female Swivel Thread	Aluminum Extrusion, Anodized Male Thread							
	1½"	2"	2½"	3"	4"	4½"	5"	6"
1½"	<u>N54-15_15</u> \$74.35	<u>N54-15_20</u> \$78.90	<u>N54-15_25</u> \$86.45					
2"	<u>N54-20_15</u> \$78.90	<u>N54-20_20</u> \$85.30	<u>N54-20_25</u> \$118.00					
2½"	<u>N54-25_15</u> \$83.85	<u>N54-25_20</u> \$134.30	<u>N54-25_25</u> \$155.85	<u>N54-25_30</u> \$210.10	<u>N54-25_40</u> \$219.45	<u>N54-25_45</u> \$270.90	<u>N54-25_50</u> \$471.00	<u>N54-25_60</u> \$571.00
3"			<u>N54-30_25</u> \$213.15	<u>N54-30_30</u> \$200.55	<u>N54-30_40</u> \$318.00	<u>N54-30_45</u> \$351.00	<u>N54-30_50</u> \$443.00	<u>N54-30_60</u> \$540.00
4"			<u>N54-40_25</u> \$380.10	<u>N54-40_30</u> \$394.80	<u>N54-40_40</u> \$421.35	<u>N54-40_45</u> \$458.85	<u>N54-40_50</u> \$558.00	<u>N54-40_60</u> \$568.00
4½"			<u>N54-45_25</u> \$548.10	<u>N54-45_30</u> \$575.40	<u>N54-45_40</u> \$603.75	<u>N54-45_45</u> \$603.75	<u>N54-45_50</u> \$706.65	<u>N54-45_60</u> \$772.80
5"			<u>N54-50_25</u> \$595.35	<u>N54-50_30</u> \$599.55	<u>N54-50_40</u> \$675.15	<u>N54-50_45</u> \$708.75	<u>N54-50_50</u> \$749.70	<u>N54-50_60</u> \$733.95
6"			<u>N54-60_25</u> \$752.85	<u>N54-60_30</u> \$801.15	<u>N54-60_40</u> \$702.45	<u>N54-60_45</u> \$762.30	<u>N54-60_50</u> \$741.30	<u>N54-60_60</u> \$777.00

P

____ Customer Thread (must specify) refer to legend on page 566

- part numbers are generated using the rule:
swivel female size to male size, e.g. if the desired part has a 3" NPS female swivel x 2½" NST male, the part number would be N54-30S25F

Brass Female Rocker Lug - Suction with Screens

Feature:

- suction intake with strainer screen

Female Thread	Female NPT	Cast Brass Part #	Price	Wt. Lbs.
2½" NST (NH)	1½"	RSFSA25F15T	\$360.75	3.2
2½" NST (NH)	2"	RSFSA25F20T	360.75	2.7
2½" NST (NH)	2½"	RSFSA250F	345.50	3.2
2½" NST (NH)	3"	RSFSA25F30T	398.55	4.3

Female CT	Female NPT	Cast Brass Part #	Price	Wt. Lbs.
2½"	1½"	RSFSA25 15T¹	POR	3.2
2½"	2"	RSFSA25 20T¹	POR	2.7
2½"	2½"	RSFSA25 25T¹	POR	3.2
2½"	3"	RSFSA25 30T¹	POR	4.3

¹ Customer Thread (*must specify*) refer to legend on page 566



Brass Male Rocker Lug - Suction with Screen

Feature:

- suction intake with strainer screen

Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #	Price	Wt. Lbs.
2½"	1½"	RSMSA25F15T	\$322.20	3.03
2½"	2"	RSMSA25F20T	337.20	3.28
2½"	2½"	RSMSA250F	340.80	3.06
2½"	3"	RSMSA25F30T	382.60	4.23

Female CT	Male NPT Thread	Cast Brass Part #	Price	Wt. Lbs.
2½"	1½"	RSMSA25 15T¹	POR	3.03
2½"	2"	RSMSA25 20T¹	POR	3.28
2½"	2½"	RSMSA25 25T¹	POR	3.06
2½"	3"	RSMSA25 30T¹	POR	4.23

¹ Customer Thread (*must specify*) refer to legend on page 566



Aluminum Female Swivel to Male Adapters - Long Handle



Style N54L

Female Swivel Thread	Aluminum Extrusion, Anodized Male Thread					
	2½"	3"	4"	4½"	5"	6"
2½"	N54L-25_25_ \$190.05	N54L-25_30_ \$246.75	N54L-25_40_ \$296.10	N54L-25_45_ \$383.25	N54L-25_50_ \$619.50	N54L-25_60_ \$796.95
3"	N54L-30_25_ \$249.90	N54L-30_30_ \$228.90	N54L-30_40_ \$467.25	N54L-30_45_ \$502.95	N54L-30_50_ \$623.70	N54L-30_60_ \$743.40
4"	N54L-40_25_ \$351.75	N54L-40_30_ \$619.50	N54L-40_40_ \$510.30	N54L-40_45_ \$596.40	N54L-40_50_ \$790.65	N54L-40_60_ \$779.10
4½"	N54L-45_25_ \$407.40	N54L-45_30_ \$485.10	N54L-45_40_ \$532.35	N54L-45_45_ \$543.90	N54L-45_50_ \$764.40	N54L-45_60_ \$899.85
5"	N54L-50_25_ \$625.80	N54L-50_30_ \$536.55	N54L-50_40_ \$683.55	N54L-50_45_ \$759.15	N54L-50_50_ \$855.75	N54L-50_60_ \$857.85
6"	N54L-60_25_ \$855.75	N54L-60_30_ \$911.40	N54L-60_40_ \$768.60	N54L-60_45_ \$917.70	N54L-60_50_ \$852.60	N54L-60_60_ \$899.85

___ Customer Thread (*must specify*) refer to legend on page 566

- part numbers are generated using the rule:
swivel female size to male size, e.g. if the desired part has a 3" NPS female swivel x 2½" NST male, the part number would be N54L-30S25F

P

Domestic Brass Adapters - Hex Nipples

Swivel x Male



Female NST Swivel	Male NPT	Brass Part #	Price
1½"	1½"	SM150F-D	\$108.35
2½"	2½"	SM250F-D	185.40
2½"	2"	SM25F20T-D	195.75
2½"	3"	SM25F30T-D	350.20

British Instantaneous Fittings

Features:

- polished finish
- meets BS336 specifications

Adapters

British Instantaneous female x female threads

Size		Brass Part #	Weight	Price/E
Female	Female			
2½" BRIT	2½" NST (NH)	BID250F	3 lbs. 10 ozs.	\$139.00
2½" BRIT	2½" NPSH	BID250S		139.00
2½" BRIT	2½" NPT	BID250T		139.00
2½" BRIT	2½" BSP	BID250B		139.00



British Instantaneous female x male threads

Size		Brass Part #	Weight	Price/E
Female	Male			
2½" BRIT	2½" NST (NH)	BIB250F	3 lbs. 5 ozs	\$129.00
2½" BRIT	2½" NPSH	BIB250S		129.00
2½" BRIT	2½" NPT	BIB250T		129.00
2½" BRIT	2½" BSP	BIB250B		129.00



British Instantaneous male x female threads

Size		Brass Part #	Weight	Price/E
Male	Female			
2½" BRIT	2½" NST (NH)	BIA250F	2 lbs. 9 ozs.	\$102.00
2½" BRIT	2½" NPSH	BIA250S		102.00
2½" BRIT	2½" NPT	BIA250T		102.00
2½" BRIT	2½" BSP	BIA250B		102.00



British Instantaneous male x male threads

Size		Brass Part #	Weight	Price/E
Male	Male			
2½" BRIT	2½" NST (NH)	BIF250F	2 lbs. 5 ozs.	\$97.95
2½" BRIT	2½" NPSH	BIF250S		97.95
2½" BRIT	2½" NPT	BIF250T		97.95
2½" BRIT	2½" BSP	BIF250B		97.95



Plug

Size	Brass Part #	Weight	Price/E
2½"	BIDP250	1 lb. 13 ozs.	\$61.65



P

Cap

Size	Brass Part #	Weight	Price/E
2½"	BIDC250	3 lbs. 8 ozs.	\$126.00



Hose Shanks

Size	Brass Part #	Weight	Price/E
2½" male BRIT x 1½" hose shank	BIE150	2 lbs. 11 ozs.	\$118.00
2½" female BRIT x 1½" hose shank	BIC150	3 lbs. 12 ozs.	130.00



Screw Pitch Gauge



Features:

- used to determine threads per inch
- 30 leaves

<i>Stainless Steel</i> Part #	Price	Wt. Lbs.
TPG	\$176.55	.35

Long Handle Short Shank Suction Hose Females



Features:

- powder coated aluminum swivel nut
- for suction and low pressure discharge only

Female Swivel NST (NH)	Hose Size	Part #	Price	Wt. Lbs.
4"	4"	LHFS400F	\$140.00	3.0
4½"	4"	LHFS4045F	244.55	3.4

Cam and Groove Adapters - Pin Lug



Features:

- pin lugs allow for easy connection using standard spanner and hydrant wrenches
- supplied with Buna-N washer in the threaded end
- see page 621 for lug wrenches

Female NST (NH)	Male Adapter	<i>Aluminum</i> Part #	Price	Wt. Lbs.
1½"	1½"	AHA1515ADP	\$56.05	0.5
2½"	2½"	AHA2525ADP	52.50	0.6



Female NST (NH)	Male Adapter	<i>Brass</i> Part #	Price	Wt. Lbs.
1½"	1½"	HA1515ADP	\$75.50	0.8
2½"	2½"	HA2525ADP	83.30	2.0

P

Cam and Groove x NST (NH) Adapters

NEW 2014**Features:**

- powder coated aluminum swivel nut
- for suction and low pressure discharge only

Type D

Type D Coupler	Female NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	G150-D-ALNST	\$85.40	3.0
2"	2½"	2025-D-ALNST	110.10	3.4
2½"	2½"	G250-D-ALNST	115.40	3.4
3"	2½"	3025-D-ALNST	118.30	3.4



Type A

Type A Adapter	Female NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	G150-A-ALNST	\$76.15	3.0
2½"	2½"	G250-A-ALNST	102.15	3.4
3"	2½"	3025-A-ALNST	103.05	3.4



Type B

Type B Coupler	Male NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	G150-B-ALNST	\$75.75	3.0
2"	1½"	2015-B-ALNST	86.30	3.4
2½"	2½"	G250-B-ALNST	103.75	3.4
3"	2½"	3025-B-ALNST	139.50	3.4



Type F

Type F Adapter	Male NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	G150-F-ALNST	\$66.45	3.0
2"	2½"	2025-F-ALNST	91.80	3.4
2½"	2½"	G250-F-ALNST	90.50	3.4
3"	2½"	3025-F-ALNST	124.20	3.4



- other sizes, configurations and materials available, contact Dixon for information

P

Dixon Northline Storz Fittings



FSA-Storz x Rigid Female

Features:

- designed to be used where ever a non-valved, locking coupling is required
- machined from forged 6061 - T6 aluminum
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Female Rigid Thread								
	1"	1½"	2"	2½"	3"	4"	4½"	5"	6"
1"	FSA1010 \$107.10								
1½"	FSA1510 \$110.25	FSA1515 \$123.90		FSA1525 \$130.20					
2"		FSA2015 \$136.50	FSA2020 \$112.50	FSA2025 \$123.90					
2½"		FSA2515 \$117.60	FSA2520 \$126.00	FSA2525 \$131.25	FSA2530 \$112.00				
3"			FSA3020 \$136.50	FSA3025 \$136.50	FSA3030 \$149.10				
4"				FSA4025 \$273.00	FSA4030 \$383.25	FSA4040 \$395.85	FSA4045 \$378.00	FSA4050 \$393.75	FSA4060 \$393.75
5"				FSA5025 \$443.10	FSA5030 \$443.10	FSA5040 \$395.85	FSA5045 \$487.50	FSA5050 \$500.85	FSA5060 \$543.90
6"						FSA6040 \$720.00	FSA6045 \$730.00	FSA6050 \$730.00	FSA6060 \$740.25

P

___ Customer Thread (*must specify*) refer to legend on page 566

Dixon Northline Storz Fittings



SFSA - Storz x Swivel Female Adapter - Rocker Lug / Long Handle

Features:

- machined from forged 6061 - T6 aluminum
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Female Swivel Thread					
	2½"	3"	4"	4½"	5"	6"
2½"	SFSA2525_ \$158.55					
3"	SFSA3025_ \$192.15	SFSA3030_ \$254.10				
4"	SFSA4025_ \$264.60	SFSA4030_ \$294.00	SFSA4040_ \$351.75	SFSA4045_ \$381.15	SFSA4050_ \$431.55	SFSA4060_ \$451.50
5"	SFSA5025_ \$353.85	SFSA5030_ \$402.15	SFSA5040_ \$379.05	SFSA5045_ \$382.20	SFSA5050_ \$435.75	SFSA5060_ \$455.70
6"			SFSA6040_ \$480.90	SFSA6045_ \$589.05	SFSA6050_ \$589.05	SFSA6060_ \$589.05

___Customer Thread (*must specify*) refer to legend on page 566

Long Handle - LH suffix

Rocker Lug - furnished standard



Dixon Northline Storz Fittings

NCS-CSF - 150 lbs. Carbon Steel Flange x Storz



Storz	150# Flange	Carbon Steel Part #	Price
5"	4"	NCS-CSF-STZ450	\$455.00
6"	4"	NCS-CSF-STZ460	455.00
4"	5"	NCS-CSF-STZ540	465.00
5"	5"	NCS-CSF-STZ550	465.00
6"	5"	NCS-CSF-STZ560	465.00
4"	6"	NCS-CSF-STZ640	495.00
5"	6"	NCS-CSF-STZ650	495.00
6"	6"	NCS-CSF-STZ660	495.00

NCS-CSF - 150 lbs. Carbon Steel Flange x Storz with Cap

NEW 2014



Storz	150# Flange	Carbon Steel Part #	Price
5"	6"	NCS-CSF-STZ650C	\$629.00

MSA - Storz x Rigid Male



Storz Size	Male Thread								
	1"	1½"	2"	2½"	3"	4"	4½"	5"	6"
1"		MSA1015 \$95.10	MSA1020 \$95.10	MSA1025 \$123.90					
1½"	MSA1510 \$141.75	MSA1515 \$95.10	MSA1520 \$133.65	MSA1525 \$122.85					
2"		MSA2015 \$193.20	MSA2020 \$189.00	MSA2025 \$196.35	MSA2030 \$215.25				
2½"			MSA2520 \$207.90	MSA2525 \$195.75	MSA2530 \$204.75				
3"				MSA3025 \$195.70	MSA3030 \$198.00				
4"				MSA4025 \$318.15	MSA4030 \$341.25	MSA4040 \$276.85	MSA4045 \$295.05	MSA4050 \$302.40	MSA4060 \$315.00
5"				MSA5025 \$400.20	MSA5030 \$400.20	MSA5040 \$441.95	MSA5045 \$448.70	MSA5050 \$349.40	MSA5060 \$418.95
6"						MSA6040 \$446.25	MSA6045 \$446.25	MSA6050 \$472.50	MSA6060 \$626.95

P

Dixon Northline Storz Fittings

SFSA30 - Storz x Female Swivel 30° Elbow - Rocker Lug

Features:

- machined from forged 6061 - T6 aluminum
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"
- screens available for 4" and 5" heads, consult Dixon for information



Storz Size	Female Swivel Thread					
	2½"	3"	4"	4½"	5"	6"
2½"	<u>SFSA30-2525</u> \$215.35	<u>SFSA30-2530</u> \$270.95				
3"	<u>SFSA30-3025</u> \$271.35	<u>SFSA30-3030</u> \$271.35				
4"	<u>SFSA30-4025</u> \$330.25	<u>SFSA30-4030</u> \$382.00	<u>SFSA30-4040</u> \$463.90	<u>SFSA30-4045</u> \$448.05	<u>SFSA30-4050</u> \$480.20	<u>SFSA30-4060</u> \$524.80
5"	<u>SFSA30-5025</u> \$389.15	<u>SFSA30-5030</u> \$464.10	<u>SFSA30-5040</u> \$457.00	<u>SFSA30-5045</u> \$471.25	<u>SFSA30-5050</u> \$471.20	<u>SFSA30-5060</u> \$531.95
6"			<u>SFSA30-6040</u> \$546.25	<u>SFSA30-6045</u> \$599.80	<u>SFSA30-6050</u> \$606.90	<u>SFSA30-6060</u> \$644.40

___ Customer Thread (*must specify*) refer to legend on page 566

SFSA30 - Storz x Female Swivel 30° Elbow - Long Handle

Features:

- machined from forged 6061 - T6 aluminum
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"



P

Storz Size	Female NST (NH) Swivel Thread			
	4"	4½"	5"	6"
4"	<u>SFSA30-4040F-LH</u> \$467.00	<u>SFSA30-4045F-LH</u> \$478.40	<u>SFSA30-4050F-LH</u> \$524.80	<u>SFSA30-4060F-LH</u> \$555.15
5"	<u>SFSA30-5040F-LH</u> \$480.20	<u>SFSA30-5045F-LH</u> \$501.60	<u>SFSA30-5050F-LH</u> \$517.65	<u>SFSA30-5060F-LH</u> \$562.30
6"	<u>SFSA30-6040F-LH</u> \$569.40	<u>SFSA30-6045F-LH</u> \$628.35	<u>SFSA30-6050F-LH</u> \$651.55	<u>SFSA30-6060F-LH</u> \$674.75

Dixon Northline Storz Fittings

SSA - Storz x Storz Adapter



Features:

- machined from forged 6061 - T6 aluminum
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Storz					
	2"	2½"	3"	4"	5"	6"
1½"	SSA1520 \$163.40	SSA1525 \$165.90				
2"		SSA2025 \$165.90	SSA2030 \$165.90			
2½"			SSA2530 \$206.85	SSA2540 \$301.35	SSA2550 \$306.60	
3"				SSA3040 \$315.60	SSA3050 \$321.45	
4"					SSA4050 \$471.55	SSA4060 \$589.45
5"						SSA5060 \$607.60

SSA30 - Storz x Storz 30° Elbow Adapters

P



Features:

- machined from forged 6061 - T6 aluminum
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz x Storz	Part #	Price/E
4" x 4"	SSA30-440	\$530.15
5" x 5"	SSA30-550	619.95

Large Diameter Storz / Frac Fittings


Features:

- working pressure: **200 PSI**
- for use on hose with wall thickness: 0.120" - 0.197"
- designed to work with nitrile and PU hose
- material: extruded and cast aluminum
- hard coat anodized to MIL-A-8625, Type III
- stainless steel hardware

Repair Menders

Features:

- sold as one mender with two sets of collars

Storz Size	Part #	Price
8"	HFMEND80	\$1564.00
10"	HFMEND100	2598.00
12"	HFMEND120	3129.00



Groove Type Ends

Features:

- sold as a pair (2 shanks and segmented collars)
- grooved pipe couplings sold separately, please see page 732

Storz Size	Part #	Price / Pair
6"	HFV60X60COUP	\$1100.00
8"	HFV80X80COUP	1989.00
10"	HFV10X10COUP	3076.00
12"	HFV12X12COUP	5197.00



Storz

Features:

- innovative lock design can be locked open or closed for ease of coupling / uncoupling
- offered with three lug design
- uses coupling bar wrenches to engage and disengage
- sold as a pair (2 shanks with Storz heads and segmented collars)

Storz Size	Part #	Price
8"	STZ80	\$4121.00
10"	STZ100	5575.75
12"	STZ120	8970.00



P

Segmented Collars

Features:

- uniquely manufactured with more segments to allow for better compression of hose
- 6" and 8" have 4 segments, 10" and 12" have 5 segments
- designed as double width with two bolts per collar segment

Size	Part #	Price
6"	60SEGCOLL	POR
8"	80SEGCOLL	\$573.00
10"	100SEGCOLL	1039.00
12"	120SEGCOLL	1336.00



Coupling Bar Wrench

Features:

- overall length: 17¼"
- sold in pairs
- used with Storz couplers

Part #	Price per Pair
STZ-HANDLES	\$398.00



Dixon Northline Storz Accessories

Threaded Storz Mounting Plates (Bracket)



Storz Size	Anodized Aluminum Part #	Price
1½" - 2½"	SMB1525	\$54.05
4" - 5"	SMB450	77.60

Storz Caps

Feature:

- 4", 5", 6" supplied with cables, 1½", 2", 2½", 3" supplied with chains




Storz Cap	Aluminum Part #	Price	Wt. Lbs.
1½"	SC150-NL	\$111.75	0.47
2"	SC200-NL	111.75	0.76
2½"	SC250-NL	115.75	0.90
3"	SC300-NL	158.85	1.26
4"	SC400-NL	192.95	2.08
4" ABS	SC400ABS¹	220.50	2.08
5"	SC500-NL	270.15	4.00
5" ABS	SC500ABS¹	300.00	4.00
6"	SC600-NL	437.10	5.90

¹ ABS includes airbleeder/petcock

Storz Gaskets

Features:

- gasket faces should be kept free of sand, grit, etc. and lubricated with O-ring grease or silicone 
- pressure seals have a flat face
- suction seals have a beaded face



pressure seal (black)



suction seal (grey)

Storz Size	Buna-N Pressure Part #	Price	Buna-N Suction Part #	Price
1½"	SGS150-NL¹	\$15.10	SGS150-NL	\$15.10
2"	SGP200	9.20	SGS200-NL	12.70
2½"	SGP250	9.20	SGS250-NL	19.70
3"	SGP300	9.20	SGS300-NL	20.50
4"	SGP400	13.80	SGS400-NL	47.25
5"	SGP500	21.25	SGS500-NL	53.40
6"	SGS600-NL¹	111.55	SGS600-NL	111.55

¹ gasket can be used for both pressure and suction service


Storz Locking Device



Description	Part #	Price
metal locking device used on 4" and 5" Storz heads with spring, screw and washer	LOCKINGDEVICE	\$31.50
metal locking device used on 6" Storz heads with spring, screw and washer	LOCKINGDEVICE6	60.00

Brass Caps Pin Lug 17-126

Features:

- finishes: -P polished, -C polished chrome plated
- NOT intended for pressure applications - for debris and thread protection only 

NST (NH) Thread	Cast Brass		Wt. Lbs.
	Part #	Price/E	
1½"	FC150F	\$21.40	0.43
	FC150F-P	28.15	0.43
	FC150F-C	32.50	0.43
2½"	FC250F	32.00	1.01
	FC250F-P	38.40	1.01
	FC250F-C	40.70	1.01
3"	FC300F	153.50	2.47
	FC300F-C	176.00	2.47
4"	FC400F	201.35	4.94
4½"	FC450F	201.35	5.41
6"	FC600F	303.25	9.55

NPSH Thread	Cast Brass		Wt. Lbs.
	Part #	Price/E	
1½"	FC150	\$41.15	0.35
2½"	FC250	43.70	1.23
3"	FC300	153.50	2.64
4"	FC400	230.30	3.31
6"	FC600	303.25	9.55
2½" CT	FC250 ¹	POR	1.25

¹ Customer Thread (must specify) refer to legend on page 566



Rocker Lug 17-126

Feature:

- finishes: -P polished, -C polished chrome plated

NST (NH) Thread	Cast Brass		Wt. Lbs.
	Part #	Price/E	
1"	RFC100F	\$55.20	0.30
1½"	RFC150F	25.15	0.54
1½"	RFC150F-P	POR	0.54
1½"	RFC150F-C	48.75	0.54
2½"	RFC250F	33.40	1.03
2½"	RFC250F-P	POR	1.03
2½"	RFC250F-C	68.70	1.06
2½" CT	RFC250 ¹	POR	1.20
3"	RFC300F	173.30	2.16

NPSH Thread	Cast Brass		Wt. Lbs.
	Part #	Price/E	
¾"	RFC075	\$46.15	0.28
1"	RFC100	57.10	0.31
1½"	RFC150	28.80	0.68
2"	RFC200	85.80	1.10
2½"	RFC250	112.30	1.25

¹ Customer Thread (must specify) refer to legend on page 566




P

Brass Plugs

Pin Lug 17-127

Features:

- finishes: -P polished, -C polished chrome plated
- NOT intended for pressure applications - for debris and thread protection only 



NST (NH) Thread	Cast Brass		Wt. Lbs.
	Part #	Price/E	
1½"	FP150F	\$40.10	0.73
1½"	FP150F-P	50.75	0.73
1½"	FP150F-C	53.30	0.73
2½"	FP250F	55.40	1.46
2½"	FP250F-P	68.60	1.46
2½"	FP250F-C	71.25	1.46
3"	FP300F	95.10	1.40
3"	FP300F-P	89.30	1.40
3"	FP300F-C	91.85	1.40
4"	FP400F	175.10	4.50
4½"	FP450F	420.25	4.90
6"	FP600F	671.00	4.90

Thread NPSH Thread	Cast Brass		Wt. Lbs.
	Part #	Price/E	
1½"	FP150	\$41.15	0.73
2½"	FP250	63.15	1.40
3"	FP300	148.50	2.00
4"	FP400	175.10	4.20
2½" CT ¹	FP250 ¹	POR	1.46

¹ Customer Thread (*must specify*) refer to legend on page 566

Rocker Lug

17-127

Feature:

- finishes: -P polished, -C polished chrome plated



Thread NST (NH)	Cast Brass		Wt. Lbs.
	Part #	Price/E	
1½"	RFP150F	\$82.55	0.76
1½"	RFP150F-C	94.50	0.76
2½"	RFP250F	126.30	1.88
2½"	RFP250F-C	POR	1.88
2½" CT	RFP250	POR	1.88

¹ Customer Thread (*must specify*) refer to legend on page 566

Aluminum Caps with Cable Rocker Lug

Features:

- other configurations are available, consult Dixon for information, not all configurations are stocked
- aircraft cable (coated) included

Size	Thread	Extruded Hardcoated Aluminum	
		Part #	Price/E
1"	NST (NH)	CAP100F-C	\$37.40
1½"		CAP150F-C	36.00
2"		CAP200F-C	44.40
2½"		CAP250F-C	55.35
3"		CAP300F-C	84.50
4"		CAP400F-C	148.50
4½"		CAP450F-C	133.35
5"		CAP500F-C	252.00
6"		CAP600F-C	312.25
1"		NPSH	CAP100S-C
1½"	CAP150S-C		36.00
2"	CAP200S-C		44.40
2½"	CAP250S-C		55.35
2½"	CAP250_-C		POR

¹ Customer Thread (*must specify*) refer to legend on page 566



Long Handle

NST (NH) Thread	Extruded Hardcoated Aluminum		Wt. Lbs.
	Part #	Price/E	
4"	CAP400F-C-LH	\$163.65	2.72
4½"	CAP450F-C-LH	178.80	3.00
5"	CAP500F-C-LH	269.70	3.00
6"	CAP600F-C-LH	439.40	3.62



Forged Aluminum Caps with Chain

Feature:

- forged caps not available with customer threads

Size	Thread	Forged Aluminum		Wt. Lbs.
		Part #	Price/E	
1½"	NPSH	F-AFC150	\$29.40	0.15
2½"		F-AFC250	43.60	0.25
1½"	NST (NH)	F-AFC150F	29.40	0.50
2½"		F-AFC250F	43.60	0.70



P

Brass Hose Test Caps

Test Caps


Features:

- pet cock port supplied with 1/8" NPT
- drain cock port supplied with 1/4" NPT

NST (NH) Thread	Brass	
	Part #	Price/E
1 1/2"	NST150TC	\$220.00
2 1/2"	NST250TC	250.00

Aluminum Caps

Test Caps


Feature:

- supplied with 1/4" NPT drill and tap

NST (NH) Thread	Aluminum	
	Part #	Price/E
1"	CAP100FABS	\$52.85
1 1/2"	CAP150FABS	54.00
2"	CAP200FABS	60.60
2 1/2"	CAP250FABS	65.25
3"	CAP300FABS	89.25
3 1/2"	CAP350FABS	POR
4"	CAP400FABS	133.40
4 1/2"	CAP450FABS	145.95
5"	CAP500FABS	169.05
6"	CAP600FABS	244.65

Plugs with Cable

Feature:

- -NC: no chain



Size	Thread	Extruded Hardcoated Aluminum	
		Part #	Price/E
1 1/2"	NST (NH)	PLUG150F-C	\$60.40
2 1/2"		PLUG250F-C	82.95
3"		PLUG300F-C	101.00
4"		PLUG400F-C	162.20
4 1/2"		PLUG450F-C	241.20
5"		PLUG500F-C	243.60
6"		PLUG600F-C	331.30
1 1/2"	NPSH	PLUG150S-C	60.40
2 1/2"		PLUG250S-C	82.95
2 1/2"	CT	PLUG250_-C	POR


¹ Customer Thread (*must specify*) refer to legend on page 566

Plastic Caps Caps with Chain

Application:

- prevents entry of foreign material and protects male outlet threads on valves and hydrants

Features:

- red finish
- NOT intended to be pressurized 

Size	Thread	Polycarbonate		Wt. Lbs.
		Part #	Price/E	
1½"	NPSH	PFCW150	\$15.10	0.10
1½"	NST (NH)	PFCW150F	15.10	0.10
2"	NPSH	PFCW200	22.15	0.15
2½"	NST (NH)	PFCW250F	15.95	0.20
2½"	NYC / BAT	PFCW250NYC	POR	0.20
2½"	NYFD	PFCW250NYF	POR	0.20
2½"	Chicago FD	PFCW250CFD	POR	0.20
2½"	CSA	PFCW250CSA	POR	0.20
2½"	WCT	PFCW250WCT	POR	0.20
2½"	QST	PFCW250QST	POR	0.20
3"	NST	PFCW300F	29.70	0.33



Pressurizable Caps with Chains

Features:

- red finish
- can be pressurized to **300 PSI**

NST (NH) Thread	Polycarbonate		Wt. Lbs.
	Part #	Price/E	
2½"	PFC250F	\$39.00	0.25



Yellow Hydrant Caps

Features:

- 1⅛" pentagonal nut with weep hole
- with chain

NST (NH) Thread	Polycarbonate		Wt. Lbs.
	Part #	Price/E	
4½"	PFCW450F-Y	\$45.25	0.18



Feature:


- 1⅛" pentagonal nut with weep hole

NST (NH) Thread	Polycarbonate		Wt. Lbs.
	Part #	Price/E	
2½"	PFCW250F-Y	\$45.25	0.03
4"	PFCW400F-Y	45.25	0.06



Universal Hose Cap

Features:

- universal push on - pull off cap protects all threads by gripping the valve or outlet on the inside of the waterway
- NOT intended to be pressurized 

Size	Polycarbonate		Wt. Lbs.
	Part #	Price/E	
2½"	PFC250U	\$19.00	0.24



P

Caps and Plugs

Breakable Cap



Application:

- prevents entry of foreign material and protects female threads on pin lug fire department inlet connections

Feature:

- used on pin lug females

Size	Polycarbonate		Wt. Lbs.
	Part #	Price/E	
2½"	PBC250	\$8.00	0.13

Aluminum Breakable Cap



Features:

- for use on fire department inlet connections
- prevents entry of foreign matter and protects female threads
- breakable ears feature permits fast hose connection
- two eyebolts with nuts for attachment to female pin lug swivel
- painting red finish

Size	Aluminum		Wt. Lbs.
	Part #	Price/E	
2½"	ABC250	\$10.90	0.24

Red FDC Plug



Features:

- fits standard 2½" NST female swivel
- withstands wide range of temperatures from **-4°F to 200°F (-20°C to 93°C)**
- 1⅝" pentagonal nut with weep hole to allow for drainage
- removed from FDC with adjustable hydrant wrench

NST (NH) Thread	Polycarbonate		Wt. Lbs.
	Part #	Price/E	
2½"	PP250F	\$12.00	0.02

Adjust-A-Plug



Features:

- molded red polycarbonate protective plug for swivel connections up to 2½"
- two adjustable metal plates installed in the back of the plug can be mated with your local thread
- plug can be easily removed with a fire department spanner wrench

Part #	Polycarbonate		Wt. Lbs.
	Price/E		
PAP250	\$8.00		0.24

P

Caps and Plugs Iron Hydrant Caps

2014
NEW

Features:

- pentagon fire hydrant cap
- red painted iron
- supplied with chain and ring

Size	Iron		Wt. Lbs.
	Part #	Price/E	
2½" NST (NH)	IHC250F	\$56.70	3.00
2½" NYFD	IHC250NYFD	56.70	3.00
4½" NST (NH)	IHC450F	80.00	7.00



IHC250F



IHC450F

Jack Chains with S-Hooks

Length	Material	Part #	Price/E	Wt. Lbs.	Opt Qty
6"	brass	CH-B-6	\$8.25	0.04	10
12"	brass	CH-B-12	9.25	0.07	10
6"	stainless	CH-SS-6	8.75	0.05	10
12"	stainless	CH-SS-12	11.95	0.08	10



Domestic Brass Caps and Plugs

Feature:

- other sizes, threads, and finishes available, call Dixon for information

Caps

Size	Brass		Wt. Lbs.
	Part #	Price/E	
1½" NST (NH)	FC150F-D	\$74.15	0.52
2½" NST (NH)	FC250F-D	65.40	1.00



P

Plugs

Size	Brass		Wt. Lbs.
	Part #	Price/E	
1½" NST (NH)	FP150F-D	\$44.90	0.58
2½" NST (NH)	FP250F-D	122.00	1.80





Industrial Fog Nozzles

Features:

- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- U/L listed and Factory Mutual approved for class A and B fires (except noted ²)
- supplied with bumper



Size	Thread	90° Spray GPM @ 100 PSI	Brass		Wt. Lbs.
			Part #	Price/E	
¾"	GHT	---	BFN75GHT²	\$186.30	1.3
¾"	NPSH	---	BFN75	186.30	1.4
1"	NPSH	36	BFN100	221.80	1.2
1½"	NPSH	85	BFN150	144.75	1.5
2"	NPSH	108	BFN200²	334.35	2.9
1"	NST (NH)	36	BFN100NST	221.80	1.2
1½"	NST (NH)	85	BFN150NST	144.75	1.5
2½"	NST (NH)	205	BFN250NST²	309.00	3.3
2½"	CT ¹	205	BFN250	POR	3.3

¹ Customer Thread (*must specify*) refer to legend on page 566

² not U/L Listed or FM approved



Heavy Duty Industrial Fog Nozzles

Features:

- maximum operating pressure: **175 PSI** (water only) at 70°F (21°C)
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- U/L listed and Factory Mutual approved
- supplied with bumper



Size	Thread	90° Spray GPM @ 100 PSI	Brass		Wt. Lbs.
			Part #	Price/E	
1"	NPSH	---	HFN100	\$212.40	2.2
1½"	NPSH	88 (+/-12)	HFN150	179.00	2.4
1"	NST (NH)	---	HFN100NST	212.40	2.2
1½"	NST (NH)	88 (+/-12)	HFN150NST	179.00	2.4
1½"	NYFD	---	HFN150NYFD	189.00	2.4



Higher Pressure Industrial Fog Nozzles

Features:

- working pressure: **25 to 300 PSI** (water only) at 70°F (21°C)
- combination straight stream and fog - shut-off - straight stream - fog
- Factory Mutual approved
- large one-piece rubber bumper with molded teeth
- knurled base



Size	Thread	90° Spray GPM @ 100 PSI	Brass		Wt. Lbs.
			Part #	Price/E	
1½"	NPSH	117	HPFN150	\$224.40	1.9
1½"	NST (NH)	117	HPFN150NST	224.40	2.0

Industrial Washdown Nozzles

Features:

- maximum operating pressure: **100 PSI** (*water only*) at 70°F (21°C)
- delivers 30° - 60° - 90° fog pattern
- shut off - straight stream - fog
- supplied with bumper



Size	Thread	90° Spray GPM @ 100 PSI	Brass		Wt. Lbs.
			Part #	Price/E	
1½"	NPSH	88 (+/-12)	WDN150	\$74.25	1.5
1½"	NST (NH)	88 (+/-12)	WDN150NST	74.25	1.5

Industrial All-Fog Nozzles for use around Electrical Equipment



Features:

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- delivers 30° - 60° - 90° fog pattern - shutoff to 30° fog, adjustable to 90° fog
- U/L listed and Factory Mutual approved for class C fires
- supplied with bumper
- Use of this nozzle is not likely to prove hazardous when nozzle is held in excess of 10 feet from electrical apparatus and circuits not involving more than 250,000 volts.



Size	Thread	90° Spray GPM @ 100 PSI	Brass		Wt. Lbs.
			Part #	Price/E	
1½"	NST (NH)	90	BFNE150NST	\$234.30	1.5
1½"	NPSH	90	BFNE150	234.30	1.5

Ball Shutoffs

Features:

- full time swivel base ensures the durable rubber-like handle can be positioned for easy operation
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Thread	Length	Waterway	Cast Brass		Wt. Lbs.
			Part #	Price/E	
1½" NST (NH)	4¾"	1-3/8"	BSO150NST	\$1177.65	4.5
1½" NPSH	4¾"	1-3/8"	BSO150S	1177.65	4.5



Replacement Part

Description	Composite		Wt. Lbs.
	Part #	Price/E	
replacement handle	BSO150-H	\$81.95	4.5

Nozzle Tips

Features:

- straight stream only
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- 74 GPM @ 100 PSI

Thread	Length	Orifice	Satin Brass		Wt. Lbs.
			Part #	Price/E	
1" NST (NH)	4-3/4"	1/2"	BNT100F	\$154.15	0.68
1" NPSH	4-3/4"	1/2"	BNT100S	154.15	0.68
1½" NST (NH)	4-3/8"	1/2"	BNT150F	181.15	1.20
1½" NPSH	4-3/8"	1/2"	BNT150S	181.15	1.20

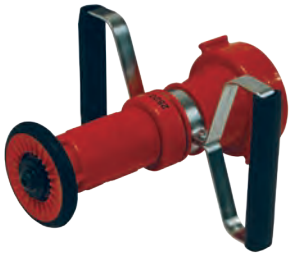


P

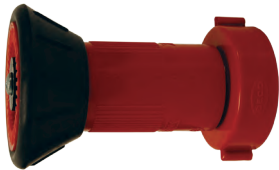
Constant Flow Fog Nozzles

Features:

- red polycarbonate with bumper and black plastic and steel stem
- provides consistent volume at any spray angle
- adjusts from Straight Stream to Fog
- 1" and 1½" are ULC listed
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)



2½" nozzle with handles
CFB250NST



2½" nozzle without handles
HGCFB250NST



1½" nozzle

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate		Wt. Lbs.
			Part #	Price/E	
¾"	GHT	8	CFB75GHT	\$32.65	0.42
1"	SIPT	22	CFB100S	32.70	0.38
1½"	SIPT	75	CFB150S ¹	28.05	0.44
1½"	SIPT	150	HGCFB150S ²	98.20	0.50
2"	SIPT	75	CFB2015S ¹	63.85	0.45
2"	SIPT	150	CFB200S ²	89.60	0.53
1"	NST (NH)	22	CFB100NST	32.70	0.37
1½"	NST (NH)	75	CFB150NST ¹	28.05	0.44
1½"	NST (NH)	150	HGCFB150NST ²	98.20	0.51
2½"	NST (NH)	150	CFB250NST ³	182.00	2.00
2½"	NST (NH)	215	HGCFB250NST ^{2,4}	225.25	1.90
1½"	NYF	75	CFB150NYF ¹	28.05	0.45
2½"	NYF	150	CFB250NYF ³	182.00	2.00
1½"	CF	75	CFB150CF ¹	POR	0.43
2½"	CF	150	CFB250CF ³	POR	2.00
2½"	NYC	150	CFB250NYC ³	182.00	2.00
2½"	CT	150	CFB250_	74.25	2.00

— Customer Thread (*must specify*) refer to legend on page 566

¹ standard flow

² high flow

³ provided with handles

⁴ intended for firefighting use only - nozzle will shut off automatically if not fully manned (both hands)

- NYF – New York Fire Dept. Thread 1 ½" (2.100 ODM X 8 TPI) — 2 ½" (3.030 ODM X 8 TPI)
- CF – Chicago Fire Dept. Thread 1 ½" (1.933 ODM X 11.5 TPI) — 2 ½" (2.990 ODM X 7.5 TPI)
- NYC – New York Corporation Thread 1 ½" (2.093 ODM X 11 TPI) — 2 ½" (3.000 ODM X 8 TPI)
- Also available CSA, BAT, NSS

Blue Refinery Fog Nozzles

Features:

- blue polycarbonate with bumper and black plastic and steel stem
- glass-filled
- provides consistent volume at any spray angle
- adjusts from Straight Stream to Fog
- resistant to petrochemicals
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)



P

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate		Wt. Lbs.
			Part #	Price/E	
1½"	SIPT	75	RNB150S	\$34.50	0.48
1½"	NST (NH)	75	RNB150NST	34.50	0.47

Gaskets

Feature:

- used on constant flow and refinery fog nozzles

dimensions are nominal



Size	Thread	ID	OD	Thickness	Buna-N		Wt. Lbs.
					Part #	Price/E	
1"	SIPT	0.900"	1.270"	0.125"	CFG100S	\$2.65	.003
1½"	SIPT	1.510"	1.878"	0.125"	CFG150S	2.70	.005
2"	SIPT	1.680"	2.340"	0.156"	CFG200S	2.80	.013
1"	NST (NH)	0.900"	1.270"	0.125"	CFG100NST	2.65	.003
1½"	NST (NH)	1.510"	1.906"	0.125"	CFG150NST	2.70	.003
2½"	NST (NH)	2.250"	3.000"	0.187"	CFG250NST	2.95	.020

Fog Nozzles

Features:

- shutoff - straight stream - fog
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate w/ Brass Stem with Bumper		Polycarbonate w/ Brass Stem without Bumper	
			Part #	Price/E	Part #	Price/E
¾"	GHT	1.2	FNB75GHT	\$40.80	---	---
¾"	NPS	30.9 ²	FNB75S	40.80	---	---
1"	NPS	11.4 ²	FNB100S	48.50	FN100S	\$48.35
1"	NPS	30.9	HGB100S	63.25	---	---
1½"	NPS	83.6	FNB150S	45.35	FN150S	41.50
1"	NST (NH)	11.4	FNB100NST	48.50	FN100NST	48.35
1"	NST (NH)	30.9	HGB100NST	63.25	---	---
1½"	NST (NH)	83.6	FNB150NST	45.35	FN150NST	41.50

¹ standard flow

² 120° Spray GPM @100 PSI




nozzle with bumper
FNB150NST



nozzle without bumper
FN150NST

FM Approved Fog Nozzles

Features:

- brass stem with locking nut
- shutoff-straight-stream-fog
- wings on sleeve for ease of adjustment
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- SL series nozzles are Factory Mutual approved 

Size	Thread	90° Spray GPM @ 100 PSI	FM approved Domestic		Global		Wt. Lbs.
			Polycarbonate with Bumper	Polycarbonate without Bumper	Part #	Price/E	
¾"	GHT	30.9 ¹	SL075GHT	\$49.15	---	---	0.33
¾"	NPSH	30.9 ¹	SL075	49.15	---	---	0.33
1"	NPSH	30.9 ¹	SL100	52.40	PFNB100S	\$20.05	0.48
1½"	NPSH	75	SL150	70.45	PFNB150S	28.50	0.57
1½"	NST (NH)	75	SL150NST	70.45	PFNB150NST	28.50	0.57

¹ 120° spray on ¾" and 1"



Thermoplastic All-Fog Nozzles for Use Around Electrical Fires

Features:

- opens and closes in a 30° fog pattern up to 120°- no straight stream
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Size	Thread	75° Spray GPM @ 100 PSI	Polycarbonate with Brass Stem		Wt. Lbs.
			Part #	Price/E	
1½"	NPS	92	FNBE150S	\$46.10	0.57
1½"	NST (NH)	92	FNBE150NST	46.10	0.56



P

Gaskets for Fog Nozzles

- dimensions are nominal

Size	Thread	ID	OD	Thickness	Buna-N		Wt. Lbs.
					Part #	Price/E	
1"	NPSH	0.937"	1.234"	0.125"	FNG100S	\$4.25	.001
1"	NPSH	1.000"	1.375"	0.125"	HGG100S	4.55	.020
1½"	NPSH	1.500"	1.827"	0.125"	FNG150S	3.25	.010
1"	NST (NH)	0.937"	1.281"	0.125"	FNG100NST	4.25	.001
1"	NST (NH)	1.000"	1.375"	0.125"	HGG100NST	4.55	.020
1½"	NST (NH)	1.510"	1.906"	0.125"	FNG150NST	3.25	.010



Heavy Duty Constant Flow Fog Nozzles



Features:

- 95 GPM constant flow
- 5" long

Size	Thread	GPM @ 100 PSI	Fiberglass Reinforced Composite	
			Part #	Price/E
1½"	NPSH	95	CFFR150	\$117.00
1½"	NST (NH)	95	CFFR150NST	117.00

Global Forestry Fog Nozzles



Size	Thread	GPM @ 100 PSI Straight Stream		Anodized Aluminum		Wt. Lbs.
		1st	2nd	Part #	Price/E	
1½"	NPSH	23.8	73.9	GFN150	\$84.85	1.00
1½"	NST (NH)	37.6	95.0	GFN150NST	84.85	1.00

Fog Nozzles



Features:

- without bumper
- adjustable fog or straight stream
- color: black
- weight: 12 oz.
- Federal Supply Schedule certified

Size	Thread	60° Spray GPM @ 100 PSI at 21°C (70°F)	Anodized Aluminum		Wt. Lbs.
			Part #	Price/E	
1½"	NPSH	52	AFN150	\$299.40	.66
1½"	NST (NH)	52	AFN150NST	299.40	.80

Forestry Fog Nozzles

Features:

- maroon hard-coated barrel allows for easy identification
- corrosion resistant plated
- dual flow rate nozzles offer two straight stream and two fog patterns
- combination fog and straight stream
- maximum operating pressure: **600 PSI** (water only) at 70°F (21°C)



FFN75GHT



FFN100

Size	Thread	GPM @ 100 PSI Straight Stream		6061-T6 Aluminum		Wt. Lbs.
		1st	2nd	Part #	Price/E	
¾"	GHT	1-2 ¹	3-4 ¹	FFN75GHT	\$200.00	0.66
1"	NPSH	12	25	FFN100²	207.50	0.57
1½"	NPSH	25	70	FFN150	294.60	1.00
1"	NST (NH)	12	25	FFN100NST	207.50	0.62
1½"	NST (NH)	25	70	FFN150NST³	294.60	0.87

¹ GPM @ 40 PSI

² FFN100 meets USFS 5100-239A and NSN 4210-01-165-6603

³ FFN150NST meets USFS 5100-107A and NSN 4210-01-167-1123

Domestic Rack Nozzles



Features:

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- U/L listed and Factory Mutual approved for class A and B fires
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- supplied without bumper



Size	Thread	90° Spray GPM @ 100 PSI	Brass		Wt. Lbs.
			Part #	Price/E	
1½"	NST (NH)	80	BRN150NST	\$152.60	1.4
1½"	NPSH	80	BRN150	178.00	1.4

Global Rack Nozzles



Features:

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- U/L listed and Factory Mutual approved for class A and B fires
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- supplied without bumper



Size	Thread	90° Spray GPM @ 100 PSI	Brass		Wt. Lbs.
			Part #	Price/E	
1½"	NST (NH)	80	BRN150NST-I	\$86.40	1.3
1½"	NPSH	93	BRN150S-I	86.40	1.3 NEW

Plain Hose Nozzles

Features:

- finish: satin
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Size	Thread	ID	OD	Brass		Wt. Lbs.
				Part #	Price/E	
¾"	GHT	6"	1/4"	BN6	\$41.75	0.4
¾"	NPSH	6"	1/4"	BN7	41.75	0.4
1"	NPSH	8"	5/16"	BN10	48.40	0.5
1¼"	NPSH	10"	3/8"	BN12	73.00	1.0
1½"	NPSH	10"	1/2"	BN15	59.40	1.1
2"	NPSH	12"	9/16"	BN20	106.40	2.6
2½"	NPSH	12"	1"	BN25	153.10	3.4
1"	NST (NH)	8"	5/16"	BN10F	48.40	0.7
1½"	NST (NH)	10"	1/2"	BN15F	59.40	1.2
2½"	NST (NH)	12"	1"	BN25F	153.10	2.8
1½"	NYFD	10"	1/2"	BN15NYFD	60.00	1.0
2½"	NYFD	12"	1"	BN25NYFD	175.00	3.4
2½"	CT	12"	1"	BN25 ¹	POR	3.4



P

¹ Customer Thread (*must specify*) refer to legend on page 566

- All nozzles are made to approved Dixon specifications.



U/L Play Pipes with Tip



Application:

- often required in hydrant houses by Insurance Underwriters

Features:

- swivel handle, red marlin trim
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- U/L listed and Factory Mutual approved
- ULT male thread specification: 2-3/16" ODM x 12 TPI
- comes standard with 1-1/8" orifice tip

Size	Female	Male	OAL	Brass		Wt. Lbs.
				Part #	Price/E	
2½"	NST (NH)	ULT	30"	UPP250F	\$718.35	9
2½"	NPSH	ULT	30"	UPP250S	718.35	9

Tips for U/L Play Pipe



Features:

- finish: satin
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)
- ULT male thread specification: 2-3/16" ODM x 12 TPI

Orifice	Cast Brass		Wt. Lbs.
	Part #	Price/E	
1⅛"	UPPT	\$133.00	1.6
1¼"	UPPT125	120.00	1.6
1½"	UPPT150	120.00	1.6
1¾"	UPPT175	135.00	1.6

Adjust-A-Power Nozzle



Application:

- ideal for patio, auto and boat, driveway and garden, can be used as a mop-up nozzle as it produces 50% more power than twist nozzles

Features:

- gasketed from inlet to tip it does not leak like conventional nozzles and does not require a washer
- three stainless steel ball bearings in the adjustable tip offer complete shut off, to ultra powerful pinpoint stream, to heavy spray pattern, to a solid jet stream or any setting in between
- leave nozzle in the open position when not in use
- design minimizes water usage and maximizes water velocity
- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)

Size	Thread	Brass		Wt. Lbs.
		Part #	Price/E	
¾"	GHT	AAPN75GHT	\$24.00	0.2

Garden Hose Twist Nozzles

Feature:

- maximum operating pressure: **150 PSI** (water only)



Size	Thread	Length	Brass		Wt. Lbs.
			Part #	Price/E	
¾"	GHT	4"	BTN75	\$17.90	0.40
¾"	GHT	7"	500-AN7	37.98	0.66

U.S. Coast Guard Approved AFFF / Water Fog Nozzles

Application:

- designed for maximum efficiency with AFFF (Aqueous Film Forming Foams) or water on shipboard, offshore rigs and industrial applications



CGSN150F



CGSN151F

Features:

- corrosion resistant brass construction
- rubber-like bumper and handle for added protection
- Zytel (nylon) horseshoe handle
- double row of molded teeth for excellent fog pattern
- flush without shutting down
- constant gallonage in all fog and straight stream patterns
- combination fog and straight stream
- maximum operating pressure: **100 PSI** (water/AFFF only) at 70°F (21°C)

Thread NST (NH)	Description	Fog Flow @100 PSI	Orifice	Length	Weight	Approval #	Brass	
							Part #	Price/E
1½"	nozzle	95 GPM	5/8"	10¼"	9 lbs.	162.027/13/0	CGSN150F	\$1789.20
1½"	nozzle w/pistol grip	95 GPM	15/16"	11½"	14.5 lbs.	162.027/14/0	CGSN151F ¹	1962.45

Thread NPSH	Description	Fog Flow @100 PSI	Orifice	Length	Weight	Approval #	Brass	
							Part #	Price/E
1½"	nozzle	95 GPM	5/8"	10¼"	9 lbs.	---	CGSN150S	POR
1½"	nozzle w/pistol grip	95 GPM	15/16"	11½"	14.5 lbs.	---	CGSN151S ¹	\$1962.45

¹ supplied with pistol grip

U.S. Coast Guard Approved Fog Nozzles

Application:

- designed to US Coast Guard specifications for fighting fires with drafted water, required equipment for all commercial vessels under US registry

Features:

- maximum operating pressure: **100 PSI** (water/AFFF only) at 70°F (21°C)
- corrosion resistant brass construction
- Combination Fog and Straight Stream for shipboard fire fighting.
- applicator tips are available, consult Dixon for pricing and availability



Thread	Fog Flow GPM @100 PSI	Cast Brass		Wt. Lbs.
		Part #	Price/E	
1½" NST	55	CGN150NST	\$1854.30	8.9
2½" NST	108	CGN250NST	2190.30	13.8
1½" NPSH	55	CGN150S	1854.30	8.9



Size	Description	Cast Brass		Wt. Lbs.
		Part #	Price/E	
1½"	replacement tip	CGN150-TIP	\$375.90	0.94
2½"	replacement tip	CGN250-TIP	430.50	0.79





Omega™ Monitor

Features:

- brass construction
- cast-in turning vanes for a more efficient flow
- 360° horizontal and 150° vertical travel
- friction loss: 10 PSI at 800 GPM(.7 bar at 3030 LPM)
- 4 bolt hole pattern on flange
- Factory Mutual approved

Size	Inlet	Outlet	Waterway	Flow	Weight	Aluminum	
						Part #	Price/E
17" x 11½"	3" flange	2½" MNST	3"	1250 GPM	72 lbs.	AK3526-300FL	\$2176.00



Features:

Brass Monitor Nozzle

- fixed teeth
- combination Straight, Stream and Fog - no shutoff
- fixed gallonage master stream nozzle
- factory set at 500 GPM (1900 lpm) can be changed in the field to 300 or 700 GPM (1140 or 2660 LPM)
- maximum operating pressure: **100 PSI** (water only)

Size	Thread	90° Spray GPM @ 100 PSI	Weight	Brass	
				Part #	Price/E
2½"	NST (NH)	NST (NH)	10 lbs.	AK4450NST	\$6262.00



Steel FirePro™ Monitor

Features:

- seamless 2½" monitor - rated at 750 GPM
- carbon steel construction, stainless steel discharge tip and ball bearings
- 360° horizontal and 140° vertical travel
- red epoxy finish standard
- 150# ASA raised face 4" flange
- FM approved



Size	Inlet Configuration	Outlet	Waterway	Flow	Weight	Carbon Steel	
						Part #	Price/E
22" x 13"	4" flange	2½" male NST	2½"	750 GPM	50 lbs.	FP475S	\$3400.00



Master Stream Nozzles

Features:

- factory set at 500 GPM
- featuring a straight stream to fog 'quick throw' pattern change
- constant gallonage
- FM approved



Size	Thread	Material	Weight	Part #	Price/E
2½"	NST (NH)	brass	19 lbs.	FP500B	\$2470.00
2½"	NST (NH)	aluminum	3 lbs.	FP500A	2055.00

P

Street Cleaning Nozzles

Feature:

- welded fabrication



Size	Connection	Aluminum		Wt. Lbs.
		Part #	Price/E	
2"	female cam	200DBAL	\$231.00	6.50
3"	female cam	300DBAL	238.00	6.75

Street Cleaning Nozzles

Features:

- delivers a flat, centered spray pattern for flushing or street cleaning apparatus
- length: 6¾", width: 8½"
- maximum operating pressure: **100 PSI** (water only)
- flows 300 GPM @ 100 PSI



Thread	Spray Direction	Brass Part #	Wt. in Lbs.	Price/E
2½" NPSH	center	BFSCN250C	8.5	\$1266.55
2½" NPSH	left	BFSCN250L	8.5	1266.55
2½" NPSH	right	BFSCN250R	8.5	1266.55

Forest Green Constant Flow Nozzle

Features:

- shatterproof and UV resistant polycarbonate is able to withstand tough environmental conditions
- seals used for true water shut off
- easy twist spray pattern adjustment
- sold in case quantity only, with display
- 25 nozzles per case



Thread	45° Spray GPM @ 100 PSI	Plastic		Wt. Lbs.
		Part #	Price/E	
¾" GHT	25.1	FNB75GHT-GD	\$493.00	10.3

Green Constant Flow Nozzle with Bumper

Features:

- green plastic body with steel stem
- can be used as a replacement nozzle in the display case GNB75GHT-GD



Thread	45° Spray GPM @ 100 PSI	Plastic		Wt. Lbs.
		Part #	Price/E	
¾" GHT	8	GNB75GHT	\$20.30	0.36

Red Plain Hose Nozzles

Feature:

- maximum operating pressure: **100 PSI** (water only) at 70°F (21°C)



Size	Thread	Length	Orifice	Red Polycarbonate		Wt. Lbs.
				Part #	Price/E	
1½"	NPSH	10"	½"	PN15	\$18.00	0.22
1½"	NST (NH)	10"	½"	PN15F	18.00	0.19

Ball Shutoff Nozzle - Bolted Style

Features:

- rugged and lightweight
- cast aluminum body with pistol grip
- hardcoated female swivel inlet and male outlet
- maximum operating pressure: **200 PSI** (water only) at 70°F (21°C)



P

Size	Thread	Waterway	Cast Aluminum		Wt. Lbs.
			Part #	Price/E	
1½"	NST (NH)	1⅜"	ACPSO150F	\$355.00	2.9
1½"	NPSH	1⅜"	ACPSO150	355.00	2.9

Tips for Bolted Style Ball Shutoff Nozzles

Features:

- lightweight construction
- maximum operating pressure: **200 PSI** (water only) at 70°F (21°C)
- other orifice sizes available



NPSH shutoff nozzle tip



NH shutoff nozzle tip

Size	Thread	Length	Orifice	Anodized Aluminum		Wt. Lbs.
				Part #	Price/E	
1"	NPSH	4"	½"	ANT100	\$235.00	0.5
	NST (NH)	4¾"		ANT100F	235.00	0.7
1½"	NPSH	4"	½"	ANT150	235.00	0.5
	NST (NH)	4¾"		ANT150F	235.00	0.7

Spanner and Hydrant Wrenches

Universal Spanner Wrench

Features:

- for 3/4" to 3" pin lug and rocker lug couplings
- includes gas cock shutoff, pry bar and belt hook eye
- overall length 11 7/8"



Aluminum Part #	Price/E	Pkg Qty	Wt. (lbs)
USW	\$24.70	25	.62

Universal Wrench

Features:

- for pin lug or rocker lug couplings 1" - 4 1/2"
- a gas cock shutoff is provided in the handle
- red epoxy painted
- overall length 11 3/4"



Iron Part #	Price/E	Wt. (lbs)
233	\$43.20	1.16

Hole Type Spanner Wrench

Features:

- designed for use on 3/4" and 1" booster hose couplings
- overall length is 7 1/2"



AL-MAG 35 Part #	Price/E	Wt. (lbs)
HTSW	\$31.65	.20

Storz Hydrant Wrench

Features:

- fits 4" and 5" Storz
- ductile iron head
- knurled chrome plated handle
- manganese bronze adjustable jaw
- includes adjustable hydrant nut wrench



Part #	Price/E	Wt. (lbs)
SAHW	\$100.00	6

Folding Pocket Spanner Wrenches

Features:

- for pentagon nuts up to 1 3/4"
- built-in spanner for pin or rocker lug couplings
- overall length 16 1/4"



Material	Part #	Price / E	Wt. (lbs)
aluminum	PSW	\$40.90	.30
brass	PSW-B	149.35	.72
die cast zinc	PSW-Z	41.35	.56
yellow plastic	PSW-Y	80.50	.27

Adjustable Hydrant Wrench

Features:

- fits 3/4" to 3" rocker lug and pin lug couplings
- a compact wrench easily carried in your jacket pocket



Part #	Price/E	Pkg Qty	Wt. (lbs)
AHW	\$38.50	20	2.7

P

Spanner and Hydrant Wrenches

Pigtail Adjustable Hydrant Wrench

Feature:

- double spanner head fits pin lug or rocker (sensible) lug couplings, pentagon nuts up to 1½" from point to flat, 1½" - 6" rocker lug caps, 2" - 4½" pin lug caps, and square nuts up to 1⅝"

Part #	Price/E	Wt. (lbs)
AHWPT	\$69.25	4.5



Heavy Duty Adjustable Hydrant Wrench

Features:

- for pentagon hydrant nuts up to 1¾" from point to flat
- notched to fit 1¼" square hydrant nut
- spanner for pin lug and sensible (rocker) lug couplings, 1½" thru 6"
- plated iron head, 7/8" plated steel handle
- overall length 18"

Part #	Price/E	Pkg Qty	Wt. (lbs)
189	\$38.70	15	4.7



Double Head Adjustable Hydrant Wrench

Features:

- for pentagon hydrant nuts up to 1⅞" and square heads up to 1½"
- fits ¾" - 6" rocker lug or pin lug couplings, can also be used for long handle couplings
- ductile iron head with a deeply knurled chrome plated steel handle
- replaceable adjustable jaw is made of manganese bronze
- overall length 19½"

Part #	Price/E	Wt. (lbs)
189DH	\$86.25	5



5 Hole Hydrant Wrench

Features:

- 5 pentagon holes designed to fit common hydrant nut sizes
- built-in spanner for pin or rocker lug couplings
- overall length: 14¼"

Plated Iron Part #	Price/E	Pkg Qty	Wt. (lbs)
PHW	\$24.00	25	1.94



Grip-All Spanner Wrench

Features:

- fits ¾" - 6" split lug, rocker lug and pin lug couplings
- can be operated in tight quarters
- gas cock shutoff is provided in the handle, handle is shaped to fit your hand allowing a positive grip on the coupling

Aluminum Part #	Price/E	Wt. (lbs)
GAW	\$66.30	.52



Additional spanner wrenches on pages 620-621

Spanner and Hydrant Wrenches

Long Handle Suction Spanner Wrench

Features:

- use on long handle, rocker lug, or pin lug couplings from 2½" - 6"
- open end slips over long handles for additional leverage, the claw fits rocker lugs or pin lugs, the other end can be used as a pry or crowbar
- inverted "T" body construction for lighter weight and improved strength
- can be used on Dixon's cam and groove pin lug or trapezoidal lug tank car adapters or 8" pin lug couplings
- overall length 18¾"



<i>Plated Iron</i> Part #	Price/E	Wt. (lbs)
LHW	\$372.00	3.25

Forestry Hose Clamp and Spanner

Features:

- material: cast aluminum and brass
- off-set handle enables the user to easily operate the clamp while wearing gloves
- to be used with lightweight 1" and 1½" hoses for pressures up to 200 PSI
- when clamped onto the hose the brass locking device safely holds the clamp in position, a spanner is an integral part of the clamp
- overall length 10"



<i>Cast Aluminum</i> Part #	Price/E	Wt. (lbs)
FHCS150	\$192.00	.63

Aluminum Forestry Pocket Spanner Wrench

Features:

- FSW1: for use on 1" hoses only
- FSW2: for 1" and 1½" hose couplings
- overall length 5"
- meets USFDA specification 5100-101C



<i>Aluminum</i> Part #	Price/E	Wt. (lbs)
FSW1	\$39.55	.12
FSW2	39.55	.12

P

Storz Wrenches

Pin Lug Spanner Wrenches - Single End

Size	Plated Iron Part #	Price/E
1½"	SW15	\$9.80
2"	SW20	10.15
2½"	SW25	11.55
3"	SW30	13.25
4"	SW40	13.85
6"	SW60	84.85



Storz Spanner Wrench - Single End

Features:

- SW1530 fits 1½" - 3" Storz
- SZW2 for use on 4" and 5" Storz

Storz Size	Material	Wt. Lbs.	New Part #	Price/E
1½" - 3"	AL-MAG 35	1	SW1530	\$66.00
4" - 6"	AL-MAG 35	1	SZW2	51.35



Storz Spanner Wrenches - Double End

Used On	Material	Part #	Price/E
2" - 5"	aluminum	SZW2-NL	\$61.20
2" - 5"	steel	SW-S400	50.00



SZW2-NL



SW-S400

Holder with (2) Wrenches - Double Ended

Part #	Description	Price/E
SWB-2	2 Storz aluminum wrenches (2½" - 5") with bracket	\$158.85
SWB-S-2	2 Storz steel wrenches (2½" - 5") with bracket	171.70
SWB-S-4	4 Storz steel wrenches (2½" - 5") with bracket	204.00



P

Synthetic Single Jacket Mill Hose

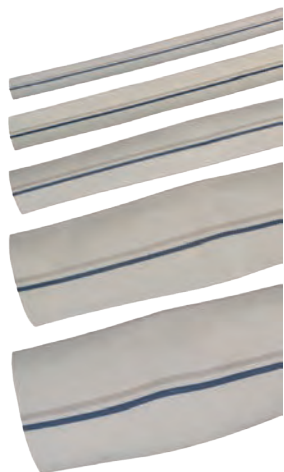
Application:

- Used in open end water discharge applications only. Not intended for fire fighting service.



Features:

- outer construction: single jacket, all polyester
- tube construction: black, PVC rubber
- rated pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **112 PSI** at ambient temperature (70°F)
- Consult Dixon for pricing and availability on 75' lengths and other threads and configurations.



Uncoupled

Size	Bowl	Length	Part #	Price/E
1"	1-1/4"	50'	M10-50UC	\$91.55
1"	1-1/4"	100'	M10-100UC	183.00
1½"	1-11/16"	25'	M15-25UC	50.45
1½"	1-11/16"	50'	M15-50UC	101.00
1½"	1-11/16"	100'	M15-100UC	202.00
2"	2-3/8"	25'	M20-25UC	58.30
2"	2-3/8"	50'	M20-50UC	117.00
2"	2-3/8"	100'	M20-100UC	234.00
2½"	2-11/16"	25'	M25-25UC	80.75
2½"	2-11/16"	50'	M25-50UC	161.00
2½"	2-11/16"	100'	M25-100UC	323.00
3"	3-3/8"	25'	M30-25UC	96.60
3"	3-3/8"	50'	M30-50UC	193.00
3"	3-3/8"	100'	M30-100UC	387.00
4"	4-3/8"	25'	M40-25UC	147.00
4"	4-3/8"	50'	M40-50UC	294.00
4"	4-3/8"	100'	M40-100UC	588.00
6"	6-3/8"	25'	M60-25UC	259.00
6"	6-3/8"	50'	M60-50UC	518.00

Coupled with female and male expansion ring couplings



P

Size	Length	Rocker Lug Aluminum NPSH RAS	Price	Rocker Lug Aluminum NST (NH) RAF	Price	Rocker Lug Aluminum MNPT x MNPT RAT	Price	Rocker Lug Aluminum CT RA ¹	Price
1½"	50'	M15-50RAS	\$194.75	M15-50RAF	\$194.75	M15-50RAT	\$194.75	---	---
1½"	100'	M15100RAS	284.40	M15100RAF	284.40	M15100RAT	284.40	---	---
2"	50'	M20-50RAS	284.40	---	---	M20-50RAT	284.40	---	---
2"	100'	M20100RAS	383.30	---	---	M20100RAT	383.30	---	---
2½"	25'	M25-25RAS	216.40	M25-25RAF	216.40	---	---	M25-25RA¹	POR
2½"	50'	M25-50RAS	315.30	M25-50RAF	315.30	M25-50RAT	327.65	M25-50RA¹	POR
2½"	100'	M25100RAS	474.50	M25100RAF	474.50	M25100RAT	489.95	M25100RA¹	POR

¹ Customer Thread (*must specify*) refer to legend on page 566

Consult Dixon for pricing and availability for any of the following features:

- 75' lengths
- other threads and configurations

Synthetic Single Jacket Mill Hose

Application:

- used in open end water discharge applications only, not intended for fire fighting service

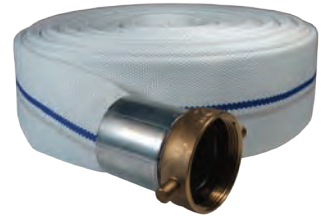


Features:

- outer construction: single jacket, all polyester
- tube construction: black, PVC rubber
- Consult Dixon for pricing and availability of additional lengths and other configurations.

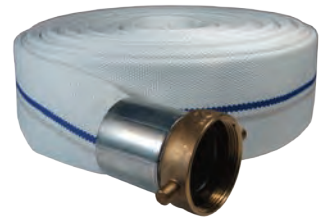
Coupled with NPSH female and male King short shank couplings, crimp sleeve, Aluminum shank with brass pin lug swivel nut

Size	Clamps per End	Length	Working Pressure PSI at 70°F	Part #	Price/E
1½"	2	25'	75	M15-25KAS	\$89.80
1½"	2	50'	75	M15-50KAS	150.00
2"	2	25'	75	M20-25KAS	115.00
2"	2	50'	75	M20-50KAS	179.30
2½"	2	25'	50	M25-25KAS	148.00
2½"	2	50'	50	M25-50KAS	230.30
3"	3	25'	50	M30-25KAS	185.50
3"	3	50'	50	M30-50KAS	279.75



Coupled with NST (NH) female and male King short shank couplings, crimp sleeve, Aluminum shank with brass pin lug swivel nut

Size	Clamps per End	Length	Working Pressure PSI at 70°F	Part #	Price/E
1½"	2	25'	75	M15-25KAF	\$107.00
1½"	2	50'	75	M15-50KAF	165.40
2½"	2	25'	50	M25-25KAF	168.50
2½"	2	50'	50	M25-50KAF	250.40



Coupled with female and male (C & E) global aluminum cam and groove, crimp sleeve

Size	Clamps per End	Length	Working Pressure PSI at 70°F	Part #	Price/E
1½"	2	25'	112	M15-25GAX	\$104.00
1½"	2	50'	112	M15-50GAX	162.30
2"	2	25'	112	M20-25GAX	136.00
2"	2	50'	112	M20-50GAX	199.40
2½"	2	25'	112	M25-25GAX	163.85
2½"	2	50'	112	M25-50GAX	245.75
3"	2	25'	112	M30-25GAX	188.55
3"	2	50'	112	M30-50GAX	284.40
4"	2	25'	112	M40-25GAX	275.10
4"	2	50'	112	M40-50GAX	434.30



P

Consult Dixon for pricing and availability for any of the following options:

- additional lengths
- other configurations


2014
NEW

Black Nitrile Washdown Hose

Application:

- ideal for industrial, agricultural and construction washdown and discharge applications

Features:

- resistant to weather and abrasion
- working pressure: 200 PSI
- not for firefighting 



Uncoupled

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	WDH15BK50UC	\$225.95
1½"	1-13/16"	100'	WDH15BK100UC	451.90
2"	2¼"	50'	WDH20BK50UC	251.40
2"	2¼"	100'	WDH20BK100UC	502.80

Coupled



Size	Coupling Type	Length	Part #	Price/E
1½"	aluminum NST (NH)	50'	WDH15BK50RAF	\$250.75
1½"	aluminum NPSH	50'	WDH15BK50RAS	250.75
1½"	aluminum NST (NH) suction	50'	WDH15BK50KAF	238.65
1½"	aluminum NPSH suction	50'	WDH15BK50KAS	238.65
1½"	aluminum cam & groove suction	50'	WDH15BK50GAX	249.25
1½"	aluminum NST (NH)	100'	WDH15BK100RAF	450.80
2"	aluminum NPSH	50'	WDH20BK50RAS	282.55
2"	aluminum cam and groove	50'	WDH20BK50GAX	281.10
2"	aluminum NPSH suction	50'	WDH20BK50KAS	270.50
2"	aluminum NPSH	100'	WDH20BK100RAS	480.25
2"	aluminum cam and groove	100'	WDH20BK100GAX	480.25
2"	aluminum NPSH suction	100'	WDH20BK100KAS	480.25

Synthetic Double Jacket Mill Hose

Application:

- ideal for open end discharge applications, not intended for fire fighting service



Features:

- outer construction: double jacket, all polyester
- tube construction: black, PVC rubber
- rated pressure: **250 PSI** at 70°F
- working pressure: **200 PSI** at 70°F

Uncoupled

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	DM15-50UC	\$181.00
1½"	1-13/16"	100'	DM15-100UC	363.00
2"	2-5/16"	50'	DM20-50UC	223.00
2"	2-5/16"	100'	DM20-100UC	445.00
2½"	2-7/8"	50'	DM25-50UC	268.00
2½"	2-7/8"	100'	DM25-100UC	537.00



Coupled with female and male NST (NH) thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	DM15-50RAF	\$236.50
1½"	1-13/16"	100'	DM15100RAF	435.85
2½"	2-7/8"	50'	DM25-50RAF	366.30
2½"	2-7/8"	100'	DM25100RAF	647.55

Coupled with female and male NPSH thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	DM15-50RAS	\$236.50
1½"	1-13/16"	100'	DM15100RAS	435.85
2½"	2-7/8"	50'	DM25-50RAS	366.30
2½"	2-7/8"	100'	DM25100RAS	647.55



Coupled with female and male Customer thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #	Price/E
2½"	2⅞"	50'	DM25-50RA ¹	POR
2½"	2⅞"	100'	DM25100RA ¹	POR

¹ Customer Thread (*must specify*) refer to legend on page 566

Coupled with male (NPT) x male (NPT) thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	DM15-50RAT	\$296.75
1½"	1-13/16"	100'	DM15100RAT	435.85
2"	2-5/16"	50'	DM20-50RAT	372.50
2"	2-5/16"	100'	DM20100RAT	573.40
2½"	2-7/8"	50'	DM25-50RAT	434.30
2½"	2-7/8"	100'	DM25100RAT	663.00



Consult Dixon for pricing and availability for any of the following options:

- 75' lengths
- other threads and configurations



300# Single Jacket All Polyester Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **300 PSI**
- service test pressure: **150 PSI** at ambient temperature (70°F)
- working pressure: **135 PSI** at ambient temperature (70°F)
- consult Dixon for pricing and availability on 25' and 75' lengths, U/L labeled hoses and other threads and configurations



Uncoupled

Size	Bowl	Length	Part #	Price/E
1½"	1-3/4"	50'	A315-50UC	\$174.80
1½"	1-3/4"	100'	A315-100UC	349.60
2"	2-1/4"	50'	A320-50UC	284.95
2"	2-1/4"	100'	A320-100UC	569.90
2½"	2-13/16"	50'	A325-50UC	297.85
2½"	2-13/16"	100'	A325-100UC	595.70
3"	3-3/8"	50'	A330-50UC	478.95
3"	3-3/8"	100'	A330-100UC	958.00

Coupled with female and male expansion ring couplings



Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS	Rocker Lug Aluminum CT RA_1
1½"	50'	A315-50	\$266.25	\$298.15	\$321.90	\$266.25	---
1½"	100'	A315100	452.20	530.35	530.35	452.20	---
2"	50"	A320-50	---	---	---	566.60	---
2"	100'	A320100	---	---	---	865.95	---
2½"	25'	A325-25	---	---	---	---	POR
2½"	50'	A325-50	430.10	562.30	650.00	430.10	POR
2½"	100'	A325100	793.50	902.70	959.80	793.50	POR
3"	50'	A330-50	---	---	---	808.55	---
3"	100'	A330100	---	---	---	1311.70	---

¹ Customer Thread (*must specify*) refer to legend on page 566
 Consult Dixon for pricing and availability for any of the following options:

- other threads and configurations

500# Single Jacket All Polyester Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)
- consult Dixon for pricing and availability of 75' lengths, U/L labeled hoses and other threads and configurations

Uncoupled

Size	Bowl	Length	Part #	Price/E
1"	1-1/4"	50'	A510-50UC	\$158.85
1"	1-1/4"	100'	A510-100UC	317.70
1½"	1-3/4"	50'	A515-50UC	191.05
1½"	1-3/4"	100'	A515-100UC	382.10
2½"	2-13/16"	50'	A525-50UC	322.40
2½"	2-13/16"	100'	A525-100UC	644.80



Coupled with female and male expansion ring couplings

Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS	Rocker Lug Aluminum RA_1
1"	50'	A510-50	---	---	---	\$275.95	---
1"	100'	A510100	---	---	---	464.75	---
1½"	25'	A515-25	\$205.30	---	---	205.30	---
1½"	50'	A515-50	281.45	\$324.25	\$377.30	281.45	---
1½"	100'	A515100	462.10	504.25	536.45	462.10	---
2½"	25'	A525-25	339.05	---	---	339.05	POR
2½"	50'	A525-50	472.15	612.25	645.00	472.15	POR
2½"	100'	A525100	774.25	904.70	1050.60	774.25	POR



¹ Customer Thread (*must specify*) refer to legend on page 566
 Consult Dixon for pricing and availability for any of the following features:
 • other threads and configurations

500# Single Jacket All-Polyester Fire Hose - UL labeled

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)
- Underwriters Listed
- consult Dixon for pricing and availability of impregnated hose and other lengths threads and configurations

Coupled with female and male expansion ring couplings

Size	Bowl	Length	NST Thread Part #	NPSH Thread Part #	Price/E
1½"	combo lug, brass	50'	A515U50CBF	A515U50CBS	\$371.30
1½"	combo lug, brass	75'	A515U75CBF	A515U75CBS	POR
1½"	combo lug, brass	100'	A515U100CBF	A515U100CBS	POR
2½"	combo lug, brass	50'	A525U50CBF	---	---



P

500# Single Jacket All-Polyester Fire Hose - Color Impregnated



Orange

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI**
- working pressure: **225 PSI** at ambient temperature (70°F)
- consult Dixon for pricing and availability of other colors, lengths, threads and configurations



Red

Coupled with female and male expansion ring couplings

Size	Coupling Type	Length	Color	Part #	Price/E
1½"	rocker lug, aluminum, NST (NH)	50'	yellow	<i>A515Y50RAF</i>	\$328.10
1½"	rocker lug, aluminum, NST (NH)	50'	red	<i>A515R50RAF</i>	328.10
1½"	rocker lug, aluminum, NST (NH)	50'	orange	<i>A515OR50RAF</i>	328.10
1½"	rocker lug, aluminum, NPSH	50'	orange	<i>A515OR50RAS</i>	328.10

800# Double Jacket All Polyester Fire Hose

Features:

- outer construction: double jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **800 PSI**
- service test pressure: **400 PSI**
- working pressure: **360 PSI** at ambient temperature (70°F)
- consult Dixon for pricing and availability of 75' lengths and other threads and configurations

Coupled with female and male expansion ring couplings

Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS
1½"	25'	D815-25	\$226.60	---	---	---
1½"	50'	D815-50	349.90	\$372.80	\$425.05	\$349.90
1½"	100'	D815100	596.50	619.45	667.00	596.50
2½"	25'	D825-25	381.45	---	---	---
2½"	50'	D825-50	577.65	719.75	764.10	577.65
2½"	100'	D825100	1043.80	1119.80	1203.45	1043.80



800# Double Jacket All-Polyester Fire Hose Yellow Impregnated

Features:

- outer construction: double jacket, all polyester
- tube construction: black, synthetic rubber liner
- proof pressure: **800 PSI** at 70°F (21°C)
- service test pressure: **400 PSI** at 70°F (21°C)
- working pressure: **360 PSI** at 70°F (21°C)

Coupled with female and male NST (NH) thread, rocker lug, aluminum expansion ring couplings

Size	Length	Part #	Price/E
1½"	50'	D815Y50RAF	\$413.00
1½"	100'	D815Y100RAF	722.70
2½"	50'	D825Y50RAF	650.05
2½"	100'	D825Y100RAF	1147.10

Coupled with female and male thread, rocker lug, aluminum expansion ring couplings

Size	Thread	Length	Part #	Price/E
1½"	NPSH	50'	D815Y50RAS	\$413.00
1½"	NPSH	100'	D815Y100RAS	722.70



P

Consult Dixon for pricing and availability for any of the following options:

- other lengths, threads and couplings
- other colors: yellow, red, blue, tan, orange, green, black

MSHA Approved Mine Fire Hose

Specifications:

- approved by MSHA : Mine Safety and Health Administration for all mine fire protection applications

Single Jacket



Features:

- outer construction: single jacket, synthetic flame resistant
- tube construction: flame resistant lining
- proof pressure: **500 PSI** at 70°F (21°C)
- service test pressure: **250 PSI** at 70°F (21°C)
- working pressure: **225 PSI** at 70°F (21°C)

Coupled with female and male aluminum rocker lug expansion ring couplings

Size	Length	Thread	Part #	Price
1½"	50'	NST (NH)	SM515W50RAF	\$561.05
1½"	50'	NPSH	SM515W50RAS	561.05

Double Jacket



Features:

- outer construction: double jacket, synthetic flame resistant
- tube construction: flame resistant lining
- proof pressure: **800 PSI** at 70°F (21°C)
- service test pressure: **400 PSI** at 70°F (21°C)
- working pressure: **360 PSI** at 70°F (21°C)

Coupled with female and male aluminum rocker lug expansion ring couplings

Size	Length	Thread	Part #	Price
1½"	50'	NST (NH)	DM815W50RAF	\$660.00
1½"	50'	NPSH	DM815W50RAS	660.00

Double Jacket Potable Water Hose - Blue

Features:

- outer construction: double jacket, all polyester
- tube construction: thermoplastic
- proof pressure: **600 PSI** at 70°F (21°C)
- service test pressure: **300 PSI** at 70°F (21°C)
- working pressure: **270 PSI** at 70°F (21°C)

Coupled with female and male thread, rocker lug, brass expansion ring couplings

P



Size	Length	Thread	Brass Part #	Price/E	Aluminum Part #	Price/E
1½"	50'	NPSH	PW615B50RBS	\$514.75	PW615B50RAS	\$440.70
1½"	100'	NPSH	PW615B100RBS	840.00	PW615B100RAS	752.35
1½"	50'	NST (NH)	PW615B50RBF	514.75	PW615B50RAF	440.70
1½"	100'	NST (NH)	PW615B100RBF	840.00	PW615B100RAF	752.35
2½"	50'	NPSH	PW625B50RBS	926.45	PW625B50RAS	729.70
2½"	100'	NPSH	PW625B100RBS	1493.15	PW625B100RAS	1297.00
2½"	50'	NST (NH)	PW625B50RBF	926.45	PW625B50RAF	729.70
2½"	100'	NST (NH)	PW625B100RBF	1493.15	PW625B100RAF	1297.00

500# All Polyester Rack Hose - Aluminum Couplings UL Labeled

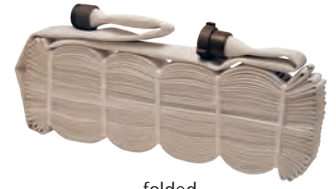
Application:

- for pin rack service / emergency fire fighting only, not to be used for washdown



Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: **300 PSI** at ambient temperature (70°F)
- service test pressure: **150 PSI** at ambient temperature (70°F)
- working pressure: **135 PSI** at ambient temperature (70°F)
- Underwriters Listed



folded



coiled

Coupled with female and male aluminum rocker lug expansion ring couplings

Size	Length	Thread	Folded Part #	Price	Coiled Part #	Price
1½"	50'	NST (NH)	R515U50RAF/F	\$246.65	R515U50RAF	\$246.65
1½"	50'	NPSH	R515U50RAS/F	246.65	R515U50RAS	246.65
1½"	100'	NST (NH)	R515U100RAF/F	442.45	R515U100RAF	442.45
1½"	100'	NPSH	R515U100RAS/F	442.45	R515U100RAS	442.45

500# All Polyester Rack Hose - Aluminum Couplings non-UL Labeled

Application:

- for pin rack service / emergency fire fighting only, not to be used for washdown



Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: **500 PSI**
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)



folded



coiled

Coupled with female and male aluminum rocker lug expansion ring couplings

Size	Length	Thread	Folded Part #	Price	Coiled Part #	Price
1½"	50'	NST (NH)	R515-50RAF/F	\$217.35	R515-50RAF	\$217.35
1½"	50'	NPSH	R515-50RAS/F	217.35	R515-50RAS	217.35
1½"	100'	NST (NH)	R515100RAF/F	342.80	R515100RAF	342.80
1½"	100'	NPSH	R515100RAS/F	342.80	R515100RAS	342.80



500# All Polyester Rack Hose - Brass Couplings non-UL Labeled



folded



coiled

Application:

- for pin rack service / emergency fire fighting only, not to be used for washdown



Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: **500 PSI** at ambient temperature (70°F)
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)

Coupled with female and male brass combo lug expansion ring couplings

Size	Length	Thread	Folded Part #	Price	Coiled Part #	Price
1½"	50'	NST (NH)	R515-50CBF/F	\$240.75	R515-50CBF	\$240.75
1½"	100'	NST (NH)	R515100CBF/F	386.25	R515100CBF	386.25

UL 500# All Polyester Rack Hose - Brass Couplings UL Labeled



folded



coiled

Application:

- for pin rack service / emergency fire fighting only, not to be used for washdown



Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: **300 PSI** at ambient temperature (70°F)
- service test pressure: **150 PSI** at ambient temperature (70°F)
- working pressure: **135 PSI** at ambient temperature (70°F)
- Underwriters Listed

Coupled with female and male brass combo lug expansion ring couplings

Size	Length	Thread	Folded Part #	Price	Coiled Part #	Price
1½"	50'	NST (NH)	R515U50CBF/F	\$269.75	R515U50CBF	\$269.75
1½"	100'	NST (NH)	R515U100CBF/F	467.75	R515U100CBF	467.75

P

400# Nitrile Covered Fire Hose - Light Duty Red

Application:

- ideal for industrial and construction washdown and discharge applications

Features:

- synthetic rubber compound formulated for flexibility and abrasion and chemical resistance
- ribbed for hose protection and easy handling
- outer construction: thin ribbed nitrile
- tube construction: nitrile
- proof pressure: **400 PSI** at ambient temperature (70°F)
- service test pressure: **200 PSI** at ambient temperature (70°F)
- working pressure: **180 PSI** at ambient temperature (70°F)

Uncoupled

Size	Bowl	Length	Part #	Price/E
2"	2¼"	50'	H420R50UC	\$545.30



Coupled with Female and Male NPSH thread, brass expansion ring couplings with rocker lugs

Size	Length	Part #	Price/E
2"	50'	H420R50RBS	\$753.85



Consult Dixon for pricing and availability for any of the following features:

- other lengths, threads and couplings

500# Nitrile Covered Fire Hose - Light Duty Red

Application:

- ideal for industrial and construction washdown and discharge applications

Features:

- outer construction: thin ribbed nitrile
- tube construction: nitrile
- proof pressure: **500 PSI** at ambient temperature (70°F)
- service test pressure: **250 PSI** at ambient temperature (70°F)
- working pressure: **225 PSI** at ambient temperature (70°F)
- Consult Dixon for pricing and availability of 25' lengths, other colors, threads and configurations

Uncoupled

Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	H515R50UC	\$390.60
2½"	2-13/16"	50'	H525R50UC	573.60
1½"	1-13/16"	100'	H515R100UC	781.20
2½"	2-13/16"	100'	H525R100UC	1147.20



P

Coupled with female and male expansion ring couplings

Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS
1½"	50'	H515R50	\$488.95	\$510.75	\$565.50	\$488.95
2½"	50'	H525R50	726.50	876.70	920.00	726.50
1½"	100'	H515R100	896.00	---	---	896.00
2½"	100'	H525R100	1065.05	---	---	1064.95



Consult Dixon for pricing and availability for any of the following options:

- other lengths, threads and couplings
- other colors: yellow, red, blue and black

Nitrile Covered Fire Hose - Heavy Duty - Yellow

Application:

- ideal for heavy-duty washdown, refineries and power plants

Features:

- Extruded interlocking matrix fire hose with 100% synthetic circular woven polyester reinforcement.
- heavy ribbed for severe service
- outer construction: thick ribbed nitrile
- tube construction: nitrile
- proof pressure at ambient temperature (70°F):
 - 1½" - 3": **600 PSI**
 - 4": **450 PSI**
 - 5": **400 PSI**
 - 6": **300 PSI**
- service test pressure at ambient temperature (70°F):
 - 1½" - 3": **300 PSI**
 - 4": **225 PSI**
 - 5": **200 PSI**
 - 6": **150 PSI**
- working pressure at ambient temperature (70°F):
 - 1½" - 3": **270 PSI**
 - 4": **200 PSI**
 - 5": **180 PSI**
 - 6": **135 PSI**
- Consult Dixon for pricing and availability of 25' lengths and other colors, threads and configurations

Uncoupled



Size	Bowl	Length	Part #	Price/E
1½"	1-13/16"	50'	H615Y50UC	\$600.85
2"	2-1/4"	50'	H620Y50UC	606.05
2½"	2-13/16"	50'	H625Y50UC	701.75
3"	3-3/8"	50'	H630Y50UC	803.75
4"	4-3/8"	50'	H440Y50UC	1108.85
5"	5-3/8"	50'	H450Y50UC	1076.55
6"	6-3/8"	50'	H360Y50UC	1786.05

Coupled with female and male expansion ring couplings



Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Pin Lug Brass NST (NH) PBF	Rocker Lug Aluminum NPSH RAS
1½"	50'	H615Y50	\$551.70	\$600.15	\$650.00	\$551.70
2½"	50'	H625Y50	835.75	982.20	1040.00	835.75
1½"	100'	H615Y100	918.50	---	---	918.50
2½"	100'	H625Y100	1462.90	---	---	1462.90

Coupled with female and male segmented collar style couplings



Size	Length	Storz size	Part #	Price/E
4"	50'	4"	H440Y50SZ	\$1376.95
5"	50'	5"	H450Y50SZ	1700.30
6"	50'	6"	H360Y50SZ	2945.00
4"	100'	4"	H440Y100SZ	2277.00
5"	100'	5"	H450Y100SZ	2920.00

Features:

- working pressures can be achieved using appropriate expansion ring couplings
- under no circumstance should the hose be used beyond the working pressure of the fittings to which it is coupled
- assembled hose should be hydrostatically proof tested before use, and thereafter in accordance with NFPA 1962



Non-collapsible Chemical Booster Hose - Red

Features:

- vertical braid construction and red ozone resistant outer cover
- designed to withstand the weathering and abrasion associated with severe service
- working pressure: **800 PSI** at ambient temperature (70°F)
- ¾" and 1" NST (NH) threads are the same size; also known as Chemical Hose Thread (CHT) or Booster Hose Thread
- see page 618 for hole type spanner wrench
- consult Dixon for pricing and availability of other lengths, threads and couplings



Coupled with female and male NST (NH) thread, chromed brass hole type couplings

Size	Length	Part #	Price/E
¾"	50'	80B07-50HCF	\$1040.65
¾"	100'	80B07-100HCF	1729.55
1"	50'	80B10-50HCF	1315.20
1"	100'	80B10-100HCF	2076.90

Non-collapsible Fire and Utility Hose - Red

Features:

- outer construction is designed to withstand abrasion
- working pressure: **200 PSI** at ambient temperature (70°F)
- burst pressure: **600PSI** at ambient temperature (70°F)
- consult Dixon for pricing and availability of other lengths, threads and configurations

Coupled with female and male NST (NH) thread, rocker lug, brass expansion ring couplings

Size	Length	Part #	List Price
1½"	50'	15B15-50RBF	\$1173.10
1½"	75'	15B15-75RBF	1583.90
1½"	100'	15B15-100RBF	1953.70



Coupled with female and male NPSH thread, rocker lug, brass expansion ring couplings

Size	Length	Part #	List Price
1½"	50'	15B15-50RBS	\$1173.10
1½"	100'	15B15-100RBS	1953.70



Dixon PVC Flexible Suction Hose

Features:

- designed for drafting use only
- maximum operating pressure: **35 PSI**
- lightweight, flexible
- design incorporates engineered polymers and extruded aluminum parts to maximize strength, durability and performance.
- maximum operating pressure: **35 PSI**
- couplings - NST (NH), Cam and Groove, Storz, and special threads
- sizes - 2½", 3", 4", 4½", 5" and 6" standard smaller and larger diameters available, consult Dixon
- lengths - 10' standard length, other lengths available upon request, consult Dixon



female L/H x male R/L



storz x storz



cam & groove x cam & groove

Size	Length	Thread	Female L/H x Male Part #	Price/E	Female R/L x Male Part #	Price/E	Storz x Storz Part #	Price/E	Cam & Groove x Cam & Groove Part #	Price/E
2½"	10'	NST (NH)	FSH-9682-000	\$530.25	FSH-9682-050	\$530.25	FSH-9682-020	\$627.90	FSH-9682-030	\$690.90
		BAT	FSH-9682-000B	505.00	FSH-9682-050B	505.00	---	---	---	---
		CSA	FSH-9682-000C	505.00	FSH-9682-050C	505.00	---	---	---	---
		WCT	FSH-9682-000W	505.00	FSH-9682-050W	505.00	---	---	---	---
		NS1	FSH-9682-000NS	505.00	FSH-9682-050NS	505.00	---	---	---	---
		QST	FSH-9682-000Q	505.00	FSH-9682-050Q	505.00	---	---	---	---
3"	10'	NST (NH)	FSH-9682-100	744.45	FSH-9682-150	744.45	FSH-9682-120	828.45	FSH-9682-130	798.00
4"			FSH-9682-200	872.55	FSH-9682-250	872.55	FSH-9682-220	1170.75	FSH-9682-230	882.00
4½"			FSH-9682-300	1201.20	FSH-9682-350	1201.20	---	---	---	---
5"			FSH-9682-400	1275.75	FSH-9682-450	1275.75	FSH-9682-420	1530.90	FSH-9682-430	1328.25
6"			FSH-9682-500	1509.90	FSH-9682-550	1509.90	FSH-9682-520	2105.25	FSH-9682-530	1659.00

P

Dixon PVC Flexible Suction Hose Suction Hose Accessories

Application:

- designed with use for Dixon suction hose only



Suction Coupling - Female Swivel With Shank

Hose Size	Thread	Long Handle Part #	Price/E	Rocker Lug Part #	Price/E
2½ ¹	NST (NH)	FSH-9644-25F	\$166.60	FSH-9645-25F	\$166.60
3"		FSH-9644-30F	200.00	FSH-9645-30F	200.00
4"		FSH-9644-40F	240.00	FSH-9645-40F	240.00
4½"		FSH-9644-45F	260.00	FSH-9645-45F	260.00
5"		FSH-9644-50F	280.00	FSH-9645-50F	280.00
6"		FSH-9644-60F	335.45	FSH-9645-60F	335.45

¹ 3" hose shank



long handle



rocker lug

Suction Coupling - Male R/L With Shank

Hose Size	Thread	Male Coupling Part #	Price/E
2½ ¹	NST (NH)	FSH-9293-25F	\$153.30
3"		FSH-9293-30F	153.30
4"		FSH-9293-40F	243.60
4½"		FSH-9293-45F	161.70
5"		FSH-9293-50F	179.55
6"		FSH-9293-60F	210.00

¹ 3" hose shank



Suction Coupling - Storz With Shank

Hose Size	Storz Coupling Part #	Price/E
2½ ¹	FSH-9293-020	\$121.80
3"	FSH-9293-120	121.80
4"	FSH-9293-220	202.65
5"	FSH-9293-420	332.85
6"	FSH-9293-520	463.05

¹ 3" hose shank



Application:

- designed with use for Dixon suction hose only



Suction Coupling - Hose Clamp Sets (2 pieces per set)

Hose Size	Clamp Part #	Price/E
2½	FSH-9296-000	\$48.75
3"	FSH-9296-100	48.75
4"	FSH-9296-200	65.00
4½"	FSH-9296-300	121.80
5"	FSH-9296-400	121.80
6"	FSH-9296-500	145.95



Style Brute Expanders

Model 2

Bench Model Electric/Hydraulic



Features:

- designed for hose manufacturers and higher volume
- may be used to attach 1" thru 6" couplings
- 3,000 lb pump, 2,500 lb. workable
- 3,450 RPM, 1½ horsepower, single phase, 220 volt motor
- cylinder has 6" stroke, 4" bore, and 38,000 lbs of total thrust
- oil capacity: 9 gallons
- manually set external pressure relief valve
- size: 22" wide x 22" deep x 16" high

Part #	Price/E	Wt. Lbs.
Brute2	\$21810.00	400

Expansion Unit Assemblies



Size	Steel		Wt. Lbs.
	Part #	Price/E	
1½"	16154	\$1151.00	4.51
1½" rack	16101-RH	1151.00	7.30
1¾"	16167	1151.00	7.30
2½" (Storz also)	16171	1151.00	7.30

- expansion ring and gasket guide can be found on page 639

Expansion Rings

Feature:

- used with the fire hose couplings listed on page 640

OD	Length	Wall Thickness	85/15 red brass		Wt. Lbs.
			Part #	Price/E	
1"	1¼"	.05	ER10125	\$8.50	.07
1½"	¾"	.05	ER1575	8.40	.06
1½"	7⁄8"	.05	ER1587	9.55	.07
1½"	1"	.05	ER1510	9.85	.07
1½"	1¼"	.05	ER15125	9.85	.09
1¾"	1¼"	.05	ER17125	13.45	.12
2½"	1¼"	.062	ER27125	17.80	.19
2½"	1½"	.062	ER27150	17.80	.21
3"	2"	.07	ER3020	29.90	.44
4"	2"	.092	ER4020	48.85	.60



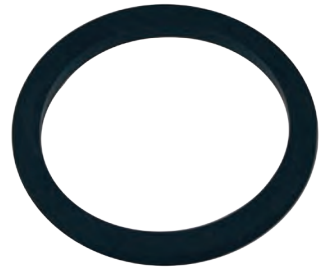
Fire Hose Coupling Washers

Swivel Washers

Feature:

- used on the swivel end of the fire hose couplings listed on page 640

ID	OD	Thickness	Buna-N		Wt. Lbs.
			Part #	Price/E	
1-1/16"	1-7/16"	1/8"	SW100F	\$2.00	.01
1-9/16"	2-1/16"	1/8"	SW150	2.00	.01
2-1/16"	2½"	1/8"	SW200	8.65	.02
2-9/16"	3-3/16"	3/16"	SW250	3.20	.02
3-1/16"	3-3/4"	1/4"	SW300F	6.85	.05
4-1/16"	5-1/8"	1/4"	SW400F	9.20	.09
4-9/16"	5-7/8"	1/4"	SW450F	10.25	.14
5-1/16"	6-3/8"	1/4"	SW500F	15.20	.09
6-1/16"	7-1/8"	1/4"	SW600F	19.75	.10



Tail Washers

Feature:

- used on the tail end of the fire hose couplings listed on page 640

ID	OD	Thickness	Buna-N		Wt. Lbs.
			Part #	Price/E	
1-1/32"	1-5/16"	3/16"	STW100	\$1.85	.01
1-9/16"	1-3/4"	3/16"	RTW150	1.95	.01
1-9/16"	1-15/16"	3/16"	STW150	1.85	.01
1-5/8"	2-1/8"	3/16"	DTW150	1.95	.01
2-9/16"	3"	1/4"	STW250	3.25	.02
2-5/8"	3-1/4"	1/4"	DTW250	3.25	.04
3-1/8"	3-25/32"	1/4"	DTW300	6.80	.04



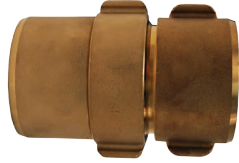
P

Expansion Ring Fire Hose Couplings

Features:

- special tooling is required to attach these couplings to hose (see page 638 for machine)
- all couplings come complete with expansion rings, swivel and tail washers
- for females only, use 2/3 set price, for males only, use 1/2 set price, both shipped from the factory only
- aluminum expansion ring couplings have 3 rocker lugs on the male and female

Brass Rocker Lug



Complete Set

Rack Hose

(no lugs on male)

Size	Thread	Bowl	Brass Part #	Price/E
1½"	NPSH	1-11/16"	RRH15168	\$97.80
1½"	NST (NH)	1-11/16"	RRH15168F	97.80

Single Jacket

Size	Thread	Bowl	Brass Part #	Price/E
1½"	NPSH	1-3/4"	RS15175	\$127.35
1½"	NPSH	1-13/16"	RS15181	127.35
2½"	NPSH	2-13/16"	RS25281	239.75
1½"	NST (NH)	1-3/4"	RS15175F	127.35
1½"	NST (NH)	1-13/16"	RS15181F	127.35
2½"	NST (NH)	2-13/16"	RS25281F	239.75

Double Jacket

Size	Thread	Bowl	Brass Part #	Price/E
1½"	NPSH	1-15/16"	RD15193	\$127.35
1½"	NPSH	2-1/16"	RD15206	127.35
2½"	NPSH	3"	RD253	239.75
1½"	NST (NH)	1-15/16"	RD15193F	127.35
2½"	NST (NH)	3"	RD253F	239.75

Aluminum Rocker Lug



Complete Set

Single Jacket

Size	Thread	Bowl	Aluminum Part #	Price/E
1"	NPSH	1-1/4"	S10125	\$47.25
1½"	NPSH	1-3/4"	S16175	53.05
1½"	NPSH	1-11/16"	S16168	53.05
1½"	NPSH	1-13/16"	S16181	53.05
2"	NPSH	2-1/4"	S20225	93.10
2"	NPSH	2-3/8"	S20375	93.10
2½"	NPSH	2-13/16"	S26281	102.50
1½"	NST (NH)	1-11/16"	S16168F	53.05
1½"	NST (NH)	1-3/4"	S16175F	53.05
1½"	NST (NH)	1-13/16"	S16181F	53.05
2½"	NST (NH)	2-11/16"	S26268F	102.50
2½"	NST (NH)	2-13/16"	S26281F	102.50
1½"	MNPT	1-11/16"	MS16168T¹	45.10
1½"	MNPT	1-3/4"	MS16175T¹	41.50
2"	MNPT	2-1/4"	MS20225T¹	53.75
2½"	MNPT	2-11/16"	MS26268T¹	65.95

¹ male fitting only

Double Jacket

Size	Thread	Bowl	Aluminum Part #	Price/E
1½"	NPSH	1-13/16"	D16181	\$53.05
1½"	NPSH	1-15/16"	D16193	53.05
1½"	NPSH	2-1/16"	D16206	62.35
2"	NPSH	2-5/16"	D20231	92.20
2½"	NPSH	3"	D263	103.00
1½"	NST (NH)	1-13/16"	D16181F	53.05
1½"	NST (NH)	1-15/16"	D16193F	53.05
1½"	NST (NH)	2-1/16"	D16206F	62.35
2½"	NST (NH)	2-7/8"	D26287F	103.00
2½"	NST (NH)	3"	D263F	103.00
1½"	MNPT	1-13/16"	MD16181T¹	41.50
2"	MNPT	2-5/16"	MD20231T¹	53.75
2½"	MNPT	2-7/8"	MD26287T¹	65.95

¹ male fitting only

Hose Type Booster Hose Couplings

Features:

- special tooling is required to attach these couplings to hose
- hardcoat finish
- complete set
- working pressure: **800 PSI** at ambient temperature (70°F)
- ¾" and 1" NST threads are the same size; also known as **Chemical Hose Thread (CHT)** or **Booster Hose Thread**



Hose Size	Thread Type	Bowl Size	Aluminum Hardcoat		Wt. Lbs.
			Part #	Price/E	
¾"	1" NPSH	1-3/16"	ABH08118	\$210.00	.55
¾"	1" NPSH	1-1/4"	ABH08125	210.00	.55
1"	1" NST (NH)	1-7/16"	ABH10143F	210.00	.60
1"	1" NST (NH)	1-1/2"	ABH10150F	210.00	.60
1"	1" NPSH	1-1/2"	ABH10150S	210.00	.60
1"	1" NST (NH)	1-9/16"	ABH10156F	210.00	.60

Hole Type Booster Hose Couplings

Features:

- special tooling is required to attach these couplings to hose
- polished chrome plated
- complete set
- working pressure: **800 PSI** at ambient temperature (70°F)
- ¾" and 1" NST threads are the same size; also known as **Chemical Hose Thread (CHT)** or **Booster Hose Thread**



Hose Size	Thread Type	Bowl Size	Brass		Wt. Lbs.
			Part #	Price/E	
¾"	¾" NST (NH)	1-3/16"	BW07118F-PC	\$353.00	2
¾"	¾" NST (NH)	1-1/4"	BW07125F-PC	353.00	2
1"	1" NST (NH)	1-7/16"	BW10143F-PC	393.05	3
1"	1" NST (NH)	1-1/2"	BW10150F-PC	393.05	3
1"	1" NPSH	1-1/2"	BW10150S-PC	393.05	3
1"	1" NST (NH)	1-9/16"	BW10156F-PC	393.05	3

Booster Hose Installation Kit

Feature:

- set includes: 2 aluminum clamps, key, wrench and a half pint of tar lube

Hose Size	Brass		Wt. Lbs.
	Part #	Price/E	
¾"	BW75AT	\$704.00	2.95
1"	BW10AT	859.00	4.17



P



Pin Rack Hose Assembly



Features:

- components include: rack nipple, U/L **300 PSI** angle valve, semi-automatic fire hose pin rack, brass rack nozzle, and a length of 1½" pin rack hose
- U/L listed and Factory Mutual approved

NST (NH) Thread	Hose	Part #	Wt. Lbs.	Price/E
1½"	50'	FHPR150-50CBF	20	\$850.00
1½"	75'	FHPR150-75CBF	25	935.00
1½"	100'	FHPR150-100CBF	30	950.00

Semi Automatic Fire Hose Pin Racks

Features:

- red steel enameled
- holds up to 100' of either 1½" or 2½" rack hose
- 1½" is U/L listed and Factory Mutual approved



Hose Size	For use with:		Steel Part #	Wt. Lbs.	Price/E
	Valve	Nipple			
1½"	AVF150	PRN150F	FHPR150	4.4	\$149.00
2½"	AVF250	PRN250F	FHPR2515	4.5	170.00

Pin Rack Covers



Features:

- 10 oz. red vinyl with Velcro™ closures
- used on FHPR150, FHPR150-50CBF, FHPR150-75CBF, FHPR150-100CBF

Size	Vinyl Part #	Wt. Lbs.	Price/E
25" x 30" x 6"	PRC	1.2	\$60.00
25" x 30" x 6"	PRC-SPANISH	1.2	60.00

Pin Rack Nipples

P



Feature:

- finishes: -C polished chrome plated

Male NPT	Male	Brass Dixon Part #	Wt. Lbs.	Price/E
1½"	1½" NST (NH)	PRN150F	0.8	\$36.60
1½"	1½" NST (NH)	PRN150F-C	0.8	51.25
2½"	2½" NST (NH)	PRN250F	2.2	120.55
2½"	2½" NST (NH)	PRN250F-C	2.2	202.00
2½"	2½" CT	PRN250 ¹	2.2	POR

¹ Customer Thread (*must specify*) refer to legend on page 566

Pin Rack Wall Bracket



Application:

- used to support hose rack independent of a stand pipe valve

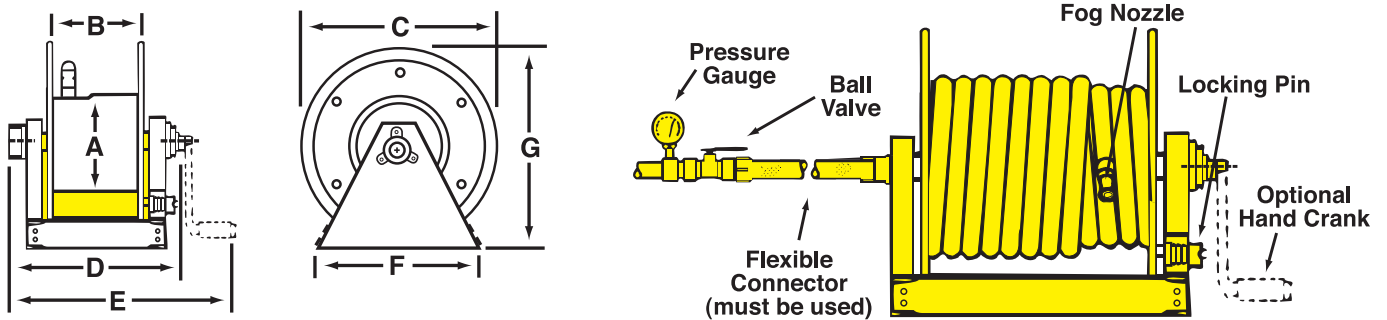
Aluminum Dixon Part #	Wt. Lbs.	Price/E
PRWB	0.7	\$94.50

Continuous Flow Reels

Features:

- allows immediate and continuous flow of water at all times during deployment of hose
- one-person operation
- use with non-collapsible hose shown on page 635
- powder coated with an electrostatically-applied, thermally-fused, red polyester finish steel drum
- rims and universal mounting stand
- female NPT inlet with male NST (NH) hose thread outlet

A flexible connector assembly must be installed directly between the hose reel inlet hub and the water supply.
Failure to use the flexible connector assembly shall void the warranty.



Dimensions

Part #	Hose Size and Capacity			A	B	C	D	E	F	G	Inlet Size (inches)	Outlet Size (inches)	Wt. (lbs)	Price/E
	¾"	1"	1½"											
CFR47-1-100	150	125	---	10½	11½	24	19¼	24	21¾	26	1	1	53	\$1972.75
CFR47-150-100	250	150	100	10½	20½	24	28¼	33	21¾	26	1½	1½	60	1972.75
CFR47-1-200	400	300	150	10½	28	24	35¼	40½	21¾	26	1½	1½	64	2041.65
CFR47-150-200	---	---	200	10½	34	24	41¼	46½	21¾	26	1½	1½	72	2103.00

Optional Accessories

Description	Part #	Price/E
1" x 18" flexible connector (male NPT x male NPT)	DX2836	\$175.00
1½" x 18" flexible connector (male NPT x male NPT)	DX2839	175.00
hand crank	CFR-HC	150.00
repair kit: contains O-ring, PTFE retaining ring for the inlet casting, spacer washer, and 2 steel retaining rings for the manifold	CFR-RK	128.00

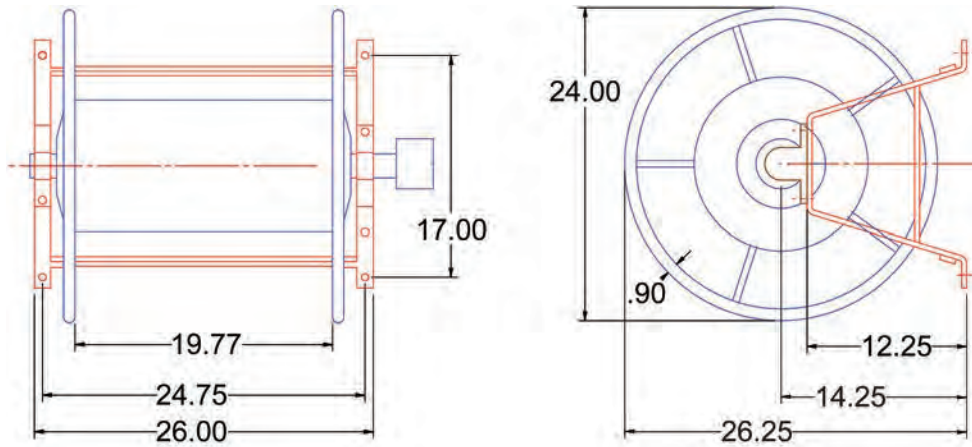
P

Continuous Flow Hose Reel Covers

Cover for	Dimensions H x W x D	Vinyl Part #	Price/E
CFR47-1-100	26" x 20" x 26"	CFR47-C1	\$131.00
CFR47-1-200	26" x 36" x 26"	CFR47-C2	178.00
CFR47-150-100	26" x 29" x 26"	CFR47-C3	182.00
CFR47-150-200	26" x 42" x 26"	CFR47-C4	200.00



Global Continuous Flow Reels (original Wirt & Knox design)



Features:

- optional adapters (order separately):
 FM15S15F = 1½" FNPSH x 1½" MNST brass
 FM1515F = 1½" FNPT x 1½" MNST brass

Steel Part #	Hose Size and Capacity			Inlet Size (inches)	Outlet Size (inches)	Wt. (lbs)	Price/E
	¾"	1"	1½"				
FD47I-150-100	250'	150'	100'	1½ NPT	1½ NPT	92	\$805.00

Global Continuous Flow Hose Reel Covers



Cover for	Dimensions	Vinyl Part #	Price/E
FD47I-150-100	22" x 24" x 24"	FD47-C2	\$195.00

Replacement Inlet Swivel Joints for Wirt & Knox Continuous Flow Reels



Size	Steel Part #	Weight (lbs)	List Price
1"	1212-0534-4	3.3	\$378.00
1½"	1212-0540-4	5	378.00

Continuous Flow Hose Reel with Hand Crank

Application:

- Designed for heavy duty applications requiring long lengths of hose, adaptable to both plant and field use.

Features:

- trouble-free design ensures dependable performance and long product life
- all bolted construction - no welds
- material: reel frame, spool and drum are fabricated from *heavy gauge steel* with a durable red powder-coat finish
- adjustable spool rotation drag eliminates hose backlash with de-reeling
- zinc plated swivel with FKM O-ring seals
- full flow shaft and ball bearing swivel
- permanently lubricated dual main bearings
- lock pin to prevent spool rotation when the reel is not in use
- NPTF female inlet matches swivel size male NPT outlet
- 31" wide (including crank) x 21¼" tall x 17¾" deep with a 6" drum diameter
- easily converted to power-driven types

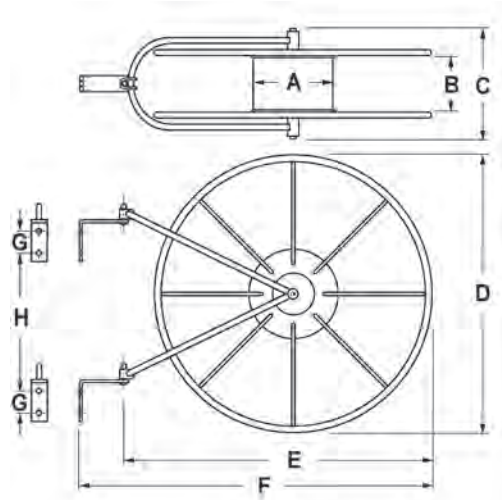


Size	Non-collapsible Hose Capacity	Working Pressure PSI	Steel		Wt. Lbs.
			Part #	Price/E	
1"	100' of 1" hose	300	CA37118L	\$1200.00	58

Style V Swing Type Hose Storage Reels

Features:

- drum storage of collapsible hose prevents damaging kinks allowing longer hose life
- pivot mounting permits reel to swing to the proper angle preventing twists and kinks
- open sides allow faster hose drying, to prevent mold and mildew
- red polyester powder coat finish
- wall mounting is standard, 2 wall mounting brackets included
- style V5 (when used with 1½" hose only), has a space between the reel sides to accommodate two widths of hose side by side, for maximum capacity in minimum space



Swing Wall Reels

Size	Steel Part #	Hose Capacity			A	B	C	D	E	F	G	H	Price/E
		Rack	Single	Double									
1½" - 1¾"	FHR-V1	100'	75'	50'	8"	3"	7½"	21"	23"	27"	2"	11-3/8"	\$250.00
1½" - 1¾"	FHR-V2	150'	100'	75'	8"	3"	7½"	26"	29"	33"	2"	15"	250.00
1½"	FHR-V5	300'	200'	150'	8"	5½"	9½"	26"	30"	34"	2"	13"	282.00
2" - 2½"	FHR-V5	150'	100'	75'	8"	5½"	9½"	26"	30"	34"	2"	13"	282.00

- replacement brackets for above reels - **1212-0930-4**, 2 per set

P

Style V Swing Type Hose Storage Reel Covers



Features:

- fluorescent red vinyl coated nylon with Velcro™ closures
- printed on both sides

Cover for	Fits Hose Reel Dimensions	Vinyl Part #	Price/E
FHR-V2	26"	FHR-C	\$64.45
FHR-V1	21"	FHR-C1	62.50
FHR-V5	26"	HSRC26	66.30

Swing Type Hose Storage Reels

Features:

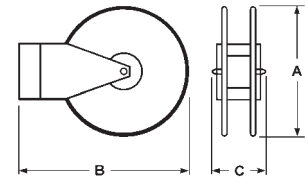
- one piece wall bracket (14 gauge), for easier mounting
- 180° swing will also take pipe clamps to 3"
- compact size - smaller reel hub to allow more hose storage
- baked red enamel finish
- solid steel (14 gauge) support arms
- welded construction - rim (18 gauge) hub cap, welded spokes form solid wheels, separated by a molded poly hub and bolted together to form a sturdy unit
- hose is double rolled from the center of length coupled to valve and nozzle
- hose is ready for action when completely removed and valve is open



Hose Size	Part #	Hose Capacity		Price/E
		Lightweight	Rubber Lined	
1½"	HSR18	150'	50' - 75'	\$263.75
1½"	HSR24	250'	100'	316.65
2½"	HSR25-24	100'	100'	478.90

Dimensions

Cover for	A	B	C
HSR18	18"	23-1/2"	6-1/4"
HSR24	24"	29"	6-1/4"
HSR25-24	24"	29"	8-1/4"



Swing Type Hose Storage Reel Covers

Features:

- to be used with hose storage reels, bright red fabric reinforced PVC with Velcro™ closures for quick release
- "Fire Hose / Keep Clear" printed on one side

Cover for	Fits Hose Reel Dimensions	Vinyl Part #	Price/E
HSR18	16" - 18"	HSRC18	\$49.35
HSR24	24"	HSRC24	59.75
HSR25-24	24" - 25"	HSRC25-24	57.55



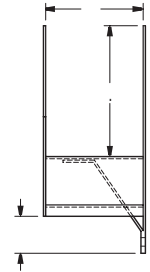
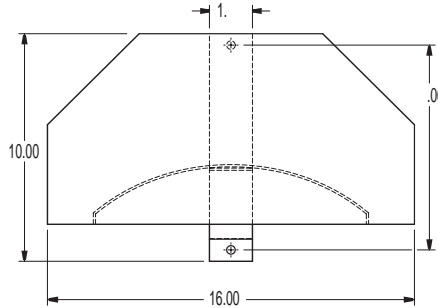
P

Saddle Hose Racks

Features:

- provides compact and economical hose storage for all types of hose
- can be used for fire or water hose
- overall width 16", height 10"
- fabricated of heavy 12 gauge sheet steel for rugged industrial and shipboard use
- curved saddle design avoids sharp bends in the hose to prolong hose life
- red enamel finish

Hose Size	Rack	Rack Capacity		Wt. Lbs.	Steel Part #	Price/E
		Single Jacket	Double Jacket			
1½" - 1¾"	100'	75'	50'	6.75	HR1610-3	\$110.65
2" - 2½"	100'	75'	50'	6.06	HR1610-4	119.45
1½" - 1¾"	200'	150'	100'	6.70	HR1610-6	130.15
1½" - 2½"	200'	150'	100'	7.42	HR1610	162.80



Model	Dimensions	
	A	B
HR1610-3	3⅞"	¾"
HR1610-4	4¼"	1⅝"
HR1610-6	6¼"	1⅝"
HR1610	9"	3"

Hump Racks

Features:

- compact, neat and economical method of storing collapsible hose
- pivot mounting permits rack to swing, preventing kinks and twists
- rugged steel construction provides long, dependable service
- red enamel finish for protection and appearance
- open sides allow faster drying to prevent mold and mildew
- wall mounting brackets are standard



Hose Size	Hose Capacity			Steel Part #	Price/E
	Synthetic	Single Jacket	Double Jacket		
1½" - 1¾"	100'	50'	---	FHHR-1	\$220.00
1½" - 1¾"	150'	100'	50'	FHHR-3	321.25
2" - 2½"	100'	50'	---	FHHR-2	220.00
2" - 2½"	150'	100'	50'	FHHR-4	327.30
1½" - 1¾"	200'	150'	100'	FHHR-5	340.65

Cover for Hump Racks



Cover for	Fits Hose Reel Dimensions	Vinyl Part #	Price/E
FHHR-1 or FHHR-2	16" x 25½" x 6"	FHHR-C	\$118.90
FHHR-3 or FHHR-4	24" x 29½" x 6"	FHHR-C4	132.65
FHHR-5	33½" x 35½" x 6"	FHHR-C5	148.15

Forestry Grade Ball Shut-Off Nozzles

Features:

- NFPA1964 compliant
- hardcoated threads, and acetal ball, rigid inlet
- maximum operating pressure: **600 PSI** at ambient temperature (70°F)
- FSS specification 5100-238

Size	Thread	Waterway	Anodized Aluminum Part #	Price/E
1"	NPSH	¾"	FBSO100S	\$340.00
1½"	NPSH	1"	FBSO150S	350.00
1"	NST (NH)	¾"	FBSO100F	340.00
1½"	NST (NH)	1"	FBSO150F	350.00



Forestry Grade Ball Shut-Off Nozzle with Pistol Grip

Features:

- NFPA1964 compliant
- hardcoated threads, and acetal ball, full time live swivel inlet
- maximum operating pressure: **600 PSI** at ambient temperature (70°F)
- FSS specification 5100-238

Size	Thread	Waterway	Anodized Aluminum Part #	Price/E
1"	NPSH	¾"	FBSO100S-PG	\$485.00
1½"	NPSH	1"	FBSO150S-PG	515.00
1"	NST (NH)	¾"	FBSO100F-PG	485.00
1½"	NST (NH)	1"	FBSO150F-PG	515.00



Break Apart Attack Nozzles

Application:

- low-cost, versatile, and easy-to-use nozzle for first responders in rural and suburban fire departments

Features:

- minimal training is required to connect and operate the nozzle
- nozzle uses a 1½" coupler, provides 20-90 GPM fog or straight stream flows at **100 PSI**
- nozzle can be separated from the shut off valve for extended hose lays and other uses
- this product meets or exceeds USDA Forestry Service standards

Size	Thread	Aluminum Part #	Price/E
1"	NPSH	ABN100S	\$681.55
1"	NST (NH)	ABN100F	681.55
1½"	NPSH	ABN150S	803.65
1½"	NST (NH)	ABN150F	803.65



P

Tips for Bolted Style Ball Shutoff Nozzle

Tip for Ball Shut-Off Nozzles



NPSH



NST

Features:

- lightweight
- maximum operating pressure: **200 PSI** (water only) at ambient temperature (70°F)

Size	Thread	Orifice ¹	Length	Anodized Aluminum Part #	Price/E
1"	NPSH	½"	4"	ANT100	\$235.00
1½"	NPSH	½"	4¾"	ANT150	235.00
1"	NST (NH)	½"	4"	ANT100F	235.00
1½"	NST (NH)	½"	4¾"	ANT150F	235.00

¹ other orifice sizes available, contact Dixon

Ball Shutoff with Nozzle



Features:

- flexible design allows nozzle tip to be detached so a mating foam inductor can be inserted between the tip and shut-off valve
- lightweight
- glass reinforced plastic
- black pistol grip shutoff with nozzle
- plastic stem: 30 GPM (red)
70 GPM (black)
- maximum operating pressure: **150 PSI** (water / AFFF only) at 70°F (21°C)

Size	Color	Thread	GPM	Polycarbonate Part #	Price/E
1½"	red	NPSH	30	FNPSO150S-30	\$403.10
1½"	orange	NST (NH)	30	FNPSO150F-30	403.10
1½"	red	NPSH	70	FNPSO150S-70	403.10
1½"	orange	NST (NH)	70	FNPSO150F-70	403.10

Ball Shutoff

P



Features:

- lightweight
- glass reinforced plastic
- maximum operating pressure: **150 PSI** (water or AFFF only) at ambient temperature (70°F)

Size	Thread	Polycarbonate Part #	Price/E
1½"	NPSH (red)	PPSO150S	\$381.85
1½"	NST (NH) (orange)	PPSO150F	381.85

Plain Hose Nozzles

Features:

- red finish
- maximum operating pressure: **100 PSI** (*water only*) at ambient temperature (70°F)

Size	Thread	Length	Orifice	Polycarbonate Part #	Price/E
1½"	NPS	10"	½"	PN15	\$18.00
1½"	NST (NH)	10"	½"	PN15F	18.00



Penetrator Nozzles

Features:

- designed with standard 1½" NPSH male hose threads that are converted to female thread for connection to the hose using a double female rigid connector
- ¼" discharge orifice generates a high velocity water jet that is effective against deep seated wildland fires
- maximum operating pressure: **200 PSI** (*water only*) at ambient temperature (70°F)

Size	Thread	Length	Orifice	Polycarbonate Part #	Price/E
1½"	NPSH	5½"	¼"	PFN4005S	\$49.50
1½"	NST (NH)	5½"	¼"	PFN4005F	49.50



Twin Tip Straight Stream Forestry Nozzles

Features:

- molded high strength red polycarbonate
- solid, one-piece reversible twin tip has ¼" and ⅜" orifices
- maximum operating pressure: **100 PSI** (*water only*) at ambient temperature (70°F)

Size	Thread	Length with tip	Length without tip	Orifice of base nozzle	Polycarbonate Part #	Price/E
1½"	NPSH	9"	7½"	½"	PTTF150S	\$29.70
1½"	NST (NH)	9"	7½"	½"	PTTF150F	29.70



Forestry Grade ¼ Turn Ball Type Wye Valves



Features:

- cast aluminum swivel inlet, anodized body, hard-coated threads
- built to US Forest Service specifications
- 1" and 1½" for use up to **600 PSI** (water/AFFF only); 2½" for use up to **400 PSI** (water/AFFF only)

Female Thread	(2) Male Threads	Cast Aluminum Part #	Wt. Lbs.	Price/E
1" NPSH	1" NPSH	FWV10S10S	1.79	\$565.60
1½" NPSH	1" NPSH	FWV15S10S	3.50	686.80
1½" NPSH	1½" NPSH	FWV15S15S	3.50	663.00
1½" NST (NH)	1" NPSH	FWV15F10S	3.50	686.80
1½" NST (NH)	1½" NST (NH)	FWV15F15F	3.66	663.00
2½" NST (NH)	1½" NST (NH)	FWV25F15F	4.07	750.00
2½" NST (NH)	2½" NST (NH)	FWV25F25F	10.40	1620.00

Pick Head Fire Axe



Features:

- red trim
- 36" hickory handle
- listed in the minimum requirements approval guides for outfitting hose houses and hose cabinets by insurance underwriters

Description	Part #	Wt. Lbs.	Price/E
6 lb. axe	PHFA6	8.15	\$198.00
axe brackets	PHFA-B-A	0.5	57.45

Forestry Pocket Spanner Wrenches



FSW1



FSW2

Features:

- FSW1: for use on 1" hoses only
- FSW2: for 1" and 1½" hose couplings
- meets USFDA specification 5100-101C
- overall length 5"

Aluminum Part #	Wt. Lbs.	Price/E
FSW1	.60	\$39.55
FSW2	.12	39.55

P

Forestry Non Weeping Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: thermoplastic
- impregnation: yellow
- proof pressure: **600 PSI** at ambient temperature (70°F)
- service test pressure: **300 PSI** at ambient temperature (70°F)
- working pressure: **270 PSI** at ambient temperature (70°F)
- consult Dixon for pricing and availability of 25' lengths, other threads and configurations

Coupled with female and male expansion ring couplings

Size	Length	Part #	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Aluminum NPSH RAS
1"	50'	NF610Y50	---	\$298.70
1"	100'	NF610Y100	---	442.90
1½"	50'	NF615Y50	\$330.35	330.35
1½"	100'	NF615Y100	625.00	625.00



Forestry Mop Up Hose

Application:

- used on mop-up and low volume hand lines, filling pump cans, supplying sprinklers and remote fire line protection

Features:

- 50' coil diameter is 9"
- outer construction: single jacket, synthetic
- tube construction: thermoplastic
- impregnation: yellow
- proof pressure: **300 PSI** at ambient temperature (70°F)
- service test pressure: **150 PSI** at ambient temperature (70°F)
- working pressure: **135 PSI** at ambient temperature (70°F)
- consult Dixon for pricing and availability of other threads and configurations

Coupled with female and male brass ferrule type garden hose couplings

Size	Length	Part #	Price/E
¾"	50'	NF307Y50GHT	\$221.25
1½"	50'	NF615-50RAQT¹	POR
1½"	100'	NF615100RAQT¹	POR

¹ coupled with quarter turn forestry couplings



Forestry Mop Up Hose Kit

Description	Part #	Price/E
kit contains: hose, pouch and nozzle	NF307Y50GHT-KIT	\$237.20



P

¼ Turn Forestry Adapters



Features:

- maximum operating pressure: **300 PSI** at ambient temperature (70°F)
- adapters have a common quarter turn sexless head (a 1½" QT fitting will mate with a ¾" QT or 1" QT)
- replacement gaskets: **QTG-F \$7.00**

Thread	Forged Aluminum Male Part #	Price/E	Forged Aluminum Female Part #	Price/E
¾" GHT	QTM75GHT-F	\$74.25	QTF75GHT-F	\$79.80
1" NPSH	QTM100S-F	71.05	QTF100S-F	89.10
1" NPT	QTM100T-F	71.05	QTF100T-F	89.10
1½" NST (NH)	QTM150F-F	32.60	QTF150F-F	32.60
1½" NPT	QTM150T-F	68.40	QTF150T-F	81.90
1½" NPSH	QTM150S-F	32.60	QTF150S-F	32.60

Quick-Connect Forestry Expansion Ring Couplings



Feature:

- sold in sets of (2) with expansion ring


Hose Size	Bowl Size	Forged Aluminum Part #	Price/E
1½"	1-11/16"	QTX150-F	\$95.30

NEW 2014

Foot Valve Strainers



Features:

- rocker lug
- brass poppet
- for water use only 

Size	Thread	Anodized Aluminum Part #	Price/E
2"	NST (NH)	N-FTVLST-20F	\$64.40
2"	NPSH	N-FTVLST-20S	64.40

P

Dixon Northline 6" Low Level Strainer with Siphon Jet

Application:

- can be used as a low level strainer and as a water transfer device

Features:

- pivoting elbow enables the base to sit flat on the bottom of a portable tank
- base: 1/8" thick 5052 H32 marine grade aluminum, powder coated red with 45° angled edges, carrying handle mounted to base
- allows the user to draft within 2" of the bottom of the tank without whirlpooling
- jet is constructed from 3/4" pipe
- supplied with 304 stainless steel mesh strainer for fast fill flowing
- shipped with 1 1/2" male NPSH plug with wire cable attached to base
- elbow: 6" aluminum tube 6061-T6, powder coated red
- posts: welded between upper and lower base, 6061-T6 aluminum
- siphon jet: 3/4" ID 6061-T6 aluminum pipe, powder coated red
- elbow pivot rod: 1/4" thick, 304 stainless steel
- washers: polypropylene used for ease of elbow pivot and longer wear
- pivot bracket: 3/16" thick x 1 1/2" x 1 1/2", angle 6061-T6 aluminum
- 6" swivel: long handle, black anodized, 6061-T6 aluminum



Low Level Strainers - Threaded Female Swivel with and without Jet Siphon

Thread	1 1/2" NPSH Jet Siphon Part #	Price/E	1 1/2" NST (NH) Jet Siphon Part #	Price/E	without Jet Siphon Part #	Price/E
2 1/2" CT	NCS-LLSJ-25 S¹	POR	NCS-LLSJ-25 F¹	POR	NCS-LL-25¹	POR
3" NST	NCS-LLSJ-30FS	\$550.55	NCS-LLSJ-30FF	\$550.55	NCS-LL-30F	\$525.00
4" NST (NH)	NCS-LLSJ-40FS	588.85	NCS-LLSJ-40FF	588.85	NCS-LL-40F	563.00
4 1/2" NST (NH)	NCS-LLSJ-45FS	595.00	NCS-LLSJ-45FF	595.00	NCS-LL-45F	570.00
5" NST (NH)	NCS-LLSJ-50FS	669.20	NCS-LLSJ-50FF	669.20	NCS-LL-50F	644.00
6" NST (NH)	NCS-LLSJ-60FS	799.00	NCS-LLSJ-60FF	799.00	NCS-LL-60F	774.00

¹ Customer Thread (*must specify*) refer to legend on page 566

Low Level Strainers - Storz Adapter with and without Jet Siphon

Thread Size	1 1/2" NPSH Jet Siphon Part #	Price/E	1 1/2" NST (NH) Jet Siphon Part #	Price/E	without Jet Siphon Part #	Price/E
2 1/2"	NCS-LLSJ-25SZS	\$563.70	NCS-LLSJ-25SZF	\$563.70	NCS-LL-25SZ	\$538.00
3"	NCS-LLSJ-30SZS	611.85	NCS-LLSJ-30SZF	611.85	NCS-LL-30SZ	586.00
4"	NCS-LLSJ-40SZS	649.10	NCS-LLSJ-40SZF	649.10	NCS-LL-40SZ	624.00
5"	NCS-LLSJ-50SZS	736.65	NCS-LLSJ-50SZF	736.65	NCS-LL-50SZ	711.00
6"	NCS-LLSJ-60SZS	950.50	NCS-LLSJ-60SZF	950.50	NCS-LL-60SZ	925.00

P

Aluminum Barrel Strainers



Features:

- lightweight
- anodized aluminum finish
- full-flow design
- rocker lugs
- tie off hook for drafting placement

Female Barrel Strainers



Size	NST (NH) Part #	Price/E	NPSH Part #	Price/E	Wt. Lbs
2½"	FST250F	\$175.80	FST250S	\$175.80	1
3"	FST300F	190.95	FST300S	190.95	1
4"	FST400F	236.40	FST400S	236.40	2
4½"	FST450F	272.75	FST450S	272.75	2
5"	FST500F	297.00	FST500S	297.00	2
6"	FST600F	326.40	FST600S	326.40	3

Storz Barrel Strainers



Storz	Part #	Wt. Lbs	Price/E
2½"	ST250	1	\$245.50
3"	ST300	1	254.55
4"	ST400	1	345.50
5"	ST500	2	484.85
6"	ST600	3	539.40

Basket Strainers - Female Threaded



Size	NST (NH) Part #	Price/E	NPSH Part #	Price/E	Wt. Lbs
2½"	BSKTST250F	\$185.50	BSKTST250S	\$185.50	1
3"	BSKTST300F	185.50	BSKTST300S	185.50	1
4"	BSKTST400F	285.00	BSKTST400S	285.00	3
4½"	BSKTST450F	285.00	BSKTST450S	285.00	3
5"	BSKTST500F	330.00	BSKTST500S	330.00	3
6"	BSKTST600F	330.00	BSKTST600S	330.00	4

Floating Strainers

Feature:

- steel screen

Floating Strainers - Female Swivel

Female Inlet	Aluminum NST (NH) Part #	Price/E	Aluminum ^{NEW} NPSH Part #	Price/E	Wt. Lbs
2½"	NCS-FDFS-25F	\$471.40	NCS-FDFS-25S	\$471.40	8
3"	NCS-FDFS-30F	494.55	NCS-FDFS-30S	494.55	10
3"	NCS-FDFS-30F	494.55	NCS-FDFS-30S	494.55	10
4"	NCS-FDFS-40F	823.75	NCS-FDFS-40S	823.75	12
4½"	NCS-FDFS-45F	1018.20	NCS-FDFS-45S	1018.20	12
5"	NCS-FDFS-50F	1018.20	NCS-FDFS-50S	1018.20	16
6"	NCS-FDFS-60F	1097.30	NCS-FDFS-60S	1097.30	18



Floating Strainers - Storz

Storz Inlet	Aluminum New Part #	Wt. Lbs	Price/E
2½"	NCS-FDSTZ-25	13	\$463.65
3"	NCS-FDSTZ-30	13	525.50
4"	NCS-FDSTZ-40	17	836.10
5"	NCS-FDSTZ-50	18	1151.40
6"	NCS-FDSTZ-60	19	1236.40



P

Dixon Northline Polypropylene Strainers

Features:

- prevents debris larger than 1mm such as leaves, vegetation or fish, from entering your pump system, therefore reducing costly pump and equipment damage and down time
- designed and manufactured to meet the capacities of all major pump manufacturers from 25 GPM to 2000 GPM

Single Layer (Short Style 8" Lg plus fitting)

Size	Female Thread	Polypropylene Part #	Price/E
2½"	NST (NH)	FSTP-SS-25F	\$451.30
3"		FSTP-SS-30F	574.95
4"		FSTP-SS-40F	698.55
4½"		FSTP-SS-45F	757.30
5"		FSTP-SS-50F	800.55
6"		FSTP-SS-60F	854.65



short style

Single Layer (Long Style 13" Lg plus fitting)

Size	Female Thread	Polypropylene Part #	Price/E
2½"	NST (NH)	FSTP-LS-25F	\$540.95
3"		FSTP-LS-30F	701.65
4"		FSTP-LS-40F	840.75
4½"		FSTP-LS-45F	914.95
5"		FSTP-LS-50F	973.65
6"		FSTP-LS-60F	1023.10

Dual Layer (Short Style 8" Lg plus fitting)

Size	Female Thread	Polypropylene Part #	Price/E
2½"	NST (NH)	FSTP-SD-25F	\$584.20
3"		FSTP-SD-30F	715.55
4"		FSTP-SD-40F	845.40
4½"		FSTP-SD-45F	933.50
5"		FSTP-SD-50F	975.20
6"		FSTP-SD-60F	1043.20



long style

Dual Layer (Long Style 13" Lg plus fitting)

Size	Female Thread	Polypropylene Part #	Price/E
2½"	NST (NH)	FSTP-LD-25F	\$757.30
3"		FSTP-LD-30F	942.75
4"		FSTP-LD-40F	1075.65
4½"		FSTP-LD-45F	1205.50
5"		FSTP-LD-50F	1248.75
6"		FSTP-LD-60F	1273.50

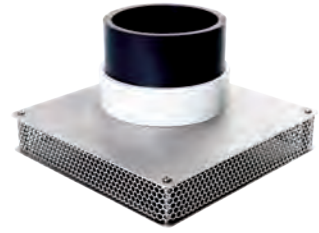
Dixon Northline Strainers

Dry Fire Hydrant - Low Level Strainer

Features:

- aluminum base
- low level design allows for vertical bridge or cistern installations
- repels water born debris flowing downstream
- 6" male PVC coupling for easy connection to PVC pipe

Pipe Size	Housing Material	Dimensions	Aluminum Part #	Wt. Lbs	Price/E
6" male PVC	aluminum	12" x 12" x 2"	DFH-9283-100	6	\$674.00



Stream Strainer

Features:

- aluminum base
- low level design allows for shallow stream installations
- repels water born debris flowing downstream
- 6" male PVC coupling for easy connection to PVC pipe

Pipe Size	Housing Material	Dimensions	Aluminum Part #	Wt. Lbs	Price/E
6" male PVC	aluminum	24" x 16" x 8"	DFH-9292-001	8	\$757.00



Dixon Northline Strainers

Foot Valve Strainers

Feature:

- rocker lug
- brass poppet
- for water use only



Size	Thread	Anodized Aluminum Part #	Price/E
2"	NST (NH)	N-FTVLST-20F	\$64.40
2"	NPSH	N-FTVLST-20S	64.40



NEW

Brass Tanks

Female NPT	Cast Brass Part #	Price/E
4"	BS400	\$652.30
5"	BS500	604.55
6"	BS600	1572.45
8"	BS800	2117.70



P

FM Steel Hydrant House

Features:

- red polyester coated finish
- FM approved
- heavy 16-gauge steel throughout, including the shelves
- one-piece roof construction, sloped to the rear for adequate drainage and hinged at the rear with arms on both sides and a front hasp
- doors are fitted with a full-length latch and cross brace to ensure firm closing
- provides adequate space to store all equipment specified by both FM and NFPA standards, plus room for additional equipment
- 'FIRE HOSE' decal is provided for the cabinet front
- hose or accessories not included
- accessory hardware required but not included
- concrete base is to be supplied by a contractor
- shipped unassembled with instructions



Steel Part #	Price/E
HH30145	\$2221.25

Dimensions		
width	depth	height
45½"	45½"	34½"

FM Steel Hose Cabinet

Features:

- red polyester coated finish on heavy 18-gauge steel
- wall type hose cabinet used for storage for industrial fire protection equipment
- designed for wall installation, with or without legs, or free standing
- supplied with holes in the back for wall mounting and 1" pipe couplings on the bottom for adding legs
- FM approved
- hose or accessories not included
- accessory hardware required but not included
- furnished without legs - if legs required - contact Dixon
- concrete base is to be supplied by a contractor



Steel Part #	Price/E
HC30143	\$2090.95

Dimensions		
width	depth	height
60"	15"	48"

P

Basic Approved Equipment for house/cabinet

Examples				Quantity Required		
Part #	Price/E	Description	Page #	FM	UL & FIA	ISO
A525-50RAF ¹	\$472.15	2½" x 50' single jacket hose	627	4	5	5
A515-50RAF ¹	281.45	1½" x 50' single jacket hose	627	2	0	0
UPP250F ¹	718.35	Underwriters play pipe	614	0	2	2
BFN250NST ¹	309.00	2½" adjustable fog nozzle	608	2	0	0
BFN150NST ¹	144.75	1½" adjustable fog nozzle	608	1	0	0
HA2515F ¹	29.70	2½" x 1½" pin lug adapter	572	1	0	0
233	43.20	universal spanner	618	4	5	5
189	38.70	adjustable hydrant wrench	619	2	2	2
PHFA6	198.00	6 lb. fire axe	652	0	1	1
FCB48	POR	crowbar	---	0	1	1
SW150 ¹	2.00	2½" hose coupling gasket	639	4	5	5
SW250 ¹	3.20	1½" hose coupling gasket	639	2	0	0

¹ threads must be appropriate to the authority having jurisdiction

Sprinkler System Gauges (UL-393)



Features:

- specifically designed for the fire sprinkler industry
- Bourdon tube pressure gauges with black polycarbonate case
- snap-in clear polycarbonate window, 4" face
- white aluminum dial with stop pin, black and red markings
- black aluminum non-adjustable pointer
- 1/4" NPT lower mount
- ASME B40.1 Grade B (+ 3/2/3% accuracy)
- U/L Listed (U/L-393) and FM Approved for fire sprinkler service
- temperature range: **-40°F to 140°F** (-40°C to 60°C)



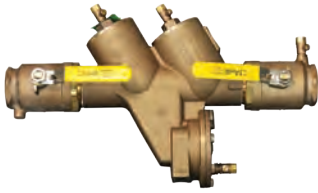
Type	Part #	Wt. Lbs	Price/E
water (0-300 PSI)	SWG300-4	.45	\$38.40
water retard (0-80 PSI) to (0-250 PSI) air	SWRG80-250-4	.46	38.40



Backflow Preventer

Features:

- provides maximum protection against backflow caused by back-pressure or back-siphonage from a cross-connection wherein a contaminant hazard exists
- consists of two spring-loaded poppet type check valves and a mechanically independent, hydraulically dependent pressure differential relief valve
- three top mounted test cocks ensure easy access during repair and maintenance
- working pressure: to **175 PSIG**
- temperature range: **33°F to 180°F**
- meets USC's FCCC and HR Manual, Sec. 10, ASSE 1015, AWWA C-510 and CSA B64.4 specifications
- Underwriters Listed and Factory Mutual approved
- create a Fire Hydrant Backflow Preventer by using the **RSMSA25F20T** (page 589) and the **DMH2025F** (page 567)



NPT Thread	Brass Part #	Wt. Lbs	Price/E
2"	BFP200	41	\$1592.00

Hand Hydrotest Pump

Features:

- designed for use in testing pipe lines, pressure tanks and pressure vessels
- uses check valves which are more efficient and longer lasting than old poppet system
- cylinder displacement: 1.37 cu. in.
- 0 -1000 PSI pressure gauge, 10' high pressure hose and quick disconnect coupler included
- piston: 7/8" with 2" stroke
- stainless steel piston
- working pressure: **1000 PSI** at 70°F (21°C)



NPT Inlet	NPT Outlet	Aluminum Part #	Wt. Lbs	Price/E
1/2"	1/2"	HHTP	7	\$1990.00

Large Diameter Hose Roller

Features:

- ABS rollers
- two man operation



Steel Part #	Wt. Lbs	Price/E
FHR	7	\$606.90

P

Elbows Angle and Suction

Features:

- for use on pump discharge valves, or suction inlets to minimize hose kinking
- rocker lug swivel
- satin brass finish
- -C polished chrome plated

Male NST (NH)	Female NST (NH)	Angle	Brass Part #	Wt. Lbs	Price/E
2½"	2½"	30°	RSE30250F-C NEW	4.48	\$298.00
2½"	2½"	45°	RSE45250F	4.48	270.00
2½"	2½"	45°	RSE45250F-C	4.48	298.00
2½"	2½"	90°	RSE90250F	4.66	216.00
2½"	2½"	90°	RSE90250F-C	4.66	242.00



30° elbow



45° elbow

Continuous Swivel

Features:

- allows hose to swing when connected
- full waterway reduces friction loss
- short style radius is 2½" measured from the center of the waterway to the end of the discharge thread

Female NPT	Male Thread	Length	Cast Brass Part #	Wt. Lbs	Price/E
1½"	1½" NST (NH)	2½"	CSES150F	4.00	\$180.00
2"	1½" NST (NH)	2½"	CSES2015F	3.75	180.00
1½"	1½" NPT	2½"	CSES150T	4.00	180.00



Dixon Northline Adapters N54 - Angle and Suction Elbows

Features:

- ideal for fire apparatus with front suction connections
- anodized, powder coated aluminum, extruded
- anodized female swivel connections

Angle	Male NST (NH)	Female NST (NH) Swivel	Aluminum Part #	Wt. Lbs	Price/E
30°	2½"	2½"	N5430-25F25F	2.0	\$223.95
45°	2½"	2½"	N5445-25F25F	2.0	223.95
60°	2½"	2½"	N5460-25F25F	2.0	235.30
90°	2½"	2½"	N5490-25F25F	2.0	272.65



90° elbow



Push Pull Drain Valve

Features:

- direct mount
- 2½" handle length

Female Inlet	Female Outlet	Brass Part #	Price	Wt. Lbs.
¾" NPT	¾" NPT	PPDV75	\$58.05	1.10



NEW

Dixon Northline Large Diameter Drafting Elbows

Features:

- elbows are smooth bent to degree required
- supplied hard coat anodized from maximum protection



Angle	Male NST (NH) Size	Female NST (NH) Swivel L/H Size	6061-T6 Aluminum Part #	Wt. Lbs	Price/E
45°	4"	4"	N5445-40F40F	7	POR
45°	5"	5"	N5445-50F50F	9	POR
45°	6"	6"	N5445-60F60F	9	POR



Angle	Male NST (NH) Size	Female NST (NH) Swivel L/H Size	6061-T6 Aluminum Part #	Wt. Lbs	Price/E
60°	4"	4"	N5460-40F40F	7	POR
60°	5"	5"	N5460-50F50F	9	POR
60°	6"	6"	N5460-60F60F	9	POR



Angle	Male NST (NH) Size	Female NST (NH) Swivel L/H Long Radius Size	6061-T6 Aluminum Part #	Wt. Lbs	Price/E
90°	4"	4"	N5490-40F40FLR	7	POR
90°	5"	5"	N5490-50F50FLR	9	POR
90°	6"	6"	N5490-60F60FLR	9	POR
90°	4½"	4½"	N5490-45F45FLR	8	POR

Angle	Male NST (NH) Size	Female NST (NH) Swivel L/H Short Radius Size	6061-T6 Aluminum Part #	Wt. Lbs	Price/E
90°	4"	4"	N5490-40F40FSR	7	POR
90°	5"	5"	N5490-50F50FSR	9	POR
90°	6"	6"	N5490-60F60FSR	9	POR

P

Brass International Shore Connections

Features:

- meets US Coast Guard specifications for vessels 1000 gross tons or more
- makes possible the connection of two different threads between ship and shore or between ships
- 7" OD brass flange with 4 3/4" holes
- solid wedge disc with tapered seats
- includes 8 washers, 4 hexagon brass nuts, 4 hex head bolts, 1 washer, 1 fiber gasket
- working pressure: **300 PSI**
- supplied with NST threads

Description	Brass Part #	Wt. Lbs.	Price
shore side	09-318-00001	7.38	\$328.00
ship side	09-319-00001	7.14	328.00



shore side



ship side

BSP Gaskets

Female BSP	Aluminum Part #	Price/E
2"	1105102	\$6.80
2 1/2"	1110060	6.80
3"	1404550	6.80
4"	1404551	14.55
5"	1404620	18.75
6"	1404621	41.10



Storz Locking Devices

Features:

- metal locking device for storz couplings, includes spring, screw and washer

Description	Cast Aluminum Part #	Price/E
locking device for 4" and 5" storz	LOCKINGDEVICE	\$31.50
locking device for 6" storz	LOCKINGDEVICE6	60.00



P

Replacement Brass Swivel & Accessories

Features:

- 2½" and 3" replacement brass swivels for Dixon Powhatan FDC
- finish: -P polished, -C polished chrome plated



Size	Thread	Brass Part #	Wt. Lbs	Price/E
2½"	NPSH (2.84x8)	PSNP250S	1.3	\$103.25
	NST (3.07x7.5)	PSNP250NST	1.3	103.25
	NYC/BA (3.00x8)	PSNP250NYC	1.3	103.25
	NYFD (3.03x8)	PSNP250NYFD	1.3	103.25
2½"	CT ¹	PSNP250 ¹	1.3	POR
3"	NST	PSNP300NST	2.0	132.10
	NYFD	PSNP300NYFD	2.0	132.10

¹ Customer Thread (*must specify*) refer to legend on page 566

- 2½" requires 50 ball bearings, 3" requires 58 ball bearings

Replacement Parts

Description	Brass Part #	Price/E
2½" gasket	SW250	\$3.20
3" gasket	SW300F	6.85
ball bearings	46-003-00001	0.30
set screw	46-011-00418	2.00

Dixon Replacement Roller Bearings - Standard Aluminum Swivels

Size Chart

Part #	Female Swivel Size								
	1½"	2"	2½"	3" (30)	3½" (35)	4" (39)	4½" (45)	5" (48)	6" (57)
RB-209200				X					
RB-209201					X				
RB-209202						X			
RB-209203							X		
RB-209204								X	
RB-209205									X

P

Dixon Northline Replacement Ball Bearings

Size Chart

Part #	Female Swivel Size								
	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
BB-209100	X								
BB-209101		X							
BB-209102			X						
BB-209103				X					
BB-209105 PV						X			
BB-209106 PV							X		
BB-209107 PV								X	
BB-209108 PV									X

Dixon Northline Replacement Retainer Plugs (Set Screws)

Size Chart

Part #	Female Swivel Size								
	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
RP-209335	X	X							
RP-209337			X	X	X				
RP-209339						X	X	X	X
RP-209342-PV						X	X	X	X

Threaded Mounting Plates (Brackets)

Size Chart

Size #	Male Threaded Mounting Plate Part #	Price/E	Female Threaded Mounting Plate Part #	Price/E
1½" NST (NH)	TMPM15F	\$45.15	TMPF15F	\$48.50
1½" NPSH	TMPM15S	45.15	TMPF15S	48.50
2½" NST (NH)	TMPM25F	56.50	TMPF25F	58.30
2½" CT	TMPM25 ¹	POR	TMPF25 ¹	POR
3" NST (NH)	TMPM30F	67.70	TMPF30F	86.45
4" NST (NH)	TMPM40F	96.70	TMPF40F	115.90
4½" NST (NH)	TMPM45F	124.75	TMPF45F	118.25
5" NST (NH)	TMPM50F	128.00	TMPF50F	133.50
6" NST (NH)	TMPM60F	95.95	TMPF60F	149.20

¹ Customer Thread (must specify) refer to legend on page 566

Replacement Parts and Repair Kits

Description	Part #	Price/E
retractable knob for piston valve handwheel	PV-KNOB	\$177.75
complete handwheel for piston valve	PV-HDWHL	255.00
knob for gate valve handwheel	GV-KNOB	61.85
complete handwheel for gate valve	GV-HDWHL	154.55
knob for 2½" hydrant gate valve	HGV-KNOB	76.40
complete handwheel for hydrant gate valve	HGV-HDWHL	154.55
piston intake relief valve gasket repair kit (aluminum)	FSGR-RK	162.30
gate valve gasket repair kit	FSGV-RK	200.95
gate valve with PRV gasket repair kit	FSGVR-RK	200.95
hydrant booster valve gasket repair kit	FSHV-RK	185.50
2-way ball valve gasket repair kit	MSBV-RK	85.00
3-way ball valve gasket repair kit	MSBVR(3)-RK	102.00
large gated wye gasket repair kit	SJBV-RK	161.50
5-way manifold gasket repair kit	MSMG-RK	185.50
jumbo siamese gasket repair kit	SSVJ-RK	68.00

P

Domestic Brass Ball Valves

Application:

- for control of air, water, oil and gas in hose or pipe lines. For other services, please contact Dixon

Features:

- pressure rating: **600 PSI** WOG; **150 PSI** saturated steam
- brass valve bodies, balls and stems
- blow-out proof stems
- glass-filled reinforced PTFE seats and stuffing box ring; stem seals and washers
- plated steel handles and nuts with vinyl sleeves replacements available, consult Dixon for pricing
- full and standard port valves are repairable
- meets WW-V 35C, Type II Composition



female NPT x female NPT

Size	Port	Brass	
		Part #	Price/E
1/4"	full	BBV25	\$35.70
3/8"	full	BBV38	35.70
1/2"	full	BBV50	35.70
3/4"	standard	BBV75	58.85
1"	standard	BBV100	74.15
1 1/4"	standard	BBV125	124.35
1 1/2"	standard	BBV150	158.90
2"	standard	BBV200	199.05
2 1/2"	standard	BBV250	947.60
3"	standard	BBV300	1148.00

Domestic Full Port Ball Valves

Features:

- machined solid chrome-plated ball
- multi-fill PTFE seats and seals
- adjustable packing
- blow-out proof stem design
- bronze castings
- vacuum service to 29 inches Hg
- pressure rating: **600 PSI** WOG; **150 PSI** saturated steam



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
3/4"	full	BBV75FP	\$55.75
1"	full	BBV100FP	70.55
1 1/4"	full	BBV125FP	164.50
1 1/2"	full	BBV150FP	218.15
2"	full	BBV200FP	375.85

Locking Handle Brass Ball Valves

Application:

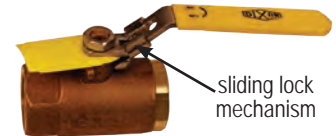
- for control of air, water, oil and gas in hose or pipe lines

Features:

- for other services, please contact Dixon
- pressure rating: **600 PSI** WOG; **150 PSI** saturated steam
- blow-out proof RPTFE stem
- chrome-plated brass ball
- Stainless steel sliding lock mechanism secures handle in open or closed position; can be padlocked open or closed.
- plated steel handles and nuts with vinyl sleeves
- full and standard port valves are repairable

female NPT x female NPT

Size	Port	Brass	
		Part #	Price/E
¼"	full	BBLV25	\$46.80
¾"	full	BBLV38	46.80
½"	full	BBLV50	46.80
¾"	standard	BBLV75	69.85
1"	standard	BBLV100	85.15
1¼"	standard	BBLV125	135.30
1½"	standard	BBLV150	169.80
2"	standard	BBLV200	209.90



Brass Ball Valves

Application:

- for air service only

Features:

- pressure rating: **600 PSI**
- brass valve
- chromium plated ball
- RTFE seats and stuffing box ring
- blow-out proof stem
- adjustable packing gland

female NPT x male NPT

Size	Port	Brass	
		Part #	Price/E
½"	full	BMV50	\$43.10
¾"	standard	BMV75	68.60
1"	standard	BMV100	97.95



"Deadman" Spring Return Handle Bronze Ball Valves

Features:

- pressure rating: **600 PSI** WOG; **150 PSI** saturated steam
- vacuum service to 29 inches Hg
- stainless steel lever
- chromium plated ball
- RTFE seats and stuffing box ring
- blow-out proof stem design
- adjustable packing gland
- spring return closes valve when not held open
- operating torque approximately three times standard valve torque

female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
½"	full	BBV50SR	\$261.90
¾"	standard	BBV75SR	293.50
1"	standard	BBV100SR	313.55
1½"	standard	BBV150SR	481.90
2"	standard	BBV200SR	566.95



250 Lb. Steam Ball Valves

Application:

- recommended for use with fluids with widely varying temperatures and/or thermal expansion rates

Features:

- pressure rating: **600 PSI**; **250 PSI** saturated steam
- vacuum service to 29 inches Hg
- bronze body
- 316 stainless steel ball and stem
- blow-out proof stem design
- multi-fill RPTFE seats
- multi-fill stuffing box ring
- high temperature MTFE stem packing
- adjustable packing gland
- maximum temperature: **406°F**



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
1/2"	full	BBV50ST	\$78.20
3/4"	standard	BBV75ST	126.00
1"	standard	BBV100ST	147.95
2"	standard	BBV200ST	410.55

Safety Vented Ball Valves

Applications:

- for air service only
- vent downstream air in accordance with OSHA regulation 1910.147 for pneumatic systems

Features:

- pressure rating: **600 PSI**
- brass valve
- chromium plated ball
- RPTFE seats and stuffing box ring
- blow-out proof stem design
- adjustable packing gland



female NPT x female NPT

Size	Port	Brass	
		Part #	Price/E
1/4"	full	BBV25LV	\$52.45
3/8"	full	BBV38LV	52.45
1/2"	full	BBV50LV	52.45
3/4"	standard	BBV75LV	75.70
1"	standard	BBV100LV	96.65
1 1/4"	standard	BBV125LV	152.75
1 1/2"	standard	BBV150LV	187.15
2"	standard	BBV200LV	227.20

Bronze Ball Valves with NPT Tap for Drain

Application:

- recommended for water and air service

Features:

- pressure rating: **125 PSI** WOG
- vent downstream air in accordance with OSHA regulations for pneumatic systems
- chromium plated ball
- RPTFE seats and stuffing box ring
- blow-out proof stem
- adjustable packing gland
- auto-drain / auto-vent
- 1/4" NPT tapped port provides additional options such as an air venting elbow or noise muffler



female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
1/4"	full	BBV25VT	\$55.70
3/8"	full	BBV38VT	55.70
1/2"	full	BBV50VT	55.70
3/4"	full	BBV75VT	112.65
1"	full	BBV100VT	157.80

Imported Brass Ball Valves

Applications:

- for control of air, water, oil and gas in hose or pipe lines, for other services, please contact Dixon

Features:

- pressure rating: **600 PSI WOG**; **150 PSI Working Steam Pressure**
- forged brass body
- blow-out proof stems
- PTFE seat, seal and thrust washer
- chrome-plated brass ball and plated steel handle
- maximum temperature: **366°F**
- Underwriters Listed
- NSF61 approved

female NPT x female NPT

Size	Port	Part #	Brass	Price/E
¼"	full	FBV25		\$18.30
⅜"	full	FBV38		18.30
½"	full	FBV50		22.25
¾"	full	FBV75		31.70
1"	full	FBV100		47.15
1¼"	full	FBV125		82.10
1½"	full	FBV150		121.45
2"	full	FBV200		172.20



female NPT x female NPT

Size	Port	Part #	Brass	Price/E
2½"	full	FBV250		\$379.55
3"	full	FBV300		543.20
4"	full	FBV400		897.60

Locking Handle Imported Brass Ball Valves

Applications:

- for control of air, water, oil and gas in hose or pipe lines, for other services, please contact Dixon

Features:

- pressure ratings: **600 PSI WOG**; **150 PSI Working Steam Pressure**
- forged brass body
- blow-out proof stem
- PTFE seat, seal and thrust washer
- chrome-plated brass ball and plated steel handle
- maximum temperature: **366°F**
- Underwriters Listed
- NSF61 approved

female NPT x female NPT

Size	Port	Part #	Brass	Price/E
½"	full	FBVL50		\$36.00
¾"	full	FBVL75		47.00
1"	full	FBVL100		64.50
1¼"	full	FBVL125		106.70
1½"	full	FBVL150		150.50
2"	full	FBVL200		205.90
2½"	full	FBVL250		446.25
3"	full	FBVL300		654.40
4"	full	FBVL400		1084.50



Q

Global Brass Ball Valves

Applications:

- for water and air only

Features:

- pressure ratings:
 - 1/4" - 3/8" rated to **365 PSI**
 - 1/2" - 2" rated to **600 PSI**
- forged brass body
- maximum temperature: **248°F (120°C)**



female NPT x female NPT

Size	Port	Brass	
		Part #	Price/E
1/4"	full	FBVG25	\$7.50
3/8"	full	FBVG38	7.50
1/2"	full	FBVG50	11.80
3/4"	full	FBVG75	16.60
1"	full	FBVG100	27.25
1 1/4"	full	FBVG125	42.00
1 1/2"	full	FBVG150	59.00
2"	full	FBVG200	90.00

Solder End Brass Ball Valves

Application:

- designed to provide the best protection against potential gas leakage under extreme duty or low pressure applications

Features:

- pressure rating: **600 PSI WOG**; **150 PSI** working steam pressure
- maximum temperature: **366°F**
- Underwriters Listed
- brass body
- blow-out proof stem
- chrome-plated brass ball
- adjustable stem packing nut
- PTFE seat, seal, and thrust washer



Size	Port	Brass	
		Part #	Price/E
1/2"	full	FBV50SE	\$23.95
3/4"	full	FBV75SE	32.65
1"	full	FBV100SE	48.15
1 1/4"	full	FBV125SE	86.80
1 1/2"	full	FBV150SE	125.55
2"	full	FBV200SE	178.15

2014
NEW

Lead Free Brass Ball Valves

Features:

- lead free refers to the wetted surface of pipes, fittings and fixtures in potable water systems that have a weighted average lead content = 0.25%. Source: California Health & Safety Code (116875). Vermont Act 193*171NLF
- pressure rating: 600 WOG - 150 WSP
- maximum temperature: **366°F**
- PTFE seat and double O-ring stem packing



Size	Port	Brass	
		Part #	Price/E
1/2"	full	LFV50	\$26.75
3/4"	full	LFV75	38.00
1"	full	LFV100	57.00
1 1/4"	full	LFV125	99.00
1 1/2"	full	LFV150	146.00
2"	full	LFV200	206.00

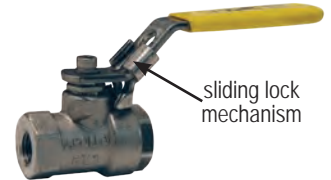
316 Stainless Steel 2-Piece Domestic Ball Valves Full Port

Features:

- pressure rating: **1,000 PSI** Cold Working Pressure
- pressure rating: **150 PSI** saturated steam
- vacuum service to 29 inches Hg
- 316 stainless body, ball and stem
- PTFE seal
- blow-out proof stem
- vinyl handle cover
- temperature range: **-40°F to 400°F**

female NPT x female NPT

Size	Port	316 Stainless Steel	
		Part #	Price/E
¼"	full	DSBV25	\$95.50
⅜"	full	DSBV38	95.50
½"	full	DSBV50	100.25
¾"	full	DSBV75	131.50
1"	full	DSBV100	185.25
1¼"	full	DSBV125	234.50
1½"	full	DSBV150	367.50
2"	full	DSBV200	457.00



Stainless Steel Ball Valves Full Port

Application:

- for use with water, oil and gas

Features:

- pressure rating: ¼" - 2" rated to **1000 PSI** WOG (CWP)
2½" - 3" rated to **800 PSI** WOG (CWP)
100 PSI saturated steam
- 316 stainless steel body, ball and stem
- PTFE seat, joint gasket and thrust washer
- plastic cover on handle
- blow-out proof stem design
- temperature range: **-20°F to 450°F**

female NPT x female NPT

Size	Port	316 Stainless Steel	
		Part #	Price/E
¼"	full	SSBV25	\$39.50
⅜"	full	SSBV38	42.00
½"	full	SSBV50	44.00
¾"	full	SSBV75	63.00
1"	full	SSBV100	84.00
1¼"	full	SSBV125	121.00
1½"	full	SSBV150	162.00
2"	full	SSBV200	228.00
2½"	full	SSBV250	495.00
3"	full	SSBV300	690.00



Stainless Steel Ball Valves

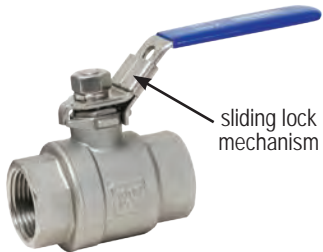
Full Port, Locking Handle

Application:

- for use with water, oil and gas

Features:

- pressure rating: ¼" - 2" rated to **1000 PSI** WOG (CWP)
2½" - 3" rated to **800 PSI** WOG (CWP)
100 PSI saturated steam
- 316 stainless steel body, ball and stem
- PTFE seat, joint gasket and thrust washer
- plastic cover on handle
- blow-out proof stem design
- temperature range: **-20°F to 450°F**
- lockable

**female NPT x female NPT**

Size	Port	316 Stainless Steel	
		Part #	Price/E
¼"	full	SSLBV25	\$43.00
⅜"	full	SSLBV38	44.00
½"	full	SSLBV50	48.00
¾"	full	SSLBV75	70.00
1"	full	SSLBV100	90.00
1¼"	full	SSLBV125	129.00
1½"	full	SSLBV150	171.00
2"	full	SSLBV200	236.00
2½"	full	SSLBV250	510.00
3"	full	SSLBV300	750.00

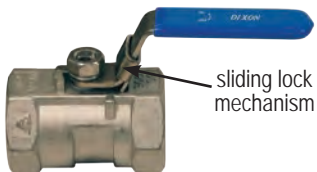
Reduced Port, Locking Handle

Application:

- for use with water, oil and gas

Features:

- pressure rating: **800 PSI** WOG; **100 PSI** saturated steam
- 316 stainless steel body, ball and stem
- PTFE seat, joint gasket and thrust washer
- plastic cover on handle
- blow-out proof stem design
- temperature range: **-20°F to 450°F**
- lockable

**female NPT x female NPT**

Size	Port	316 Stainless Steel	
		Part #	Price/E
¼"	reduced	SSLBV25SP	\$28.50
⅜"	reduced	SSLBV38SP	30.50
½"	reduced	SSLBV50SP	32.50
¾"	reduced	SSLBV75SP	44.00
1"	reduced	SSLBV100SP	63.00
1¼"	reduced	SSLBV125SP	84.00
1½"	reduced	SSLBV150SP	115.00
2"	reduced	SSLBV200SP	162.00

316 Stainless Steel 3-Piece Ball Valves Full Port

Features:

- FNPT ends or socket weld configurations available
- blow out proof stem
- live-loaded stem packing
- swing out design for easy maintenance
- ISO 5211 mounting pad
- RTFE seat and seals
- maximum temperature: **400°F**

Size	Port	PSI @ 65°F	Body Length	Female NPT 316 Stainless Steel		Socket Weld 316 Stainless Steel	
				Part #	Price/E	Part #	Price/E
½"	full	1000	2.5"	BV2IG-05011-A	\$105.00	BV2IG-05033-A	\$105.00
¾"	full	1000	3.1"	BV2IG-07511-A	131.45	BV2IG-07533-A	131.45
1"	full	1000	3.3"	BV2IG-10011-A	171.45	BV2IG-10033-A	171.45
1¼"	full	1000	4.1"	BV2IG-12511-A	227.70	BV2IG-12533-A	227.70
1½"	full	1000	4.4"	BV2IG-15011-A	311.60	BV2IG-15033-A	311.60
2"	full	1000	5.1"	BV2IG-20011-A	443.95	BV2IG-20033-A	443.95
2½"	full	800	6.6"	BV2IG-25011-A	887.55	BV2IG-25033-A	887.55
3"	full	800	7.3"	BV2IG-30011-A	1260.00	BV2IG-30033-A	1260.00
4"	full	600	8.9"	BV2IG-40011-A	2178.85	BV2IG-40033-A	2178.85



socket weld



female NPT

Domestic "Deadman" Spring Return Handle Bronze Ball Valves 316 Stainless Steel

Features:

- pressure rating: **2000 PSI WOG** ½" to 1"; **1500 PSI WOG** 1¼" to 2"
- **150 PSI** saturated steam, all sizes
- vacuum service to 29 inches Hg, all sizes
- PTFE seal
- blow-out proof stem design
- adjustable packing gland
- spring return closes valve when not held open
- operating torque approximately three times standard valve torque

female NPT x female NPT

Size	Port	316 Stainless Steel	
		Part #	Price/E
½"	full	SSBV50SR	\$280.20
¾"	standard	SSBV75SR	362.75
1"	standard	SSBV100SR	407.70
1¼"	standard	SSBV125SR	663.75
1½"	standard	SSBV150SR	715.00
2"	standard	SSBV200SR	888.75



Q

Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: **150 PSI** at ambient temperature (70°F)
- standard valve ports - female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon for details
- two ports - one inlet and one outlet

One-Way with Female NPT ends



Size	Aluminum	
	Part #	Price/E
2"	1WAYBV200	\$790.00
3"	1WAYBV300	1050.00
4"	1WAYBV400	1520.00

One-Way with Socket Weld End to Schedule 40 Pipe



Size	Bore	Aluminum	
		Part #	Price/E
2"	2.390"	1WAYBV200SW	\$816.50
3"	3.530"	1WAYBV300SW	1085.75

One-Way with Grooved Ends



Size	Aluminum	
	Part #	Price/E
2"	1WAYBV200VIC	\$1080.00
3"	1WAYBV300VIC	1699.00

Q

Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: **150 PSI** at ambient temperature (70°F)
- standard valve ports - female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon for details
- three ports - one inlet and two outlets, valve directs the flow from the inlet to either of the two outlets
- commonly used for switching compartments or tanks

Two-Way with Female NPT ends

Size	Aluminum	
	Part #	Price/E
2"	2WAYBV200	\$1100.00
3"	2WAYBV300	1370.00
4"	2WAYBV400	3070.00



Two-Way with Socket Weld End to Schedule 40 Pipe

Size	Bore	Aluminum	
		Part #	Price/E
2"	2.390"	2WAYBV200SW	\$1140.00
3"	3.530"	2WAYBV300SW	1464.25



Two-Way with Grooved Ends

Size	Aluminum	
	Part #	Price/E
2"	2WAYBV200VIC3	\$1490.00
3"	2WAYBV300VIC3	2495.00



Q

Carbon Steel Ball Valves

Application:

- for control of air, water, oil and gas in hose or pipe lines, for other services, please contact Dixon

Features:

- pressure rating: **150 PSI** saturated steam
 1/4" - 1" rated to **2000 PSI**
 1 1/4" - 2" rated to **1500 PSI**
- carbon steel body
- chromium plated ball
- RPTFE seat and seal
- blow-out proof stem
- adjustable packing gland



female NPT x female NPT

Size	Port	Carbon Steel	
		Part #	Price/E
1/4"	full	IBV25	\$61.80
3/8"	full	IBV38	61.80
1/2"	standard	IBV50	61.80
3/4"	standard	IBV75	71.25
1"	standard	IBV100	95.40
1 1/4"	standard	IBV125	145.50
1 1/2"	standard	IBV150	202.00
2"	standard	IBV200	261.50

High Pressure Full-Bore Ball Valves

Features:

- blow-out proof stem
- rugged construction
- Viton® seals
- Delrin® seats



female NPT x female NPT

Size	PSI	Carbon Steel				PSI	316 Stainless Steel	
		NPTF Part #	Price/E	SAE Part #	Price/E		NPTF Part #	Price/E
1/4"	7350	HPBV25	\$63.90	HPBV25SAE	\$71.65	5880	HPBV25SS	\$427.50
3/8"	7350	HPBV38	67.80	HPBV38SAE	80.70	5880	HPBV38SS	497.50
1/2"	7350	HPBV12	73.70	HPBV12SAE	87.10	5880	HPBV12SS	595.00
3/4"	5880	HPBV34	145.05	HPBV34SAE	162.20	5145	HPBV34SS	1027.90
1"	5145	HPBV10	173.10	HPBV10SAE	190.00	5145	HPBV10SS	1212.80
1 1/4"	5880	HPBV125	452.90	HPBV125SAE	490.20	---	---	---
1 1/2"	5880	HPBV150	548.90	HPBV150SAE	583.00	---	---	---
2"	5880	HPBV200	831.00	HPBV200SAE	870.00	---	---	---

Polypropylene Compact Bolted Ball Valves

Features:

- pressure rating: **125 PSI** at 70°F
- chemically-resistant, reinforced polypropylene
- PTFE ball seat
- EPDM O-ring body seal, FKM O-ring stem seals
- 304 stainless steel nuts and bolts
- FDA approved material

female NPT x female NPT

Size	Port	Body Length	Polypropylene	
			Part #	Price/E
2"	full	4-7/8"	PVFPS200	\$78.80

female NPT x male adapter

Size	Port	Body Length	Polypropylene	
			Part #	Price/E
2"	full	6-7/8"	PVFPSA200	\$78.80



Polypropylene Bolted Ball Valves

Features:

- pressure rating: ½" - 3" is rated to **125 PSI** at 70°F
4" is rated to **90 PSI** at 70°F
- chemically-resistant, reinforced polypropylene
- PTFE ball seat
- EPDM O-ring body seal, FKM O-ring stem seal
- 304 stainless steel nuts and bolts
- FDA approved material

4-bolt valve design

female NPT x female NPT

Size	Port	Polypropylene		Opt Qty
		Part #	Price/E	
½"	full	PVFP50	\$47.30	24
¾"	full	PVFP75	47.30	24
1"	full	PVFP100	55.20	24
1½"	full	PVFP150	70.40	24
1"	standard	PV100	47.20	24
2"	standard	PV200	68.30	24



6-bolt valve design

female NPT x female NPT

Size	Port	Polypropylene		Opt Qty
		Part #	Price/E	
2"	full	PVFP200	\$100.00	12
3"	full	PVFP300	240.40	8
4"	full	PVFP400	485.00	4



Polypropylene Bolted Ball Valves with Nozzle

Features:

- pressure rating: **125 PSI** at 70°F
- chemically-resistant, reinforced polypropylene
- PTFE ball seat
- EPDM O-ring body seals, FKM O-ring stem seals
- 304 stainless steel nuts and bolts
- FDA approved material
- body-to-flange design allows for low torque operation

female NPT x nozzle

Size	Port	Polypropylene		Opt Qty
		Part #	Price/E	
1½"	full	PVFPN150	\$96.20	12
2"	full	PVFPN200	135.70	9
2"	standard	PVN200	99.20	12



Polypropylene Single Union Ball Valves

Features:

- pressure rating: **125 PSI** at 70°F
- corrosion resistant polypropylene
- PTFE ball seat
- EPDM O-ring
- FDA approved material

female NPT x female NPT

Size	Port	Polypropylene		Pkg Qty
		Part #	Price/E	
½"	full	SUBV50	\$20.00	24
¾"	full	SUBV75	21.70	24
1"	full	SUBV100	27.70	24
1¼"	full	SUBV125	46.10	12
1½"	full	SUBV150	56.70	12
2"	full	SUBV200	72.10	12
3"	full	SUBV300	213.50	4



Polypropylene 45° Single Union Nozzle Valve


Features:

- pressure rating: **125 PSI** at 70°F
- corrosion resistant polypropylene
- PTFE ball seats
- EPDM O-ring
- FDA approved material

female NPT x nozzle

Size	Port	Polypropylene		Pkg Qty
		Part #	Price/E	
1"	full	SUBVN100	\$28.90	24

Domestic Gate Valves


Features:

- Class 150
- pressure rating: **300 PSI** cold working pressure, **150 PSI** steam working pressure
- union bonnet
- ASME B1.20.1
- Grafoil® packing
- rising stem
- solid disc
- malleable iron handwheel
- 100% factory tested
- temperature range: -20°F to 406°F

Female NPT	Part #	Brass	Price/E
½"	DBGV50		\$119.30
¾"	DBGV75		141.70
1"	DBGV100		178.95
1¼"	DBGV125		275.90
1½"	DBGV150		340.00
2"	DBGV200		413.05

Gate Valves

Features:

- pressure rating: **200 PSI** non-shock cold water, oil, gas
- threaded bonnet
- integral seat
- adjustable packing nut
- non-rising stem
- solid wedge disc
- iron handwheel
- 100% factory tested



Female NPT	Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
¼"	BGV25	\$19.60	---	---
⅜"	BGV38	19.60	---	---
½"	BGV50	19.60	SSGV50	\$136.75
¾"	BGV75	26.60	SSGV75	162.75
1"	BGV100	39.75	SSGV100	204.00
1¼"	BGV125	56.00	SSGV125	279.10
1½"	BGV150	71.20	SSGV150	371.50
2"	BGV200	106.00	SSGV200	458.30
2½"	BGV250	202.00	---	---
3"	BGV300	270.00	---	---
4"	BGV400	430.00	---	---

Application:

- can be used for steam service

Features:

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: **1975 PSI**
- maximum temperature: **800°F**



Female NPT	Part #	Forged Steel	Price/E
½"	FSGV50		\$114.35
¾"	FSGV75		120.35
1"	FSGV100		166.55
1¼"	FSGV125		300.90
1½"	FSGV150		311.50
2"	FSGV200		395.20

Domestic Globe Valves

Features:

- Class 150
- pressure rating: **300 PSI** cold working pressure, **150 PSI** steam working pressure
- union bonnet
- ASME B1.20.1
- Grafoil® packing
- PTFE disc
- malleable iron handwheel
- 100% factory tested

Female NPT	Part #	Brass	Price/E
1/2"	DGLBV50		\$162.60
3/4"	DGLBV75		217.70
1"	DGLBV100		341.45
1 1/4"	DGLBV125		544.25
1 1/2"	DGLBV150		660.55
2"	DGLBV200		991.60



Globe Valves

Features:

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: **1975 PSI**
- maximum temperature: **800°F**
- can be used for steam service

Female NPT	Part #	Forged Steel	Price/E
1/2"	FSGLBV50		\$158.50
3/4"	FSGLBV75		172.55
1"	FSGLBV100		228.70
1 1/4"	FSGLBV125		413.25
1 1/2"	FSGLBV150		423.25
2"	FSGLBV200		523.55



Dual Y Valves

Application:

- dual action valve, ideal for compressor applications

Features:

- non-vented pressure rating: **600 PSI** WOG
- vented pressure rating: **125 PSI** Cold Working Pressure


Non-Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Brass Part #	Price/E
1"	3/4"	BBV100DW	\$163.90
1 1/4"	3/4"	BBV125DW	163.90

Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Brass Part #	Price/E
1"	3/4"	BBV100DWV	\$163.90
1 1/4"	3/4"	BBV125DWV	163.90

Q

Mini Ball Valves

Features:

- pressure rating: **450 PSI**
- nickel plated brass body
- PTFE seats and Buna-N stem seal
- blow-out proof stem
- maximum temperature **330°F**
- American Gas Association and Canadian Gas Association approved

female NPT x female NPT

Size	Port	Part #	Brass	Price/E
1/8"	standard	MBV12		\$13.40
1/4"	full	MBV25		13.40
3/8"	full	MBV38		12.45
1/2"	standard	MBV50		18.30



2014
NEW

Dixon Eagle Bellows Seal Valves

Dixon Eagle specializes in the design, manufacture and testing of zero emissions bellows seal gate and globe valves. Bellows seal valves eliminate fugitive emissions of toxic or regulated fluids, prevent corrosive or harmful atmospheric conditions from entering the process, minimize maintenance and reduce life cycle costs in process plants including steam, cryogenic, heat transfer oil and vacuum systems. Bellows seals are considered zero-emission devices by the US Environmental Protection Agency.



H & W series gate valves



F & G series globe valves



L series gate valve



J series globe valve



GY series globe valve

Applications:

For use in applications where leakage into or out of the valve is unacceptable such as heat transfer oil, toxic fluids, steam and regulated media.

Features:

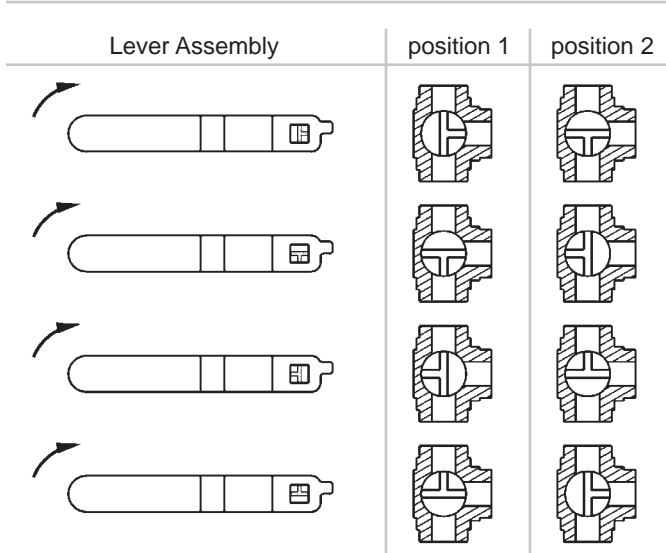
- all valves 100% tested in the USA
- zero stem leakage eliminates media loss and satisfies environmental regulations
- zero maintenance results in lower operating costs / no downtime
- reduces monitoring costs
- three stem seals for safety: metallic bellows, graphite packing, backseat in open position
- all valves 100% tested
- 5 year bellows warranty
- cryogenic valves are also available, contact Dixon Eagle at 800.314.9246 or e-mail eaglesales@dixonvalve.com

For more information on Dixon Eagle bellows seal valves contact Dixon Eagle.

Dixon Eagle

ph: 401.732.0333 • toll free 800.314.9246 • fx: 401.732.2201
eaglesales@dixonvalve.com

3-Way Diverting Ball Valves T Flow Pattern



Note: ¼ turn handle can be adjusted to any orientation. Notches on the valve stem reflect the three openings on the ball.



Features:

- pressure rating: **400 PSI** WOG; **100 PSI** saturated steam
- chrome plated brass ball
- PTFE seats, seals, and thrust washer
- brass body
- adjustable stem packing
- blow-out proof stem
- maximum temperature: **344°F**

female NPT x female NPT x female NPT

Size	Port	Brass	
		Part #	Price/E
½"	standard	BBV50DTW	\$108.50
¾"	standard	BBV75DTW	119.80
1"	standard	BBV100DTW	183.65
1¼"	standard	BBV125DTW	269.10
1½"	standard	BBV150DTW	409.35
2"	standard	BBV200DTW	668.55

L Flow Pattern

Features:

- can be used with gasoline and diesel fuel
- pressure rating: **400 PSI** WOG
- bronze body
- blow-out proof stem
- chromium-plated ball
- RPTFE seats and stuffing box ring
- stainless steel handle and nut with vinyl sleeve
- adjustable packing gland

female NPT x female NPT x female NPT

Size	Port	Bronze	
		Part #	Price/E
½"	full	BBV50TW ¹	\$72.35
¾"	standard	BBV75TW	99.80
1"	standard	BBV100TW	132.25

¹ carbon steel handle and nut with vinyl sleeve

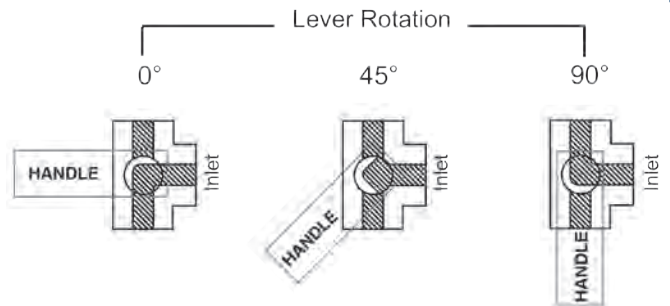


Features:

- rated to **800 PSI** WOG
- stainless steel body and ball
- blow-out proof stem
- RPTFE seats and stuffing box ring
- stainless steel handle and nut with vinyl sleeve
- adjustable packing gland
- meets NACE MR-01-75

female NPT x female NPT x female NPT

Size	Port	Stainless Steel	
		Part #	Price/E
½"	full	SSBV50TW	\$301.90
¾"	standard	SSBV75TW	400.00
1"	standard	SSBV100TW	503.00



Q

Drum Plug Wrenches



DPW



ADPW

Features:

- sparkproof, natural finish is safe around flammables
- offset handle design reduces user stress and minimizes knuckle injury

Bronze		Aluminum	
Part #	Price/E	Part #	Price/E
DPW	\$103.30	ADPW	\$41.75

Drum Faucets

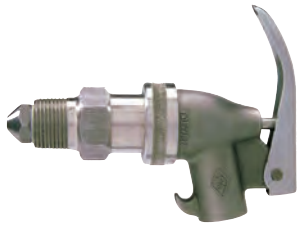
Polyethylene Drum Faucets


Features:

- Faucets are *not* to be used in applications where temperatures exceed **140°F (60°C)**.
- no wrench needed for screwing into drum opening
- 2" faucet is shipped with a gasket; the ¾" does not require a gasket

NPT Thread	Part #	Price/E
¾"	PEDF75	\$10.50
2"	PEDF200	56.75

Stainless Heavy Duty Adjustable Drum Faucet


Features:

- ¾" NPT connection
- adjustable shank is designed to easily adjust to proper drain position after installing in drum
- PTFE gasket

Part #	Price/E
HDSSF75	\$554.00

Brass Heavy Duty Adjustable Drum Faucet


Features:

- ¾" NPT connection
- easy to use, self-closing design

Part #	Price/E
AHDBF75	\$225.40

Brass Heavy Duty Drum Faucet with Rigid Shank


Features:

- ¾" NPT connection
- easy to use, self-closing design
- PTFE gasket

Part #	Price/E
HDBF75	\$179.95

Compression Bibb Faucets


Application:

- for water use only

Features:

- rough brass finish
- nozzle end is GHT

Male NPT Inlet	Part #	Price/E
½"	35-201-10	\$28.70
¾"	35-202-10	28.70

Drum Thread Adapter

Application:

- for use in gravity discharge from drums

Features:

- male NPSH thread with gasket on the drum side allows for a connection to drums with female NPSH thread
- male NPT end allows for a connection with the female NPT found on most ball valves



Size	Part #	Cast Brass	Price/E
2" x 2"	DMH20DR20		\$68.00

Drum Gate Valves

Application:

- ideal for drawing non-flammable liquids from drums and tanks

Features:

- iron body
- manually operated
- machined and lapped brass faceplate designed for oval discharge, ensures no splashing and a smooth operation
- black Japanned finish
- can be padlocked



Male NPT	Part #	Iron	Price/E
3/4"	D71		\$87.00
2"	D75		117.00

Features:

- lightweight, durable aluminum body provides improved corrosion resistance for certain fluids
- sturdy 2" handle is stamped metal with black enamel finish
- can be padlocked



Male NPT	Part #	Aluminum	Price/E
2"	D75AL		\$169.00

Self-Closing Gate Valves

Application:

Ideal for dispensing viscous liquids such as oil, grease paint, varnish and syrups from drums and tanks

Features:

- gray iron body, brass sliding gate and machine lapped sealing surface
- gate closes automatically when handle is released, cleaning discharge surface
- can be padlocked



Male NPT	Part #	Iron	Price/E
3/4"	D71SC		\$137.00
2"	D75SC		339.00

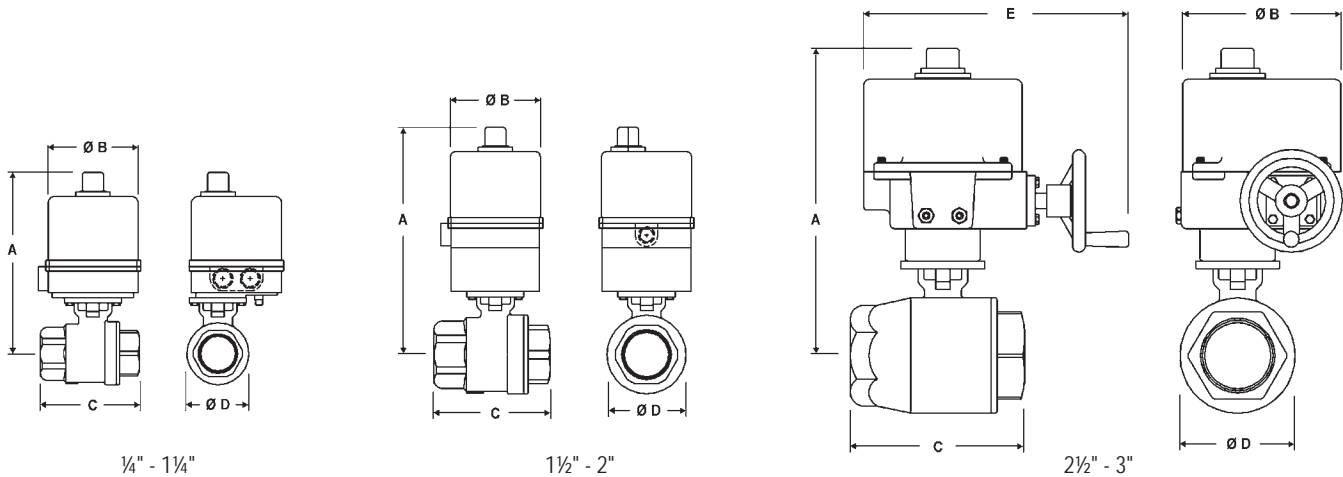
Electrically Actuated 2-Piece Stainless Ball Valves

**Features:****2-Piece Stainless Ball Valve**

- RTFE seats and seals
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- pressure rating: ¼" - 2" **1000 PSI WOG**, 2½" - 3" **800 PSI WOG**
- temperature range: **-40°F to 450°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: ½" - 1½"
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



¼" - 1¼"

1½" - 2"

2½" - 3"

*Dimensions are approximate.**Engineering dimensions are available upon request. Specifications are subject to change without notice.*

Size	Dimensions					Override	316 Stainless Steel Part #	Voltage				
	A	B	C	D	E			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
¼"	7.79	4.50	2.56	1.40	NA	standard	BV2HG-02511	\$879.70	\$879.70	\$879.70	\$879.70	\$879.70
⅜"	7.79	4.50	2.56	1.40	NA	standard	BV2HG-03811	897.70	897.70	897.70	897.70	897.70
½"	7.74	4.50	2.95	1.40	NA	standard	BV2HG-05011	903.60	903.60	903.60	903.60	903.60
¾"	7.84	4.50	3.15	1.75	NA	standard	BV2HG-07511	904.15	904.15	904.15	904.15	904.15
1"	8.09	4.50	3.54	1.75	NA	standard	BV2HG-10011	954.20	954.20	954.20	954.20	954.20
1¼"	8.29	4.50	4.33	2.58	NA	standard	BV2HG-12511	998.85	998.85	998.85	998.85	998.85
1½"	8.69	4.50	4.72	2.97	NA	N/A	BV2HG-15011	1083.35	1083.35	1083.35	1083.35	1083.35
2"	11.13	4.50	5.51	2.73	NA	N/A	BV2HG-20011	1548.35	1548.35	1548.35	1548.35	1548.35
2½"	13.72	7.08	7.28	4.68	12.83	handwheel	BV2HG-25011-EP¹	2675.35	---	---	---	---
2½"	10.69	6.06	7.28	4.68	NA	N/A	BV2HG-25011	2675.35	2675.35	2675.35	2675.35	2675.35
3"	13.72	7.08	8.07	5.44	12.83	handwheel	BV2HG-30011	4384.25	4384.25	4384.25	4384.25	4384.25

¹ for 110VAC 2½" with manual override use -EP

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc.
Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.

**Caution !**

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.
For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.

Pneumatically Actuated 2-Piece Stainless Ball Valves

Features:

2-Piece Stainless Ball Valve

- RTFE seats and seals
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- pressure rating: ¼" - 2" **1000 PSI WOG**, 2½" - 3" **800 PSI WOG**
- temperature range: ¼" to 2": **-40°F to 350°F**,
2½" to 3": **-40°F to 325°F**

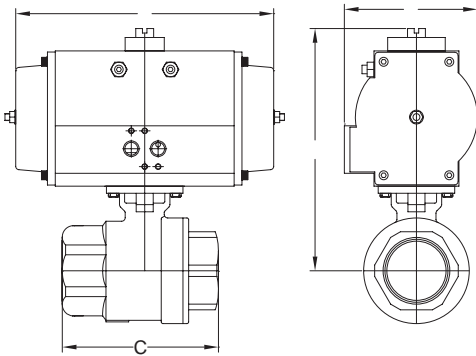
Rack and Pinion Actuator

- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles



Spring Return (normally closed)

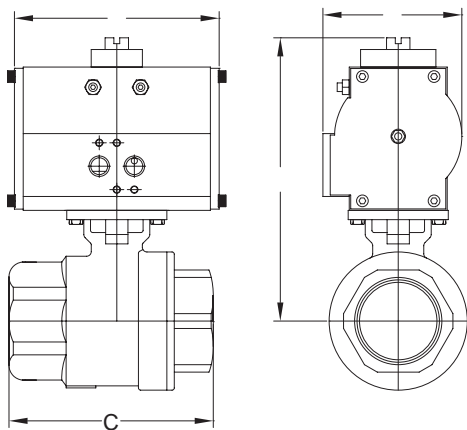
Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.



Size	Dimensions				316 Stainless Steel	
	A	B	C	D	Part #	Price/E
¼"	5.21	2.80	2.56	5.49	BV2HG-02511-BBC	\$519.80
⅜"	5.21	2.80	2.56	5.49	BV2HG-03811-BBC	524.90
½"	5.16	2.80	2.95	5.49	BV2HG-05011-BBC	550.40
¾"	5.26	2.80	3.15	5.49	BV2HG-07511-BBC	555.25
1"	6.64	3.74	3.54	8.09	BV2HG-10011-BBC	602.20
1¼"	6.84	3.74	4.33	8.09	BV2HG-12511-BBC	646.90
1½"	8.14	4.69	4.72	9.84	BV2HG-15011-BBC	834.10
2"	8.69	4.69	5.51	9.84	BV2HG-20011-BBC	1112.85
2½"	9.54	5.53	7.28	13.98	BV2HG-25011-BBC	1519.95
3"	11.39	7.29	8.07	16.61	BV2HG-30011-BBC	3382.75

Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.



Size	Dimensions				316 Stainless Steel	
	A	B	C	D	Part #	Price/E
1/4"	4.25	1.77	2.56	4.33	BV2HG-02511-BCC	\$372.45
3/8"	4.25	1.77	2.56	4.33	BV2HG-03811-BCC	355.70
1/2"	4.20	1.77	2.95	4.33	BV2HG-05011-BCC	361.25
3/4"	4.30	1.77	3.15	4.33	BV2HG-07511-BCC	398.95
1"	5.89	3.20	3.54	5.68	BV2HG-10011-BCC	503.90
1¼"	6.09	3.20	4.33	5.68	BV2HG-12511-BCC	548.55
1½"	7.24	3.74	4.72	5.87	BV2HG-15011-BCC	689.20
2"	7.79	3.74	5.51	5.87	BV2HG-20011-BCC	1110.55
2½"	8.75	4.69	7.28	7.20	BV2HG-25011-BCC	1387.70
3"	10.01	5.53	8.07	10.22	BV2HG-30011-BCC	2900.30

A wide variety of switches, solenoids, positioners, etc., are available.
Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.



Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.



Electrically Actuated 3-Piece Stainless Ball Valves

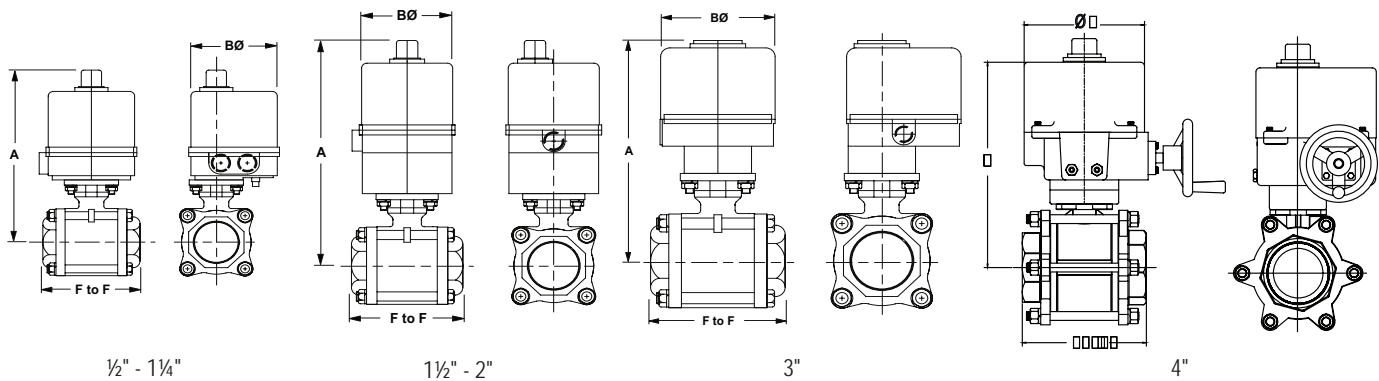
Features:

3-Piece Stainless Ball Valve

- 15% glass reinforced RTFE seats
- blow-out proof stainless steel stem
- live-loaded stem packing
- ISO 5211 mounting pad
- swing out in-line easy maintenance
- pressure rating: ½" - 2" **1000 PSI WOG**
3" **800 PSI WOG**
- temperature range: ½" to 2": **-40°F to 350°F**,
3" to 4": **-40°F to 325°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: ½" - 1½" sizes
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



½" - 1¼"

1½" - 2"

3"

4"

Dimensions are approximate.

Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions			Override	316 Stainless Steel Part #	Voltage				
	F to F	A	B			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
½"	2.6	7.8	4.5	standard	BV2IG-05011	\$1063.05	\$919.45	\$919.45	\$919.45	\$1026.65
¾"	3.0	8.0	4.5	standard	BV2IG-07511	946.60	946.60	946.60	946.60	1224.65
1"	3.4	8.3	4.5	standard	BV2IG-10011	1174.50	987.65	987.65	987.65	1094.85
1¼"	4.0	8.5	4.5	standard	BV2IG-12511	1282.80	1045.45	1045.45	1045.45	1152.65
1½"	4.7	9.2	4.5	N/A	BV2IG-15011	1413.95	1124.30	1124.30	1124.30	1231.50
2"	5.2	11.4	4.5	N/A	BV2IG-20011	1544.55	1594.75	2043.65	1488.00	1488.00
3"	7.2	12.2	6.1	N/A	BV2IG-30011	2922.80	3851.50	3398.35	2880.30	3501.90
4"	8.9	16.1	7.1	N/A	BV2IG-40011	5160.00	5067.45	5144.80	5067.45	5067.45

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.



Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.



Pneumatically Actuated 3-Piece Stainless Ball Valves

Features:

3-Piece Stainless Ball Valve

- 15% glass reinforced RTFE seats
- blow-out proof stainless steel stem
- live-loaded stem packing
- ISO 5211 mounting pad
- swing out in-line easy maintenance
- pressure rating: ½" - 2" **1000 PSI WOG**
3" **800 PSI WOG**
- temperature range: ½" to 2" **-40°F to 350°F**
3" to 4": -40°F to 325°F

Rack and Pinion Actuator

- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles

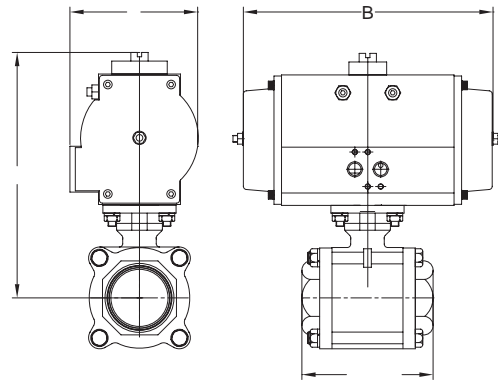


Spring Return (normally closed)

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions				316 Stainless Steel	
	F to F	A	B	C	Part #	Price/E
½"	2.6	7.0	7.7	3.2	BV2IG-05011-BBC ¹	\$587.30
¾"	3.0	7.2	7.7	3.2	BV2IG-07511-BBC ¹	592.60
1"	3.4	6.1	7.7	3.2	BV2IG-10011-BBC	628.50
1¼"	4.0	6.3	7.7	3.2	BV2IG-12511-BBC	686.35
1½"	4.7	7.7	8.1	3.7	BV2IG-15011-BBC	850.70
2"	5.2	8.8	8.1	3.7	BV2IG-20011-BBC	1156.75
3"	7.2	10.2	9.8	4.7	BV2IG-30011-BBC	2269.60
4"	8.9	12.4	10.9	5.5	BV2IG-40011-BBC	4259.25

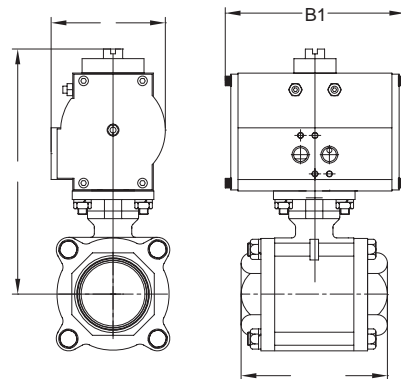
¹ bracket and coupler required for ½" and ¾" spring return actuator



Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions				316 Stainless Steel	
	F to F	A	B1	C	Part #	Price/E
½"	2.6	5.0	4.7	2.4	BV2IG-05011-BCC	\$373.85
¾"	3.0	5.2	4.7	2.4	BV2IG-07511-BCC	401.00
1"	3.4	6.1	5.7	3.2	BV2IG-10011-BCC	529.65
1¼"	4.0	6.3	5.7	3.2	BV2IG-12511-BCC	587.45
1½"	4.7	7.7	5.9	3.7	BV2IG-15011-BCC	727.85
2"	5.2	8.0	5.9	3.7	BV2IG-20011-BCC	863.75
3"	7.2	10.2	7.2	4.7	BV2IG-30011-BCC	1838.85
4"	8.9	13.8	16.3	7.2	BV2IG-40011-BCC	3069.80



A wide variety of switches, solenoids, positioners, etc., are available.
Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.



Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.
For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.



Electrically Actuated Brass Ball Valves



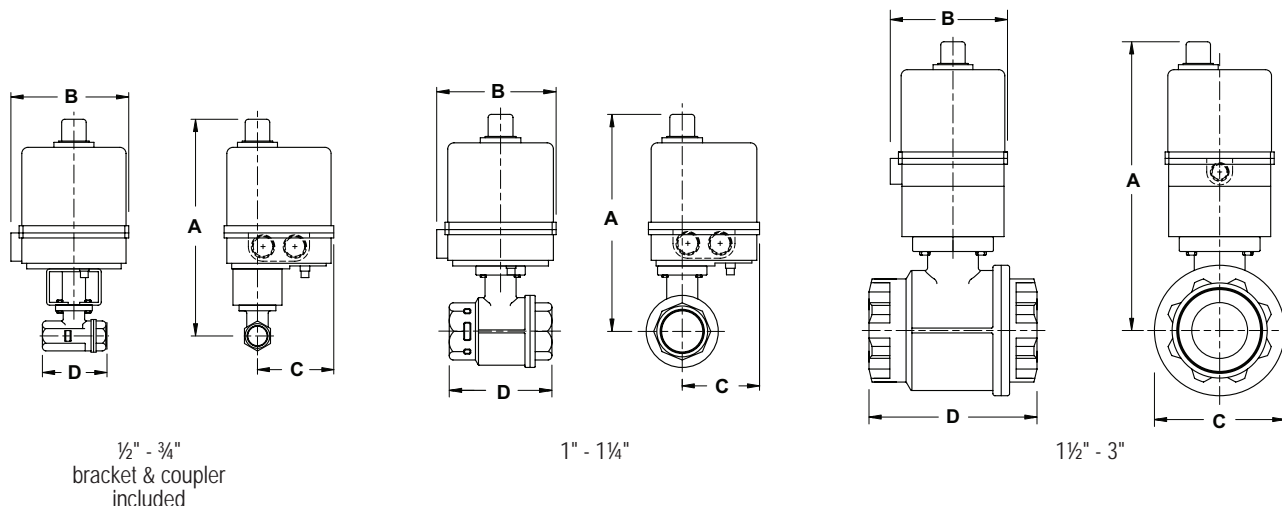
Features:

2-Piece Brass Ball Valve

- brass, body and ball
- FKM elastomers
- blow-out proof brass stem
- PTFE seats with double O-ring stem packing
- ISO 5211 mounting pad
- pressure rating: - **600 PSI WOG**
- **150 PSI WSP**
- maximum temperature: **300°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: ½" - 1½" sizes
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



½" - ¾"
bracket & coupler
included

1" - 1¼"

1½" - 3"

Dimensions are approximate.

Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions				Override	Brass Part #	Voltage				
	A	B	C	D			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
½"	8.8	4.5	3.1	2.6	standard	BV2BV-05011	\$865.80	\$865.80	\$865.80	\$865.80	\$973.05
¾"	9.2	4.5	3.1	3.0	standard	BV2BV-07511	877.40	877.35	877.35	877.35	984.60
1"	9.4	4.5	3.1	3.4	standard	BV2BV-10011	902.10	925.00	925.00	902.10	1206.85
1¼"	9.5	4.5	3.1	3.7	standard	BV2BV-12511	976.15	976.20	976.20	976.20	1083.40
1½"	8.7	4.5	3.1	4.1	N/A	BV2BV-15011	1322.85	1347.15	1022.40	1758.30	1452.40
2"	9.0	4.5	3.1	4.8	N/A	BV2BV-20011	1379.10	1452.70	1452.70	1860.10	1531.25
3"	11.8	6.1	5.4	6.9	N/A	BV2BV-30011	2508.35	3255.80	3556.70	2463.80	2771.75

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc.
Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.



Caution !



Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.
For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.

Pneumatically Actuated Brass Ball Valves

Features:

2-Piece Brass Ball Valve

- brass, body and ball
- FKM elastomers
- blow-out proof brass stem
- PTFE seats with double O-ring stem packing
- ISO 5211 mounting pad
- pressure rating: - **600 PSI WOG**
- **150 PSI WSP**
- maximum temperature: **300°F**

Rack and Pinion Actuator

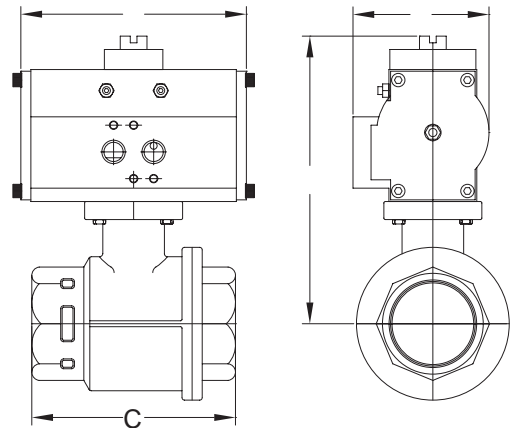
- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles



Spring Return (normally closed)

All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

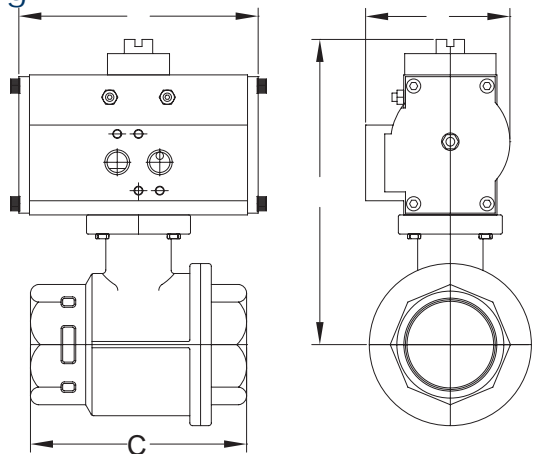
Size	Dimensions				316 Stainless Steel	
	A	B	C	D	Part #	Price/E
1/4"	4.80	2.80	2.64	5.49	BV2BV-02511-BBC	\$524.15
3/8"	4.80	2.80	2.64	5.49	BV2BV-03811-BBC	510.70
1/2"	4.80	2.80	2.64	5.49	BV2BV-05011-BBC	533.65
3/4"	4.88	2.80	3.00	5.49	BV2BV-07511-BBC	518.25
1"	5.31	2.80	3.35	5.49	BV2BV-10011-BBC	543.00
1 1/4"	5.45	2.80	3.66	5.49	BV2BV-12511-BBC	695.30
1 1/2"	6.04	2.80	4.13	5.49	BV2BV-15011-BBC	741.50
2"	6.40	2.80	4.80	5.49	BV2BV-20011-BBC	991.30
2 1/2"	8.13	3.74	6.10	8.09	BV2BV-25011-BBC	1293.00
3"	8.50	3.74	6.89	8.09	BV2BV-30011-BBC	1855.20
4"	10.14	4.69	8.03	9.84	BV2BV-40011-BBC	2250.30



Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Size	Dimensions				316 Stainless Steel	
	A	B	C	D	Part #	Price/E
1/4"	3.84	1.77	2.64	4.33	BV2BV-02511-BCC	\$375.80
3/8"	3.84	1.77	2.64	4.33	BV2BV-03811-BCC	362.35
1/2"	3.84	1.77	2.64	4.33	BV2BV-05011-BCC	320.20
3/4"	3.92	1.77	3.00	4.33	BV2BV-07511-BCC	419.35
1"	4.35	1.77	3.35	4.33	BV2BV-10011-BCC	444.10
1 1/4"	4.49	1.77	3.66	4.33	BV2BV-12511-BCC	572.50
1 1/2"	6.42	3.20	4.13	5.68	BV2BV-15011-BCC	618.70
2"	6.78	3.20	4.80	5.68	BV2BV-20011-BCC	698.30
2 1/2"	8.13	3.74	6.10	5.87	BV2BV-25011-BCC	1150.10
3"	8.50	3.74	6.89	5.87	BV2BV-30011-BCC	1424.45
4"	10.14	4.69	8.03	7.20	BV2BV-40011-BCC	1819.55



A wide variety of switches, solenoids, positioners, etc., are available. Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.



Caution!

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.



Electrically Actuated 3-Way Stainless Ball Valves - 'T / L' Port

Features:

3-Way Stainless Ball Valve

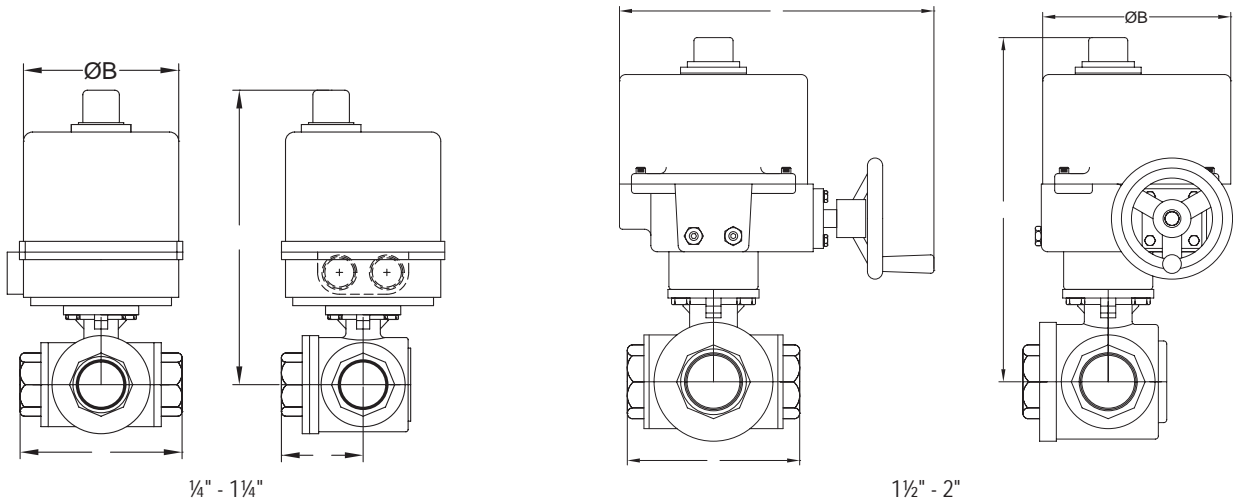
- full port
- female NPT ends
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- 100% air tested under water at **80 PSI**
- working pressure: ¼" to 1": **1000 PSI**;
1¼" to 2": **800 PSI**
- maximum temperature: **300°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: ½" - 1½" sizes
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



- see page 696 for flow path options
- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- for spring return actuators must note fail position



Dimensions are approximate. Engineering dimensions are available upon request.
Specifications are subject to change without notice.

* T = t style
* L = l style

Size	Dimensions					Override	316 Stainless Steel Part #	Voltage				
	A	B	C	D	E			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
¼"	9.01	6.06	2.83	1.41	N/A	standard	BV3IG*F-0251	\$1184.10	\$1184.10	\$1184.10	\$1184.10	\$1291.30
⅜"	9.01	6.06	2.83	1.41	N/A	standard	BV3IG*F-0381	1184.10	1184.10	1184.10	1184.10	1291.30
½"	9.21	6.06	3.26	1.63	N/A	standard	BV3IG*F-0501	1184.10	1184.10	1184.10	1184.10	1291.30
¾"	9.21	6.06	3.89	1.94	N/A	standard	BV3IG*F-0751	1313.05	1313.05	1313.05	1313.05	1420.25
1"	9.74	6.06	4.40	2.20	N/A	standard	BV3IG*F-1001	1456.30	1456.30	1456.30	1456.30	1563.50
1¼"	10.04	6.06	4.92	2.46	N/A	standard	BV3IG*F-1251	1715.40	1715.40	1715.40	1715.40	1822.60
1½"	12.92	7.87	5.86	2.93	12.99	handwheel	BV3IG*F-1501	2817.10	2817.10	2817.10	2817.10	3080.60
2"	13.67	7.87	6.85	3.42	12.99	handwheel	BV3IG*F-2001	3664.70	3664.70	3664.70	3664.70	4392.20

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc.
Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.

Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.

Pneumatically Actuated 3-Way Stainless Ball Valves - 'T / L' Port

- see page 696 for flow path options
- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- for spring return actuators must note fail position



Features:

3-Way Stainless Ball Valve

- full port
- female NPT ends
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- 100% air tested under water at **80 PSI**
- working pressure: ¼" to 1": **1000 PSI**; 1¼" to 2": **800 PSI**
- maximum temperature: **300°F**

Rack and Pinion Actuator

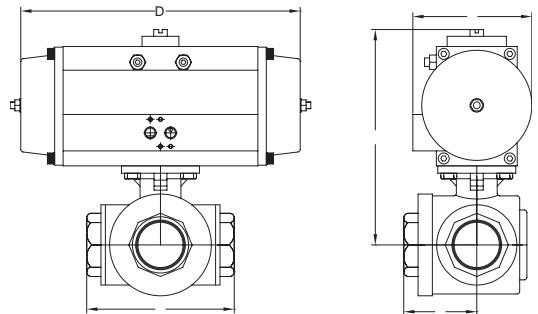
- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles

Spring Return (normally closed)

All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

- * T = t-style
- * L = l-style

Size	Dimensions					316 Stainless Steel	
	A	B	C	D	E	Part #	Price/E
¼"	5.35	3.20	2.83	7.10	1.41	BV3IG*F-0251BBC	\$852.00
⅜"	5.35	3.20	2.83	7.10	1.41	BV3IG*F-0381BBC	852.00
½"	5.55	3.20	3.26	7.10	1.63	BV3IG*F-0501BBC	852.00
¾"	6.30	3.74	3.89	7.45	1.94	BV3IG*F-0751BBC	1039.40
1"	6.83	3.74	4.40	7.45	2.20	BV3IG*F-1001BBC	1182.65
1¼"	7.13	3.74	4.92	7.45	2.46	BV3IG*F-1251BBC	1612.00
1½"	8.43	4.69	5.86	9.10	2.93	BV3IG*F-1501BBC	1918.55
2"	9.97	5.53	6.85	12.99	3.42	BV3IG*F-2001BBC	3011.55

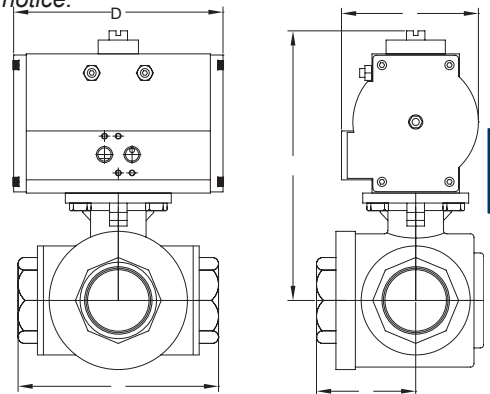


Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

- * T = t-style
- * L = l-style

Size	Dimensions					316 Stainless Steel	
	A	B	C	D	E	Part #	Price/E
⅜"	5.35	3.20	2.83	7.10	1.41	BV3IG*F-0381BCC	753.10
½"	5.55	3.20	3.26	7.10	1.63	BV3IG*F-0501BCC	753.10
¾"	6.30	3.74	3.89	7.45	1.94	BV3IG*F-0751BCC	855.00
1"	6.83	3.74	4.40	7.45	2.20	BV3IG*F-1001BCC	1059.85
1¼"	7.13	3.74	4.92	7.45	2.46	BV3IG*F-1251BCC	1479.00
1½"	8.43	4.69	5.86	9.10	2.93	BV3IG*F-1501BCC	1785.60
2"	9.97	5.53	6.85	12.99	3.42	BV3IG*F-2001BCC	2580.75



A wide variety of switches, solenoids, positioners, etc., are available. Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.



Caution !

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.



Electrically Actuated 3-Way Brass Ball Valves - 'T / L' Port

Features:

3-Way Brass Ball Valve

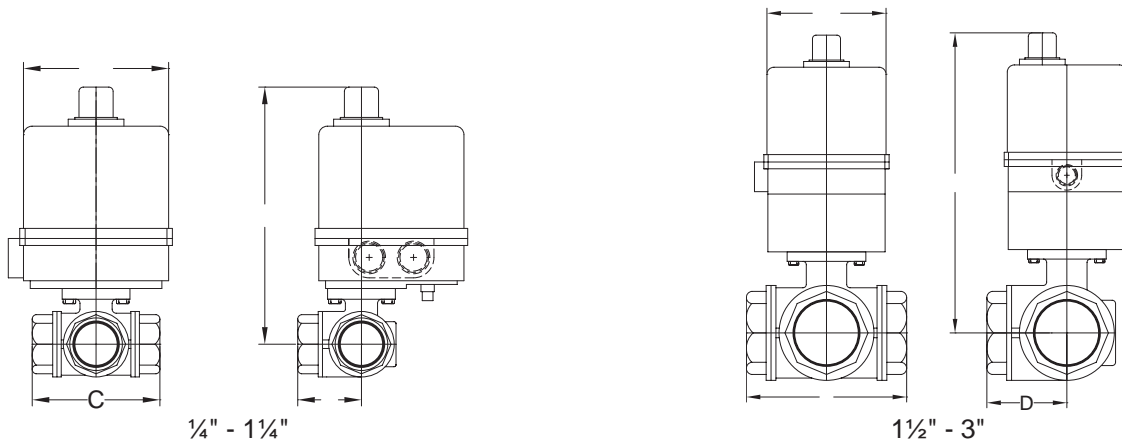
- reduced port
- blow-out proof stem
- brass body and chrome-plated brass ball
- PTFE seats with O-ring backing for low operating torque
- PTFE seats and double O-ring stem packing
- ISO 5211 mounting pad
- 100% tested
- pressure rating: **400 PSI WOG, 100 PSI WSP**
- maximum temperature: **300°F**

Electric Actuator

- lightweight powder coated aluminum alloy housing
- NEMA 4/4X waterproof and dustproof
- extended duty cycle induction motor
- high alloy steel gear train
- H-insulation class
- visual position indication
- space heater is standard
- manual override standard: 1/2" - 1 1/2" sizes
- temperature range: **-41°F to 140°F**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



- see page 696 for flow path options
- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- for spring return actuators must note fail position



Dimensions are approximate. Engineering dimensions are available upon request.
Specifications are subject to change without notice.

* T = t-style
* L = l-style

Size	Dimensions				Override	Brass Part #	Voltage				
	A	B	C	D			110VAC -EA	24VDC -EG	12VDC -ET	220VAC -EK	24VAC -ES
1/4"	8.76	6.06	2.64	1.32	standard	BV3BV*R-0251	\$955.60	\$955.60	\$955.60	\$955.60	\$955.60
3/8"	8.76	6.06	2.64	1.32	standard	BV3BV*R-0381	955.60	955.60	955.60	955.60	955.60
1/2"	8.76	6.06	2.87	1.44	standard	BV3BV*R-0501	955.60	955.60	955.60	955.60	955.60
3/4"	8.85	6.06	3.19	1.60	standard	BV3BV*R-0751	979.15	979.15	979.15	979.15	979.15
1"	9.19	6.06	3.74	1.87	standard	BV3BV*R-1001	1012.70	1012.70	1012.70	1012.70	1012.70
1 1/4"	9.41	6.06	4.39	2.20	standard	BV3BV*R-1251	1117.25	1117.25	1117.25	1117.25	1117.25
1 1/2"	9.90	6.06	4.86	2.43	N/A	BV3BV*R-1501	1381.05	1381.05	1381.05	1381.05	1381.05
2"	10.89	4.25	5.73	2.87	N/A	BV3BV*R-2001	1988.95	1988.95	1988.95	1988.95	1988.95
2 1/2"	11.34	4.25	6.93	3.47	N/A	BV3BV*R-2501	2911.35	2911.35	2911.35	2911.35	2911.35
3"	11.34	4.25	7.08	3.54	N/A	BV3BV*R-3001	2780.25	2780.25	2780.25	2780.25	2780.25

A wide variety of options are available: modulating, extra switches, transmitters, potentiometer, etc.
Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.



Caution !



Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.
For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.

Pneumatically Actuated 3-Way Brass Ball Valves - 'T / L' Port

- see page 696 for flow path options
- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- for spring return actuators must note fail position



Features:

3-Way Brass Ball Valve

- reduced port
- blow-out proof stem
- brass body and chrome-plated brass ball
- PTFE seats with O-ring backing for low operating torque
- PTFE seats and double O-ring stem packing
- ISO 5211 mounting pad
- 100% tested
- pressure rating: **400 PSI WOG 100 PSI WSP**
- maximum temperature: **300°F**

Rack and Pinion Actuator

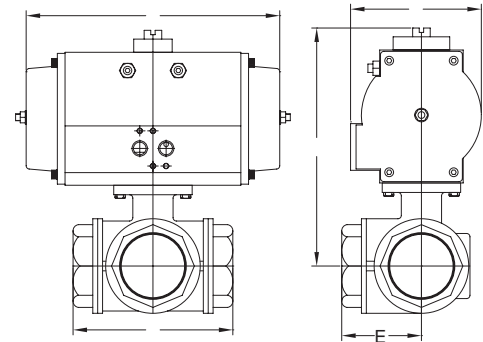
- hard anodized aluminum body
- nickel plated anti-blowout pinion
- Buna-N O-rings
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- 80 PSI plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F**
- tested to one million cycles

Spring Return (normally closed)

All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

* T = t-style
* L = l-style

Size	Dimensions					Brass	
	A	B	C	D	E	Part #	Price/E
1/4"	4.72	2.80	2.64	5.49	1.32	BV3BV*R-0251BBC	\$626.30
3/8"	4.72	2.80	2.64	5.49	1.32	BV3BV*R-0381BBC	626.30
1/2"	4.72	2.80	2.87	5.49	1.44	BV3BV*R-0501BBC	626.30
3/4"	4.81	2.80	3.19	5.49	1.60	BV3BV*R-0751BBC	663.15
1"	6.28	3.74	3.74	7.45	1.87	BV3BV*R-1001BBC	774.35
1 1/4"	6.50	3.74	4.39	7.45	2.20	BV3BV*R-1251BBC	900.85
1 1/2"	6.99	3.74	4.86	7.45	2.43	BV3BV*R-1501BBC	1189.35
2"	8.45	4.69	5.73	9.10	2.87	BV3BV*R-2001BBC	1669.00
2 1/2"	8.90	4.69	6.93	9.10	3.47	BV3BV*R-2501BBC	2574.20
3"	8.90	4.69	7.08	9.10	3.54	BV3BV*R-3001BBC	2511.55

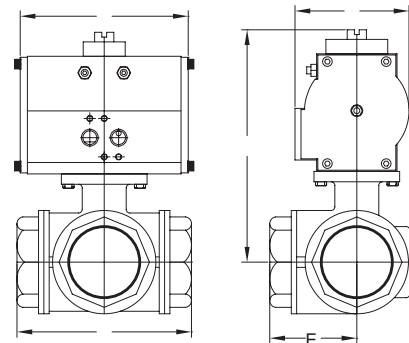


Double Acting

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

* T = t-style
* L = l-style

Size	Dimensions					Brass	
	A	B	C	D	E	Part #	Price/E
1/4"	3.76	1.77	2.64	4.33	1.32	BV3BV*R-0251BCC	\$479.20
3/8"	3.76	1.77	2.64	4.33	1.32	BV3BV*R-0381BCC	479.20
1/2"	3.76	1.77	2.87	4.33	1.44	BV3BV*R-0501BCC	489.00
3/4"	3.85	1.77	3.19	4.33	1.60	BV3BV*R-0751BCC	528.50
1"	5.53	3.20	3.74	5.32	1.87	BV3BV*R-1001BCC	637.05
1 1/4"	5.75	3.20	4.39	5.32	2.20	BV3BV*R-1251BCC	768.85
1 1/2"	6.24	3.20	4.86	5.32	2.43	BV3BV*R-1501BCC	1016.15
2"	7.55	3.74	5.73	5.51	2.87	BV3BV*R-2001BCC	1434.15
2 1/2"	8.00	3.74	6.93	5.51	3.47	BV3BV*R-2501BCC	2295.90
3"	8.00	3.74	7.08	5.51	3.54	BV3BV*R-3001BCC	2241.95



A wide variety of switches, solenoids, positioners, etc., are available. Contact Dixon Sanitary at 800.789.1718 or visit dixonvalve.com for details.



Caution !

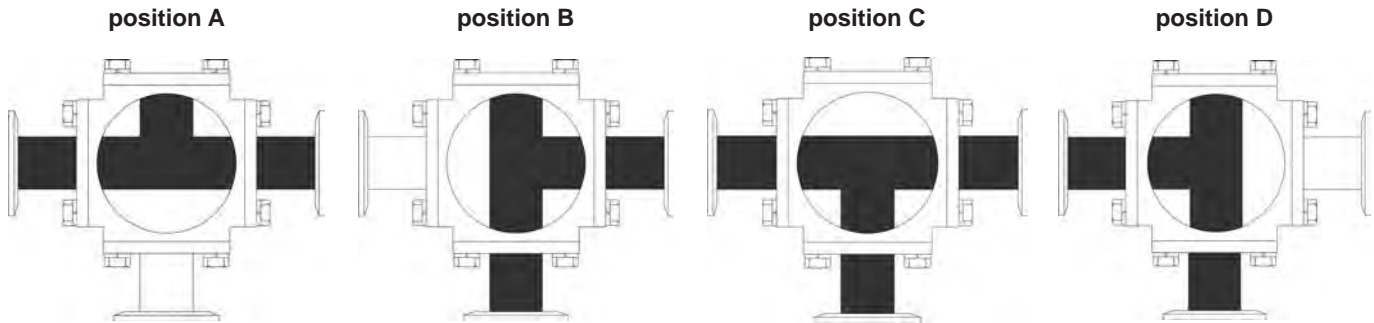


Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.
 For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.

3-Way Ball Valve Flow Options

'T' Pattern, Side Entry

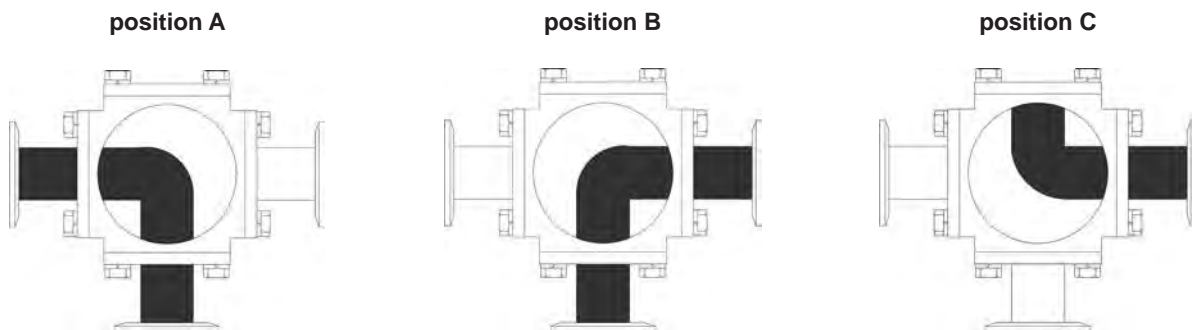
Top view



Number	Rotation	Flow Plan Options
1	90°	A, B
2	90°	B, C
3	90°	C, D
4 (Default)	90°	A, D

'L' Pattern, Side Entry

Top view



Number	Rotation	Flow Plan Options
1 (Default)	90°	A, B
2	180°	A, B, C

Q

- A flow path needs to be selected at time of order. If no flow path is selected, the option number labeled as default will be shipped.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.
- For spring return actuators; must not fail position.
- Please call Dixon Sanitary at 800.789.1718 for further information.

Actuation

All Dixon Sanitary actuators, accessories and mounting hardware can be sold separately, call Dixon Sanitary at 800.789.1718 for details.

- Dixon Sanitary can actuate all of our butterfly and ball valves with actuators.
- Dixon Sanitary ships all actuated valves from the Valve Automation department in Wisconsin.
- Our actuators are tested to one million cycles and are backed with a one year manufacturer's warranty.
- Our professionally trained specialists assemble and test each automation package to guarantee performance in the field.
- Documentation is filed on each automated valve package in case it is needed at any point in the future.
- Each unit is individually foam packed to ensure they arrive in top condition.
- Most standard orders can be shipped within 24 hours.



Rack and pinion Actuators

- 90° and 180° rotation
- spring return and double acting
- bi-directional travel stops
- available in stainless steel, aluminum and technopolymer materials

Pneumatic Stainless Steel Canister Actuators

- vertical with or without control top
- vertical - spring return and double acting
- horizontal - double acting



Electric Actuators

- variety of voltages
- manual overrides
- feedback and modulation available

Actuated Valve Accessories

Limit Switches

**Features:**

- visual position indicator
- 3D open/close indication
- quick-set cam
- mechanical SPDT switches (standard)
- multipoint terminal strip
- various switch options available
- cable entry: (2) 1/2" NPT

Enclosures available:**NEMA 4 4/X**

- water and dust tight for indoor or outdoor use
- corrosion resistant

NEMA 7

- water and dust tight for indoor or outdoor use
- corrosion resistant
- for use in indoor hazardous locations
- explosion proof

Enclosure	Part #	Price/E
NEMA 4/4X	XLS-B4A0120P	\$295.75
NEMA 7	XLS-C7A0120P	616.40

Solenoids

**Features:**

- pressure range: 30 PSI to 150 PSI
- duty cycle: 100% extended duty
- voltages available:
 - 12VDC, 24VDC, 24VAC, 48VAC, 110VAC, 220VAC
- electroless nickel plated spool
- easy-to-use manual override
- port sizes: inlet and exhaust 1/4" NPT
- NEMA 4 4/X Enclosure
 - water and dust tight for indoor or outdoor use
 - corrosion resistant

Description	Voltage	Part #	Price/E
single coil	115VAC	XSO-4S4D-0A	\$191.05
single coil	24VDC	XSO-4S4B-0A	191.05
dual coil	115VAC	XSO-4D4D-0A	306.10
dual coil	24VDC	XSO-4D4B-0A	306.10

Positioners

**Features:**

- air capacity:
 - at 29 PSI (200kPa): 9.5 SCFM
 - at 87 PSI (600kPa): 28.3 SCFM
 - at 145 PSI (1MPa): 47.1 SCFM
- air connections: 1/4" NPT
- gauges: 1/8" NPT
- cable entry: 1/2" NPT
- Electro-Pneumatic
 - input range: 4-20mA (Ri<250ohms)
 - supply pressure: 21.8 to 145 PSI (0.15 to 1MPa)
 - linearity error: <1.0% f.s
 - hysteresis: <0.6% f.s
 - repeatability: <0.5% f.s

Pneumatic

- input range: 3 to 15 PSI (20-100kPa)
- supply pressure: < 145 PSI (<1MPa)
- linearity error: <0.7% f.s
- hysteresis: <0.4% f.s
- repeatability: <0.3% f.s

Positioner Type	Part #	Price/E
Electro-Pneumatic	XPO-E4F	\$2343.40
Pneumatic	XPO-P4F	1094.00

Q

Speed Control Mufflers

Features:

- maximum operating pressure: **300 PSI**
- temperature range: **35°F to 300°F**



aluminum



brass

NPT Thread	Approximate Full Oper. Height	Maximum Adjusted SCFM	2011T3 Aluminum ¹		Brass	
			Part #	Price/E	Part #	Price/E
1/8"	1-5/16"	20	ASCM18	\$8.00	SCM18	\$6.55
1/4"	1-9/16"	30	---	---	SCM28	7.55
3/8"	1-5/8"	40	ASCM38	12.10	SCM38	10.90
1/2"	2"	60	ASCM48	16.50	SCM48	16.90
3/4"	2-3/8"	70	ASCM68	28.95	SCM68	22.50
1"	2-1/2"	100	---	---	SCM88	41.00

¹ stock quantity only

Pneumatically Actuated Wafer **Butterfly Valves**

Valves

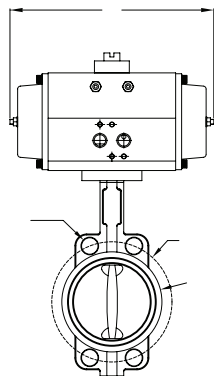
Features:

- installs between standard ANSI Class 150# flanges
- cast iron body with extended neck
- nickel plated ductile iron seat
- seat backing ring ensures blowout proof service
- conforms to MSS-SP-67, MSS-SP-25, API-609
- no taper pins
- field repairable (seat kits available)
- replaceable EPDM seat
- maximum operating pressure: **200 PSI** (bi-directional)
- temperature range: **-20°F to 250°F**
- a wide variety of seat, undercut disc and body materials are available

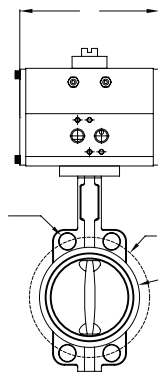
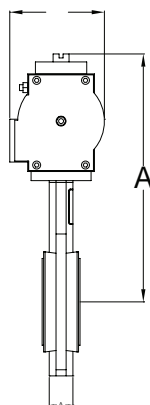
Rack and Pinion Actuator

Features:

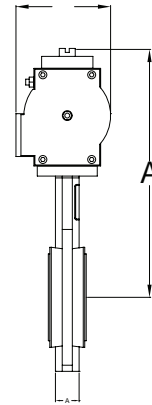
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to +200°F**
- hard anodized aluminum body
- Namur mounting
- nickel plated anti-blowout pinion
- Buna-N O-rings
- visual position indication
- tested to 1 million cycles



Spring Return



Double Acting



All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Wafer Spring Return

Size	A	B	C	D1	D2	n-H	Part #	Price/E
1½"	9.61	8.09	3.74	3.88	3.74	4-18	B5121E150WW-BBC	\$694.60
2"	9.80	8.09	3.74	4.75	3.82	4-18	B5121E200WW-BBC	697.05
2½"	11.65	9.84	4.69	5.50	4.45	4-18	B5121E250WW-BBC	909.55
3"	11.89	9.84	4.69	6.00	4.92	4-18	B5121E300WW-BBC	930.15
4"	12.63	9.84	4.69	7.50	6.14	4-22	B5121E400WW-BBC	988.20
5"	13.94	13.98	5.53	8.50	7.36	4-22	B5121E500WW-BBC	1354.80
6"	14.45	13.98	5.53	9.50	8.46	4-22	B5121E600WW-BBC	1411.15
8"	17.17	16.60	7.29	11.75	10.51	4-22	B5121E800WW-BBC	2654.20
10"	19.21	19.17	8.06	14.25	13.00	4-26	B5121E1000WWBCC	3396.60
12"	22.87	25.28	9.37	17.00	14.96	4-26	B5121E1200WWBCC	8413.35

Wafer Double Acting

Size	A	B	C	D1	D2	n-H	Part #	Price/E
1½"	9.61	5.87	3.74	3.88	3.74	4-18	B5121E150WW-BCC	\$568.75
2"	9.80	5.87	3.74	4.75	3.82	4-18	B5121E200WW-BCC	571.15
2½"	10.75	5.87	3.74	5.50	4.45	4-18	B5121E250WW-BCC	589.15
3"	10.99	5.87	3.74	6.00	4.92	4-18	B5121E300WW-BCC	609.75
4"	11.73	5.87	3.74	7.50	6.14	4-22	B5121E400WW-BCC	695.40
5"	13.15	7.20	4.69	8.50	7.36	4-22	B5121E500WW-BCC	923.45
6"	13.66	7.20	4.69	9.50	8.46	4-22	B5121E600WW-BCC	979.80
8"	15.79	10.22	5.53	11.75	10.51	4-22	B5121E800WW-BCC	1478.55
10"	17.05	10.22	5.53	14.25	13.00	4-26	B5121E1000WWBCC	1527.85
12"	20.20	11.98	7.29	17.00	14.96	4-26	B5121E1200WWBCC	2597.30

Pneumatically Actuated Lug **Butterfly Valves** Valves

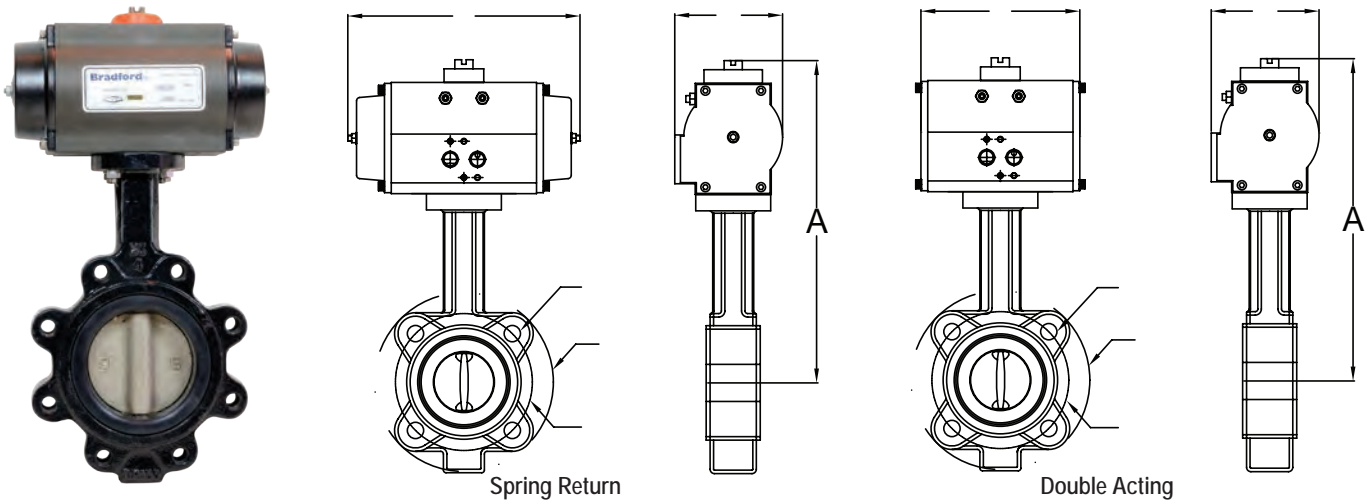
Features:

- cast iron body with extended neck
- nickel plated ductile iron disc
- seat backing ring ensures blowout proof service
- installs between standard ANSI Class 150# flanges
- conforms to MSS-SP-67, MSS-SP-25, API-609
- no taper pins
- field repairable (seat kits available)
- replaceable EPDM seat
- maximum operating pressure: **200 PSI** (bi-directional)
- temperature range: **-20°F to 250°F**
- a wide variety of seat, undercut, disc and body materials are available

Rack and Pinion Actuator

Features:

- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to +200°F**
- hard anodized aluminum body
- Namur mounting
- nickel plated anti-blowout pinion
- Buna-N O-rings
- visual position indication
- tested to 1 million cycles
- a wide variety of switches, solenoids, positioners, etc., are available, contact Dixon for details



All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Lug Spring Return

Size	A	B	C	D1	D2	n-H	Part #	Price/E
2"	9.80	8.09	3.74	.75	5.95	4-5/8-11 UNC	B5121E200LL-BBC	\$717.20
2½"	11.65	9.84	4.69	5.50	6.97	4-5/8-11 UNC	B5121E250LL-BBC	951.15
3"	11.89	9.84	4.69	6.00	7.56	4-5/8-11 UNC	B5121E300LL-BBC	979.50
4"	12.63	9.84	4.69	7.50	8.35	8-5/8-11 UNC	B5121E400LL-BBC	1066.15
5"	13.94	13.98	5.53	8.50	9.53	8-5/8-11 UNC	B5121E500LL-BBC	1455.45
6"	14.45	13.98	5.53	9.50	11.02	8-5/8-11 UNC	B5121E600LL-BBC	1520.15
8"	17.17	16.60	7.29	11.75	13.19	8-5/8-11 UNC	B5121E800LL-BBC	2780.35
10"	19.21	19.17	8.06	14.25	15.94	12-7/8-9 UNC	B5121E1000LLBBC	3855.00
12"	22.87	25.28	9.37	17.00	19.09	12-7/8-9 UNC	B5121E1200LLBBC	6319.00

Lug Double Acting

Size	A	B	C	D1	D2	n-H	Part #	Price/E
2"	9.80	5.87	3.74	4.75	5.95	4-5/8-11 UNC	B5121E200LL-BCC	\$591.30
2½"	10.75	5.87	3.74	5.50	6.97	4-5/8-11 UNC	B5121E250LL-BCC	630.75
3"	10.99	5.87	3.74	6.00	7.56	4-5/8-11 UNC	B5121E300LL-BCC	659.10
4"	11.73	5.87	3.74	7.50	8.35	8-5/8-11 UNC	B5121E400LL-BCC	773.30
5"	13.15	7.20	4.69	8.50	9.53	8-5/8-11 UNC	B5121E500LL-BCC	1024.10
6"	13.66	7.20	4.69	9.50	11.02	8-5/8-11 UNC	B5121E600LL-BCC	1088.80
8"	15.79	10.22	5.53	11.75	13.19	8-5/8-11 UNC	B5121E800LL-BCC	1604.70
10"	17.05	10.22	5.53	14.25	15.94	12-7/8-9 UNC	B5121E1000LLBCC	1998.50
12"	20.20	11.98	7.29	17.00	19.09	12-7/8-9 UNC	B5121E1200LLBCC	3159.60

Ductile Iron **Butterfly Valves**



NOT RECOMMENDED FOR STEAM SERVICE

- for use between two 150 lb. flanges
- will lock "open" or "closed"
- pressure rating: **200 PSI** at ambient temperature (70°F)

Features:

- ductile iron body, ASTM A536
- aluminum bronze disc, ASTM B148, ALY.954
- Buna-N seal and stem seals
- PTFE bushing
- stainless steel top and bottom stems

threaded lug style with aluminum bronze disc

Size	with Buna-N liner		with EPDM liner	
	Part #	Price/E	Part #	Price/E
2"	BFVL200	\$145.00	BFVL200E	\$145.00
3"	BFVL300	181.25	BFVL300E	181.25
4"	BFVL400	270.00	BFVL400E	270.00
6"	BFVL600	475.00	BFVL600E	475.00



Features:

- ductile iron body, ASTM A536
- aluminum bronze disc, ASTM B148, ALY.954
- Buna-N seal and stem seals
- PTFE bushing
- stainless steel top and bottom stems

wafer style with aluminum bronze disc

Size	with Buna-N liner		with EPDM liner	
	Part #	Price/E	Part #	Price/E
2"	BBFVW200	\$133.00	BBFVW200E	\$133.00
3"	BBFVW300	170.00	BBFVW300E	170.00
4"	BBFVW400	240.00	BBFVW400E	240.00
6"	BBFVW600	420.00	BBFVW600E	420.00



Features:

- ductile iron body, ASTM A536
- stainless steel disc, ASTM A351, GR. CF-8M
- Buna-N seal and stem seals
- PTFE bushing
- stainless steel top and bottom stems

wafer style with stainless disc

Size	with Buna-N liner	
	Part #	Price/E
2"	BFVW200	\$150.00
3"	BFVW300	185.00
4"	BFVW400	250.00
6"	BFVW600	527.85



Features:

- ductile iron body, ASTM A536
- nickel plated ductile iron disc
- Buna-N seal and stem seals
- PTFE bushing
- 416 stainless stem

wafer style with nickel plated ductile iron disc

Size	with Buna-N liner	
	Part #	Price/E
3"	IBFVW300	\$87.00
4"	IBFVW400	115.00
6"	IBFVW600	177.00
8"	IBFVW800	286.00



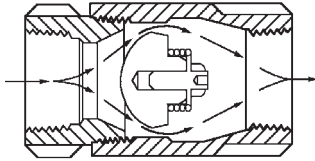
Domestic Ball Cone Check Valves

Application:

- For use with water, oil, air lines or inert gases. Not recommended for use on or near reciprocating pumps or other similar vibration causing machinery.

Features:

- tight shut-off with liquid media
- no radial alignment necessary
- straight through and streamlined for minimum change in velocity
- Reinforced TFE check is spring loaded for fast seating action.
- pressure rating: **400 PSI** WOG, cold non-shock; **125 PSI** saturated steam
- cracking pressure: .5 PSI
- temperature range: **-20°F to 353°F**



Pressure Ratings

Temperature	Pressure WOG (PSI)
-20°F to 100°F	400
200°F	200
250°F	160
275°F	150
300°F	140
325°F	130
353°F	125

female NPT x female NPT



Size	Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1/4"	61-101	\$62.00	62-101	\$133.00
3/8"	61-102	62.00	62-102	133.00
1/2"	61-103	62.00	62-103	156.90
3/4"	61-104	88.00	62-104	251.60
1"	61-105	119.00	62-105	342.50
1 1/4"	61-106	210.00	62-106	479.50
1 1/2"	61-107	268.00	62-107	650.00
2"	61-108	440.00	62-108	1120.00
2 1/2"	61-109	890.00	---	---
3"	61-100	1488.00	---	---

male NPT x female NPT



Size	Brass	
	Part #	Price/E
1/4"	61-201	\$82.00
3/8"	61-202	82.00
1/2"	61-203	82.00
3/4"	61-204	107.00
1"	61-205	155.00
1 1/4"	61-206	262.00
1 1/2"	61-207	330.00
2"	61-208	550.00

Check Valves

Features:

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: **1975 PSI**
- maximum temperature: **800°F**
- can be used for steam service

Female NPT	Part #	Price/E
	<i>Forged Steel</i>	
1/2"	FSCV50	\$128.40
3/4"	FSCV75	144.45
1"	FSCV100	202.60
1 1/4"	FSCV125	353.05
1 1/2"	FSCV150	375.10
2"	FSCV200	451.35

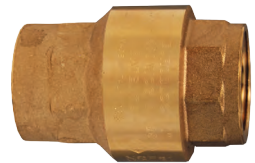


Spring-Loaded Check Valves

Features:

- cracking pressure: 0.50 PSI
- NBR seat
- soft seat for bubble tight shutoff, spring loaded for fast seating action
- flow profile designed to minimize head loss
- pressure rating :1/2" - 2" **400 PSI WOG**; 3" - 4" **175 PSI WOG**
- temperature range: **10°F to 210°F** (-10°C to 100°C)

Female NPT	Part #	Price/E
	<i>Brass</i>	
1/2"	CV050	\$18.60
3/4"	CV075	25.00
1"	CV100	34.00
1 1/4"	CV125	53.00
1 1/2"	CV150	79.30
2"	CV200	112.75
3"	CV300	355.90
4"	CV400	550.00

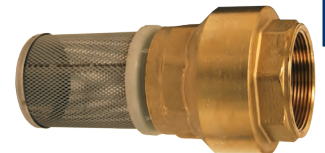


Strainer with Spring-Loaded Check Valves

Features:

- cracking pressure: 0.50 PSI
- NBR seat
- stainless steel strainer
- soft seat for bubble tight shutoff, spring loaded for fast seating action
- flow profile designed to minimize head loss
- pressure rating: 1 1/2" - 2" **400 PSI WOG**; 3" - 4" **175 PSI WOG**
- temperature range: **10°F to 210°F** (-10°C to 100°C)

Female NPT	Part #	Price/E
	<i>Brass</i>	
1 1/2"	BVFS20	\$89.60
2"	BVFS25	129.00
3"	BVFS35	379.50
4"	BVFS40	572.50



Q

Horizontal Swing Check Valves

Application:

- Swing check valves are designed to prevent back flow in plumbing and liquid piping systems, while offering full flow performance with a minimum of turbulence or pressure loss.

Features:

- brass disc
- for horizontal or vertical use
- A positive seating disc allows flow only in one direction and a screw-in cap provides easy access for periodic cleaning.
- pressure rating: **200 PSI** WOG
- temperature range: **-20° to 150°F**



female NPT x female NPT

Size	Brass	
	Part #	Price/E
1/2"	SWCV50	\$19.90
3/4"	SWCV75	26.10
1"	SWCV100	35.55
1 1/4"	SWCV125	56.50
1 1/2"	SWCV150	71.10
2"	SWCV200	110.80
3"	SWCV300	309.80
NEW 4"	SWCV400	440.00

Domestic Swing Check Valves

Features:

- Class 150
- ASME B1.20.1
- metal seat
- 100% factory tested
- working pressure: **300 PSI** cold, **150 PSI** steam
- temperature range: **-20°F to 406°F**



Female NPT	Brass	
	Part #	Price/E
1/2"	DSCV50	\$146.10
3/4"	DSCV75	177.45
1"	DSCV100	238.60
1 1/4"	DSCV125	316.10
1 1/2"	DSCV150	410.05
2"	DSCV200	612.90

Cast Iron Y Line Strainers

Features:

- cast iron body
- graphite gasket
- working pressure: **400 PSI** WOG, **250 PSI** steam
- plug ported for blowdown service
- no replacement screens available

products used with the strainer:

- MNPT threaded close nipples, page 730
- brass ball valves, page 668
- MNPT threaded plugs, page 724



Female NPT	Description	Cast Iron	
		Part #	Price/E
1/4"	20 x 20 mesh	Y001	\$28.30
3/8"	20 x 20 mesh	Y002	28.30
1/2"	20 x 20 mesh	Y003	33.95
3/4"	20 x 20 mesh	Y004	41.50
1"	20 x 20 mesh	Y005	51.85
1 1/4"	20 x 20 mesh	Y006	73.45
1 1/2"	20 x 20 mesh	Y007	90.45
2"	20 x 20 mesh	Y008	135.65

Bronze Y Line Strainers

Features:

- cast bronze body, female x female NPT ends
- working pressure: **400 PSI WOG, 300 PSI steam**

Female NPT	Description	Bronze		304 Stainless Replacement Screens	
		Part #	Price/E	Part #	Price/E
1/4"	50 x 50 mesh	59-001	\$49.90	G3271-00	\$6.15
3/8"	50 x 50 mesh	59-002	49.90	G2457-00	6.65
1/2"	50 x 50 mesh	59-003	49.90	G2457-00	6.65
3/4"	20 x 20 mesh	59-004	94.70	G3224-00	6.00
1"	20 x 20 mesh	59-005	125.25	G3225-00	13.20
1 1/4"	20 x 20 mesh	59-006	225.60	G3231-00	18.45
1 1/2"	20 x 20 mesh	59-007	250.25	G3229-00	19.90
2"	20 x 20 mesh	59-008	410.25	G3230-00	15.40



Polypropylene Y Line Strainers

Features:

- protects and prevents clogging of pipelines, pumps and spray tips
- glass-filled polypropylene body, female x female NPT ends
- easy access for cleaning
- maximum operating pressure: **90 PSI at 70°F**

Female NPT	Description	Polypropylene		304 Stainless Replacement Screen	
		Part #	Price/E	Part #	Price/E
3/4"	40 mesh	PYLS7540	\$35.50	61450	\$16.10
1"	40 mesh	PYLS10040	44.25	61746	17.10
1 1/2"	40/20 mesh	PYLS15040	97.00	61509	40.40
2"	40/20 mesh	PYLS20040	97.00	61509	40.40



Polypropylene T Line Strainers

Features:

- white polypropylene allows easy inspection
- female x female NPT ends
- 40 mesh stainless steel screen
- maximum operating pressure: **100 PSI at 70°F**

Female NPT	Description	Polypropylene		304 Stainless Replacement Screen	
		Part #	Price/E	Part #	Price/E
3/4"	40 mesh	PTLS7540	\$26.25	61405	\$10.50
1"	40 mesh	PTLS10040	26.25	61405	10.50



Hammer Unions

Features:

- Socket weld configurations and other materials are available, contact the factory for further information.
- Hammer unions work at extremely high pressures. Mismatching components of one series with another (i.e. series 602 with series 1502) can lead to destruction of property, serious bodily injury or death.
- temperature range: **-25°F to 200°F**
- non-shocking cold water pressure means that the rated value is the maximum operating pressure at ambient temperature:
 - no spikes higher than this pressure
 - no instantaneous pressure increases (0-2000 PSIG in ¼ of a second)
 - ambient temperature: 70°F



Features:

100 Series

- used on low pressure manifolds and lines and in applications running air, water, oil or gas up to **1,000 PSI NSCWP** (non-shock cold working pressure)
- yellow sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
2"	threaded	1000	HU100200	\$51.90
2"	buttweld	1000	HU100200BW ¹	82.35
2½"	threaded	1000	HU100250	150.00
3"	threaded	1000	HU100300	139.05
4"	threaded	1000	HU100400	209.45
4"	buttweld	1000	HU100400BW ¹	269.20
6"	threaded	1000	HU100600	722.40
8"	threaded	1000	HU100800	981.65

¹ buttweld ends are schedule 80

200 Series

Features:

- used in general service applications running air, water, oil or gas up to **2,000 PSI NSCWP** (non-shock cold working pressure)
- grey sub, blue nut



Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	2000	HU200100	\$35.35
1½"	threaded	2000	HU200150	116.15
2"	threaded	2000	HU200200	51.90
2"	buttweld	2000	HU200200BW ¹	87.10
2½"	threaded	2000	HU200250	229.60
3"	threaded	2000	HU200300	213.75
4"	threaded	2000	HU200400	271.80
6"	threaded	2000	HU200600	981.65
8"	threaded	2000	HU200800 NEW	1150.00

¹ buttweld ends are schedule 80

206 Series

Features:

- runs air, water, oil or gas up to **2,000 PSI NSCWP** (non-shock cold working pressure)
- O-ring mounted sub provides excellent sealing properties
- grey sub, blue nut



Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	2000	HU206100	\$38.00
1½"	threaded	2000	HU206150	101.10
2"	threaded	2000	HU206200	59.00
2½"	threaded	2000	HU206250	224.80
3"	threaded	2000	HU206300	224.30
4"	threaded	2000	HU206400	250.00
6"	threaded	2000	HU206600	1066.10
8"	threaded	2000	HU206800	1600.00

R

Hammer Unions 400 Series

2014
NEW

Features:

- used on manifold and line connections, pump, suction and mud service
- up to **4,000 PSI NSCWP** (non-shock cold working pressure)
- red sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
2"	threaded	4000	HU400200	\$148.00
3"	threaded	4000	HU400300	305.25
4"	threaded	4000	HU400400	387.45



602 Series

Features:

- for use in mud, manifold service and truck mounting applications running air, water, oil, gas or mud up to **6,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- orange sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	6000	HU602100	\$116.00
2"	threaded	6000	HU602200	269.20
2"	butt weld	6000	HU602200BW NEW	234.85
3"	threaded	6000	HU602300	375.00
3"	butt weld	6000	HU602300BW NEW	446.15
4"	threaded	6000	HU602400	550.00
4"	butt weld	6000	HU602400BW NEW	704.50



1002 Series

Features:

- for use in high pressure systems and truck mounting applications running air, water, oil, gas or mud up to **10,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- blue sub, red nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
1"	threaded	10000	HU1002100	\$223.15
2"	threaded	10000	HU1002200	293.40
2"	butt weld	10000	HU1002200BW NEW	270.00
3"	threaded	10000	HU1002300	450.00
3"	butt weld	10000	HU1002300BW NEW	610.55
4"	threaded	10000	HU1002400	758.20
4"	butt weld	10000	HU1002400BW NEW	751.45



1502 Series

Features:

- for use in extreme high pressure applications running air, water, oil, gas or mud up to **15,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- red sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel	
			Part #	Price/E
2"	threaded	15000	HU1502200	\$303.85
2"	butt weld	15000	HU1502200BW NEW	352.25
3"	threaded	15000	HU1502300	670.00
3"	butt weld	15000	HU1502300BW NEW	730.30
4"	threaded	15000	HU1502400	1060.50
4"	butt weld	15000	HU1502400BW NEW	1268.05



R

Straub Grip-L Axial Restraint Pipe Couplings

Application:

- Straub Grip-L couplings are particularly suitable for pipes within the lower pressure range. Applications include, but are not limited to: ship building, water and waste water treatment plants and industrial process pipe work.

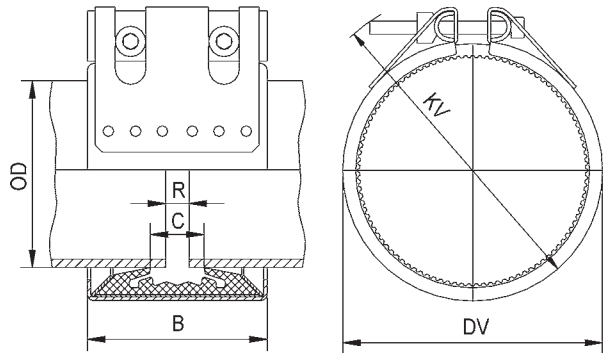
Features:

- Joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- Requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening.
- highest quality 316 Ti stainless steel construction
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- absorbs vibration, water hammer and sound
- special patented grip ring for superior holding power on hard-surfaced pipes
- 5 year limited warranty
- reusable
- built to ASTM 1476, Type 2, Class 2 specifications

- casing: AISI 316Ti
- screws: AISI 316 L
- bolts: AISI 316 Ti
- anchoring ring: AISI 301
- sealing sleeve: EPDM standard (NBR and FKM are also available, contact Dixon for additional information)
- EPDM sealing sleeve: temperature range - 4°F to 176°F (-20°F to 212°F)

Specifications:

- American Bureau of Shipping (ABS) up to 232 PSI on ¾" - 5"; 188 PSI on 6"; 145 PSI on 8"
- Underwriter's Laboratories (UL)
- National Sanitation Foundation (NSF)



Size	Pipe OD		Working Pressure PSI	Coupling Dimensions		Assembled Dimensions		Maximum Distance Between Pipe End R	Stainless Steel	
	actual	range min to max		B	C	DV	KV		Part #	Price/E
¾"	1.05"	1.04" to 1.08"	670	1.8"	0.7"	1.7"	2.8"	0.2"	STR20000	\$169.30
1"	1.31"	1.31" to 1.35"	550	1.8"	0.7"	2"	3"	0.2"	STR20100	179.30
1½"	1.90"	1.88" to 1.92"	440	2.4"	1.0"	2.6"	3.9"	0.2"	STR20300	221.95
2"	2.37"	2.35" to 2.40"	320	3.0"	1.5"	3.1"	4.3"	0.4"	STR20450	259.90
2½"	2.87"	2.85" to 2.90"	450	3.7"	1.6"	3.9"	5.3"	0.4"	STR20500	331.35
3"	3.50"	3.46" to 3.54"	320	3.7"	1.6"	4.4"	5.9"	0.4"	STR20650	365.00
4"	4.50"	4.46" to 4.54"	232	3.7"	1.6"	5.4"	6.7"	0.4"	STR20900	403.65
5"	5.50"	5.51" to 5.62"	232	4.3"	2.1"	6.5"	8.3"	0.4"	STR21150	598.10
6"	6.63"	6.56" to 6.69"	232	4.3"	2.1"	7.6"	9.1"	0.4"	STR21350	650.45
8"	8.63"	8.54" to 8.71"	232	5.6"	3.1"	9.8"	11.6"	0.4"	STR21400	1136.50

- ¾" - 2" couplings have only one bolt

All Straub couplings require the correct use of a torque wrench for a safe and proper installation. Straub couplings must be torqued to the specified value as printed on each individual coupling. Failure to do so can result in serious injury or death.
Not for steam or refrigerant service.



R

Straub Open-Flex 1L Couplings

Applications:

- Straub Open-Flex 1L couplings are suitable for repairing or joining pipes where access to the pipe end is difficult or impossible. This unique wrap-around design differs from similar type repair products because the installation or repair is permanent due to the unique flexible lip seal gasket design. Open-Flex couplings will also act as an expansion joint. *Straub Open-Flex couplings do require the pipes to be properly anchored and restrained as they are not pull-out resistant like the Straub Grip-L couplings.* Use Straub Open-Flex couplings to replace bolted sleeve type couplings (AWWA Std. C-219) or for permanent repairs or installation.

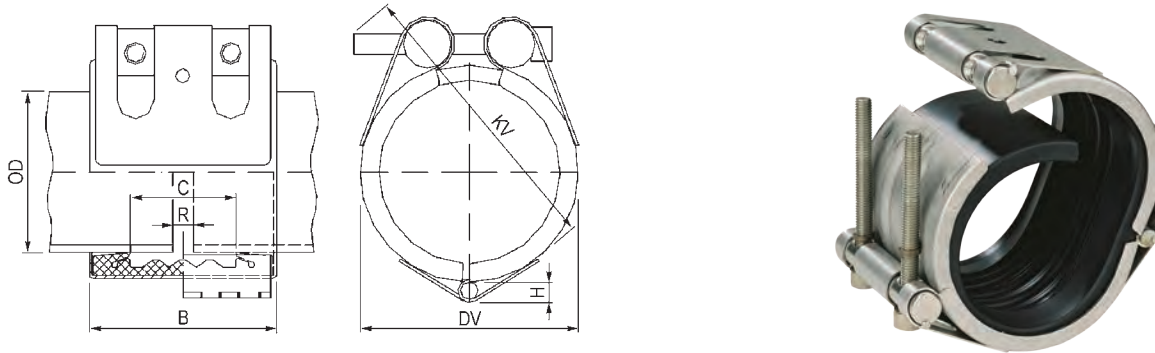
Features:

- Joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- Requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening.
- highest quality 316 Ti stainless steel construction
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- absorbs vibration, water hammer, and sound
- acts as an expansion joint; will accept up to .25" of axial movement
- 5 year limited warranty
- reusable

- conforms to ASTM 1476, Type 2, Class 3 specifications
- casing: AISI 316Ti
- screws: AISI 4135 steel
- bolts: AISI 12L 14 Galvanized
- EPDM sealing sleeve: temperature range - 4°F to 176°F (-20°F to 212°F)

Specifications:

- American Bureau of Shipping (ABS) up to 232 PSI
- Underwriter's Laboratories (UL)
- National Sanitation Foundation (NSF)



Size	Pipe OD		Working Pressure PSI	Coupling Dimensions			Assembled Dimensions		Max. Distance Between Pipe End R	Weight (lbs.)	Stainless Steel	
	actual	range min to max		B	C	H	DV	KV			Part #	Price/E
1½"	1.90"	1.85" to 1.95"	363	3.0"	1.4"	.28	2.8"	3.3"	.20"	1.10	STR35001	\$268.95
2"	2.38"	2.32" to 2.42"	232	3.0"	1.4"	.28	3.2"	3.7"	.20"	1.34	STR35151	284.95
2½"	2.88"	2.81" to 2.93"	232	3.0"	1.4"	.36	3.2"	3.7"	.20"	1.80	STR35201	310.00
3"	3.50"	3.44" to 3.56"	232	3.7"	2.0"	.36	4.4"	4.9"	.20"	2.10	STR35351	324.95
4"	4.50"	4.43" to 4.57"	232	3.7"	2.0"	.36	5.4"	5.9"	.20"	2.33	STR35651	343.65
5"	5.56"	5.49" to 5.57"	232	4.2"	2.4"	.38	6.4"	7.1"	.20"	3.20	STR35901	433.80
6"	6.63"	6.54" to 6.71"	232	4.2"	2.4"	.38	7.5"	8.1"	.20"	3.70	STR36051	464.80

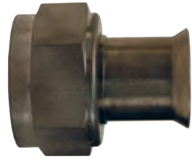
Not pull-out resistant.
Ensure that pipes are properly anchored and supported.

Assembly tool: **STR6648**, \$348.55

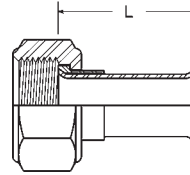


Female Weld End Metal Hose Fittings

All fittings have 316 seamless stainless steel tubes



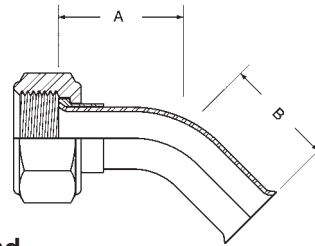
Straight



SAE 37° Female JIC x Weld End

Female SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F	Dimensions		Gauge	304 Stainless Steel Nut & Sleeve		Carbon Steel Nut & Sleeve	
			Dimension L			Part #	Price/E	Part #	Price/E
7/16" - 20	1/4"	5000	1.500"		.049"	<i>SFMF250</i>	\$28.40	<i>FMF250</i>	\$17.30
9/16" - 18	3/8"	4500	1.500"		.049"	<i>SFMF375</i>	32.00	<i>FMF375</i>	21.20
3/4" - 16	1/2"	4000	1.500"		.049"	<i>SFMF500</i>	52.55	<i>FMF500</i>	28.65
1-1/16" - 12	3/4"	2600	1.500"		.049"	<i>SFMF750</i>	90.40	<i>FMF750</i>	42.10
1-5/16" - 12	1"	2500	2.000"		.049"	<i>SFMF1000</i>	141.30	<i>FMF1000</i>	63.45
1-5/8" - 12	1 1/4"	2050	2.375"		.065"	<i>SFMF1250</i>	240.15	<i>FMF1250</i>	126.05
1-7/8" - 12	1 1/2"	1700	2.375"		.065"	<i>SFMF1500</i>	407.30	<i>FMF1500</i>	174.95
2-1/2" - 12	2"	1250	2.500"		.065"	<i>SFMF2000</i>	790.55	<i>FMF2000</i>	325.05

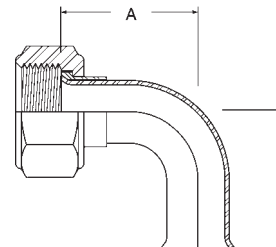
45° Elbow



SAE 37° Female JIC x Weld End

Female SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F	Dimensions		Bend Radius	Gauge	304 Stainless Steel Nut & Sleeve		Carbon Steel Nut & Sleeve	
			A	B			Part #	Price/E	Part #	Price/E
7/16" - 20	1/4"	5000	0.750"	0.750"	0.380"	.049"	<i>SFMF250-45</i>	\$24.55	<i>FMF250-45</i>	\$28.70
9/16" - 18	3/8"	4500	1.000"	1.000"	0.500"	.049"	<i>SFMF375-45</i>	35.65	<i>FMF375-45</i>	38.25
3/4" - 16	1/2"	4000	1.250"	1.250"	1.000"	.049"	<i>SFMF500-45</i>	71.20	<i>FMF500-45</i>	69.20
1-1/16" - 12	3/4"	2600	1.450"	1.450"	1.500"	.049"	<i>SFMF750-45</i>	100.75	<i>FMF750-45</i>	71.50
1-5/16" - 12	1"	2500	1.800"	1.800"	2.000"	.049"	<i>SFMF1000-45</i>	166.00	<i>FMF1000-45</i>	107.25
1-5/8" - 12	1 1/4"	2050	2.100"	2.100"	2.000"	.065"	<i>SFMF1250-45</i>	278.80	<i>FMF1250-45</i>	200.15
1-7/8" - 12	1 1/2"	1700	2.300"	2.300"	2.000"	.065"	<i>SFMF1500-45</i>	506.20	<i>FMF1500-45</i>	293.80
2-1/2" - 12	2"	1250	3.000"	3.000"	3.000"	.065"	<i>SFMF2000-45</i>	660.15	<i>FMF2000-45</i>	609.75

90° Elbow



SAE 37° Female JIC x Weld End

Female SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F	Dimensions		Bend Radius	Gauge	304 Stainless Steel Nut & Sleeve		Carbon Steel Nut & Sleeve	
			A	B			Part #	Price/E	Part #	Price/E
7/16" - 20	1/4"	5000	1.000"	1.000"	0.375"	.049"	<i>SFMF250-90</i>	\$32.30	<i>FMF250-90</i>	\$33.70
9/16" - 18	3/8"	4500	1.250"	1.250"	0.500"	.049"	<i>SFMF375-90</i>	36.50	<i>FMF375-90</i>	40.60
3/4" - 16	1/2"	4000	1.830"	1.830"	1.000"	.049"	<i>SFMF500-90</i>	73.80	<i>FMF500-90</i>	58.95
1-1/16" - 12	3/4"	2600	2.350"	2.350"	1.500"	.049"	<i>SFMF750-90</i>	108.45	<i>FMF750-90</i>	95.40
1-5/16" - 12	1"	2500	3.100"	3.100"	2.000"	.049"	<i>SFMF1000-90</i>	173.05	<i>FMF1000-90</i>	127.95
1-5/8" - 12	1 1/4"	2050	3.500"	3.500"	2.000"	.065"	<i>SFMF1250-90</i>	308.85	<i>FMF1250-90</i>	205.25
1-7/8" - 12	1 1/2"	1700	3.750"	3.750"	2.000"	.065"	<i>SFMF1500-90</i>	432.20	<i>FMF1500-90</i>	261.10
2-1/2" - 12	2"	1250	4.900"	4.900"	2.000"	.065"	<i>SFMF2000-90</i>	866.80	<i>FMF2000-90</i>	631.10

R

NPT Threaded Pipe Fittings

Size	Overall Length	Carbon Steel		304 Stainless Steel		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	2"	PN250	\$4.95	PNS250	\$7.80	---	---
3/8"	2"	PN375	5.50	PNS375	9.95	---	---
1/2"	2"	PN500	4.90	PNS500	11.20	---	---
3/4"	2"	PN750	3.50	PNS750	13.90	---	---
1"	2"	PN1000	5.05	PNS1000	16.70	---	---
1 1/4"	2"	PN1250	7.15	PNS1250	20.85	---	---
1 1/2"	2"	PN1500	6.15	PNS1500	23.70	---	---
2"	2"	PN2000	7.15	PNS2000	33.65	---	---
2 1/2"	3"	PN2500	24.25	PNS2500	78.25	---	---
3"	3"	PN3000	28.00	PNS3000	105.80	APN3000	\$43.25
4"	4"	PN4000	46.00	PNS4000	161.35	APN4000	64.15



Dixon Hex Nipples for Welding to Metal Hose

Size	Carbon Steel ¹		Opt Qty	Machined Brass		304 Stainless Steel ¹		Opt Qty	316 Stainless Steel ¹	
	Part #	Price/E		Part #	Price/E	Part #	Price/E		Part #	Price/E
1/4"	FM250	\$3.20	200	FMB250	\$6.50	FMS250	\$9.50	200	---	---
5/8"	FM375	3.40	100	FMB375	10.85	FMS375	11.85	100	---	---
1/2"	FM500	4.55	50	FMB500	13.00	FMS500 ²	11.20	50	FMR500 ²	\$12.50
3/4"	FM750	5.55	50	FMB750	15.60	FMS750 ²	12.45	50	FMR750 ²	15.50
1"	FM1000	7.30	50	FMB1000	23.75	FMS1000 ²	18.60	50	FMR1000 ²	27.10
1 1/4"	FM1250	14.40	50	---	---	FMS1250	60.60	50	---	---
1 1/2"	FM1500	15.10	50	---	---	FMS1500	60.80	50	FMR1500	61.85
2"	FM2000	39.90	10	---	---	---	---	---	---	---

¹ Dixon suggests using 308 LSI welding rod

² global stainless steel



Dixon Octagonal Nipples for Welding to Metal Hose

Size	Overall Length	Weld-On Length	Hex Length	Carbon Steel		304 Stainless Steel	
				Part #	Price/E	Part #	Price/E
2"	2 1/2"	7/8"	9/16"	OCTOE32	\$27.00	OCTOES32	\$51.00



Dixon Octagonal Wrench Grips

Size	Across Outside Flats	Across Inside Flats	Width	304 Stainless Steel	
				Part #	Price/E
1 1/2"	2.230"	1.910"	9/16"	OCTS24	\$14.30
2"	2.781"	2.385"	9/16"	OCTS32	16.20
3"	3.750"	3.510"	7/8"	OCTS48	37.00

Size	Across Outside Flats	Across Inside Flats	Width	Carbon Steel	
				Part #	Price/E
2"	2.740"	2.510"	9/16"	OCT32	\$9.00



R

Dixon Weld-On Hex Wrench Grips

Size	Global Investment Cast Steel	
	Part #	Price/E
1"	WN12	\$6.30
1 1/4"	WN16	5.90
1 1/2"	WN21	5.90
2"	WN26	6.45
2 1/2"	WN31	8.60
3"	WN36	10.40
4"	WN46	21.00



Notched Turned Back Nipples

Features:

- Stems are for use with lap joint flanges on page 714.
- When used with an appropriate notched ferrule, these fittings can be swaged or crimped onto hose providing improved shank retention.
- When used with double bolt or band clamps, notched turn back nipples provide shank retention similar to that of the King turned back nipples.
- The stem can be removed from a damaged hose by cutting away the ferrule without necessarily damaging the fitting. *After inspection to determine its suitability for reuse, it can be reinstalled into another hose by using a new ferrule.*



stems

Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	N150NO	\$31.50	RN150NO	\$80.60
2"	N200NO	35.55	RN200NO	92.70
2½"	N250NO	55.00	RN250NO	125.00
3"	N300NO	84.25	RN300NO	162.00
4"	N400NO	141.10	RN400NO	248.25

Special pushers required:

1½" stem - RN150NOPUSH

2" stem - RN200NOPUSH

2½" stem - RN250NOPUSH

3" stem - RN300NOPUSH

4" stem - RN400NOPUSH

ferrules



Hose ID	Hose OD		304 Stainless Steel	
	from	to	Part #	Price/E
1½"	1-60/64"	2-12/64"	GAS2334NO	\$34.80
	2-4/64"	2-22/64"	GAS2370NO	37.20
2"	2-30/64"	2-44/64"	GAS2709NO	31.80
	2-42/64"	2-54/64"	GAS2885NO	66.25
2½"	2-54/64"	3"	GAS3012NO	64.50
	3-1/64"	3-13/64"	GAS3260NO	68.80
3"	3-30/64"	3-46/64"	GAS3760NO	45.40
	3-47/64"	3-54/64"	GAS3885NO	62.10
4"	4-40/64"	4-47/64"	GAS5010NO	258.75



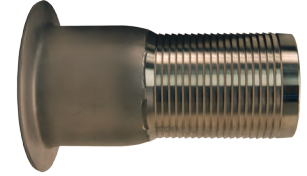
Dixon stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon Holedall products.

King Turned Back Hose Nipples for Floating Flanges

Features:

- A turned back nipple, when used in a floating flange assembly, allows the flange to be aligned without stressing (twisting) the hose. This generally increases the hose's service life by eliminating a common cause of premature hose failure.
- for use with Lap Joint flanges shown on page 714

Size	Plated Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	N10	\$49.30	RN10	\$119.40
1¼"	N15	49.80	RN15	148.30
1½"	N20	78.20	RN20	152.35
2"	N25	84.70	RN25	203.70
2½"	N30	113.30	RN30	381.20
3"	N35	98.15	RN35	311.50
4"	N40	156.50	RN40	457.60
6"	N60	254.00	RN60	916.70
8"	N80	375.00	RN80	1485.00
10"	N100	630.00	RN100	POR
12"	N120	1035.00	RN120	POR



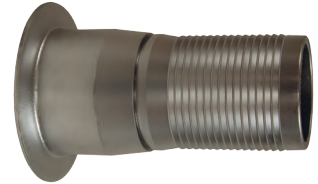
King Crimp Nipples for Floating Flanges

2014
NEW

Feature:

- to be used with King Crimp sleeves and/or ferrules

Size	Plated Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	N25CS	\$134.85	RN25CS	\$225.00
1¼"	N35CS	189.35	RN35CS	340.55
1½"	N40CS	244.20	RN40CS	457.60
2"	N60CS	496.55	RN60CS	1115.00



King Turned Back Weld-To-Metal Hose Nipples

Features:

- MSS Type C
- for use with Slip-On and Lap Joint flanges shown on page 714

Size	Length	Phono-Finish Face Schedule 40 Plated Carbon Steel		Phono-Finish Face Schedule 10 304 Stainless Steel		Smooth Face Schedule 10 304 Stainless Steel	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
		¾"	2"	NW5	\$25.55	GNW5	\$32.00
1"	2"	NW10	27.05	GNW10	32.65	GNWP10	20.80
1¼"	2"	NW15	41.15	GNW15	50.00	GNWP15	60.10
1½"	2"	NW20	37.70	GNW20	57.00	GNWP20	22.80
2"	2½"	NW25	40.65	GNW25	70.05	GNWP25	28.15
2½"	2½"	NW30	54.00	GNW30	80.00	GNWP30	35.50
3"	2½"	NW35	58.65	GNW35	88.85	GNWP35	51.50
4"	3"	NW40	76.30	GNW40	108.25	GNWP40	55.50
6"	3½"	NW60	114.60	GNW60	255.00	GNWP60	194.80
8"	4"	NW80	146.65	GNW80	525.00	GNWP80	270.30
10"	5"	NW100	295.00	---	---	GNWP100	500.00
12"	6"	NW120	425.00	---	---	GNWP120	526.30



R

150 LB. ASA Forged Flanges

Lap-Joint

Features:

- no raised face
- The lap joint flange is commonly called a Van Stone or a floating flange.

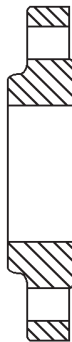


Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	LJ100	\$35.00	---	---
1¼"	LJ125	35.00	---	---
1½"	LJ150	26.00	LJR150	\$70.00
2"	LJ200	27.00	LJR200	125.00
2½"	LJ250	60.00	---	---
3"	LJ300	45.00	LJR300	190.00
4"	LJ400	62.00	LJR400	275.00
5"	LJ500	78.00	---	---
6"	LJ600	89.00	LJR600	430.00
8"	LJ800	158.00	---	---
10"	LJ1000	196.00	---	---
12"	LJ1200	305.00	---	---

Slip-On

Feature:

- raised face

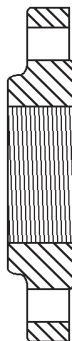


Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	SO100	\$18.25	---	---
1¼"	SO125	28.00	---	---
1½"	SO150	21.25	SOR150	\$78.00
2"	SO200	25.25	SOR200	102.00
2½"	SO250	39.50	---	---
3"	SO300	41.00	SOR300	170.00
4"	SO400	58.00	SOR400	225.00
5"	SO500	90.15	---	---
6"	SO600	79.00	SOR600	350.00
8"	SO800	133.00	---	---
10"	SO1000	182.00	---	---
12"	SO1200	288.00	---	---

NPT Threaded

Feature:

- raised face



Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	T100	\$44.00	---	---
1¼"	T125	43.00	---	---
1½"	T150	39.00	TR150	\$99.00
2"	T200	42.00	TR200	135.00
2½"	T250	48.00	---	---
3"	T300	50.00	TR300	195.00
4"	T400	67.00	TR400	276.80
5"	T500	85.00	---	---
6"	T600	107.00	TR600	661.50
8"	T800	182.00	---	---
10"	T1000	520.00	---	---
12"	T1200	670.00	---	---

R

International Shore Connections

Features:

- meets US Coast Guard specifications for vessels of 1000 gross tons or more
- makes possible the connection of two different threads between ship and shore or between ships
- 7" OD brass flange with 4 $\frac{3}{4}$ " holes
- solid wedge disc with tapered seats
- includes 8 washers, 4 hexagon brass nuts, 4 hex head bolts, 1 washer, 1 fiber gasket
- working pressure: **300 PSI**

Description	Brass Part #	Wt. Lbs.	Price
shore side	09-318-00001	7.38	\$328.00
ship side	09-319-00001	7.14	328.00

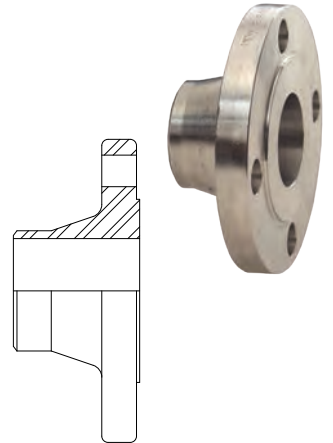


150 LB. ASA Forged Flanges Weld Neck

Feature:

- raised face

Size	Carbon Steel	
	Part #	Price/E
1"	WN100	\$45.25
1 $\frac{1}{4}$ "	WN125	47.00
1 $\frac{1}{2}$ "	WN150	47.25
2"	WN200	53.00
3"	WN300	62.75
4"	WN400	74.50
5"	WN500	115.00
6"	WN600	113.00
8"	WN800	198.00
10"	WN1000	310.00



Flange Gaskets

Features:

- standard drop-ring type all 1/16" thick
- reference page 772 for joint sealant gasket material
- for dimensional information and diagrams, see pages 821 and 822

Size	Neoprene		Klingersil® C-4401	
	Part #	Price/E	Part #	Price/E
1"	NG10	\$1.60	AG10	\$2.80
1 $\frac{1}{4}$ "	NG15	1.95	AG15	3.10
1 $\frac{1}{2}$ "	NG20	1.95	AG20	3.20
2"	NG25	2.10	AG25	3.35
2 $\frac{1}{2}$ "	NG30	2.80	AG30	4.10
3"	NG35	2.30	AG35	5.30
4"	NG40	3.20	AG40	6.40
5"	NG50	6.70	---	---
6"	NG60	4.15	AG60	9.85
8"	NG80	6.80	AG80	13.75



R

TTMA Series Flange Adapters

Features:

- provides a simple and easy way to quickly convert threaded components to a standard TTMA flange configuration
- more durable than welded fabrications due to the solid cast lightweight aluminum design
- design improves flow through adapter even on the 3" reducer
- compact size reduces the overall space needed to install
- for flange drilling standards, see page 822

Male Threaded



TTMA flange x standard male NPT

TTMA Flange	Male NPT	Aluminum	
		Part #	Price/E
3"	3"	TTF3AL-3MT	\$87.50
4"	3"	TTF4AL-3MT	65.90
4"	4"	TTF4AL-4MT	61.10

Extended Length - Male Threaded



TTMA flange x extended length male NPT

TTMA Flange	Male NPT	Aluminum	
		Part #	Price/E
4"	3"	TTF4AL-3EMT	\$87.50
4"	4"	TTF4AL-4EMT	102.15

Female Threaded



TTMA flange x female NPT

TTMA Flange	Female NPT	Aluminum	
		Part #	Price/E
4"	3"	TTF4AL-3FT	\$78.35
4"	4"	TTF4AL-4FT	78.05

Socket Weld



TTMA flange x socket weld

TTMA Flange	Socket Weld	Aluminum	
		Part #	Price/E
4"	4"	TTF400SP	\$67.00

R

Sight Flow Indicators Bronze

Applications:

- verifies flow and monitors color and clarity in fluid lines

Features:

- double window snap ring design
- bronze body
- ABS indicator
- tempered soda lime sight glass
- Buna-N seals
- maximum operating pressure: **125 PSI**
- maximum temperature: **200°F**
- made in the USA

**Female NPT x Female NPT**

Size	Overall Length	Width	Height	Bronze		Opt Qty
				Part #	Price/E	
1/2"	3-13/16"	2-7/16"	2-7/16"	SF1631-050	\$379.15	1
3/4"	3-13/16"	2-7/16"	2-7/16"	SF1631-075	405.10	1
1"	4-3/8"	3"	3-1/8"	SF1631-100	514.20	1
1 1/2"	4-5/8"	3-13/16"	4"	SF1631-150	784.25	1
2"	4-5/8"	3-13/16"	4"	SF1631-200	810.25	1

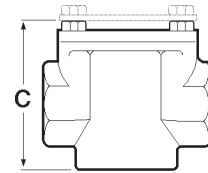
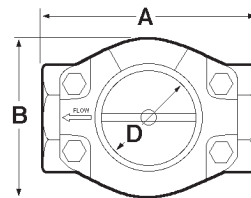
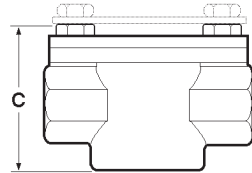
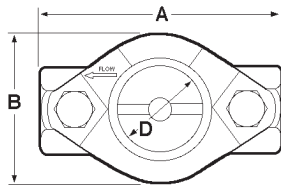
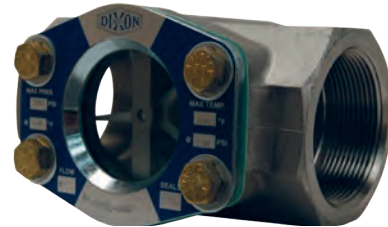
Stainless Steel

Applications:

- verifies flow and monitor color and clarity in fluid lines

Features:

- radial sealing method and bolt-on body design provides years of reliable service with no torquing maintenance required
- white acetal resin, 40% glass filled propeller style indicator is standard, best for observations at a distance or with opaque liquids ¹
- tempered soda lime sight glass ²
- FKM seals are standard ³
- maximum operating pressure: **200 PSI at 150°F**
- maximum temperature: **225°F at 150 PSI**
- made in the USA

**Female NPT x Female NPT ⁴**

Size	Overall Length A	Width B	Height C	Diameter of Sight Opening D	Weight	Stainless Steel		Opt Qty
						Part #	Price/E	
1/2"	3 1/4"	2"	2-3/8"	1 1/8"	1.4	SF1471-050	\$794.65	1
3/4"	4 1/4"	2-9/16"	3-1/4"	1 1/2"	3.0	SF1471-075	857.00	1
1"	4 1/4"	2-9/16"	3-1/4"	1 1/2"	2.7	SF1471-100	1080.30	1
1 1/2"	5 5/8"	3-5/16"	4-5/16"	2"	7.9	SF1471-150	1433.50	1
2"	5 5/8"	3-5/16"	4-5/16"	2"	6.6	SF1471-200	1687.95	1

¹ Plain, flapper or drip tube style indicators are available, as are PTFE indicators. Consult Dixon for price and availability.

² Special units with tempered Borosilicate glass are available. Consult Dixon for price and availability.

³ PTFE, EPR and Buna-N seals are available. Consult Dixon for price and availability.

⁴ 150# flanged units, as well as other metals, are also available. Consult Dixon for price and availability.

NPT Threaded Reducer Hex Bushings



Male NPT	Female NPT	150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	1/8"	HB2518	\$4.35	HB2518G	\$6.25	HB2518SS	\$3.65	HB2518FS	\$4.80	HB1F2M	\$2.10
3/8"	1/8"	HB3818	4.35	---	---	---	---	---	---	HB1F3M	2.50
3/8"	1/4"	HB3825	4.35	HB3825G	6.25	HB3825SS	4.10	HB3825FS	4.80	HB2F3M	2.73
1/2"	1/8"	HB5018	4.35	---	---	---	---	---	---	HB1F4M	4.75
1/2"	1/4"	HB5025	4.35	HB5025G	6.25	HB5025SS	5.45	HB5025FS	4.90	HB2F4M	4.27
1/2"	3/8"	HB5038	4.35	HB5038G	6.25	HB5038SS	5.45	HB5038FS	4.90	HB3F4M	3.61
3/4"	1/8"	HB7518	4.25	---	---	---	---	---	---	HB1F6M	7.70
3/4"	1/4"	HB7525	4.25	HB7525G	6.45	HB7525SS	8.10	HB7525FS	5.95	HB2F6M	7.85
3/4"	3/8"	HB7538	4.25	HB7538G	7.15	HB7538SS	8.10	HB7538FS	5.95	HB3F6M	6.95
3/4"	1/2"	HB7550	3.95	HB7550G	5.80	HB7550SS	8.65	HB7550FS	5.95	HB4F6M	7.20
1"	1/8"	HB1018	4.90	---	---	---	---	---	---	---	---
1"	1/4"	HB1025	5.25	HB1025G	7.65	HB1025SS	12.20	HB1025FS	9.50	HB2F8M	15.50
1"	3/8"	HB1038	5.40	HB1038G	11.95	HB1038SS	11.85	HB1038FS	9.50	HB3F8M	14.86
1"	1/2"	HB1050	4.05	HB1050G	6.90	HB1050SS	11.45	HB1050FS	9.50	HB4F8M	14.08
1"	3/4"	HB1075	4.05	HB1075G	6.55	HB1075SS	11.45	HB1075FS	9.50	HB6F8M	11.60
1 1/4"	1/2"	HB1250	5.80	---	---	---	---	---	---	---	---
1 1/4"	3/4"	HB1275	5.20	---	---	HB1275SS	20.00	HB1275FS	15.60	---	---
1 1/4"	1"	HB1210	5.20	HB1210G	8.80	HB1210SS	20.00	HB1210FS	15.60	HB1210B	21.60
1 1/2"	1/2"	HB1550	6.60	---	---	---	---	---	---	---	---
1 1/2"	3/4"	HB1575	6.60	HB1575G	12.75	HB1575SS	23.75	HB1575FS	17.70	HB1575B	33.75
1 1/2"	1"	HB1510	5.80	HB1510G	11.50	HB1510SS	23.25	HB1510FS	17.70	HB1510B	27.60
1 1/2"	1 1/4"	HB1512	6.65	HB1512G	10.65	HB1512SS	23.25	HB1512FS	17.70	HB1512B	27.60
2"	1/2"	HB2050	10.00	HB2050G	15.95	---	---	---	---	HB2050B	49.15
2"	3/4"	HB2075	8.45	HB2075G	14.85	HB2075SS	35.90	HB2075FS	26.85	HB2075B	49.15
2"	1"	HB2010	7.90	HB2010G	14.05	HB2010SS	35.90	HB2010FS	26.85	HB2010B	49.15
2"	1 1/4"	HB2012	7.90	HB2012G	14.05	HB2012SS	35.90	HB2012FS	26.85	HB2012B	40.90
2"	1 1/2"	HB2015	8.80	HB2015G	12.30	HB2015SS	38.40	HB2015FS	26.85	HB2015B	40.90
2 1/2"	1 1/2"	HB2515	13.35	---	---	---	---	---	---	HB2515B	84.25
2 1/2"	2"	HB2520	13.25	HB2520G	20.05	HB2520SS	64.40	HB2520FS	85.00	HB2520B	81.00
3"	1"	HB3010	19.85	---	---	---	---	---	---	---	---
3"	1 1/2"	HB3015	19.45	---	---	---	---	---	---	---	---
3"	2"	HB3020	18.20	HB3020G	27.10	HB3020SS	94.40	HB3020FS	135.20	HB3020B	123.75
3"	2 1/2"	HB3025	18.45	---	---	HB3025SS	92.15	HB3025FS	135.20	HB3025B	123.65
4"	1"	HB4010	38.05	---	---	---	---	---	---	---	---
4"	1 1/2"	HB4015	38.05	---	---	---	---	---	---	---	---
4"	2"	HB4020	36.00	HB4020G	56.30	HB4020SS	155.50	---	---	HB4020B	371.15
4"	2 1/2"	HB4025	36.00	---	---	---	---	---	---	---	---
4"	3"	HB4030	36.00	HB4030G	59.60	HB4030SS	155.50	HB4030FS	291.20	HB4030B	283.45
5"	4"	HB5040	65.75	---	---	---	---	---	---	---	---
6"	3"	HB6030	95.10	---	---	---	---	---	---	---	---
6"	4"	HB6040	95.10	---	---	---	---	---	---	---	---

R

NPT Threaded Reducing Union



Female NPT	Female NPT	150# Iron	
		Part #	Price/E
3/4"	1/2"	MIRU7550	\$21.50

NPT Threaded Unions



Features:

- other sizes are also available
- 304 stainless steel fittings are also available, *consult Dixon for pricing and availability*

Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	MIU18	\$17.50	---	---	---	---	---	---	---	---
1/4"	---	---	MIU25	16.65	---	---	TUN025SS	\$18.50	---	---	TUN2F	\$26.75
3/8"	---	---	MIU38	11.25	TUN038G	\$13.25	TUN038SS	22.50	---	---	TUN3F	26.75
1/2"	300MIU50	\$29.30	MIU50	10.75	TUN050G	13.40	TUN050SS	20.25	TUN050FS	\$27.60	TUN4F	29.90
3/4"	300MIU75	32.45	MIU75	12.80	TUN075G	15.90	TUN075SS	25.75	TUN075FS	33.05	TUN5F	41.00
1"	300MIU100	42.35	MIU100	16.70	TUN100G	19.75	TUN100SS	41.40	TUN100FS	43.20	TUN6F	53.50
1 1/4"	---	---	MIU125	22.15	TUN125G	26.85	TUN125SS	67.00	---	---	TUN7F	78.50
1 1/2"	300MIU150	72.25	MIU150	27.05	TUN150G	34.40	TUN150SS	77.00	TUN150FS	83.75	TUN8F	93.00
2"	---	---	MIU200	40.80	TUN200G	45.95	TUN200SS	101.90	TUN200FS	108.95	TUN9F	143.00
2 1/2"	---	---	MIU250	98.35	---	---	---	---	---	---	---	---
3"	300MIU300	373.25	MIU300	119.40	---	---	---	---	---	---	---	---
4"	---	---	MIU400	295.20	---	---	---	---	---	---	---	---

NPT Threaded Bell Reducers



Features:

- other sizes are also available
- 304 stainless steel fittings are also available, *consult Dixon for pricing and availability*

Female NPT	Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	1/8"	---	---	BR1418	\$3.95	---	---	---	---	---	---	RC2F1F ²	\$4.80
3/8"	1/8"	---	---	BR3818	3.95	---	---	---	---	---	---	RC3F1F	6.44
3/8"	1/4"	---	---	BR3825	3.95	---	---	BR3825SS	\$6.80	---	---	RC3F2F ²	5.25
1/2"	1/4"	300BR5025	\$25.15	BR5025	3.60	BR5025G	\$4.45	BR5025SS	9.25	---	---	RC4F2F ²	7.32
1/2"	3/8"	---	---	BR5038	3.40	BR5038G	4.15	BR5038SS	8.60	BR5038FS	\$14.60	BR5038B ¹	10.50
3/4"	1/4"	---	---	BR7525	4.45	---	---	---	---	---	---	---	---
3/4"	3/8"	---	---	BR7538	4.45	---	---	BR7538SS	11.85	---	---	RC6F3F	11.91
3/4"	1/2"	300BR7550	25.70	BR7550	3.90	BR7550G	4.85	BR7550SS	11.10	BR7550FS	37.45	BR7550B ¹	15.00
1"	1/4"	---	---	BR1025	6.90	---	---	---	---	---	---	---	---
1"	3/8"	---	---	BR1038	7.00	---	---	---	---	---	---	---	---
1"	1/2"	---	---	BR1050	6.05	BR1050G	8.05	BR1050SS	16.40	---	---	BR1050B	26.00
1"	3/4"	300BR1075	30.70	BR1075	6.05	BR1075G	7.50	BR1075SS	16.20	BR1075FS	22.65	BR1075B	25.40
1 1/4"	1/2"	---	---	BR1250	8.65	---	---	---	---	---	---	---	---
1 1/4"	3/4"	---	---	BR1275	7.50	---	---	---	---	---	---	---	---
1 1/4"	1"	300BR1210	40.35	BR1210	7.50	BR1210G	10.25	BR1210SS	21.00	---	---	BR1210B	40.50
1 1/2"	3/4"	---	---	BR1575	12.40	---	---	---	---	---	---	BR1575B	64.60
1 1/2"	1"	300BR1510	55.35	BR1510	11.00	BR1510G	13.20	BR1510SS	28.25	BR1510FS	40.60	BR1510B	51.70
1 1/2"	1 1/4"	300BR1512	62.95	BR1512	9.50	BR1512G	12.50	BR1512SS	28.75	BR1512FS	40.60	---	---
2"	3/4"	---	---	BR2075	15.75	---	---	---	---	---	---	---	---
2"	1"	300BR2010	80.20	BR2010	14.90	BR2010G	18.00	BR2010SS	46.70	BR2010FS	58.90	BR2010B	86.50
2"	1 1/4"	300BR2012	94.50	BR2012	15.75	---	---	---	---	---	---	---	---
2"	1 1/2"	300BR2015	119.60	BR2015	13.80	BR2015G	18.00	BR2015SS	49.95	BR2015FS	58.90	BR2015B	76.00
2 1/2"	1"	---	---	BR2510	40.05	---	---	---	---	---	---	---	---
2 1/2"	1 1/2"	---	---	BR2515	40.95	---	---	---	---	---	---	---	---
2 1/2"	2"	---	---	BR2520	35.15	BR2520G	55.60	---	---	---	---	BR2520B	134.50
3"	1"	---	---	BR3010	55.80	---	---	---	---	---	---	---	---
3"	1 1/4"	---	---	BR3012	61.80	---	---	---	---	---	---	---	---
3"	1 1/2"	---	---	BR3015	54.75	---	---	---	---	---	---	---	---
3"	2"	---	---	BR3020	45.40	BR3020G	69.80	BR3020SS	140.00	---	---	BR3020B	180.20
3"	2 1/2"	---	---	BR3025	54.75	BR3025G	73.85	---	---	---	---	---	---
4"	1"	---	---	BR4010	109.75	---	---	---	---	---	---	---	---
4"	1 1/2"	---	---	BR4015	109.75	---	---	---	---	---	---	---	---
4"	2"	---	---	BR4020	109.75	---	---	---	---	---	---	---	---
4"	2 1/2"	---	---	BR4025	109.75	---	---	---	---	---	---	---	---
4"	3"	---	---	BR4030	109.75	BR4030G	159.80	---	---	---	---	BR4030B	428.25
6"	3"	---	---	BR6030	274.75	---	---	---	---	---	---	---	---
6"	4"	---	---	BR6040	274.75	---	---	---	---	---	---	---	---

¹ items will be discontinued as stock is depleted

² sizes are manufactured from bar stock

NPT Threaded Couplings - Both Ends



Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain.Steel		3000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	RHC18	\$4.80	RHC18G	\$5.55	---	---	---	---	---	---
1/4"	300RHC25	\$15.80	RHC25	4.05	RHC25G	5.15	RHC25SS	\$4.55	RHC25FS	\$7.55	RHC25B	\$8.55
3/8"	300RHC38	15.80	RHC38	4.05	RHC38G	5.15	RHC38SS	5.70	RHC38FS	7.55	RHC38B	7.75
1/2"	300RHC50	17.65	RHC50	3.30	RHC50G	4.15	RHC50SS	7.65	RHC50FS	6.50	RHC50B	9.65
3/4"	300RHC75	20.25	RHC75	3.90	RHC75G	4.80	RHC75SS	11.35	RHC75FS	8.35	RHC75B	12.70
1"	300RHC100	23.20	RHC100	5.85	RHC100G	7.85	RHC100SS	15.85	RHC100FS	14.85	RHC100B	19.25
1 1/4"	300RHC125	27.55	RHC125	7.50	RHC125G	10.85	RHC125SS	20.70	RHC125FS	24.65	RHC125B	31.00
1 1/2"	300RHC150	41.25	RHC150	10.05	RHC150G	12.35	RHC150SS	29.65	RHC150FS	31.75	RHC150B	40.90
2"	300RHC200	59.40	RHC200	14.60	RHC200G	18.00	RHC200SS	43.70	RHC200FS	38.00	RHC200B	67.30
2 1/2"	---	---	RHC250	39.75	---	---	---	---	---	---	---	---
3"	---	---	RHC300	53.70	RHC300G	73.35	RHC300SS	114.40	---	---	---	---
4"	---	---	RHC400	107.10	RHC400G	155.80	RHC400SS	177.75	---	---	---	---
5"	---	---	RHC500	436.90	---	---	---	---	---	---	---	---
6"	---	---	RHC600	287.30	---	---	---	---	---	---	---	---

NPT Threaded 90° Threaded Elbows



forged steel



brass

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, *consult Dixon for pricing and availability*

Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		2000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	EL9018	\$3.40	EL9018G	\$4.65	EL9018SS	\$6.20	---	---	EL1F1F¹	\$4.50
1/4"	300EL9025	\$17.55	EL9025	3.25	EL9025G	4.45	EL90025SS	6.20	EL9025FS	\$20.80	EL2F2F¹	7.11
3/8"	300EL9038	15.60	EL9038	3.25	EL9038G	4.45	EL90038SS	7.50	EL9038FS	20.80	EL3F3F¹	9.65
1/2"	300EL9050	20.15	EL9050	2.45	EL9050G	3.05	EL90050SS	8.25	EL9050FS	15.90	EL4F4F¹	17.85
3/4"	300EL9075	22.80	EL9075	2.95	EL9075G	3.55	EL90075SS	12.00	EL9075FS	19.80	EL6F6F¹	26.50
1"	300EL90100	30.80	EL90100	5.15	EL90100G	6.60	EL90100SS	17.60	EL90100FS	28.60	EL90100B	24.00
1 1/4"	300EL90125	42.45	EL90125	8.35	EL90125G	10.20	EL90125SS	26.55	EL90125FS	57.50	---	---
1 1/2"	300EL90150	50.05	EL90150	11.00	EL90150G	13.40	EL90150SS	35.90	EL90150FS	73.00	EL90150B	48.00
2"	300EL90200	72.00	EL90200	18.85	EL90200G	22.35	EL90200SS	47.35	EL90200FS	92.05	EL90200B	78.00
2 1/2"	---	---	EL90250	40.85	---	---	---	---	---	---	---	---
3"	---	---	EL90300	60.90	EL90300G	93.45	EL90300SS	149.00	---	---	---	---
4"	---	---	EL90400	129.50	EL90400G	161.75	EL90400SS	246.00	---	---	---	---
5"	---	---	EL90500	282.00	---	---	---	---	---	---	---	---
6"	---	---	EL90600	484.25	---	---	---	---	---	---	---	---

¹ The picture for sizes 1/8" - 3/4" can be found on page 333, both are functionally the same.

R

NPT Threaded 90° Street Elbows

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, *consult Dixon for pricing and availability*



150# iron



forged steel



brass

Male NPT	Female NPT	150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	1/8"	SE9018	\$4.90	SE9018G	\$6.30	SE9018SS	\$8.25	---	---	SE1F1M	\$4.41
1/4"	1/4"	SE9025	4.90	SE9025G	6.10	SE9025SS	8.45	SE9025FS	\$31.20	SE2F2M	7.03
3/8"	3/8"	SE9038	4.90	SE9038G	6.10	SE9038SS	10.30	SE9038FS	30.70	SE3F3M	9.71
1/2"	1/2"	SE9050	5.05	SE9050G	6.30	SE9050SS	12.20	SE9050FS	30.70	SE4F4M	17.35
3/4"	3/4"	SE9075	4.90	SE9075G	6.10	SE9075SS	16.10	SE9075FS	38.00	SE9075B	20.25
1"	1"	SE9010	7.05	SE9010G	8.30	SE9010SS	25.75	SE9010FS	51.50	SE9010B	33.75
1 1/4"	1 1/4"	SE9012	10.75	SE9012G	13.95	SE9012SS	38.50	SE9012FS	91.80	SE9012B	51.70
1 1/2"	1 1/2"	SE9015	14.35	SE9015G	17.15	SE9015SS	52.00	SE9015FS	111.05	SE9015B	66.50
2"	2"	SE9020	23.25	SE9020G	29.75	SE9020SS	61.00	SE9020FS	162.95	SE9020B	113.00
2 1/2"	2 1/2"	SE90250	57.40	---	---	---	---	---	---	---	---
3"	3"	SE90300	87.55	SE9030G	121.60	---	---	---	---	---	---
4"	4"	SE90400	142.55	---	---	---	---	---	---	---	---
6"	6"	SE90600	377.55	---	---	---	---	---	---	---	---

NPT Threaded Reducing Elbows

Feature:

- other sizes are also available, consult Dixon for pricing and availability

Female NPT	Female NPT	150# Iron	
		Part #	Price/E
1/4"	1/8"	REL2518	\$6.35
1/2"	1/4"	REL5025	4.55
1/2"	3/8"	REL5038	4.45
3/4"	1/2"	REL7550	4.60
1"	1/2"	REL1050	6.25
1"	3/4"	REL1075	5.90
1 1/4"	1"	REL1210	9.55
1 1/2"	1"	REL1510	15.65
1 1/2"	1 1/4"	REL1525	15.65
2"	1"	REL2010	22.55
2"	1 1/2"	REL2015	19.85
2 1/2"	2"	REL2520	54.35
3"	2"	REL3020	87.80
4"	2"	REL4020	150.45
4"	3"	REL4030	150.45



R

NPT Threaded 45° Street Elbows



Size	150# Iron		150# Galvanized Iron	
	Part #	Price/E	Part #	Price/E
1/8"	SE4518	\$7.60	---	---
1/4"	SE4525	5.65	SE4525G	\$7.50
3/8"	SE4538	6.45	---	---
1/2"	SE4550	5.20	SE4550G	6.60
3/4"	SE4575	7.95	SE4575G	10.65
1"	SE45100	9.20	---	---
1 1/4"	SE45125	15.95	SE45125G	19.70
1 1/2"	SE45150	19.80	SE45150G	23.90
2"	SE45200	33.35	SE45200G	41.00
2 1/2"	SE45250	70.95	SE45250G	96.40
3"	SE45300	108.65	SE45300G	144.20
4"	SE45400	203.45	SE45400G	234.45

NPT Threaded 45° Threaded Elbows



Female NPT	150# Iron
	Part # Price/E
1/8"	EL4518 \$4.90
1/4"	EL4525 5.05
3/8"	EL4538 4.55
1/2"	EL4550 4.00
3/4"	EL4575 4.85
1"	EL45100 6.15
1 1/4"	EL45125 10.75
1 1/2"	EL45150 13.30
2"	EL45200 20.00
2 1/2"	EL45250 56.35
3"	EL45300 73.15
4"	EL45400 142.10
5"	EL45500 461.90
6"	EL45600 484.25

NPT Threaded Female Tees



150# iron



forged steel

Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		2000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	FT18	\$5.20	---	---	---	---	---	---	322-0202	\$5.00
1/4"	300FT25	\$22.05	FT25	4.90	FT25G	\$5.80	FT25SS	\$7.70	FT25FS	\$25.30	322-0404	8.60
3/8"	300FT38	23.35	FT38	4.90	FT38G	5.80	FT38SS	10.30	---	---	322-0606	11.61
1/2"	300FT50	29.70	FT50	3.20	FT50G	3.55	FT50SS	10.70	FT50FS	22.80	322-0808	22.28
3/4"	---	---	FT75	4.50	FT75G	6.00	FT75SS	15.80	FT75FS	30.50	FT75B	19.15
1"	300FT10	38.60	FT10	7.90	FT100G	9.80	FT10SS	23.40	FT100FS	39.25	FT10B	34.00
1 1/4"	300FT120	55.30	FT120	12.80	FT120G	15.45	FT120SS	40.00	FT120FS	78.65	---	---
1 1/2"	---	---	FT15	15.95	FT150G	19.25	FT150SS	48.00	FT150FS	91.80	FT15B	65.00
2"	300FT200	95.15	FT200	27.10	FT200G	32.15	FT200SS	62.00	FT200FS	119.60	FT20B	107.00
2 1/2"	---	---	FT250	55.65	---	---	---	---	---	---	---	---
3"	---	---	FT30	83.55	FT300G	101.15	---	---	---	---	---	---
4"	---	---	FT40	196.15	FT400G	239.15	---	---	---	---	---	---
5"	---	---	FT500	514.80	---	---	---	---	---	---	---	---
6"	---	---	FT60	560.45	---	---	---	---	---	---	---	---

R

NPT Threaded Side Outlet Elbows

Female NPT	150# Iron	
	Part #	Price/E
1/8"	SOE18	\$10.95
1/4"	SOE25	10.95
3/8"	SOE38	10.95
1/2"	SOE50	10.75
3/4"	SOE75	11.55
1"	SOE100	30.45
1 1/4"	SOE120	37.50
1 1/2"	SOE150	35.65
2"	SOE200	68.50



NPT Threaded Female Reducing Tees

Female NPT	Female NPT	150# Iron	
		Part #	Price/E
3/8"	1/4"	FRT3825	\$6.50
1/2"	3/8"	FRT5038	6.75
3/4"	1/2"	FRT7550	6.90
1"	1/2"	FRT1050	8.80
1 1/4"	1"	FRT1210	14.00
1 1/2"	1"	FRT1510	17.65
2"	1"	FRT2010	27.65
2"	1 1/2"	FRT2015	29.20
3"	2"	FRT3020	96.70



NPT Threaded Street Service Tees

NPT	150# Iron	
	Part #	Price/E
1/2"	SST50	\$11.35
3/4"	SST75	15.40
1"	SST100	20.30
1 1/2"	SST150	46.40



NPT Threaded Bull Head Tees

Female NPT	Female NPT	150# Iron	
		Part #	Price/E
1/2"	3/4"	BHT1575	\$7.90
1/2"	1"	BHT1510	11.45
3/4"	1"	BHT7510	10.00
1"	1 1/2"	BHT1015	27.75
1"	2"	BHT1020	33.95
1 1/2"	2"	BHT1520	33.95
2"	2-1/2"	BHT2025	72.60



R

NPT Threaded Side Outlet Tees

Female NPT	150# Iron	
	Part #	Price/E
1/2"	SOT50	\$13.95
3/4"	SOT75	26.00
1"	SOT100	33.65
1 1/4"	SOT120	66.00
1 1/2"	SOT150	75.35
2"	SOT200	76.50



NPT Threaded Crosses



Female NPT	Part #	Price/E
1/8"	MIC18	\$11.70
1/4"	MIC25	9.90
3/8"	MIC38	10.10
1/2"	MIC50	11.50
3/4"	MIC75	14.05
1"	MIC100	17.25
1 1/4"	MIC125	28.00
1 1/2"	MIC150	34.70
2"	MIC200	57.40
2 1/2"	MIC250	101.20
3"	MIC300	150.95
4"	MIC400	308.10

NPT Threaded Caps



Features:

- other sizes are also available
- 304 stainless steel fittings are also available, *consult Dixon for pricing and availability*

Female NPT	300# Iron		150# Iron		150# Galvanized Iron		150# 316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	---	---	MICAP18	\$3.20	---	---	SSCAP18	\$3.35
1/4"	---	---	MICAP25	3.20	---	---	SSCAP25	3.95
3/8"	---	---	MICAP38	3.20	---	---	SSCAP38	4.70
1/2"	300MICAP50	\$16.10	MICAP50	2.45	MICAP50G	\$3.10	SSCAP50	5.60
3/4"	300MICAP75	20.25	MICAP75	3.30	MICAP75G	4.45	SSCAP75	7.40
1"	300MICAP100	26.60	MICAP100	4.00	---	---	SSCAP10	9.50
1 1/4"	300MICAP125	29.45	MICAP120	5.20	---	---	SSCAP12	19.00
1 1/2"	300MICAP150	43.05	MICAP150	7.05	---	---	SSCAP15	24.00
2"	300MICAP200	59.75	MICAP200	9.20	MICAP200G	11.35	SSCAP20	30.50
2 1/2"	---	---	MICAP250	22.85	---	---	---	---
3"	---	---	MICAP300	33.95	---	---	---	---
4"	---	---	MICAP400	53.00	---	---	---	---
5"	---	---	MICAP500	108.45	---	---	---	---
6"	---	---	MICAP600	211.65	---	---	---	---

NPT Threaded Square Head Plugs



Feature:

- forged steel plugs are solid, all others are cored

Male NPT	150# Iron		150# Galvanized Iron		150# 316 Stain. Steel		3000# Forged Steel		125# Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/8"	SHP18	\$2.10	SHP18G	\$3.30	SHP18SS	\$3.20	---	---	211-0200C ¹	\$2.41
1/4"	SHP14	2.05	SHP14G	3.30	SHP14SS	3.40	SHP14FS	\$3.55	211-0400C ¹	4.00
3/8"	SHP38	2.05	SHP38G	3.30	SHP38SS	3.75	SHP38FS	3.65	211-0600C ¹	6.00
1/2"	SHP50	2.20	SHP50G	4.25	SHP50SS	5.35	SHP50FS	3.80	211-0800C ¹	10.88
3/4"	SHP75	2.20	SHP75G	4.25	SHP75SS	6.50	SHP75FS	4.75	211-1200C ¹	16.78
1"	SHP100	2.80	SHP100G	4.65	SHP100SS	8.75	SHP100FS	7.30	SHP100B	16.50
1 1/4"	SHP125	3.50	SHP125G	7.20	SHP125SS	19.20	---	---	---	---
1 1/2"	SHP150	4.90	SHP150G	9.50	SHP150SS	21.25	SHP150FS	17.20	SHP150B	23.00
2"	SHP200	6.95	SHP200G	12.00	SHP200SS	29.25	SHP200FS	19.90	---	---
2 1/2"	SHP250	12.70	SHP250G	23.40	SHP250SS	48.00	---	---	---	---
3"	SHP300	17.40	SHP300G	33.10	SHP300SS	58.00	SHP300FS	118.05	---	---
4"	SHP400	36.45	SHP400G	68.65	SHP400SS	128.00	---	---	---	---
5"	SHP500	77.10	---	---	---	---	---	---	---	---
6"	SHP600	131.70	SHP600G	138.85	---	---	---	---	---	---

¹ lead free brass per NSF 372

Reducer Hex Nipples

Feature:

- ref SAE 130137

Male NPTF	Brass		Opt Qty
	Part #	Price/E	
1/4" X 1/8"	HN2M1M	\$3.11	100
3/8" X 1/8"	HN3M1M	4.68	50
3/8" X 1/4"	HN3M2M	4.05	50
1/2" X 1/4"	HN4M2M	5.50	50
1/2" X 3/8"	HN4M3M	5.57	50
3/4" X 1/2"	HN6M4M	8.65	25



Hex Nipples

Feature:

- ref SAE 130137

Male NPTF	Brass		Opt Qty
	Part #	Price/E	
1/8" X 1/8"	BCN12	\$2.52	100
1/4" X 1/4"	BCN25	2.81	100
3/8" X 3/8"	BCN37	4.09	50
1/2" X 1/2"	BCN50	5.70	25
3/4" X 3/4"	BCN75	7.50	25
1" X 1"	BCN100	18.00	10



Threaded Adapters

Female NPTF	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	RA1F1M	\$3.73	100
1/4"	1/4"	RA2F2M	4.36	50
3/8"	3/8"	RA3F3M	5.57	50
1/2"	1/2"	RA4F4M	7.73	25
3/4"	3/4"	RA6F6M	13.61	10
1/4"	1/8"	RA2F1M	3.90	50
3/8"	1/8"	RA3F1M	4.82	50
3/8"	1/4"	RA3F2M	4.75	50
1/2"	1/4"	RA4F2M	7.05	25
1/2"	3/8"	RA4F3M	6.21	25
3/4"	3/8"	RA6F3M	11.29	10
3/4"	1/2"	RA6F4M	10.65	10



Female Hex Couplings

Feature:

- ref SAE 130138

Male NPTF	Brass		Opt Qty
	Part #	Price/E	
1/8" X 1/8"	BA1F1F	\$3.14	25
1/4" X 1/4"	BA2F2F	4.85	25
3/8" X 3/8"	BA3F3F	5.70	25
1/2" X 1/2"	BA4F4F	8.70	25
3/4" X 3/4"	BA6F6F	15.38	10



R

Reducer Couplings

Feature:

- ref SAE 130138



Female NPTF	Brass		Opt Qty
	Part #	Price/E	
1/4" x 1/8"	RC2F1F	\$4.80	50
3/8" x 1/8"	RC3F1F	6.44	50
3/8" x 1/4"	RC3F2F	5.25	50
1/2" x 1/4"	RC4F2F	7.32	25
1/2" x 3/8"	RC4F3F	7.09	10
3/4" x 3/8"	RC6F3F	11.91	10
3/4" x 1/2"	RC6F4F	11.66	10

Hex Pipe Caps



Female NPT	Brass		Opt Qty
	Part #	Price/E	
1/8"	213-0200	\$2.30	50
1/4"	213-0400	3.40	100
3/8"	213-0600	5.65	25
1/2"	213-0800	7.60	25
3/4"	213-1200	10.97	25

Hex Head Plugs

Feature:

- hex head plug is hollow



Male NPT	Brass		Opt Qty
	Part #	Price/E	
1/8"	HHP1M	\$1.91	50
1/4"	HHP2M	1.87	100
3/8"	HHP3M	2.60	25
1/2"	HHP4M	4.42	25
3/4"	HHP6M	6.81	25
1"	HHP8M	13.10	10

Schedule 80 Threaded Polypropylene Fittings Reducer Bushings

Male NPT	Female NPT	Polypropylene	
		Part #	Price/E
1/2"	1/4"	62267	\$3.35
3/4"	1/2"	62272	3.35
1"	1/2"	62275	3.50
1"	3/4"	62276	3.50
1 1/4"	3/4"	62277	3.65
1 1/4"	1"	62278	3.65
1 1/2"	3/4"	62279	5.20
1 1/2"	1"	62280	5.20
1 1/2"	1 1/4"	62281	5.20
2"	3/4"	62195	6.05
2"	1"	62196	6.05
2"	1 1/4"	62197	6.05
2"	1 1/2"	62198	6.05
3"	2"	60330	18.10



Hex Nipples

Male NPT	Polypropylene	
	Part #	Price/E
1/2"	62221	\$1.90
3/4"	60554	2.95
1"	60555	3.50
1 1/4"	60556	3.65
1 1/2"	60547	5.15
2"	60548	5.80
3"	61769	19.70



Reducer Nipples

Male NPT	Male NPT	Polypropylene	
		Part #	Price/E
3/4"	1/2"	62233	\$2.85
1"	3/4"	62234	3.35
1 1/4"	1"	62235	3.80
1 1/2"	1 1/4"	62236	4.20
2"	1 1/2"	60549	4.95



Nipples

Male NPT	Length	Polypropylene	
		Part #	Price/E
3/4"	4"	62223	\$3.60
3/4"	6"	62224	4.35
1"	4"	62225	3.80
1"	6"	62226	4.75
2"	4"	62192	12.40
2"	6"	62193	14.25



Pipe Couplings

Female NPT	Polypropylene	
	Part #	Price/E
3/4"	62238	\$5.40
1"	62239	6.40
1 1/2"	62241	14.75
2"	62194	15.75



R

King Nipples

Male NPT	Polypropylene	
	Part #	Price/E
1 1/2"	HB150	\$4.55
2"	HB200	5.60
3"	HB300	16.10
4"	HB400	36.35



Schedule 80 Threaded Polypropylene Fittings

90° Elbows



Female NPT	Part #	Polypropylene	Price/E
1/2"	62215		\$4.80
3/4"	62216		5.45
1"	62217		6.40
1 1/2"	62219		12.75
2"	62191		15.20
3"	62220		72.00

90° Street Elbows



NPT Thread	Part #	Polypropylene	Price/E
1/2"	62243		\$5.10
3/4"	62244		5.45
1"	62245		6.40
1 1/4"	62246		8.40
1 1/2"	62247		12.90
2"	62199		15.60
3"	62248		72.00

Tees



Female NPT	Part #	Polypropylene	Price/E
1/2"	62209		\$5.75
3/4"	62210		5.95
1"	62211		8.35
1 1/4"	62212		10.00
1 1/2"	62213		15.70
2"	62190		18.80
3"	62214		82.25

Cross



Female NPT	Part #	Polypropylene	Price/E
1"	62263		\$24.75

Pipe Caps



Female NPT	Part #	Polypropylene	Price/E
3/4"	62250		\$6.60
1"	62251		6.60

Pipe Plugs



Male NPT	Part #	Polypropylene	Price/E
3/4"	62256		\$3.35
1"	62257		3.35
1 1/4"	62258		3.65
1 1/2"	62259		5.85
2"	62201		6.10

Bulkhead Fittings

female NPT fittings

Female NPT	Hole Size	Polypropylene	
		Part #	Price/E
1/2"	1 3/8"	62834	\$12.05
3/4"	1 3/8"	60401	9.60
1"	2 1/4"	60427	12.05
1 1/4"	2 1/4"	60403	12.05
1 1/2"	3"	60124	18.05
2"	3"	60405	17.25
3"	4 5/8"	62299 ¹	75.50

¹ 3" does not contain a washer

gaskets

Size	EPDM	
	Part #	Price/E
1/2" - 3/4"	60402	\$2.15
1" - 1 1/4"	60404	3.00
1 1/2" - 2"	60406	4.15
3"	60331	15.05

Application:

- for use on most poly storage tanks and many steel and fiberglass tanks

Features:

- glass reinforced polypropylene provides strength and chemical resistance
- EPDM gaskets are standard
- FKM gaskets are available, contact Dixon to order



Bolted Fittings

Bolts are threaded into the back plate of the fitting so there are no welds or bolt holes as potential points of leakage. The fittings come standard without a gasket. However, a gasket (sold separately) is required to be installed on the inside of the tank.

Stainless Steel

female NPT fittings

Size	Stainless Steel	
	Part #	Price/E
3/4"	63035	\$119.00
1"	62948	122.00
1 1/2"	63037	173.00
2"	63038	183.00

gaskets

Size	Cross-Linked Polyethylene	
	Part #	Price/E
3/4" - 1"	62950	\$4.25
1 1/2"	63042	6.75
2"	62848	7.50

Features:

- stainless steel body
- 316 stainless steel bolts
- cross-linked polyethylene gaskets are standard (sold separately)
- FKM and EPDM gaskets are available, contact Dixon to order



Polypropylene

female NPT fittings

Size	Polypropylene	
	Part #	Price/E
3/4"	60502	\$42.85
1"	60505	42.85
1 1/2"	60513	72.50
2"	60516	72.50

gaskets

Size	EPDM	
	Part #	Price/E
3/4" - 1"	60498	\$6.00
1 1/2" - 2"	60497	5.90

Features:

- polypropylene body
- 316 stainless steel bolts
- EPDM gaskets are standard (sold separately)
- FKM gaskets are available, contact Dixon to order

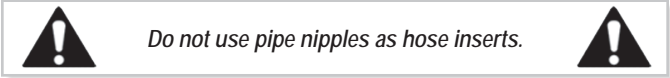


Brass Double Male Hex Nipples

Male NPT	Male NPSH	Brass	
		Part #	Price/E
1 1/2"	1 1/2"	DMH1515	\$20.70
2"	2"	DMH2020	43.35
2 1/2"	2 1/2"	DMH2525	54.15
3"	3"	DMH3030	144.00
4"	4"	DMH4040	231.00



Pipe Nipples



Straight Hex Nipples



Male NPT	316 Stainless Steel	
	Part #	Price/E
3/8"	HN38SS	\$5.30
1/2"	HN50SS	9.50
3/4"	HN75SS	11.90
1"	HN100SS	16.50

Reducing Hex Nipples

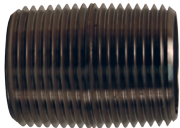


Male NPT	Male NPT	316 Stainless Steel	
		Part #	Price/E
3/8"	1/4"	RHN3825SS	\$6.05
1/2"	3/8"	RHN5038SS	6.90
3/4"	1/2"	RHN7550SS	10.20

Close Nipples

Features:

- made from schedule 40 welded pipe
- male NPT x male NPT design
- brass nipples are available, see page 332



Male NPT	Overall Length	Carbon Steel		Galvanized		316 Stainless Steel		Opt Qty
		Part #	Price/E	Part #	Price/E	Part #	Price/E	
1/8"	3/4"	---	---	---	---	CN012SS	\$4.25	1
1/4"	7/8"	CN025	\$2.40	CN025G	\$2.70	CN025SS	4.75	25
3/8"	1"	CN037	2.50	---	---	CN037SS	5.85	25
1/2"	1-1/8"	CN050	2.10	CN050G	2.40	CN050SS	7.80	10
3/4"	1-3/8"	CN075	2.40	CN075G	2.95	CN075SS	10.10	10
1"	1-1/2"	CN100	3.50	CN100G	4.00	CN100SS	14.00	10
1 1/4"	1-5/8"	CN125	4.40	---	---	---	---	10
1 1/2"	1-1/2"	CN150	5.50	CN150G	6.30	CN150SS	23.70	10
2"	2"	CN200	7.45	CN200G	9.35	CN200SS	36.75	10
2 1/2"	2 1/2"	CN250	23.25	---	---	---	---	--
3"	2-5/8"	CN300	27.60	CN300G	31.45	CN300SS	98.80	1
4"	2-5/8"	CN400	41.60	---	---	CN400SS	133.45	5
6"	3-1/8"	CN600	126.75	---	---	---	---	--

Pipe Nipples



Do not use pipe nipples as hose inserts.



Threaded Both Ends

Features:

- made from schedule 40 welded pipe
- male NPT x male NPT design
- brass nipples are available, see page 332
- other lengths are also available, consult Dixon for pricing

Male NPT	Overall Length	Carbon Steel		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
1/4"	2"	TN025X2	\$2.45	---	---
1/4"	6"	---	---	TN025X6SS	\$16.80
3/8"	2"	TN038X2	2.70	---	---
3/8"	4"	TN038X4	4.05	---	---
3/8"	6"	TN038X6	6.45	---	---
1/2"	2"	TN050X2	2.10	TN050X2SS	9.75
1/2"	3"	TN050X3	2.50	TN050X3SS	13.80
1/2"	4"	TN050X4	2.95	TN050X4SS	19.80
1/2"	6"	TN050X6	3.90	TN050X6SS	31.20
3/4"	2"	TN075X2	2.60	TN075X2SS	12.20
3/4"	3"	TN075X3	2.95	TN075X3SS	15.50
3/4"	4"	TN075X4	3.60	TN075X4SS	20.25
3/4"	6"	TN075X6	5.15	TN075X6SS	35.15
1"	2"	TN100X2	3.80	TN100X2SS	16.40
1"	3"	TN100X3	4.05	TN100X3SS	23.00
1"	4"	TN100X4	5.00	TN100X4SS	30.00
1"	6"	TN100X6	7.15	TN100X6SS	47.50
1 1/4"	2"	TN125X2	5.00	TN125X2SS	19.00
1 1/4"	3"	TN125X3	5.05	TN125X3SS	26.75
1 1/4"	4"	TN125X4	6.25	TN125X4SS	35.00
1 1/4"	6"	TN125X6	8.90	TN125X6SS	61.20
1 1/2"	2"	TN150X2	5.90	TN150X2SS	21.75
1 1/2"	3"	TN150X3	6.60	TN150X3SS	31.50
1 1/2"	4"	TN150X4	7.40	TN150X4SS	41.00
1 1/2"	6"	TN150X6	10.35	TN150X6SS	71.80
2"	3"	TN200X3	8.55	TN200X3SS	41.00
2"	4"	TN200X4	10.35	TN200X4SS	53.00
2"	5"	TN200X5	12.00	TN200X5SS	66.00
2"	6"	TN200X6	13.95	TN200X6SS	94.15
2"	8"	TN200X8	23.35	---	---
3"	3"	TN300X3	30.05	TN300X3SS	91.00
3"	4"	TN300X4	35.60	TN300X4SS	116.00
3"	6"	TN300X6	42.65	TN300X6SS	191.20
4"	4"	TN400X4	48.15	TN400X4SS	148.00
4"	6"	TN400X6	58.75	TN400X6SS	255.75
4"	8"	TN400X8	81.00	---	---
6"	6"	TN600X6	170.00	---	---
6"	8"	TN600X8	210.00	---	---



Merchant Couplings

- other sizes are also available, consult Dixon for pricing

Female NPSM	Black Iron	
	Part #	Price/E
1/4"	MRCH25	\$3.70
3/8"	MRCH38	4.45
1/2"	MRCH50	4.75
3/4"	MRCH75	6.00
1"	MRCH100	8.40
1 1/4"	MRCH125	10.75
1 1/2"	MRCH150	13.60
2"	MRCH200	19.50
3"	MRCH300¹	77.80

¹ 3" has female NPT thread

R

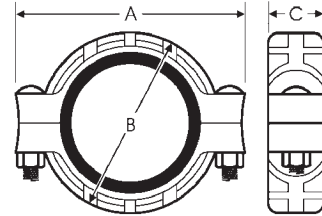
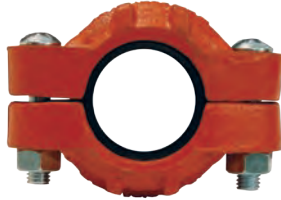
FM **UL** **C** **UL** Standard Couplings - Series S, Style 11

Applications:

Designed for a wide range of applications including commercial/industrial construction, mining, and process piping.

Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- housing design allows for optimum strength without excessive casting weight.
- see page 739 for replacement gaskets, nuts and bolts
- Comparable to:
Victaulic's #77
Grinnell's #7001



Nominal Size	Pipe OD	Max. Work. Pressure PSI at 70°F	Maximum End Load Lbs.	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
				A	B	C		qty	size	length			
1½"	1.900	1000	2835	4-5/8"	3"	1-7/8"	1.5	2	3/8"	2¼"	C115	C115BU	\$80.85
2"	2.375	1000	4430	5-15/64"	3-45/64"	1-27/32"	2.6	2	1/2"	2¾"	C12	C12BU	31.25
2½"	2.875	1000	6492	5-5/8"	4-1/4"	1-27/32"	3.4	2	1/2"	2¾"	C125	C125BU	33.30
3"	3.500	1000	9621	6-21/32"	5"	1-27/32"	4.2	2	1/2"	3"	C13	C13BU	40.55
4"	4.500	1000	15904	8-17/64"	6-3/8"	2-3/64"	6.0	2	5/8"	3¼"	C14	C14BU	67.40
6"	6.625	1000	34472	11-7/32"	8-57/64"	2-3/64"	10.8	2	3/4"	4¼"	C16	C16BU	97.40
8"	8.625	800	46741	14-1/64"	11-3/8"	2-23/64"	21.8	2	7/8"	5"	C18	C18BU	232.40
10"	10.750	800	72610	16-5/8"	13-1/2"	2-5/8"	24.2	2	7/8"	5"	C20	C20BU	239.90
12"	12.750	800	102141	18-5/8"	15-1/2"	2-5/8"	27.5	2	7/8"	5"	C24	C24BU	348.20

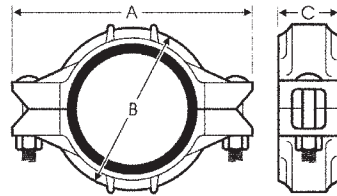
FM **UL** Lightweight Flexible Couplings - Series L, Style 10

Applications:

Designed for applications requiring moderate internal pressure or where weight is a factor. Applications include: general purpose, mining, irrigation, and compressed air where a deflection of 5% or less is required.

Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- see page 739 for replacement gaskets, nuts and bolts
- Comparable to:
Victaulic's #75
Grinnell's #7000



Nominal Size	Pipe OD	Max. Work. Pressure PSI at 70°F	Maximum End Load Lbs.	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
				A	B	C		qty	size	length			
1½"	1.900	500	1418	4-5/8"	3"	1-3/4"	1.5	2	3/8"	2¼"	L215	L215BU	\$64.50
2"	2.375	500	2215	5-7/64"	3-1/2"	1-27/32"	1.7	2	3/8"	2"	L02	L02BU	17.65
2½"	2.875	300	3246	5-55/64"	4-1/64"	1-27/32"	2.2	2	3/8"	2"	L025	L025BU	20.20
3"	3.500	300	4811	6-13/32"	4-13/16"	1-27/32"	2.8	2	1/2"	2¾"	L03	L03BU	23.75
4"	4.500	300	6362	7-33/64"	5-55/64"	2"	3.7	2	1/2"	2¾"	L04	L04BU	31.20
5"	5.563	300	9722	9-5/8"	7"	2"	5.7	2	5/8"	3¼"	L05	L05BU	179.00
6"	6.625	300	13789	10-25/32"	7-7/8"	2-3/64"	7.4	2	5/8"	3¼"	L06	L06BU	52.05
8"	8.625	300	20449	13-47/64"	10-35/64"	2-13/32"	12.8	2	3/4"	4¼"	L08	L08BU	88.50
10"	10.750	350	29815	16-19/64"	13-15/64"	2-9/16"	24.25	2	7/8"	5"	L010	L010BU	132.00
12" ^{NEW}	12.750	350	40581	18-23/64"	15-7/16"	2-9/16"	28.22	2	7/8"	5"	L012	L012BU	184.00

R

High Density Polyethylene (HDPE) Couplings

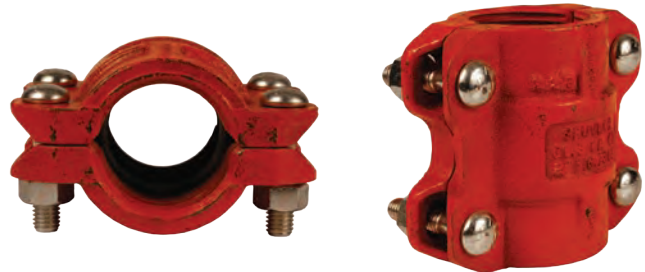
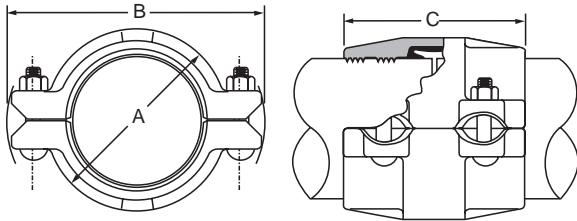


Applications:

Designed for mechanically joining high density polyethylene pipe and fittings.

Features:

- ductile iron body with rust inhibiting paint
- uses four bolts to drive the sharply machined housing teeth into the outside of the pipe
- Comparable to: Grinnell's #7305



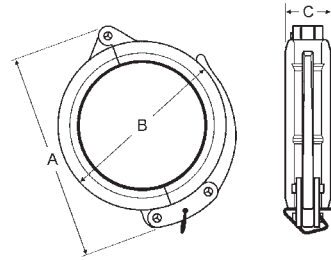
Nominal Size	Pipe OD	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
		A	B	C		qty	size	length			
2"	2.375	3 ³ / ₈ "	5 ¹ / ₂ "	4-5/8"	4.5	4	1/2"	2 ³ / ₈ "	HDPE200	HDPE200BU	\$510.00
3"	3.500	4 ⁵ / ₈ "	6 ³ / ₄ "	4-5/8"	8.5	4	1/2"	3"	HDPE300	HDPE300BU	610.00
4"	4.500	5 ¹ / ₄ "	8"	5-3/4"	12.0	4	1/2"	3"	HDPE400	HDPE400BU	670.00
6"	6.625	7 ¹ / ₂ "	11"	5-7/8"	18.0	4	5/8"	3 ¹ / ₂ "	HDPE600	HDPE600BU	930.00



Quick Release Couplings - Series Q

Features:

- ductile iron body with zinc plating and steel safety clip
- see page 739 for replacement gaskets
- Designed for applications requiring a quick connection and/or disconnection of a pipe joint. A locking pin through the handle prevents accidental opening of the coupling.
- Comparable to:
Victaulic's #78
Grinnell's #7003



Nominal Size	Pipe OD	Max Work. Pressure PSI at 70°F	Maximum End Load Lbs.	Coupling Dimensions			Approx. Weight (lbs.)	Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
				A	B	C				
1½"	1.900	300	850	4-3/4"	3½"	1"	1.5	H315	H315BU	\$135.00
2"	2.375	300	1329	5-1/2"	3¾"	1-7/8"	2.5	H32	H32BU	129.50
2½"	2.875	300	2120	5-7/8"	4¾"	1-7/8"	3.1	H325	H325BU	164.50
3"	3.500	300	2886	7-1/4"	5¼"	1-7/8"	5.3	H33	H33BU	166.50
4"	4.500	300	4771	8-1/2"	6½"	2"	6.0	H34	H34BU	214.00
6"	6.625	300	10341	10-5/8"	8½"	2"	8.6	H36	H36BU	460.00



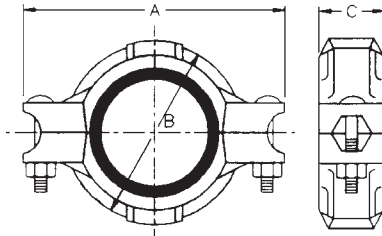
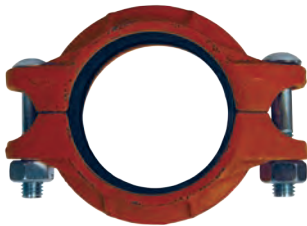
Rigid Couplings - Series R, Style 5

Application:

ideal for fire protection, plumbing, low pressure air and drainage.

Features:

- lightweight, low pressure
- ductile iron body with rust inhibiting paint
- Small gripping teeth hold the housing into the groove allowing a straight run of pipe and preventing any flex at the joint.
- Underwriters Listed and Factory Mutual approved
- see page 739 for replacement gaskets, nuts and bolts



R

Nominal Size	Pipe OD	Max Work. Pressure PSI at 70°F	Maximum End Load Lbs.	Coupling Dimensions			Approx. Weight (lbs.)	Bolts			Ductile Iron w/ EPDM gasket Part #	Ductile Iron w/ Buna-N gasket Part #	Price/E
				A	B	C		qty	size	length			
2"	2.375	175	4425	4-7/8"	3-17/32"	1-27/32"	1.5	2	3/8"	2"	R72	R72BU	\$21.25
2½"	2.875	175	6490	5-5/8"	3-45/64"	1-3/4"	1.7	2	3/8"	2"	R725	R725BU	18.30
3"	3.500	175	9620	6-3/8"	4-41/64"	1-27/32"	2.5	2	1/2"	2¾"	R73	R73BU	25.75
4"	4.500	175	12720	7-45/64"	5-15/16"	2"	3.6	2	1/2"	2¾"	R74	R74BU	32.45
6"	6.625	175	27570	10-25/32"	8-7/64"	2-3/64"	5.8	2	5/8"	3¼"	R76	R76BU	54.95
8"	8.625	175	35050	13-25/32"	10"	2-21/64"	15.9	2	5/8"	3¼"	R78	R78BU	88.50

Aluminum Grooved Clamps

Features:

- 2" pressure rating: **400 PSI**
- 3" pressure rating: **170 PSI**
- 4" pressure rating: **120 PSI**
- bolt torque: 50 ft. lbs.
- precision casting and machined dimensions provide an exact fit and great appearance
- use of lock nuts prevents clamps from loosening in high vibration applications
- leak-tight connection

- Unlike steel groove clamps that secure pipe ends with high clamp force against the tubing walls, the Dixon bolted clamp takes the full bolt force and locks in the groove of the tube preventing distortion of the tube diameter.
- FKM-B rated for 100% biodiesel and Ethanol
- Buna-N rated for petroleum service, Ethanol to E100 and biodiesel to B20
- Baylast™ rated for petroleum service, Ethanol to E100 and biodiesel to B100
- white buna-N for use in dry bulk food applications

Description	Part #	Price/E
2" aluminum bolted clamp with FKM-B gasket	DBV-VB200 NEW	\$79.85
3" aluminum bolted clamp with FKM-B gasket	DBV-VB300	90.20
4" aluminum bolted clamp with FKM-B gasket	DBV-VB400	148.55
3" aluminum bolted clamp with buna-N gasket	DBV-BN300	37.15
4" aluminum bolted clamp with buna-N gasket	DBV-BN400	47.75
2" aluminum bolted clamp with Baylast™ gasket	DBV-BL200	51.50
3" aluminum bolted clamp with Baylast™ gasket	DBV-BL300	61.15
4" aluminum bolted clamp with Baylast™ gasket	DBV-BL400	77.25
4" aluminum bolted clamp with white buna-N gasket	DBV-WB400	58.35
2" FKM-B grooved coupling replacement gasket	G200VB NEW	61.05
3" FKM-B grooved coupling replacement gasket	G300VB	58.35
4" FKM-B grooved coupling replacement gasket	G400VB	116.70
3" buna-N grooved coupling replacement gasket	G300T	12.30
4" buna-N grooved coupling replacement gasket	G400T	17.90
2" Baylast™ grooved coupling replacement gasket	G200BL	29.00
3" Baylast™ grooved coupling replacement gasket	G300BL	34.95
4" Baylast™ grooved coupling replacement gasket	G400BL	41.45
4" white buna-N grooved coupling replacement gasket	G400N	36.50



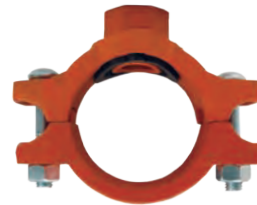
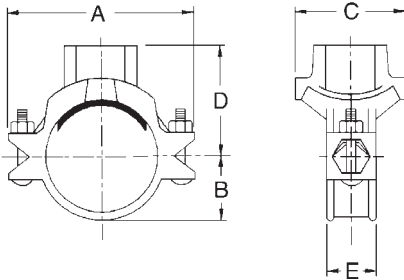
clamp with black buna gasket

Mechanical Tees - Series T

Features:

- Provides a fast easy way to install a threaded connection along a length of pipe. After drilling or cutting a hole in the pipe at the location of the branch connection, simply attach the clamps around the pipe for a leak-free threaded outlet connection. See chart below for drilling hole specifications

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- maximum operating pressure: **300 PSI** at 70°F
- see page 739 for replacement gaskets, nuts and bolts
- Comparable to:
Victaulic's #920
Grinnell's #7045

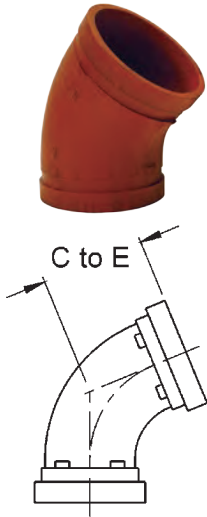


Nominal Size	Branch Size	Hole Saw diameter	Max. End Load Lbs.	Coupling Dimensions					Approx. Wt (lbs.)	Bolts			Ductile Iron	
				A	B	C	D	E		qty	size	length	Part #	Price/E
2"	1"	1½"	1-5/8"	5-1/16"	1-1/2"	2-3/4"	2-5/8"	1-7/8"	2.4	2	¾"	2"	MT2010	\$37.45
2"	1¼"	1¾"	1-7/8"	5-1/16"	1-1/2"	2-15/16"	2-3/4"	1-7/8"	2.9	2	¾"	2"	MT20125	41.20
2"	1½"	1¾"	1-7/8"	5-1/16"	1-1/2"	2-15/16"	2-3/4"	1-7/8"	2.8	2	¾"	2"	MT20150	41.20
2½"	1"	1½"	1-5/8"	5-5/32"	1-11/16"	3"	2-31/32"	2"	3.1	2	½"	2⅝"	MT25010	47.45
2½"	1¼"	2"	2-1/8"	5-13/16"	1-11/16"	3-11/32"	3"	2"	3.3	2	½"	2⅝"	MT250125	51.20
3"	1"	1½"	1-5/8"	6-11/32"	2-1/8"	3-3/32"	3-1/16"	2"	3.3	2	½"	2¾"	MT3010	56.20
3"	1½"	2"	2-1/8"	6-11/32"	2-1/8"	3-3/4"	3-3/8"	2"	3.4	2	½"	2¾"	MT30150	51.20
4"	1"	1½"	1-5/8"	7-5/16"	2-9/16"	3-3/32"	3-1/2"	2"	4.4	2	½"	2¾"	MT4010	71.45
4"	1¼"	2"	2-1/8"	7-5/16"	2-9/16"	3-3/4"	3-7/8"	2"	5.1	2	½"	2¾"	MT40125	58.65
4"	1½"	2"	2-1/8"	7-5/16"	2-9/16"	3-3/4"	3-7/8"	2"	4.9	2	½"	2¾"	MT40150	61.15
4"	2"	2½"	2-5/8"	7-5/16"	2-9/16"	4-1/8"	4"	2"	5.3	2	½"	2¾"	MT4020	61.15
4"	2½"	2¾"	2-7/8"	7-5/16"	2-9/16"	4-3/8"	4"	2"	5.4	2	½"	2¾"	MT40250	63.65
4"	3"	3½"	3-5/8"	7-5/16"	2-9/16"	5-1/4"	4-1/4"	2"	6.4	2	½"	2¾"	MT4030	68.05
6"	1¼"	2½"	2-5/8"	10-5/32"	3-11/16"	4-1/8"	4-7/8"	2-1/4"	8.6	2	⅝"	3¼"	MT60125	76.75
6"	1½"	2½"	2-5/8"	10-5/32"	3-11/16"	4-1/8"	4-7/8"	2-1/4"	8.4	2	⅝"	3¼"	MT60150	76.75
6"	2"	2½"	2-5/8"	10-5/32"	3-11/16"	4-1/8"	5"	2-1/4"	7.6	2	⅝"	3¼"	MT6020	76.75
6"	3"	3½"	3-5/8"	10-5/32"	3-11/16"	5-1/4"	5-3/8"	2-1/4"	9.2	2	⅝"	3¼"	MT6030	88.65





Grooved End Fittings - Series 45



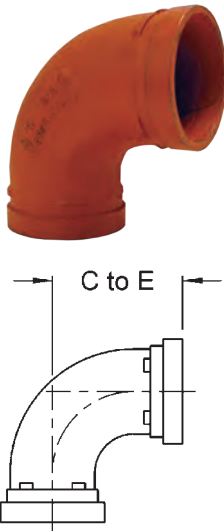
Features:

- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **1000 PSI** at ambient temperature (70°F)
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #110
Grinnell's #7051

Nominal Size	Dimension C to E	Approx. Weight (Lbs.)	Ductile Iron	
			Part #	Price/E
2"	2"	1.4	L2045	\$22.15
2½"	2¼"	2.3	L2545	23.05
3"	2½"	3.2	L3045	34.95
4"	3"	5.3	L4045	51.15
5"	3¾"	7.9	L5145	113.50
6"	3½"	11.0	L6045	129.50
8"	4¼"	20.0	L8045	258.90



Grooved End Fittings - Series 90



Features:

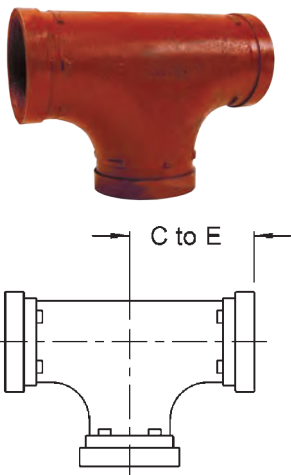
- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **1000 PSI** at ambient temperature (70°F)
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #10
Grinnell's #7050

Nominal Size	Dimension C to E	Approx. Weight (Lbs.)	Ductile Iron	
			Part #	Price/E
2"	3¼"	2.1	L502	\$22.50
2½"	3¾"	3.0	L5025	25.85
3"	4¼"	4.7	L503	41.20
4"	5"	7.3	L504	54.15
6"	6½"	17.6	L506	129.50
8"	7¾"	31.9	L508	287.05



Grooved End Fittings - Series T

R



Features:

- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **1000 PSI** at ambient temperature (70°F)
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #20
Grinnell's #7060

Nominal Size	Dimension C to E	Approx. Weight (Lbs.)	Ductile Iron	
			Part #	Price/E
2"	3¼"	3.2	T602	\$32.45
2½"	3¾"	4.5	T6025	39.95
3"	4¼"	5.9	T603	54.95
4"	5"	11.0	T604	81.30
6"	6½"	24.6	T606	196.75
8"	7¾"	40.0	T608	425.25

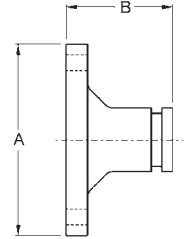
Flange Adapters - Series FA

Application:

- used to connect an ANSI Class 125 and 150 flange to a grooved pipe using a grooved clamp

Features:

- Provides a rigid one piece connection that can be disconnected by removing the clamp assembly. To assemble to another flange, position bolt heads on the adapter (grooved) side.
- ductile iron body with rust inhibiting paint



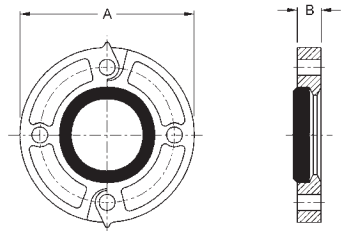
Nominal Size	Pipe OD	Max PSI at 70°F	Flange Dimensions		Approx. Weight (lbs.)	Bolts		Ductile Iron	
			A	B		qty	size	Part #	Price/E
2"	2.375	300	6"	2-3/8"	2.8	4	5/8"	FA20	\$37.40
3"	3.500	300	7 1/4"	2-3/8"	5.3	4	5/8"	FA30	61.15
4"	4.500	300	8 1/2"	2-3/8"	6.4	8	5/8"	FA40	77.40
6"	6.625	300	11"	2-9/16"	11.5	8	3/4"	FA60	142.30
8"	8.625	300	13 1/4"	3"	23.0	8	3/4"	FA80	208.50

ANSI Split Flanges - Series SF



Features:

- provides a direct connection between a grooved adapter and an ANSI Class 125 and 150 raised face flanged component
 - can be used with flat face flanges by removing the raised projections on the outside face of the flange.
 - ductile iron body with rust inhibiting paint
 - Underwriters Listed and Factory Mutual approved
 - Buna gaskets are available upon request
- Comparable to: Victaulic's #741 Grinnell's #7012



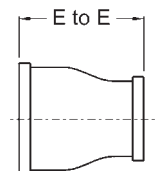
Nom. Size	Pipe OD	Max. PSI at 70°F	Flange Dimensions		Approx. Weight (lbs.)	Bolts		Ductile Iron w/ gasket		Replacement Gaskets EPDM	
			A	B		qty	size	Part #	Price/E	Part #	Price/E
2"	2.375"	300	6"	13/16"	3.5	4	5/8"	ANSI20	\$75.85	FLG200E	\$8.15
2 1/2"	2.875"	300	7"	13/16"	4.6	4	5/8"	ANSI25	82.05	FLG250E	9.40
3"	3.500"	300	7 1/2"	13/16"	5.1	4	5/8"	ANSI30	98.60	FLG300E	10.95
4"	4.500"	300	9"	15/16"	8.8	8	5/8"	ANSI40	131.05	FLG400E	12.50
6"	6.625"	300	11"	1"	10.6	8	3/4"	ANSI60	156.00	FLG600E	19.35
8"	8.625"	300	13 1/2"	1-1/8"	17.0	8	3/4"	ANSI80	199.70	FLG800E	34.00

Reducing Adapters - Series RA



Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to: Victaulic's #50, Grinnell's #7072



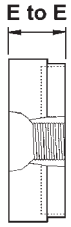
Nominal Size	Nominal Size	Dimension E to E	Approx. Weight (Lbs.)	Ductile Iron	
				Part #	Price/E
2"	1 1/2"	2.5	0.9	RAGG20150	\$26.25
2 1/2"	2"	2.5	1.1	RAGG25020	27.45
3"	2"	2.5	1.2	RAGG3020	26.25
3"	2 1/2"	2.5	1.5	RAGG30250	32.45
4"	2"	3.0	2.2	RAGG4020	38.60
4"	2 1/2"	3.0	2.4	RAGG40250	40.55
4"	3"	3.0	2.4	RAGG4030	43.25
5"	4"	3.5	4.4	RAGG5040	69.90
6"	2"	4.0	4.0	RAGG6020	78.65
6"	2 1/2"	4.0	4.4	RAGG60250	90.30
6"	3"	4.0	4.6	RAGG6030	82.40
6"	4"	4.0	7.0	RAGG6040	82.40

R

End Caps ANSI Cap with Tapped Outlet - Series EC

Feature:

- ductile iron construction with rust inhibiting paint



Nominal Size	Outlet	Dimension E to E	Approx. Weight (Lbs.)	Ductile Iron	
				Part #	Price/E
2"	1"	7/8"	.50	EC201	\$31.30
2½"	1"	7/8"	.70	EC251	40.30
3"	1"	7/8"	1.05	EC301	40.30
4"	1"	1"	2.30	EC401	43.85
4"	2"	1"	2.10	EC402	39.85
6"	1"	1"	5.10	EC601	99.05
6"	2"	1"	5.35	EC602	105.20
8"	2"	1-3/16"	10.10	EC802	202.15



Blank Caps - Series BE

Features:

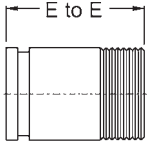
- Comperable to:
Victaulic's #60
Grinnell's #7074
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved



Nominal Size	Dimension E to E	Approx. Weight (Lbs.)	Ductile Iron	
			Part #	Price/E
2"	7/8"	.6	BEC20	\$27.45
2½"	7/8"	.7	BEC25	36.20
3"	7/8"	1.1	BEC30	37.45
4"	1"	2.6	BEC40	38.70
6"	1"	5.0	BEC60	96.75
8"	1-3/16"	11.0	BEC80	178.50

Adapter Nipples

Long Pipe Style Nipples - Series AN



Nominal Size	Dimension E to E	Carbon Steel	
		Part #	Price/E
2"	4"	A712	\$48.65
2½"	4"	A7125	57.05
3"	4"	A713	88.60
4"	6"	A714	115.80
5"	6"	A715	185.00
6"	6"	A716	205.00

Grooved End x Weld Nipples



Nominal Size	Aluminum		Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	AVN2000-200	\$18.50	VN2000-200	\$19.15	VNR2000-200	\$27.90
2½"	AVN2500-200	31.50	VN2500-200	21.70	VNR2500-200	28.80
3"	AVN3000-200	24.10	VN3000-200	24.25	VNR3000-200	35.70
4"	AVN4000-200	42.30	VN4000-200	37.10	VNR4000-200	52.50

Grooved End Iron **Butterfly** Valves

Application:

designed for water and air applications

Features:

- EPDM seals
- working pressure: **300 PSI**
- maximum temperature: **210°F**
- material:
 - body: ductile iron, epoxy coated
 - disc: ductile iron, EPDM encapsulated
 - stem: stainless steel
 - notch plate: zinc plated steel

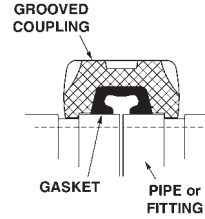


Size	Iron	
	Part #	Price/E
2"	GIBFV200	\$218.00
2½"	GIBFV250	250.00
3"	GIBFV300	350.00
4"	GIBFV400	430.00
6"	GIBFV600	810.00
8"	GIBFV800	1010.00

R

Gaskets

- check gasket color code to be certain it is recommended for the service intended
- use lubricant on gasket
- for services not listed contact Dixon for recommendations



FKM

Size	Part #	Price/E
2"	G200V	\$38.35
3"	G300V	57.05
4"	G400V	79.45
6"	G600V NEW	110.95
8"	G800V NEW	188.50
10"	G1000V NEW	233.95
12"	G1200V NEW	295.55


Features:

- compound type: Fluoro Elastomer
- temperature range: **-13°F to 350°F**
- color code: black with blue stripe
- resistant to oxidizing acids, petroleum oils, hydraulic fluids, halogenated hydrocarbons and lubricants

EPDM

Size	Part #	Price/E
1½"	G150E	\$34.60
2"	G200E	9.25
2½"	G250E	11.10
3"	G300E	12.30
4"	G400E	17.90
5"	G500E	65.75
6"	G600E	32.30
8"	G800E	52.60
10"	G1000E NEW	67.00
12"	G1200E NEW	91.00


Features:

- compound type: EPDM
- temperature range: **-22°F to 230°F**
- color code: black with green stripe
- for water, dilute acids, alkalies, salts, and many chemical services not involving hydrocarbons, oils, or gases.
- excellent oxidation resistance
- *Not for use with hydrocarbons* 

Buna-N

Style	Black Buna with orange stripe		White Buna Gruvlok seal	
	Part #	Price/E	Part #	Price/E
1½"	G150T	\$34.60	---	---
2"	G200T	9.25	---	---
2½"	G250T	11.10	---	---
3"	G300T	12.30	---	---
4"	G400T	17.90	G400N	\$36.50
5"	G500T	65.75	---	---
6"	G600T	32.30	---	---
8"	G800T	52.60	---	---
10"	G1000T NEW	67.00	---	---
12"	G1200T NEW	91.00	---	---

Features:

- compound type: Buna-N
- temperature range: **-24°F to 176°F**
- for petroleum products, vegetable oils, mineral oils, and air contaminated with petroleum oils.
- *Not for use in hot water services* 

Nuts and Bolts

Bolt Thread	Bolt Length	Torque Ft. Lbs.	Carbon Steel	
			Part #	Price/E
3/8"	2"	30	BLT38200	\$5.95
3/8"	2¼"	30	BLT38225	19.30
1/2"	2½"	50	BLT50212	5.95
1/2"	2¾"	50	BLT50234	8.15
1/2"	3"	50	BLT50300 NEW	9.80
5/8"	3¼"	75	BLT58314	5.35
3/4"	4¼"	75	BLT75414	17.50
7/8"	5"	200	BLT78500	18.50

Features:

- the nuts are a heavy hexagon design
- electroplated carbon steel
- The bolts are specifically designed for use with the couplings on pages 732-735.


Standards:

- conform to ASTM A183

R

Groove Lube

Features:

- water soluble
- non-toxic
- non-corrosive
- non-flammable
- NSF approved for use with potable water
- *Should not be used with HDPE pipe.* 



Size	Container	Part #	Price/E
1 qt.	Tub	GROOVLUB32	\$263.00

3" Drop Elbows (Tight Fill Couplers)

Complete Units

Features:

- aluminum body
- brass handle and cam arms with buna gasket
- steel bolts on inlet end
- plexiglass sight flow insert with buna seals

Coupler Size	Inlet	Aluminum	
		Part #	Price/E
3"	3" male adapter	300300MAE	\$694.00
3"	4" male adapter	3004030MAE	726.00

Coupler Body



plunger type handle

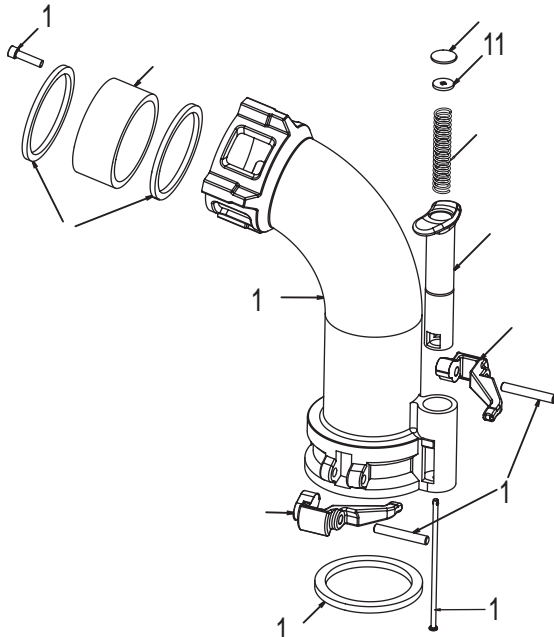
Size	Aluminum	
	Part #	Price/E
3"	300-TFG	\$650.00

Inlet Ends



Inlet	Inlet	Aluminum	
		Part #	Price/E
3"	male adapter	300-MAE	\$71.00
4"	male adapter	4030-MAE	105.00

Parts List



Item #	Description	Part #	Price/E
1	screw-inlet end	P3-TFG-1	\$1.50
2	plexiglass-shell only	P3-TFG-2	33.00
3	plunger	P3-TFG-3	67.00
5	plunger cap	P3-TFG-5	5.50
6	spring	P3-TFG-6	6.80
7	plexiglass gasket	P3-TFG-7	3.50
8	right cam arm	P3-TFG-8	56.00
9	left cam arm	P3-TFG-9	56.00
10	rod	P3-TFG-10	11.50
11	disc	P3-TFG-11	9.50
12	pin	300-P	2.25
13	coupler gasket	300-G-BU	1.55
14	body	P3-TFG-13	---

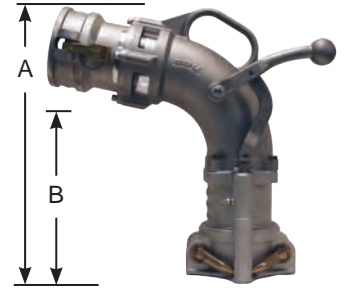
4" Drop Elbows (Tight Fill Couplers)

Features:

- cast aluminum modular construction
- brass handle and cam arms with buna gasket
- stainless steel bolts on inlet end
- acrylic sight glass with buna seals
- for information on additional elbow configurations such as pre-assembled elbows, contact Dixon

side lever type handle

Size	Inlet	A Overall Height	B Ground Clearance	Aluminum	
				Part #	Price/E
4"	elbow only, <i>without inlet connection</i>	17¾"	10-7/8"	6200	\$933.70
4"	elbow with 4" adapter inlet	17¾"	10-7/8"	6200A	1049.55
4"	elbow with anti-spill sleeve, <i>without inlet connection</i>	17¾"	10-7/8"	6200T	1016.40
4"	elbow with 4" coupler inlet	17¾"	10-7/8"	6200D	1134.25



drop elbow with side lever with 4" coupler inlet

side lever type handle - extended body

Size	Inlet	A Overall Height	B Ground Clearance	Aluminum	
				Part #	Price/E
4"	tall elbow only, <i>without inlet connection</i>	21"	13¾"	6200X	\$1042.50
4"	tall elbow with 4" adapter inlet	21"	13¾"	6200XA	1175.90
4"	tall elbow with anti-spill sleeve, <i>without inlet connection</i>	21"	13¾"	6200XT	1131.10
4"	tall elbow with 4" coupler inlet	21"	13¾"	6200XD	1249.30



drop elbow with side lever without inlet connection

Self-Locking

Size	Inlet	A Overall Height	B Ground Clearance	Aluminum	
				Part #	Price/E
4"	tightfill elbow with locking handle	17¾"	10-7/8"	6500	\$988.35
4"	tightfill elbow with locking handle and 4" adapter inlet	17¾"	10-7/8"	6500A	1042.75



self-locking drop elbow - no inlet

Inlet Ends

Feature:

- replacement parts are available, contact Dixon for more information

Inlet Size	Inlet	Aluminum	
		Part #	Price/E
3"	male adapter	6000-16	\$99.90
4"	male adapter	6000-17	99.90
3"	female coupler	6000-15	183.15
4"	female coupler	6000-14	183.15
4"	female with FNPT	6000-20	100.05



Top Side Lever Elbow Fits 6200 Elbow Only

- For replacement parts for other style elbows, contact Dixon.

Bill Of Materials

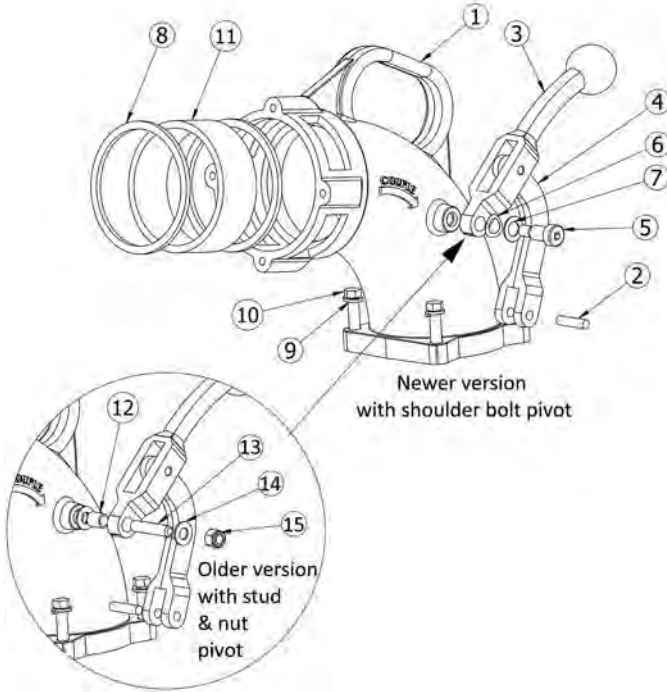
Item #	Description	Part #	Price/E	Qty
1	body	6200-1	\$193.90	1
2	pin	PIN5/16x11/4P	3.10	2
3	handle	use kit 6200-15ASSM	---	1
4	handle linkage	use kit 6200-15ASSM	---	1
5 ¹	shoulder bolt	use kit 6200SBK¹	---	1
6 ¹	wave washer	use kit 6200SBK¹	---	1
7 ¹	SS flat washer	use kit 6200SBK¹	---	1
8A	Baylast™ gasket	4433	10.05	2
8B	FKM gasket (opt.)	4426	12.40	2
9	lock washer	use kit 6000EHK	---	4
10	bolt	use kit 6000EHK	---	4
11	sight glass	use kit 6200SGK	---	1
12 ²	bushing	use kit 6200SHK²	---	1
13 ²	stud	use kit 6200SHK²	---	1
14 ²	nylon washer	use kit 6200SHK²	---	2
15 ²	nut	use kit 6200SHK²	---	1

¹ items 5 - 7 for shoulder bolt pivot version only

² items 12 - 15 for stud and nut pivot version only

Repair Kits

Part #	Description	Includes	Price/E
6200SGK	replacement sight glass and Baylast™ seals	8, 11	\$54.05
6000EHK	replacement bolts and lock washers	9, 10	9.10
6200-15ASSM	replacement handle, linkage and pin	2, 3, 4	58.00
6200SHK²	replacement stud pivot, nylon washers, bushing and nut	5, 6, 7	16.95
6200SBK²	replacement stud pivot, nylon washers, bushing and nut	12, 13, 14, 15	5.30



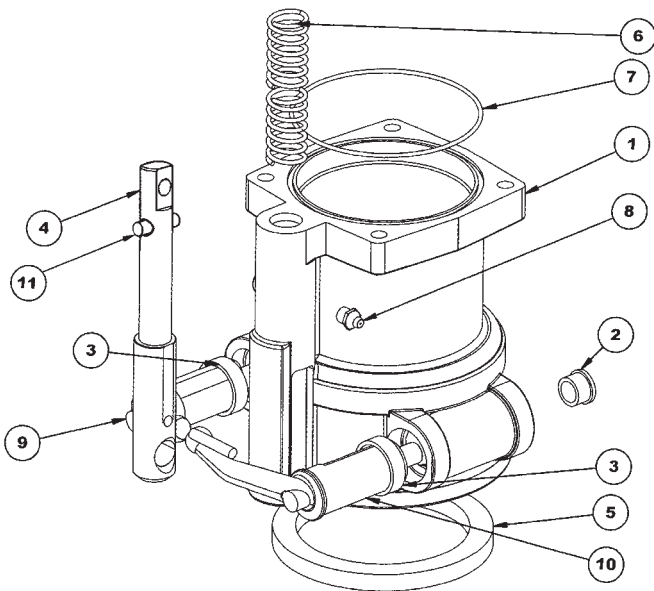
Bottom Unit, for Side Lever Elbows Fits 6200, 6400 and 6500 Standard and Tall Elbows

Bill Of Materials

Item #	Description	Part #	Price/E	Qty
1	body	use kit 6230	---	1
2	small bushing	use kit 6200BK	---	2
3	large bushing	use kit 6200BK	---	2
4A	handle stem (standard)	6200-7	\$75.95	1
4B	handle stem (tall)	6200-7X	94.40	1
5	main gasket	6000-9	8.40	1
6	spring	112012	6.10	1
7	O-ring	AS156	2.80	1
8	grease nipple	NIPPLE/1	7.10	1
9	right arm	use kit 6200ARK	---	1
10	left arm	use kit 6200ARK	---	1
11	pin	PIN5/16x11/4P	3.10	1

Repair Kits

Part #	Description	Includes	Price/E
6230	complete standard replacement bottom unit	all	\$442.85
6230X	complete tall replacement bottom unit	all	520.05
6200ARK	replacement left and right arms, main gasket, O-rings, small and large bushings	2, 3, 5, 7, 9, 10	145.85
6200BK	replacement small and large bushings	2, 3	44.10



S

Vapor Recovery Drop Elbows

Features:

- for use in two point vapor recovery systems
- one-piece bronze locking arms housed in polymer bushings
- advanced design side lever locking system
- Buna seals and stainless steel hardware
- bolt on 3" male outlet included (**VR6000-6**) which can be rotated for extended life
- lubrication fitting on locking stem
- see 6400 series co-axial elbow for single point vapor recovery on page 744



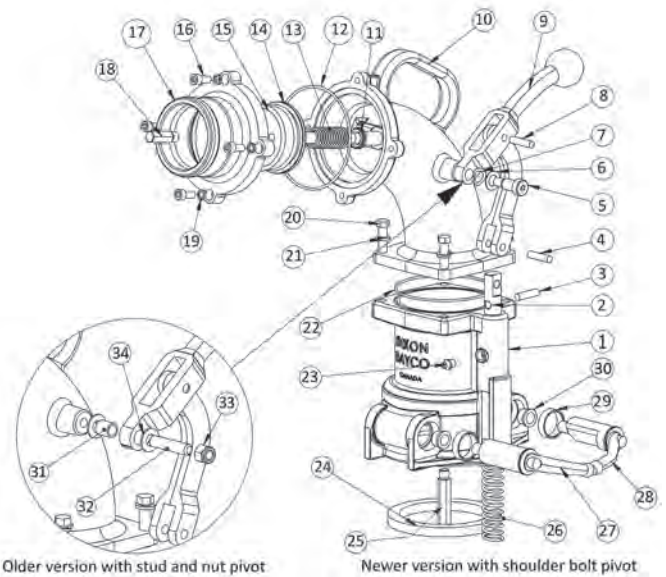
Description	Aluminum	
	Part #	Price/E
3" male adapter with probe, without poppet valve	VR6200NP	\$732.80
3" male adapter outlet with probe and poppet valve	VR6200	834.35

VR6200 Series Vapor Elbows

Bill Of Materials

Item #	Description	Part #	Price/E	Qty
1	bottom body	use kit VR6030	---	1
2	stem	6200-7	\$71.55	1
3	stem stop pin	PIN5/16X1¼-P	POR	1
4	stem link pin	PIN5/16X1¼-P	POR	1
5 ¹	shoulder bolt pivot	use kit 6200SBK ¹	---	1
6 ¹	SS flat washer	use kit 6200SBK ¹	---	1
7 ¹	wave washer	use kit 6200SBK ¹	---	1
8	handle pin	PIN 5/16X1¼-P	POR	1
9	handle and linkage	use kit 6200-15ASSM	---	1
10	top elbow body	VR6000-1	204.20	1
11	poppet bushing	VR6000-3	13.10	1
12	outlet O-ring only	110319	2.80	1
13	poppet spring	L1110-L2287	18.85	1
14	FKM poppet seal	O-RING-AS-334	11.85	1
15	poppet valve	VR6000-4	61.00	1
16	outlet adapter bolt	use kit 6000NPHK	---	4
17	outlet adapter with outlet O-ring	VR6000-6	63.35	1
18	poppet valve stand off	VR6000-5	13.25	1
19	lock washer	use kit 6000NPHK	---	4
20	bolt	use kit 6000EHK	---	4
21	lock washer	use kit 6000EHK	---	4
22	body O-ring	AS156	2.80	1
23	grease nipple	NIPPLE/1	6.65	1
24	main seal gasket	6000-9	8.40	1
25	probe	VR6000-7	10.05	1
26	stem spring	112012	6.10	1
27	left arm	VR6000-9	77.15	1
28	right arm	VR6000-8	77.15	1
29	large bushing	use kit 6200BK	---	2
30	small bushing	use kit 6200BK	---	2
31 ²	pivot bushing	use kit 6200SHK ²	---	1
32 ²	pivot stud	use kit 6200SHK ²	---	1
33 ²	pivot lock nut	use kit 6200SHK ²	---	1
34 ²	nylon washer	use kit 6200SHK ²	---	2

¹ items 5 - 7 for shoulder bolt pivot version only
² items 12 - 15 for stud and nut pivot version only

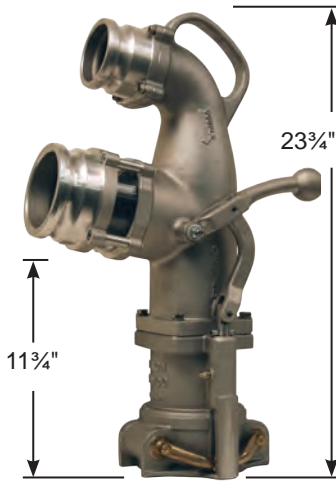


Repair Kits

Part #	Description	Includes	Price/E
VR6230	complete replacement bottom body	1, 2, 3, 22, 23, 24, 25, 26, 27, 28, 29, 30	\$461.00
6200SBK ¹	replacement shoulder bolt pivot, wave washer and flat washer	5, 6, 7	5.30
6200-15ASSM	replacement handle, linkage and linkage pin	8, 9	58.00
6000NPHK	replacement adapter (4) bolts and lock washers	16, 19	6.20
6000EHK	replacement body bolts and lock washers	20, 21	9.10
6200BK	replacement (2) large and small arm bushing	29, 30	44.10
6200SHK ²	replacement stud pivot, nylon washer, bushing and nut	31, 32, 33, 34	16.95

S

Coaxial Drop Elbow

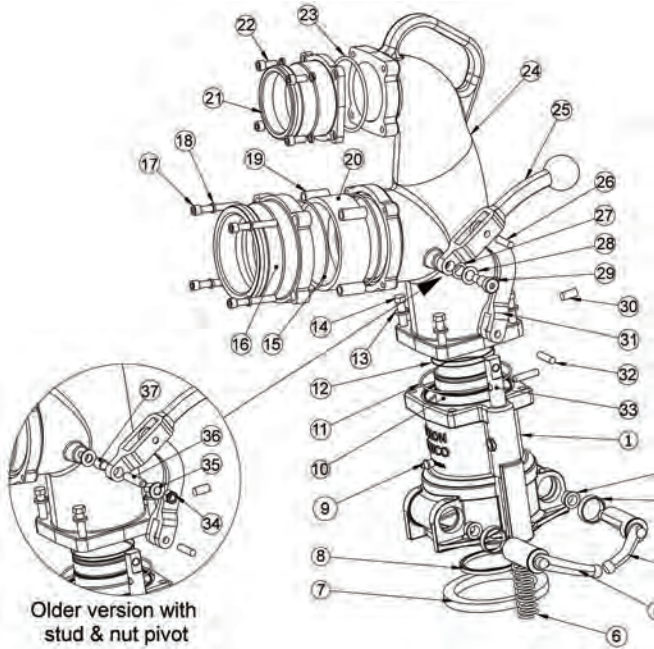


Features:

- for single point vapor recovery only
- 3" male vapor outlet (top)
- comes assembled with 4" male inlet
- quality cast aluminum construction with solid bronze arms
- bolt-on inlets/outlets for easy, fast replacement
- acrylic sight glass with buna seals
- replacement parts are available, please contact Dixon
- 6400 co-axial inlets do not fit our other elbow series

Inlet	Outlet	Part #	Aluminum	Price/E
4" male	3" male vapor	6400		\$1363.95

6400 Series Coaxial Drop Elbows



Repair Kits

Part #	Description	Includes Item #	Price/E
6230	complete standard replacement bottom unit	1-7, 9, 11, 32, 33A	\$442.85
6230X	complete tall replacement bottom unit	1-7, 9, 11, 32, 33B	520.05
6400ARK	replacement L & R arms, main gasket, O-rings, small & large bushings	2-5, 7, 8, 11, 12	186.80
6200BK	replacement small & large bushings	2, 3	44.10
6400SGK	replacement sight glass and seal	15, 20	50.60
6200-15ASSM	replacement handle, lever and pin	25, 26, 31	58.00
6000EHK	replacement bolts and washers	13, 14	9.10
6400-DTK	replacement tube, O-ring & U cup seal	8, 10, 12	114.35
6200SHK	replacement pivot stud, bushing, washer and lock nut	34-37	16.95
6200SBK	replacement shoulder bolt pivot, wave washer and flat washer	27-29	5.30

Coaxial Drop Elbow Replacement Fuel Inlets

S



Features:

- for use with 6400 series coaxial elbows only
- rated for petroleum service, Ethanol to E100 and biodiesel to B20

Description	Part #	Aluminum	Price/E
3" adapter fuel inlet	6000-16C		\$74.70
4" adapter fuel inlet	6000-17C		74.70
3" coupler fuel inlet	6000-15C		138.05
4" coupler fuel inlet	6000-14C		131.95

Side Seal Drop Elbow

Features:

- for use with special 4" side seal style fill collars only
- modular, easy to repair, bolt together aluminum construction
- comes with acrylic sight glass with buna seals (2), bronze locking levers and buna main seal
- 4" male adapter inlet and lock ring installed
- replacement parts are available, please contact Dixon



Description	Part #	Aluminum	
			Price/E
side seal elbow with lock ring and 4" male adapter inlet	6000ASAL		\$829.75

Side Seal Adapter

Features:

- allows conventional elbows to be used with special side seal style fill collars
- bottom connects to side seal fill collar
- top section with standard 4" top seal collar profile to accept clamping of standard 4" drop elbows
- replacement parts are available, please contact Dixon



Description	Part #	Aluminum	
			Price/E
4" top seal drop elbow adapter x side seal connection	6000-SSA		\$377.15



Tank Truck Flanged Sight Flow Indicators

Features:

- Due to the proprietary blending of petroleum products, Dixon recommends that thermoplastic tubing and gaskets be immersion tested in the product to be handled to ensure compatibility (not compatible with crude oil).
- for tank truck flange gaskets, see page 54
- for dimensional information on tank truck flange drilling, see page 822
- maximum flange bolt torque is 200 in-lb (inch pounds)



Features:

- durable cast aluminum housing, replaces competitions all acrylic sight glass as commonly found on tank trucks
- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- low cost sight glass tube can be easily replaced

TTMA pattern flanged short sight flow indicators



Size	Width	Aluminum	
		Part #	Price/E
4"	1 3/4"	5200-SFI	\$180.95
3"	1 3/4"	5200-SFI-3	165.55

repair kits

Part #	Description	Price/E
5200-SFI-3-RK1	3" replacement sight glass, Baylast™ O-ring and retainer ring kit	\$80.75
5200-SFI-3V-RK1	3" replacement sight glass, FKM O-ring and retainer ring kit	149.60
5200-SFI-RK1	4" replacement sight glass, Baylast™ O-ring and retainer ring kit	80.75
5200-SFIV-RK1	4" replacement sight glass, FKM O-ring and retainer ring kit	149.60

Features:

- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- larger ID 4-3/8" flow indicator allows tank truck flanged butterfly valves to connect to either end of the indicator
- pressure rating: **150 PSI**

sight flow indicator with 4-3/8" flow



Size	Width	Aluminum		Opt Qty
		Part #	Price/E	
4"	3 1/4"	5201-SFI	\$256.25	5

replacement parts

Description	Used on	Part #	Price/E
replacement Baylast O-rings, sight glass and retaining ring	5201-SFI	5201-SFI-RK1	\$84.45
Buna-N O-ring		O249BU	4.75

Features:

- allows for visual identification of the fuel grade prior to opening the valve
- 4" flow diameter

sight flow indicator with 4" flow



Size	Aluminum		Opt Qty
	Part #	Price/E	
4"	4-1460-AL	\$190.10	10

replacement parts

Description	Part #	Price/E	Opt Qty
plexiglass insert	4PSG	\$84.00	10
Buna-N O-ring	O246BU	4.25	10

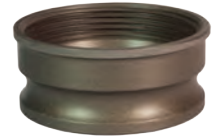
S

Fill Pipe Adapters TFA Series Adapters

Feature:

- for use with 3" drop elbows (300-TFG)

Adapter Size	Female NPT	Aluminum Hardcoat Part #	Price/E	Opt Qty
3"	3"	300-TFA	\$62.65	10



Fill Adapters

Features:

- for use with 4" drop and co-axial elbows (6200, 6400 and 6500 series)
- **BZ4051S** has NPSM thread and is supplied with a gasket

Adapter Size	Female Thread	Height	Material	Part #	Price/E	Opt Qty
4"	4" NPSM	2 ⁵ / ₈ "	bronze	BZ4051S	\$110.55	5
4"	4" NPT	3 ¹ / ₂ "	bronze	BZ4051	132.50	5



with NPSM thread



with NPT thread

Vapor Recovery Adapters

Features:

- for use with dual point vapor elbows (VR6200 series)
- can also be used as vapor valve on tanker but does not have air interlock mount
- popped vapor collar at station vapor outlet
- low profile design
- replacement parts are available, contact Dixon for more information

Adapter Size	Female Thread	Height	Material	Part #	Price/E	Opt Qty
4"	4" NPT	3 ⁵ / ₈ "	bronze	VR4086	\$313.25	5
4"	4" NPT	3 ⁵ / ₈ "	ZN-AL alloy	VR4086-BY	246.60	5



Fill Pipe Adapter Caps

Features:

- single action aluminum locking cap
- bronze cam arms
- replacement parts are available, contact Dixon for more information

Size	Aluminum Part #	Price/E	Opt Qty
4"	SA4050AL	\$106.10	10



S

API Dust Caps



with cam arms



with locking arms

Size	Description	Aluminum		Opt Qty
		Part #	Price/E	
4" API	with flat Buna gasket and brass cam arms	41450-DCAL	\$159.00	5
	with O-ring Baylast™ seal and brass cam arms	5000-24	127.90	10
	NEW with locking arms	5000-24L	131.85	1

Size	Description	Nylon		Opt Qty
		Part #	Price/E	
4" API	with flat Buna seal and plated steel pad lockable roller lever	5000-25	\$90.85	20

Repair Kits

Part #	Description	Item #	Price/E
4500RK	replacement cam arms, pins and Baylast™ O-ring seal (standard)	2, 3, 4A	\$27.60
4500RK-V	replacement cam arms, pins and FKM O-ring seal (optional)	2, 3, 4B	48.30
5205-RK4	replacement 18" chain and S hook	5	11.10

Gravity Drop Adapters

Application:

- for offloading through an API adapter



4540



4540SG

Adapter Size	Coupler Size	Description	Aluminum	
			Part #	Price/E
3"	4" API	with Baylast™ O-ring seal	4530	\$202.00
3"	4" API	with inline sight glass and Baylast™ flat gasket	4530SG	257.00
3"	4" API	with flat Buna gasket	31440-225AL	183.80
4"	4" API	with Baylast™ O-ring seal	4540	202.00
4"	4" API	with inline sight glass and Baylast™ flat gasket	4540SG	259.45
4"	4" API	with flat Buna gasket	41440-225AL	189.60

repair kits

Description	Part #	Price/E
sight glass repair kit (fits 3" and 4")	4540SG-RK1	\$67.55
replacement cam arms and pins (fits 3" and 4")	4540SG-RK3	30.80
replacement chain and "S" hook	5205-RK4	11.10

replacement gaskets

Description	Material	Part #	Price/E
O-ring replacement seal for 4530, 4540, 5000-24	Baylast	4500-5	\$7.30
flat replacement gasket for 4530SG, 4540SG	Baylast	4540SG-RK2	8.80
flat replacement gasket for 31440-225AL, 41440-225AL, 41450-DCAL	Buna	2143SEALBU	13.00
flat replacement gasket for 5000-25	Buna	5000-25RK1	17.15

4" Vapor Caps

Features:

- special locking cap for underground tank vapor outlet, VR4086, and tanker vapor valves
- bronze cam arms
- aluminum painted vapor recovery orange



Size	Aluminum	
	Part #	Price/E
4"	VR4050AL	\$108.40

Features:

- centered 'T' handle allows for one-handed use and provides a solid locking mechanism
- strong and lightweight
- built-in locking feature
- corrosion resistant materials
- color coded vapor recovery orange
- replacement parts are available, contact Dixon for more information



Size	Nylon	
	Part #	Price/E
4"	VR4050PL	\$66.75

S

Dust Caps and Plugs with Pull Handles for Hose Tubes

Features:

- Pull handles make it easier for tanker operators to remove delivery hoses from the storage tubes; the operator simply grabs the handle and easily pulls the hose out of the storage tube.
- Rugged aluminum constructed parts protect the hose coupling and adapter from damage during transportation and the removal of hoses from the hose storage tube.
- Prevents possible environmental issues due to leaking residue left in an open hose

Materials:

- aluminum body, brass cam arms (dust caps), Buna seals



400-DC-ALPH



400-DP-ALPH

Part #	Description	Price/E
300-DC-ALPH	3" aluminum dust cap with pull handle	\$79.80
300-DP-ALPH	3" aluminum dust plug with pull handle	51.50
400-DC-ALPH	4" aluminum dust cap with pull handle	91.85
400-DP-ALPH NEW	4" aluminum dust plug with pull handle	42.15



Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.



Tank Transport Equipment Fusible Pipe Caps



female NPSM

Size	Stainless Steel ¹		Opt Qty	Aluminum		Opt Qty	Iron		Opt Qty
	Part #	Price/E		Part #	Price/E		Part #	Price/E	
3"	300-SFC-SS	\$116.00	10	300-SFC-AL	\$114.95	10	300-SFC-MI	\$110.00	10

Pipe Caps



female NPSM

Size	Stainless Steel ¹		Opt Qty	Aluminum		Opt Qty	Iron		Opt Qty
	Part #	Price/E		Part #	Price/E		Part #	Price/E	
2"	200-PC-SS	\$121.00	--	---	---	--	200-PC-MI	\$40.00	---
3"	300-PC-SS	89.75	10	300-PC-AL	\$44.75	10	300-PC-MI	50.40	10
4"	400-PC-SS	248.00	--	---	---	--	---	---	---

Reducers

female NPSM x male NPT



Female NPSM	Male NPT	Stainless Steel ¹		Opt Qty	Aluminum		Opt Qty	Iron		Opt Qty
		Part #	Price/E		Part #	Price/E		Part #	Price/E	
3"	2"	3020-RD-SS	\$140.00	10	3020-RD-AL	\$67.60	10	3020-RD-MI	\$58.00	10
4"	3"	4030-RD-SS²	570.00	---	4030-RD-AL	128.00	---	---	---	---

² welded fabrication

Reducing Cap

female NPSM x female NPT



Size	Stainless Steel ¹		Opt Qty
	Part #	Price/E	
3" x 1"	3010-RC-SS	\$196.00	10

¹ PTFE gaskets are standard in stainless steel fittings.

Gaskets and Washers

Size	Buna-N		Opt Qty	PTFE		Opt Qty	Neoprene		FKM	
	Part #	Price/E		Part #	Price/E		Part #	Price/E	Part #	Price/E
1½"	---	---	--	150GPCTF	\$5.70	--	---	---	---	---
2"	200GPCBU	\$2.10	25	200GPCTF	4.95	10	KNW25	\$0.85	KVW25	\$10.10
3"	300GPCBU	2.35	25	300GPCTF	6.45	25	KNW35	1.35	KVW35	21.85
4"	---	---	--	400GPCTF	15.00	--	KNW40	2.15	---	---

Tank Transport Equipment - Intermodal Pipe Caps



female BSPP

Size	Aluminum		Stainless Steel ¹		Opt Qty
	Part #	Price/E	Part #	Price/E	
3"	300PCALAP	\$59.95	300PCSSAP	\$102.50	10

Thread Adapters

female BSPP x male NPT



Female BSPP	Male NPT	Stainless Steel ¹	
		Part #	Price/E
3"	2"	3020RDSSAP	\$175.00
3"	3"	3030RDSSAP	255.00

Cam and Groove Adapter

female BSPP



Size	Stainless Steel ¹	
	Part #	Price/E
3"	300ASSAP	\$152.00

¹ PTFE gaskets are standard in stainless steel fittings.

S

Bayonet Style Dry Disconnect Couplings

Application:

Bayonet dry disconnect fittings are ideally suited for the spill-less transfer of petroleum products such as fuel oil, lube oil blending, and tank truck delivery. The design of the Bayco bayonet dry disconnect system ensures a spill free connection, fluid cannot flow until couplings are connected together and the valve is opened. The coupling can then not be disconnected until the valve handle is closed.

Feature:

- Maximum operating pressure: **85 PSI @ 70° F**, for pressure ratings at other temperatures contact Dixon.

Adapters bayonet style adapter x female NPT

Size	Seal Material	Stainless Steel		Brass		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	Buna	BA31-200	\$215.75	---	---	---	---
2"	FKM	BA32-200	215.75	---	---	---	---
3"	Buna	---	---	BA31-300	\$523.35	BA61-300	\$479.45
3"	FKM	---	---	BA32-300	523.35	BA62-300	479.45



Dust Cap for Adapters

Feature:

- rubber dust cap with stainless steel chain

Size	Part #	Price/E
2"	BAC-200	\$50.95
3"	BAC-300	56.65



Couplers

Feature:

- replacement parts are available, contact Dixon for more information

bayonet style 90° swivel coupler x female NPT

Size	Seal Material	Anodized Aluminum	
		Part #	Price/E
2"	Buna	BS61-200	\$864.95
2"	FKM	BS62-200	932.90
3"	Buna	BS61-300	1478.20
3"	FKM	BS62-300	1596.10



bayonet style straight coupler x female NPT

Size	Seal Material	Anodized Aluminum	
		Part #	Price/E
2"	Buna	BC61-200	\$687.20
2"	FKM	BC62-200	749.15



bayonet style straight swivel coupler x female NPT

Size	Seal Material	Anodized Aluminum	
		Part #	Price/E
2"	Buna	BSS61-200	\$864.95
2"	FKM	BSS62-200	932.90
3"	Buna	BSS61-300	1396.35
3"	FKM	BSS62-300	1516.20



S

Dust Plug for Couplers

Feature:

- rubber dust plug with stainless steel chain

Size	Part #	Price/E
2"	BCP-200	\$64.55
3"	BCP-300	73.45



Ball Nozzles for Bulk Delivery

Features:

- rugged construction high flow provides rapid fuel oil transfer/delivery
- heavy duty roller ball swivel with low temperature seals freely rotates without leaking at **-40°F** and **100 PSI**
- 3 PSI check valve is included to prevent back flow, 5 PSI is optional

ball nozzle with swivel adapter outlet

Female NPT Inlet	Outlet	Anodized Aluminum Part #	Price/E
1¼"	swivel quick fill nut	BL062	\$729.25
1½"	swivel quick fill nut	BL064	729.25

ball nozzle with spout outlet

Female NPT Inlet	Spout Outlet	Anodized Aluminum Part #	Price/E
1¼"	1¼"	BL066	\$729.25
1½"	1¼"	BL068	729.25
1½"	1½"	BL072	729.25

ball nozzle replacement spouts

Size	Aluminum Part #	Price/E
1¼"	1143A	\$55.50
1½"	1125A	60.40

ball nozzle without spout outlet

Female NPT Inlet	Female NPT Outlet	Anodized Aluminum Part #	Price/E
1¼"	1¼"	BL066NS	\$618.15
1½"	1¼"	BL068NS	619.20
1½"	1½"	BL072NS	618.15



BL062



BL072

repair kits

Description	Part #	Price/E
inlet swivel seal and wear kit	SWMF-RK2	\$54.25
complete inlet swivel rebuild kit	SWMF-RK3	118.80
1½" FNPT replacement inlet swivel	SWMF-RK4	208.95
1¼" FNPT replacement inlet swivel	SWMF-RK5	208.95
1½" BSPP replacement inlet swivel	SWMF-RK6	208.95
replacement swivel outlet (BL062, BL064)	BL005	100.95
ball valve shaft seal kit	BL-RK4	48.90
complete ball nozzle seal kit	BL-RK10	47.65
optional check valve 5 PSI spring kit	BL-RK11	20.60
standard check valve 3 PSI cartridge kit	BL-RK12	77.00

super ball nozzle with spout outlet

Female NPT Inlet	NPT Spout Outlet	Anodized Aluminum Part #	Price/E
2"	2"	BL920	\$840.05

super ball nozzle replacement spout

Size	Aluminum Part #	Price/E
2"	391137	\$84.45

repair kits

Description	Part #	Price/E
inlet swivel grease nipple kit (optional)	SWMF-RK1	\$16.25
inlet swivel seal and wear kit	SWMF-RK22	32.05
complete inlet swivel rebuild kit	SWMF-RK32	117.25
2" FNPT replacement inlet swivel	SWMF-RK42	240.25
1½" FNPT replacement inlet swivel	SWMF-RK52	240.25
ball valve shaft seal kit	BL-RK42	67.45
complete ball nozzle seal kit	BL-RK102	35.45
optional check valve 5 PSI spring kit	BL-RK112	9.50
standard check valve 3 PSI cartridge kit	BL-RK122	45.50
replacement trigger kit	BL-RK13	70.00



S

Gravity Utility Nozzles c

Application:

- for use with 12 volt pumps and gravity flow fittings in economy fuel dispensing applications

Features:

- manual operation (non-automatic)
- Underwriters Listed
- working pressure: **25 PSI**

Female NPT Inlet	Spout Outlet	Die Cast Zinc Aluminum Part #	Price/E
1"	1" outlet	900 ¹	\$69.50
1"	1" straight	900S	78.45
1"	1" bent	900B	78.45
1"	¾" straight	900W34S	78.43
1"	¾" bent	900W34B	78.43
¾"	¾" straight	900S34 ²	81.75
¾"	¾" bent	900B34 ²	81.75

¹ nozzle body only (no spout)

² ¾" nozzle inlet uses 1" x ¾" reducer bushing, supplied



replacement parts

Description	Part #	Price/E
¾" replacement straight spout	234-80-4	\$12.00
¾" replacement bent spout	234-80-5	18.20
1" replacement straight spout	875-4	12.25
1" replacement bent spout	875-5	13.00
trigger	900TK	5.05
plunger & valve assemblies, cap, O-ring	900SK	20.50

Pressure Nozzle for Bulk Delivery

Features:

- manual operation (non-automatic) for high pressures and fuel flow up to **100 GPM**
- easy opening dash pot design with shockless closing
- detachable trigger ratchet, packing gland and seal
- bronze trigger

without spout

Female NPT Inlet	Female NPT Outlet	GPM @ 10 PSI	Aluminum Part #	Price/E
1¼"	1¼"	80	114DNS	\$406.10
1½"	1½"	100	112DNS	367.50

with spout

Female NPT Inlet	Spout Outlet	GPM @ 10 PSI	Aluminum Part #	Price/E
1¼"	1¼"	80	114D	\$451.45
1½"	1½"	100	112D	394.75

replacement items

Description	Part #	Price/E
aluminum replacement spout for 114D	1143A	\$55.50
aluminum replacement spout for 112D	1125A	60.40
main poppet, 2nd poppet, cap O-ring, valve stem	112DSK	99.50
blank plate to replace ratchet plate if ratchet not required	114DAL-AV-19	24.75
main and secondary poppets, cap O-ring, valve stem assembly and packing, sleeve stem packing and nut	114DSK	124.40



Overwing Aircraft Nozzles

Features:

- manual operation (non-automatic) for high pressures and fuel flow up to 60 GPM at **20 PSI**
- easy opening dash pot design with shock-less closing
- detachable trigger ratchet, packing gland and seal
- bronze trigger and plastic guard pad to protect wing
- spout comes with cap, spring cord, fine mesh stainless steel screen filter and screw attachment for grounding cable (cable not supplied)

Female NPT Inlet	Spout Outlet	Aluminum Part #	Price/E
1¼"	1"	114DAVR	\$766.65
1¼"	1¼"	114D-AV	766.65
1½"	1¼"	114D-AV-06ASM	813.45

replacement items

Description	Part #	Price/E
trigger, bushing, pin and cotter pin	114/2D-TK	\$38.05
main & secondary poppet assemblies, cap O-ring, valve stem assembly	114DAV-SK	133.55
1" spout assembly	114DAL-AV-25	154.80
1¼" spout assembly	114DAL-AV-16	109.70



Large Capacity Low Pressure / Gravity Nozzle



Application:

rugged utility nozzle for low pressure/gravity applications

Features:

- rapid flow due to 1¼" oversize design
- maximum operating pressure: **25 PSI**

Female NPT Inlet	Spout Outlet	Aluminum Part #	Price/E
1¼"	1¼"	1250-94	\$259.30

repair kits

Description	Part #	Price/E
trigger, pin	1250TK	POR
plunger, O-rings, valve seal, valve base, valve plate	1250SK	POR

Hose Swivels

Features:

- for use with petroleum and home heating oil hose
- prevents hose twisting or kinking

Hose Shank



Male NPT	Shank Size	Bronze Part #	Price/E
1½"	1½"	1565U	\$153.20

repair kit

Description	Part #	Price/E
replacement seal kit and retaining ring	1500SK	POR

Heavy Duty

Features:

- male NPT x female NPT threaded connections
- heavy duty internal thrust bearing and anti-friction seal design ensures swiveling at **-40°F**
- can be lubricated without disassembly by using the optional grease fitting kit



Male NPT	Female NPT	Aluminum Part #	Price/E
1¼"	1¼"	SWMF125	\$204.70
1½"	1½"	SWMF150	204.70
2"	2"	SWMF200	228.75

repair kits

Description	Part #	Price/E
swivel grease nipple kit	SWMF-RK1	\$16.25
swivel seal and wear kit	SWMF-RK2	54.25
complete swivel rebuild kit	SWMF-RK3	118.80
swivel seal and wear kit	SWMF-RK22	32.05
complete rebuild kit	SWMF-RK32	117.25

Hose Swivels

Features:

- Allows the hose to relax to it's natural rest position while allowing freedom of movement without adding torque stress at the point of connection.
- simple design, low maintenance - consists of 2 body halves, ball bearings and a washer
- male NPT x female NPT threaded connections
- FKM seals standard, Chemraz® and Kalrez® optional
- working pressure: **150 PSI**
- maximum temperature: **300°F (149°C)**



Size	316 Stainless Steel		Aluminum	
	Part #	Price/E	Part #	Price/E
¾"	HS075SS	\$684.45	HS075AL	\$315.60
1"	HS100SS	684.45	HS100AL	315.60
1½"	HS150SS	713.60	HS150AL	370.55
2"	HS200SS	713.60	HS200AL	370.55
3"	HS300SS	1513.10	HS300AL	876.30
4"	HS400SS	2926.25	HS400AL	1695.40

S

Dixon Diesel and Gasoline Nozzles

FuelMaster™ Diesel Nozzles



Features:

- Provides the high flow capacity required by many truck stops and terminal operations.
- Micro-touch valve provides smooth operation and exceptional flow control.
- super tough nylon hand guard and hold-open clip
- easy to change 'locknut style' spout assembly
- green scuff guard

- automatic shutoff
- Underwriter's Listed
- not designed for use with small 12 volt pumps, AC utility pumps, farm pumps or consumer pumps
- *These nozzles are not to be used with gravity flow tanks.*



diesel nozzle
DFN100HF



diesel nozzle
DFN100SF

NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
1"	1-3/16"	3.5	30	DFN100HF	\$212.50
1"	1-3/16"	3.6	45	DFN100SF	295.50

Big Mouth™ Diesel Nozzle



Features:

- Micro-touch valve allows precise flow control
- Roto-matic latch pin provides positive auto shut-off
- pure PTFE packing eliminates stem leaks
- Super tough nylon hold-open clip and hand guard bend, but won't break.
- Snap-on handle cover makes changing scuff guards easy.

- yellow scuff guard
- automatic shutoff
- Underwriter's Listed
- not designed for use with small 12 volt pumps, AC utility pumps, farm pumps or consumer pumps
- *This nozzle is not to be used with gravity flow tanks.*



NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
1"	1 1/8"	3	20	DFN100	\$167.00

Farm and Consumer Nozzles



Features:

- Automatic fuel nozzle designed for use with small 12 volt and AC utility pumps as well as large farm and consumer pumps.
- Heavy duty, stronger and more secure hook makes it easy to hang the nozzle on the pump.

- black scuff guard on gasoline nozzle, green scuff guard on diesel nozzle
- Underwriter's Listed
- automatic shutoff
- *These nozzles are not to be used with gravity flow tanks.*



gasoline nozzle



diesel nozzle

NPT Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Service	Part #	Price/E
3/4"	13/16"	2 1/2	14	gasoline	DN7UOBF	\$120.80
3/4"	15/16"	2 1/2	14	diesel	DN7LOBF	120.80

DEF Automatic Shutoff Nozzle



Features:

- Automatic shutoff nozzle designed for diesel exhaust fluid.
- aluminum body double coated inside and out with PTFE baked on at 500°F

- stainless steel spout
- maximum operating pressure: **50 PSI**
- wetted parts: stainless, acetal, PTFE
- FKM-A seals



BSP Inlet	Spout Outlet	Weight (lbs)	Approximate Flow Rate at 20 PSI (GPM)	Part #	Price/E
3/4"	13/16"	2 1/2	14	DEFN075	\$484.85



Fuel Nozzle Part Number Cross Reference

Dixon	M. Carder	OPW	Emco	Husky	Catlow
DN7UOBF	N7UOBF	1AF-40FS	A2501F	XSF-33704	NENLF
DN7LOBF	N7LOBF	11APF-40FS	A2501LF	---	NELF
DFN100HF	N4-Fuelmaster	7H	A6000	V111-173310	MAX1
DFN100	N3-BigMouth	N/A	N/A	1HS.026810	MAC-1AH


Dixon High Flow Fuel Nozzles Fueler 100™ Nozzles



Application:

for fueling trucks, buses, off-road equipment and fuel oil delivery

Features:

- These nozzles are not to be used with gravity flow tanks. 
- machined grooves in the spout are designed to hold nozzle more securely in the fill pipe
- high flow, heavy duty automatic nozzle

NPT Inlet	Spout Size	Wt (lbs)	Approx. Flow Rate at 20 PSI (GPM)	Part #	Price/E
1½"	1¾"	6.9	50	DNOG6	\$766.80
	rebuilt Fueler 100™ nozzle			DNOG6RB	545.25

Dixon Diesel and Gasoline Nozzles Accessories

Single Plane Hose Swivels



Features:

- aluminum body
- brass hex nut prevents galling in the nozzle
- Viton® / Buna seals
- nylon cord retainer
- ¾" are Underwriter's Listed

Size	Part #	Price/E
¾" x ¾"	DAWS34	\$45.00
1" x 1"	DAWS10	70.25

Breakaways



Features:

- aluminum body
- brass break rings (2)
- Buna seals
- unique ball valves seal both ends when separated
- design provides consistent and reliable performance
- lightweight
- easy to repair
- ¾" are Underwriter's Listed

Size	Part #	Separation Force (Lbs)	Price/E
¾"	DAB34	325	\$68.60
1"	DAB1	325	141.00

Application:

Provides breakaway protection for high capacity fueling operations such as truck and bus terminals, mining, off-road fueling and fuel oil delivery.

Features:

- nickel plated aluminum body
- brass break rings: 4 in 1¼" and 1½"; 6 in the 2"
- Viton® / Buna seals
- check valve - PTFE ball seals both ends when separated

Size	Part #	Separation Force (Lbs)	Price/E
1¼"	DAB14	600	\$884.00
1½"	DAB15	600	884.00
2"	DAB2	800	1796.40

S

Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: **150 PSI** at ambient temperature (70°F)
- standard valve ports - female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon for details
- two ports - one inlet and one outlet

One-Way Valves with Female NPT ends

Size	Aluminum	
	Part #	Price/E
2"	1WAYBV200	\$790.00
3"	1WAYBV300	1050.00
4"	1WAYBV400	1520.00



One-Way with Socket Weld End to Schedule 40 Pipe

Size	Bore	Aluminum	
		Part #	Price/E
2"	2.390"	1WAYBV200SW	\$816.50
3"	3.530"	1WAYBV300SW	1085.75



One-Way with Grooved Ends

Size	Aluminum	
	Part #	Price/E
2"	1WAYBV200VIC	\$1080.00
3"	1WAYBV300VIC	1699.00



Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: **150 PSI** at ambient temperature (70°F)
- standard valve ports - female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon for details
- three ports - one inlet and two outlets, valve directs the flow from the inlet to either of the two outlets
- commonly used for switching compartments or tanks

Two-Way with Female NPT ends



Size	Aluminum	
	Part #	Price/E
2"	2WAYBV200	\$1100.00
3"	2WAYBV300	1370.00
4"	2WAYBV400	3070.00

Two-Way with Socket Weld End to Schedule 40 Pipe



Size	Bore	Aluminum	
		Part #	Price/E
2"	2.390"	2WAYBV200SW	\$1140.00
3"	3.530"	2WAYBV300SW	1464.25

Two-Way with Grooved Ends



Size	Aluminum	
	Part #	Price/E
2"	2WAYBV200VIC3	\$1490.00
3"	2WAYBV300VIC3	2495.00

S

Automatic Pressure / Vacuum Relief Caps

Features:

- normally closed, stops fuel evaporation and airborne contaminants
- lockable
- relieves both pressure and vacuum buildup in fuel tanks
- two styles available, choose for stationary or mobile fuel storage tanks as listed below



Note: Pressure/vacuum relief caps should be routinely inspected to ensure correct operation and particularly to ensure that the relieving components are free to move and that the air flow path is unblocked.

For stationary fuel tanks

Feature:

- relieves vacuum at .7 Hg (.33 PSI) and pressure at 2 PSI, 20 SCFM flow

Male NPT	Zinc	
	Part #	Price/E
2"	2000L	\$45.85
2½"	2500L	48.30



For mobile fuel tanks

Feature:

- relieves vacuum relief at 1" Hg (.5 psig), and pressure at between 7.5 and 9 psig

Male NPT	Zinc	
	Part #	Price/E
2"	200-PV-9	\$99.90



Standard Vent Cap

Features:

- allows venting of tank to atmosphere at all times
- also referred to as a breather cap
- aluminum body
- does not have pressure or vacuum valves

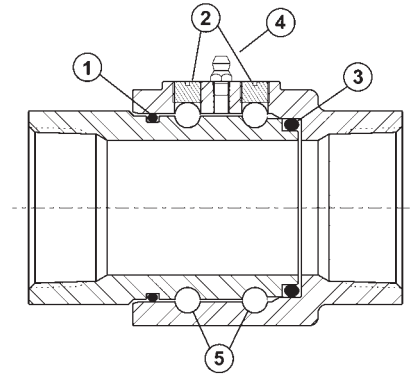
Male NPT	Aluminum	
	Part #	Price/E
2½"	2500SFV	\$43.20



O-Ring Swivel Joints

O-Ring Parts Identification List

- 1. O-ring (dust) seal
- 2. ball retainer screw
- 3. O-ring (pressure) seal
- 4. grease fitting
- 5. ball bearings



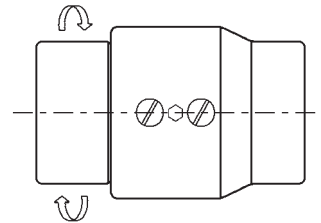
O-Ring Features:

- The O-ring pressure seal ensures a leak-proof seal at either high or low pressure and smoother rotation at lower torques than multiple seal designs.
- Spring-loaded PTFE pressure seals are available up through 3".
- Carbon steel and stainless steel O-ring type swivels provide greater strength and the corrosion resistance needed for lower torque applications.
- available in carbon steel, stainless steel, aluminum, brass and iron
- **100% full penetration welding available**

Single Plane O-Ring Style 20



320FXFAL

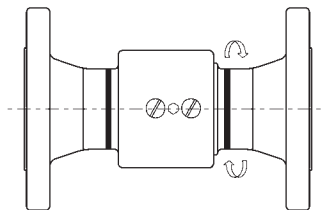


female NPT x female NPT
sizes 1" - 4"

**female NPT x female NPT
Buna-N seals
carbon steel ball bearings**

Size	Aluminum		Malleable Iron	
	Part #	Price/E	Part #	Price/E
1½"	15020FXFAL00000	\$270.70	15020FXFMI00000	\$342.60
2"	220FXFAL00000	376.15	220FXFMI00000	472.95
3"	320FXFAL00000	435.85	320FXFMI00000	701.10
4"	420FXFAL00000	649.90	---	---

- contact Dixon for additional sizes, materials and configurations

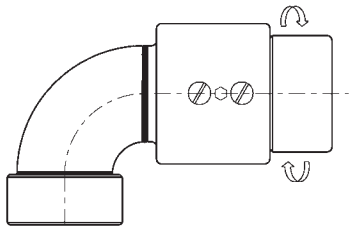


150# ASA flange x 150# ASA flange
sizes 1" - 4"

See page 765 for other options available.

O-Ring Swivel Joints

Single Plane O-Ring Style 30



female NPT x female NPT
sizes 1" - 4"

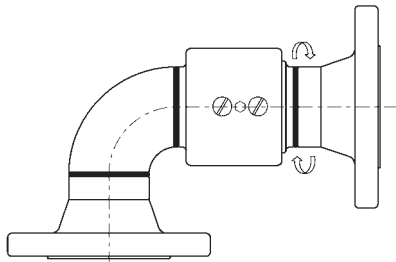


230FXFAL

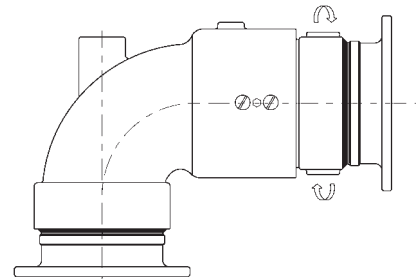
**female NPT x female NPT
Buna-N seals
carbon steel ball bearings**

Size	Aluminum		Malleable Iron	
	Part #	Price/E	Part #	Price/E
1½"	15030FXFAL00000	295.20	15030FXFMI00000	\$374.05
2"	230FXFAL00000	384.15	230FXFMI00000	519.70
3"	330FXFAL00000	519.70	330FXFMI00000	777.55
4"	430FXFAL00000	697.85	---	---

• contact Dixon for additional sizes, materials and configurations



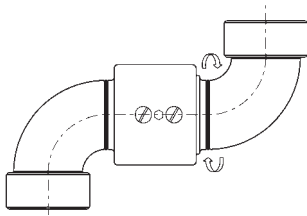
150# ASA flange x 150# ASA flange
sizes 1" - 4"



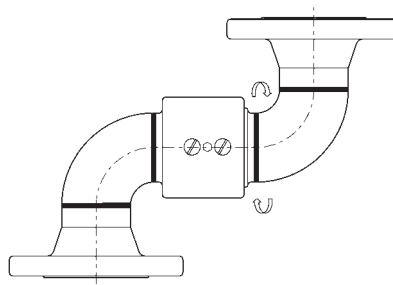
tank truck flange x tank truck flange
sizes 2" - 4"

See page 765 for other options available.

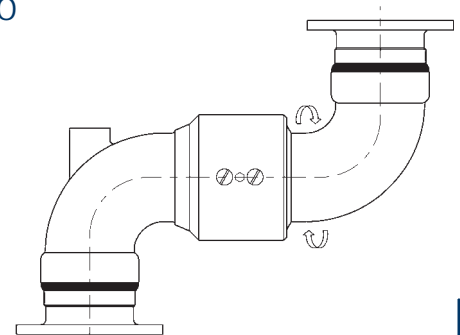
Single Plane O-Ring Style 40



female NPT x female NPT
sizes 1" - 4"



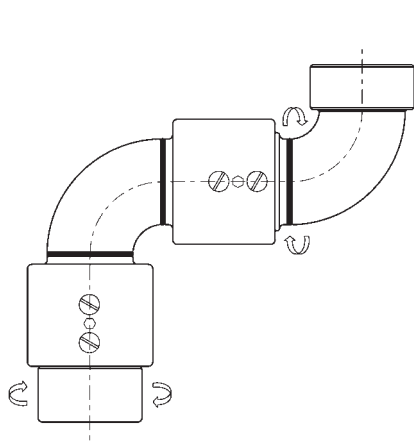
150# ASA flange x 150# ASA flange
sizes 1" - 4"



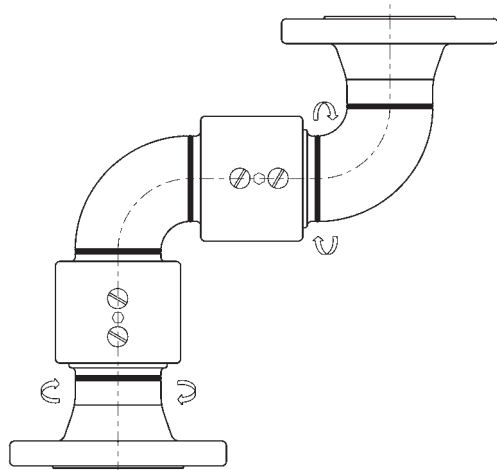
tank truck flange x tank truck flange
sizes 2" - 4"

T

Double Plane O-Ring Style 50

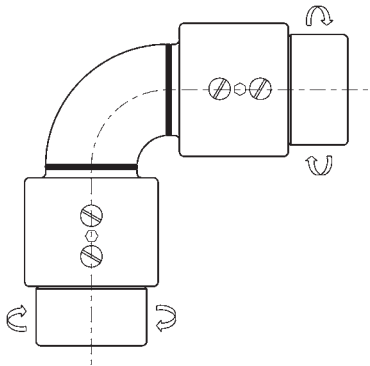


female NPT x female NPT
sizes 1" - 4"

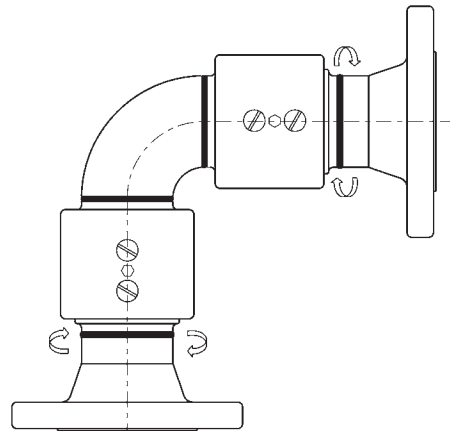


150# ASA flange x 150# ASA flange
sizes 1" - 4"

Double Plane O-Ring Style 60

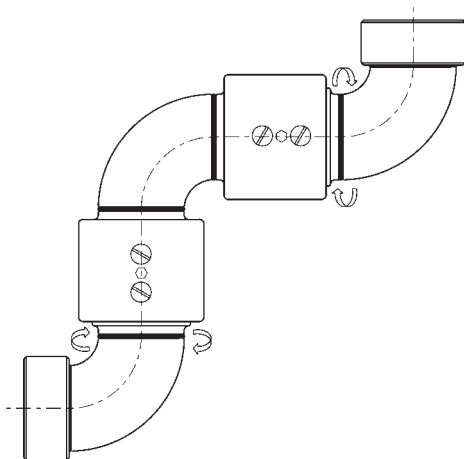


female NPT x female NPT
sizes 1" - 4"

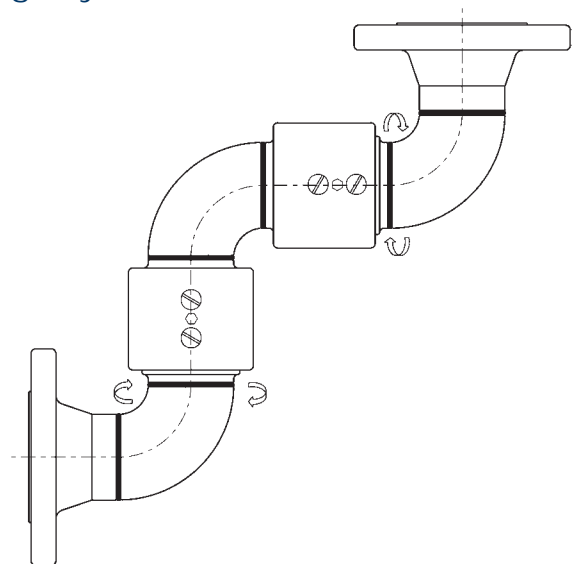


150# ASA flange x 150# ASA flange
sizes 1" - 4"

Triple Plane O-Ring Style 70



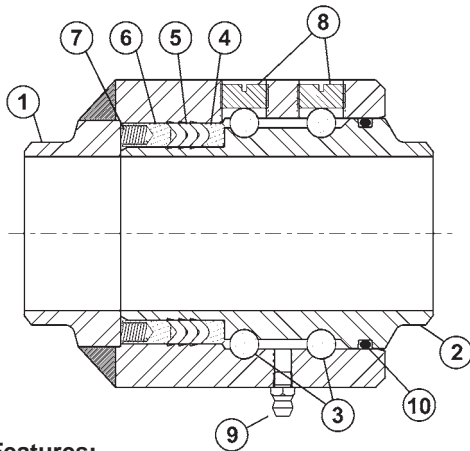
female NPT x female NPT
sizes 1" - 4"



150# ASA flange x 150# ASA flange
sizes 1" - 4"

V-Ring Swivel Joints

V-Ring Parts Identification List

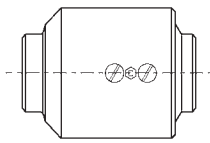


1. body
2. sleeve
3. ball bearings
4. seal retainer
5. V-ring (pressure) seal
6. spring retainer
7. spring
8. ball retainer screw
9. grease fitting
10. O-ring (dust) seal

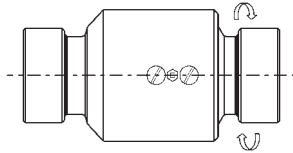
V-Ring Features:

- The spring-loaded triple V-ring sealing system ensures a leak proof seal at either high or low pressure and an extended seal life compared to the conventional single O-ring design.
- The 3" - 8" carbon steel swivels are manufactured from carbon steel with laser hardened dual raceways for greater load bearing capacity and longer life.
- The stainless steel swivels are manufactured in 316 grade stainless steel for superior corrosion resistance.
- available with pressure ratings to 1,000 PSI
- available in carbon steel, stainless steel and aluminum
- **100% full penetration welding available**

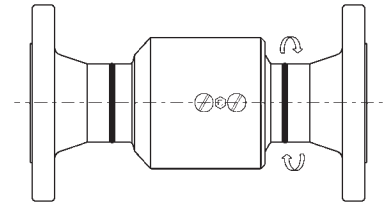
Single Plane V-Ring Style 20



weld end x weld end
sizes 2" - 8"

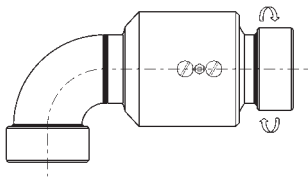


female NPT x female NPT
sizes 2" - 6"

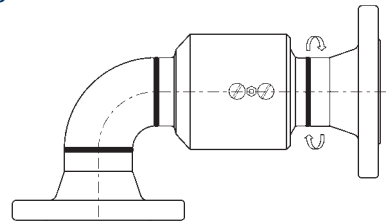


150# ASA flange x 150# ASA flange
sizes 2" - 8"

Single Plane V-Ring Style 30

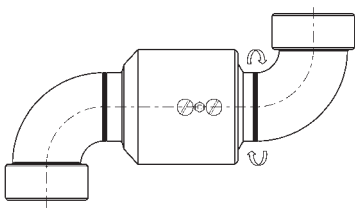


female NPT x female NPT
sizes 2" - 6"

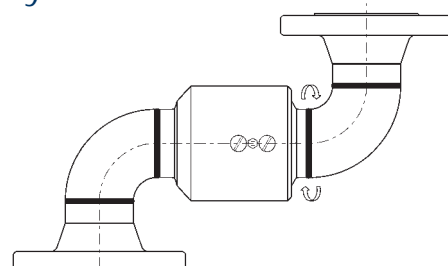


150# ASA flange x 150# ASA flange
sizes 2" - 8"

Single Plane V-Ring Style 40

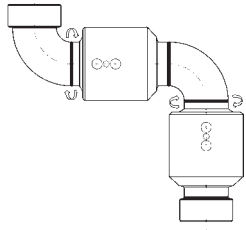


female NPT x female NPT
sizes 2" - 6"

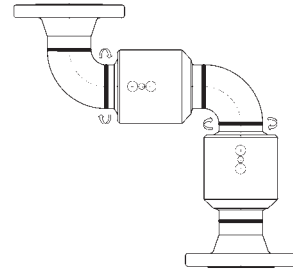


150# ASA flange x 150# ASA flange
sizes 2" - 8"

Double Plane V-Ring Style 50

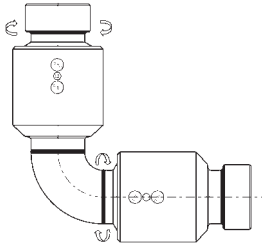


female NPT x female NPT
sizes 2" - 6"

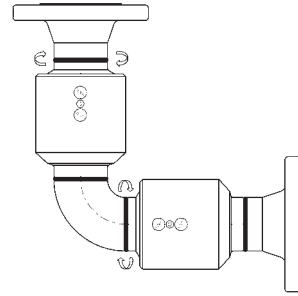


150# ASA flange x 150# ASA flange
sizes 2" - 8"

Double Plane V-Ring Style 60

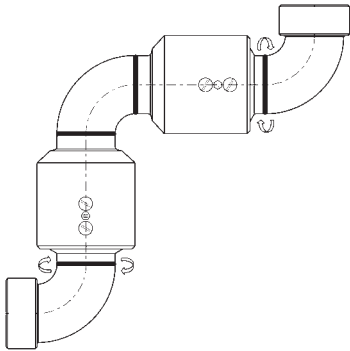


female NPT x female NPT
sizes 2" - 6"

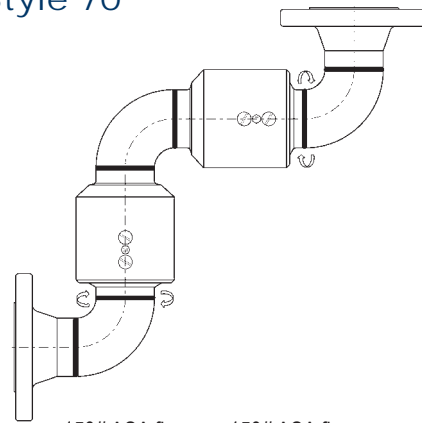


150# ASA flange x 150# ASA flange
sizes 2" - 8"

Double Plane V-Ring Style 70

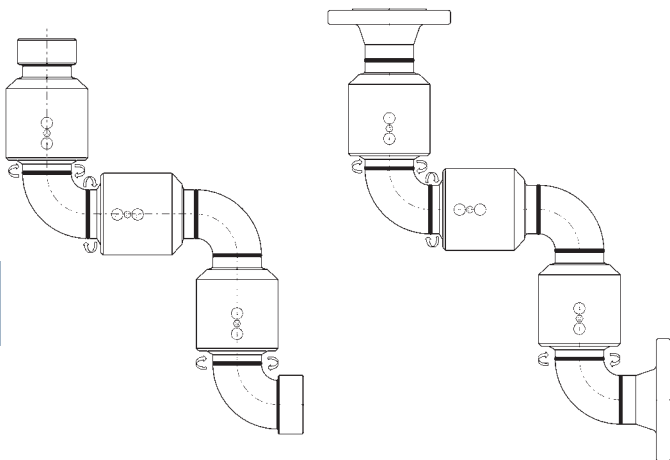


female NPT x female NPT
sizes 2" - 6"

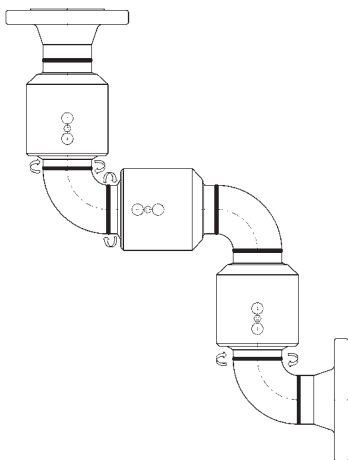


150# ASA flange x 150# ASA flange
sizes 2" - 8"

Triple Plane V-Ring Style 80

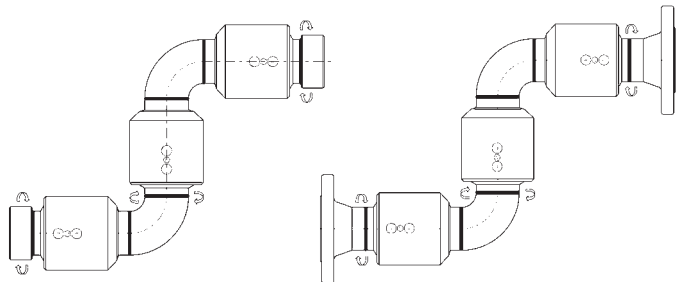


female NPT x female NPT
sizes 2" - 6"

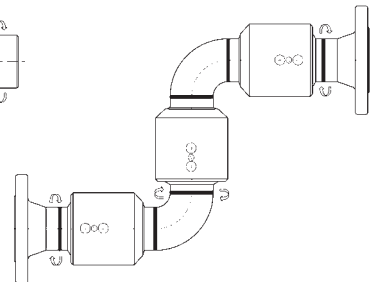


150# ASA flange x 150# ASA flange
sizes 2" - 8"

Triple Plane V-Ring Style 10



female NPT x female NPT
sizes 2" - 6"



150# ASA flange x 150# ASA flange
sizes 2" - 8"

T

Ordering Information - Swivels

To select the proper swivel joint you need the following information:

Size: _____ Style (shape): _____

End Configuration: _____ Material: _____

Maximum Working Pressure: _____ Temperature Range: _____

Product being handled: (if a chemical, please advise concentration) _____

If for constant rotation, advise RPM: _____

If for suction service, advise maximum vacuum in inches of Mercury (Hg): _____

Our factory sales and engineering staff will be happy to help you evaluate your swivel application. Please call 800.355.1991.

Part Number Configuration

	<i>swivel size</i>	<i>swivel style</i>	<i>end configuration</i>	<i>end configuration</i>	<i>swivel material</i>	<i>pressure seal (Buna-N standard)</i>	<i>dust seal (Buna-N standard)</i>	<i>retainers (V-Ring ONLY)</i>	<i>ball bearings (carbon steel standard)</i>	<i>grease</i>	
Example	<u>2</u>	<u>20</u>	<u>F</u>	X	<u>F</u>	<u>CS</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>
	[A]	[B]	[C]		[C]	[D]	[E]	[F]	[G]	[H]	[I]

[A] Size

[B] Style (see diagrams)

[C] End Connections	W Weld End	F Female End	FG 150# ASA Flange	TF Tank Truck Flange	PF 300# ASA flange (not available on aluminum)
[D] Material	CS (V-Ring) carbon steel	SS (V-Ring) stainless steel	AL aluminum	BR brass	MI malleable iron
	OC (O-Ring) carbon steel	OS (O-Ring) stainless steel			

Code #	[E] Pressure Seal	[F] Dust Seal	[G] Retainers	[H] Ball Bearings	[I] Grease
0	Buna-N (standard)	Buna-N (standard)	No retainers (O-ring swivels)	Carbon steel (standard)	Standard
1	FKM	FKM	Aluminum (standard in CS V-ring)	440 grade stainless	FDA approved/ Food grade
2	PTFE	---	PTFE (standard in SS V-ring)	316 grade stainless	Silicone (required with EPR seals)
3	Ethylene Propylene (requires silicone grease)	Ethylene Propylene (requires silicone grease)	---	---	---
4	FDA Buna (O-ring only)	FDA Buna	---	---	---

The swivel should be packed so that the surfaces coming in contact with the fluid being handled are compatible with that fluid. In the case of the use of the swivel in submerged service this would include the dust seals and ball bearings.

Dixon always recommends the use of stainless steel ball bearings when building a swivel for submerged service since the standard carbon steel bearings could rust together making it impossible to disassemble the swivel and possibly affecting its operation.

TTMA Flanged Breakaway Coupling



Features:

- minimizes spillage and damage associated with drive away and pull away incidents
- installs between an API coupler and loading arm
- coupling automatically senses excessive load, closes the valves and disconnects
- high flow rate / low pressure drop
- **230 PSI** at ambient temperature (70°F)
- FKM/FPM is standard seal

Size	Aluminum	
	Part #	Price/E
4"	SBC400ALTTMA	\$5267.00

TTMA Series Flange Adapters

Features:

- simply and easily converts threaded components to a standard TTMA flange configuration
- solid cast lightweight aluminum design is more durable than welded fabrications
- design improves flow through adapter
- compact size reduces the overall space needed to install
- for flange drilling standards, see page 822

Male Threaded

TTMA flange x standard male NPT



TTMA Flange	Male NPT	Overall Length	Aluminum	
			Part #	Price/E
3"	3"	2½"	TTF3AL-3MT	\$87.50
4"	3"	2½"	TTF4AL-3MT	65.90
4"	4"	2½"	TTF4AL-4MT	61.10

Extended Length - Male Threaded

TTMA flange x extended length male NPT



TTMA Flange	Male NPT	Overall Length	Aluminum	
			Part #	Price/E
4"	3"	5½"	TTF4AL-3EMT	\$87.50
4"	4"	5½"	TTF4AL-4EMT	102.15

Female Threaded

TTMA flange x female NPT



TTMA Flange	Female NPT	Overall Length	Aluminum	
			Part #	Price/E
4"	3"	2½"	TTF4AL-3FT	\$78.35
4"	4"	2½"	TTF4AL-4FT	78.05

Slip-on

TTMA flange x socket weld



TTMA Flange	Pipe Size	Aluminum	
		Part #	Price/E
4"	4"	TTF400SP	\$67.00

Round Tank Truck Flange Gaskets (TTMA)



Size	OD	ID	THK	Material	Part #	Price/E
3"	5-5/8"	3-1/2"	1/8"	Cork / Buna	300GTTFCB	\$3.90
3"	5-5/8"	3-1/2"	1/16"	PTFE envelope with Klinger filler	300GTTFTK	17.25
3"	5-5/8"	3-1/2"	1/8"	Klingersil® C-4401	300GTTFK	9.95
3"	5-7/8"	3-1/2"	1/4"	PTFE with fiber core	40321TF	22.65
4"	6-5/8"	4-9/16"	1/8"	Cork / Buna	400GTTFCB	4.60
4"	6-5/8"	4-9/16"	1/16"	PTFE envelope with Klinger filler	400GTTFTK	23.00
4"	6-5/8"	4-9/16"	1/8"	Klingersil® C-4401	400GTTFK	18.25
4"	6-7/8"	4-9/16"	1/4"	PTFE with fiber core	40322TF	34.00

API Couplers

Features:

- completely modular, coupler can be built with various face seal combinations for compatibility with different alternative fuel / performance levels and applications
- 4" TTMA inlet mounting flange
- 5 cam design for easy alignment and tight connection
- ball-end handle for easy, comfortable operation
- no special tools needed for maintenance
- shaft seals can be changed without removing coupler from loading arm
- link, shaft, pin and crank: hardened 17-4PH stainless steel
- cam: stainless steel
- weight: 20 lbs.
- maximum operating pressure: **150 PSI**
- peak surge pressure: 350 PSI
- temperature range: **-20°F to 400°F** (FKM-B seals)
- maximum flow rate: 600 GPM
- pressure drop: 3 to 4 PSI
- replacement parts are available, contact Dixon

API coupler with bonded nose seal

Seal Material	Part #	Price/E
Buna	5300	\$2343.25
FKM-B	5300B	2577.60
FKM-B GFLT	5300G	2694.50
FKM-B with stainless wave spring	5300BC NEW	2580.00

API coupler with replaceable nose seal

Seal Material	Part #	Price/E
Buna	5400	\$2434.95
FKM-B	5400B	2678.45
FKM-B GFLT	5400G	2799.55



API Valves

Application:

- Used for bottom loading and unloading of petroleum tankers, typically mounted to the piping below each tank compartment using the built-in 4" TTMA flange connection.

Description	Part #	Price/E
load/unload API valve with sight glass, ALH nose ring	5204	\$777.65
load only API valve without sight glass, ALH nose ring	5204LNG	547.50
load/unload API valve, without sight glass, fixed handle, Baylast™ seal	5204NG	777.65
load only API valve without sight glass, Baylast™ seal, stainless steel springs	5204LSNG NEW	643.75
load only API valve without sight glass, Baylast™ seal, stainless steel springs with ½" FNPT drain port	5204LSNGP NEW	721.00



5204NG



5204LNG

T

API Compatible Rack Cords

Features:

- highly visible safety orange jacket to meet trip hazard requirements
- cord is bonded mechanically and resistant to abrasion and oil
- Cord sets are interchangeable with Scully and Civacon. All wiring is compatible with standard Scully color codes and wiring number configurations. The 9 pin conductor is shielded to be compatible with Scully VIP system.
- plug body is reinforced nylon and is color coded Optic Blue or Thermistor Green
- button contacts are 316 stainless steel to prevent corrosion
- all other hardware is stainless steel



Model FT600

API Thermistor Assemblies

Description	Part #	Price/E
plug with 30' coiled cable	FT600	\$1099.15
plug with 30' coiled cord for Canada	FT600C	1099.15
plug with 20' straight cable	FT600S	1045.95
plug with 20' straight cord for Canada	FT600SC	1045.95

replacement parts and accessories

Description	Part #	Price/E
replacement plug body	FT601	\$568.00
replacement plug body for Canada	FT601-10	568.00
replacement 30' coiled cable	FT602	463.55
plug hanger	FT603	330.50

Model FT620

API Optic Assemblies

Description	Part #	Price/E
plug with 30' coiled cable	FT620	\$1099.15
plug with 20' straight cable	FT620S	1045.95

replacement parts and accessories

Description	Part #	Price/E
replacement plug body	FT621	\$585.05
replacement 30' coiled cable	FT622	477.55
plug hanger	FT623	340.45

NEW 2014

Reelcraft® Static Discharge Reels

Applications:

- Used to ground equipment in hazardous atmospheres, such as fuel trucks or carts transferring flammable materials. When properly clamped to ground, the static discharge reel dissipates static electrical buildup, reduced the chances of sparking and the potential for explosion.

Features:


- supplied with a 3/32" OD steel aircraft cable
- DC resistance is approximately one ohm per 50' of steel cable



Description	Part #	Price/E
single 7" x 7" stranded steel	G3050	\$675.00

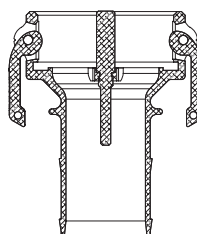
Dixon Vapor Recovery Couplers

Features:

- Not intended for liquid service, for vapor recovery *only*. 
- bronze arms with stainless steel pins
- plated carbon steel finger rings
- Buna-N gasket

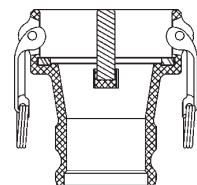
coupler with probe x hose shank

Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
4"	3"	4030-CVR-AL	\$129.10
4"	4"	400-CVR-AL	137.00



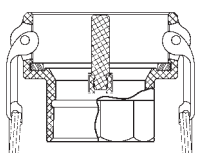
coupler with probe x adapter

Coupler Size	Adapter Size	Aluminum	
		Part #	Price/E
4"	3"	4030-DAVR-AL	\$139.50



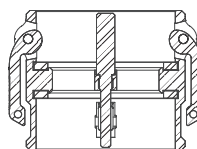
coupler with probe x female NPT

Coupler Size	Female NPT Size	Aluminum	
		Part #	Price/E
4"	3"	4030-DVR-AL	\$155.00
4"	4"	400-DVR-AL	157.30




coupler with probe x coupler with probe

Coupler Size	Coupler Size	Aluminum	
		Part #	Price/E
4"	4"	400-DDVR-AL	\$160.00



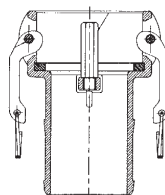
Dixon Bayco Vapor Recovery Couplers

Features:

- not intended for liquid service, for vapor recovery *only*. 
- for use with 3" vapor hose
- cast aluminum body, bronze arms with stainless steel pins and finger rings
- Buna-N gasket
- The VR4030CS-AL has a FKM O-ring poppet seal.

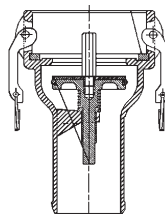
coupler with probe x hose shank


Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
3"	3"	VRC3000AL	\$144.05



coupler with poppet and probe x hose shank

Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
4"	3"	VR4030CS-AL¹	\$213.25



¹ The VR4030CS-AL will interchange with all competitor vapor valves *except* Civacon #633LVH (special bulb design). 

coupler with "floating bridge" poppet x hose shank

Coupler Size	Hose Shank Size	Aluminum	
		Part #	Price/E
4"	4"	VR4040CS-AL	\$412.00



repair kits

Description	Part #	Price/E
seal repair kit: gasket, machine screw and FKM O-ring	VR4040CSRK1	\$21.35
cam arm repair kit: paddle arm and cam arm pin	VR4040CSRK2	82.15

TTMA Flange Extensions



TETF4AL



TETFG4AL

Application:

- Used on load arms to connect an API load coupler to the load arm, provides a specified parting point to prevent excessive damage to the loading arm.

Feature:

- adds a 6" space between the load arm and the tank truck

Size	Description	Aluminum	
		Part #	Price/E
4"	TTMA flange extension	TETF4AL	\$130.00
4"	TTMA flange extension with groove	TETFG4AL	133.50

Type 35 Loading Arm Swivel



style 40



style 30

Features:

- TTMA loading arm swivel with D style shovel handle
- TTMA flanges on both ends
- shovel handle is used to guide the API load coupler onto the adapter on the tank truck
- long radius elbow improves the flow into the API load coupler and provides spacing between the load arm and the tank truck
- can be used with flange extensions above

Size	Description	Aluminum	
		Part #	Price/E
4"	style 40 tank truck x Buna tank truck flange	44HTFXTFAL00000	\$1400.00
4"	style 40 tank truck x FKM tank truck flange	44HTFXTFAL11000	1400.00
4"	style 30 tank truck x Buna tank truck flange	43HTFXTFAL00000	1200.00
4"	style 30 tank truck x FKM tank truck flange	43HTFXTFAL11000	1200.00

Type 35 Loading Arm Swivel Replacement Parts

Description	Part #	Price/E
4" aluminum nipple	ATN100x7	\$25.00
D style shovel handle	100DHAN-AL	35.00
Buna repair kit	4RKOBU	38.90
FKM repair kit	4RKOVIVI	60.65

Sealants

Thread Sealant Paste

Feature:

- temperature range: **-300°F to 500°F**

Size	Part #	Price/E	Opt Qty
¼ pint	LCTS14	\$14.75	12
½ pint	LCTS1	21.55	24
1 pint	LCTS2	33.75	12
1 quart	LCTS3	60.35	12

Industrial PTFE Tape (**White**)

Features:

- thickness: 3.5 mil (0.0035 mm)
- temperature range: **-212°F to 500°F**

Size	Length	Part #	Price/E	Opt Qty
½"	260"	TTA50	\$0.90	500
½"	520"	TTB50	1.75	500
½"	1296"	TTC50	4.50	500
¾"	260"	TTA75	1.45	350
¾"	520"	TTB75	2.70	350
1"	520"	TTB100	2.85	250

Stainless Steel PTFE Tape (**Gray**)

Features:

- thickness: 4 mil
- temperature range: **-58°F to 600°F**
- useful on stainless steel threaded joints or connections
- PTFE with nickel added, nickel acts like a ball bearing

Size	Length	Part #	Price/E	Opt Qty
½"	260"	TTA50SS	\$15.70	10

Industrial Heavy Duty PTFE Tape (**Pink**)

Features:

- thickness: 4 mil
- temperature range: **-400°F to 500°F**

Size	Length	Part #	Price/E	Opt Qty
½"	540"	TTBP50	\$7.50	330

PTFE Tape for LP Gas (**Yellow**)

Features:

- thickness: 4 mil
- maximum temperature: **500°F (260°C)**
- Underwriters Listed

Size	Length	Part #	Price/E	Opt Qty
½"	260"	TTA50LP	\$4.95	500



Joint Sealant Gasket Material



Features:

- GORE-TEX® interchangeable
- Form-In-Place expanded PTFE gasket material with adhesive backing
- manufactured from 100% virgin PTFE
- unaffected by all common chemicals (pH from 0-14)
- unlimited shelf life
- resilient with low cold flow
- requires less force than standard gasket materials
- pressure range: vacuum to 3000 PSI
- temperature range: **-450°F to 600°F**
- made in the USA
- FDA compliant #21CFR177.1550
- larger spools are available, consult factory for price and availability

Size	Length	Part #	Price/E
1/4"	20'	LCJS4-20	\$69.45
1/4"	50'	LCJS4-50	159.55
3/8"	25'	LCJS6-25	127.50
1/2"	15'	LCJS8-15	127.50
3/4"	15'	LCJS12-15	291.85

Leak Detector



Features:

- detects leaks by forming bubbles which remain for up to ten minutes
- will not cause corrosion or deterioration
- color: fluorescent yellow
- non-toxic, non-freezing
- temperature range: **-7°F (-20°C) to 180°F (82°C)**
- meets Federal specification MIL-L-25567-C

Size	Part #	Price/E	Case Qty
8 oz.	LCLD	\$11.90	24

Dixon Coupling Lubricant



DCL80

Application:

For use in assembly operations involving natural or synthetic rubber or plastic. Also an excellent lubricant when rubber or plastic needs to be cut, machined, pressed, turned, trimmed or ground.

Feature:


- biodegradable lubricant for coupling shanks

Size	Part #	Price/E
1 liter	DCL20	\$36.50
4 liters	DCL80	94.50

WD-40 Smart Straw



Features:

- permanently attached straw
- flip up for a precision spray; flip down for regular spray action
- sold in case quantities only
- should not be used as a lubricant for coupling shanks 

Size	Part #	Price/E	Case Qty
11 oz.	WD40	\$21.00	12

Coupling Inserter for Large Hose

Features:

- inserts 4", 5", 6", 8", 10" and 12" couplings
- includes CI96AH pump (shown below)
- portable
- coupling inserter pusher plates (not shown) must be purchased separately

Part #	Price/E
CI9	\$5720.00

Hose ID	Part #	Price/E
4" - 5"	45CIPUSH	\$300.00
6" - 8"	68CIPUSH	380.00
10" - 12"	1012CIPUSH	530.25



Coupling Inserters

Application:

for insertion of hose shanks into hose with a 2¾" to 7¼" OD

Description	Part #	Price/E
inserter with 10,000 PSI hand pump and 5 ton ram	CI96	\$6340.00
inserter with 10,000 PSI air/hydraulic pump and 5 ton ram	CI96AH	7735.00
Small jaws for 1" to 3" OD hose	CI9311SML	189.00



CI96AH



CI96

Hand Hydrotest Pump

Application:

designed for use in testing pipe lines, pressure tanks and pressure vessels

Features:

- stainless steel piston, aluminum body
- uses efficient and long lasting check valves
- cylinder displacement: 1.37 cubic inches
- 0-1000 PSI pressure gauge, 10' pressure hose and quick disconnect coupler included
- piston: 7/8" with 2" stroke

Inlet NPT	Outlet NPT	Working Pressure PSI	Part #	Price/E
½"	½"	1000	HHTP	\$1990.00



Hung Up On Dixon Hose Racks

Application:

can be used for fire or water hose

Features:

- aluminum
- 5 pre-drilled 5/16" mounting holes for easy mounting
- two racks can be bolted face to face to create extra hose capacity

Description	Dimensions	Weight (lbs.)	Part #	Price/E
single hose rack	19-1/2" x 6" x 9-3/16"	3.5	DHR1	\$222.30
double hose rack	19-1/2" x 12" x 9-3/16"	9.5	DHR2	460.00



DHR1
single hose rack



DHR2
double hose rack
(hose not included)



Hydrostatic Test Pumps

A safe, cost effective pump to test hose before putting it into service.

Electric



Features:

- 1.3 GPM fill rate
- test pressure: **200 to 2000 PSI**
- suction strainer keeps dirt out of pump
- high pressure test gauge
- 115v motor
- 2 ft. power cord
- easy to use, portable

Pneumatic



Features:

- 5.5 GPM fill rate
- test pressure: **0 to 1500 PSI**
- stainless interior
- air gauge for quick, easy adjustment of maximum test pressure
- high pressure test gauge
- filter/regulator for clean, dry air to ensure long life of unit
- on - off valve for air input
- 15 ft. of hose included
- easy to use, portable
- Use of coalescing filter and water filter recommended for prolonged life.

Description	Part #	Price/E
electric test pump	ETP	\$4600.00

Description	Part #	Price/E
pneumatic test pump	PTP	\$6070.00

Hydrostatic Test Pump Accessories

Features:

- cost effective and pre-assembled caps or plugs to allow quick set up for testing hoses
- Caps and plugs come equipped with 1/2" brass straight-through plugs for quick attachment to the intermediate hose on the test pump (Pneumatic Test Pump) and bleed-off valve.

cam & groove test caps for male adapters

Size	Iron	
	Part #	Price/E
1"	ID100TC	\$175.00
1½"	ID150TC	275.00
2"	ID200TC	196.50
3"	ID300TC	350.00
4"	ID400TC	520.00

cam & groove test plugs for female couplers

Size	Iron	
	Part #	Price/E
1"	IA100TP	\$150.00
1½"	IA150TP	175.00
2"	IA200TP	175.00
3"	IA300TP	380.00
4"	IA400TP	410.00

female NPT test caps

Size	Iron	
	Part #	Price/E
1"	NPT100TC	\$135.00
1½"	NPT150TC	170.00
2"	NPT200TC	200.00
3"	NPT300TC	350.00
4"	NPT400TC	400.00

male NPT test plugs

Size	Iron	
	Part #	Price/E
1"	100TP	\$220.00
1½"	150TP	250.00
2"	200TP	240.00
3"	300TP	300.25
4"	400TP	405.00

bleed-off valve

Description	Part #	Price/E
for pneumatic test pump	IBV50BOV	\$89.80

FRL Attachment Accessories

Description	Part #	Price/E
3/8" Wilkerson modular coalescing filter (automatic drain)	M16-03A	\$287.65
3/8" Wilkerson modular coalescing filter (manual drain)	M16-03M	230.85
modular sleeve needed to connect M16-03A or M16-03M	GPA-95-292	17.00

Spill Kits

Features:

- easily stored behind a seat or in a storage compartment allowing drivers to act quickly when responding to a spill
- poly-zip bag and bucket kits feature:
 - 10 pads (15" x 19")
 - 3 socks (3" x 4')
 - 2 disposal bags with ties
 - 1 pair Nitrile gloves

Part #	Description	Price/E
DSK5-O	oil only, in 6½ gallon pail	\$122.10
DSK5-U	universal, in 6½ gallon pail	118.40
DSKB-O	oil only, in clear poly bag with zipper	85.10
DSKB-U	universal, in clear poly bag with zipper	80.15



universal spill kit



oil spill kit

Heavy-Duty Lava Hand Cleaner

Features:

- heavy duty hand cleaner with pumice
- 7.5 fl oz pump bottle
- sold in case quantity only

Part #	Case Qty	Price/E
LAVA221	12	\$11.50



Dixon Soft Hose Mallet

Features:

- soft mallet for pounding metal objects without damaging them
- The head material will not crack and is firmly attached to strong shaft-handle.
- length: 23"
- weight: 10 lbs.

Part #	Price/E
DCM1	\$350.00



Dixon Hose Knife

Features:

- for fast cutting of rubber hose and belting
- guard protects hand while cutting

Part #	Price/E
DRK15	\$24.35



Diameter Tape

Features:

- 6' tape for quickly finding the outside diameter of any cylindrical object
- converts circumference to OD at the measured point
- ABS case

Part #	Price/E
DDT1	\$18.25



2014
NEW

Torque Wrenches

Micrometer Adjustable C Series Torque Wrenches



Features:

- 36 tooth quick release ratchet head
- certification readings and individual instrument serial number are included
- Each torque instrument, as calibrated at the factory, is certified to meet the accuracy specified in ANSI B107.14M-1994 and was calibrated on a torque standard that is traceable to the National Institute of Standards Technology (NIST)
- accurate to $\pm 3\%$ and $\pm 5\%$ CCW of full scale

Part #	Drive	Range		Length	Price
		In-Lb	Ft-Lb		
C1001	1/4"	20 - 100	---	11"	\$360.00
C2001	1/4"	40 - 200	---	16"	360.00
C1002	3/8"	---	15 - 100	17"	390.00
C1503	1/2"	---	20 - 150	24"	400.00
C2503	1/2"	---	30 - 250	24"	420.00

Micrometer Adjustable Heavy Duty Industrial Torque Wrenches



Features:

- 24 tooth quick release ratchet head
- click type wrench
- equipped with 3/4" or 1" dual direction quick release, 24 tooth ratchet
- precision roll marked scale
- polished durable bright chrome finish
- fully repairable and easily calibrated
- calibrated to $\pm 3\%$ at any setting
- meets ASME B107.14B

Part #	Drive	Range Ft-Lb	Length	Price
C4504	3/4"	50 - 450	41.9"	\$1100.00
C6004	3/4"	100 - 600	49.8"	1250.00
C7504	3/4"	150 - 750	49.8"	1400.00
C6005	1"	100 - 600	49.8"	1320.00
C7505	1"	150 - 750	49.8"	1600.00

Electronic Torque Wrenches

Features:

- 24 tooth quick release ratchet head
- 5 alphanumeric digit display, 4 keys: up, down, mode, unit
- 3 colored lights, vibration and audible alarm
- unit: ft-lb, in-lb and Nm.
- mode: Peak Hold
- torque setting from 5% to 100% of full scale
- accuracy torque $\pm 1\%$ both CW and CCW from 10%-100% of Indicate value
- 2 AA batteries provide up to 500 hours of continuous use
- ISO-6789-2003 and ASME B107-2005 Standard compliant
- Certificate of N.I.S.T. traceability for 10% to 100% of full scale

Part #	Drive	Range		Length	Wt in Lbs.	Price
		In-Lb	Ft-Lb			
DW2501	1/4"	12.5 - 250	1 - 20.7	13"	2.8	\$590.00
DW1002	3/8"	60 - 1200	5 - 100	18"	3.4	590.00
DW2503	1/2"	150 - 3000	12.5 - 250	26.5"	4.8	720.00

U

Torque Wrenches

Torque and Angle Meter Pro

Features:

- 5 alphanumeric digit display, 4 keys: up, down, mode, unit
- 3 colored lights, vibration and audible alarm
- unit: ft-lb, in-lb and nM
- Mode: Track, Peak Hold and Angle
- torque setting from 5% to 100% of full scale
- accuracy torque $\pm 1\%$ both CW and CCW from 10% - 100% of Indicate value
- accuracy angle: $\pm 1^\circ$ of reading $\pm 1^\circ$ from 1° to 360°
- angle setting: 5° to 360° , angular velocity $>4^\circ/\text{sec}$ and $<200^\circ/\text{sec}$
- Li-Ion rechargeable battery provides up to 200 hours use per charge
- ISO-6789-2003 and ASME B107-28-2005 Standard compliant
- Certificate of N.I.S.T. traceability for 10% to 100% of full scale

Part #	Drive	Range		Length x Width	Price
		In-Lb	Ft-Lb		
SPA502	$\frac{3}{8}$ "	30 - 600	2.5 - 50	3.5" x 2.1"	\$630.00
SPA1002	$\frac{3}{8}$ "	60 - 1200	5 - 100	3.5" x 2.1"	640.00
SPA1503	$\frac{1}{2}$ "	90 - 1800	7.5 - 150	3.75" x 2.1"	650.00
SPA2503	$\frac{1}{2}$ "	150 - 3000	12.5 - 250	3.75" x 2.1"	670.00
SPA4004	$\frac{3}{4}$ "	240 - 4800	20 - 400	4.5" x 2"	830.00
SPA6004	$\frac{3}{4}$ "	360 - 7200	30 - 600	4.5" x 2"	1100.00



Torque and Angle Meters

Features:

- 4 alphanumeric digit display, 4 keys: up, down, mode, unit
- 3 colored lights, vibration and audible alarm
- unit: ft-lb, in-lb and nM
- Mode: Peak Hold and Angle
- torque setting from 5% to 100% of full scale
- accuracy torque $\pm 2\%$ both CW and CCW from 10% - 100% of Indicate value
- accuracy angle: $\pm 1^\circ$ of reading from 1° to 180°
- angle setting: 5° to 180° , angular velocity $>10^\circ/\text{sec}$ and $<200^\circ/\text{sec}$
- 3 AAA battery provides up to 200 hours of continuous use
- ISO-6789-2003 and ASME B107-28-2005 Standard compliant
- Certificate of N.I.S.T. traceability for 10% to 100% of full scale

Part #	Drive	Range		Length x Width	Price
		In-Lb	Ft-Lb		
TA502	$\frac{3}{8}$ "	30 - 600	2.5 - 50	3.5" x 2.1"	\$470.00
TA1002	$\frac{3}{8}$ "	60 - 1200	5 - 100	3.5" x 2.1"	470.00
TA1503	$\frac{1}{2}$ "	90 - 1800	7.5 - 150	3.75" x 2.1"	530.00
TA2503	$\frac{1}{2}$ "	150 - 3000	12.5 - 250	3.75" x 2.1"	530.00



Torque Meters

Features:

- 4 alphanumeric digit display, 4 keys: up, down, mode, unit
- 3 colored lights, vibration and audible alarm
- unit: ft-lb, in-lb and nM
- Mode: Peak Hold and Angle
- torque setting from 5% to 100% of full scale
- accuracy torque $\pm 2\%$ both CW and CCW from 10% - 100% of Indicate value
- 3 AAA battery provides up to 400 hours of use per charge
- ISO-6789-2003 and ASME B107-28-2005 Standard compliant
- Certificate of N.I.S.T. traceability for 10% to 100% of full scale

Part #	Drive	Range		Length x Width	Price
		In-Lb	Ft-Lb		
TM502	$\frac{3}{8}$ "	30 - 600	2.5 - 50	3.5" x 2.1"	\$375.00
TM1002	$\frac{3}{8}$ "	60 - 1200	5 - 100	3.5" x 2.1"	375.00
TM1503	$\frac{1}{2}$ "	90 - 1800	7.5 - 150	3.75" x 2.1"	430.00
TM2503	$\frac{1}{2}$ "	150 - 3000	12.5 - 250	3.75" x 2.1"	430.00



Stretch Straps

Features:

- durable tie down straps
- made of EPDM
- length does not include S-hooks
- S-hooks are steel



Length	Part #	Price/E
10"	SSE10	\$3.00
15"	SSE15	3.80
21"	SSE21	4.40
31"	SSE31	5.20
41"	SSE41	6.25



WARNING!!

Failure to comply with this warning may result in serious damage and/or personal injury. Maximum end to end safe stretch = 150% of length

- do not exceed maximum safe stretch
- inspect before each use, do not use if strap is cut, cracked or abraded
- inspect hooks for damage and/or wear. Replace if needed.
- protect strap from sharp edges or heat.
- wear eye protection during use
- do not use this product as the primary tie down
- refer to federal or state regulations for proper tie down methods

Safety Tag

Features:

- Dixon strongly recommends the use of a safety tag or warning label on all hose assemblies.
- sold in quantities of 100 only



Length	Width	Part #	Price/E
5"	2 3/8"	DWL100	\$0.40



WARNING!!

- worn-out hose fittings should be replaced
- loose clamps on hose can be dangerous
- bolt type clamps should be retensioned regularly
- for extra safety, retaining devices such as clips, chains or cables must be used

Safety Tape

Features:

- Dixon strongly recommends the use of a safety tag or warning label on all hose assemblies.
- length of tape - 55 yards, approximately 255 warnings



Size	Part #	Price/E
1 1/2"	DSTW	\$20.70



WARNING!!

- worn-out hose fittings should be replaced
- loose clamps on hose can be dangerous
- bolt type clamps should be retensioned regularly
- for extra safety, retaining devices such as clips, chains or cables must be used

Weatherproof First Aid Kit

Features:

- polypropylene case
- kit supports 25 persons
- each kit includes: adhesive strips, large wound pads, eye pads, triangular bandage, first aid / burn cream, eye flush, elastic bandages, scissors, forceps, first aid instructions, gauze pads, adhesive tape, antiseptic towelettes, aspirin, cold pack, latex exam gloves
- 10 person and 50 person kits are also available, consult Dixon for price and availability



Weight	Part #	Price/E
1.8 lbs.	FAK25P	\$72.80

Spiral Hose and Cable Protection

Application:

Used in mining, quarrying, forestry, offshore industries and most hydraulic hose applications.

Features:

- crush and high abrasion resistance
- chemical and UV ray resistant
- self-lubricating to reduce hose wear
- easy to install on-site
- smooth radius on all edges
- can be used on single or multiple hose bundles
- spiral guard ID is equal to the guard at rest
- sold in coil lengths only



Standard



Flame Retardant

Flame Retardant Product

Features:

- approved by MSHA 1C-231/1
- flame retardant, self extinguishing, anti static
- temperature range: **-148°F to 262°F**, (-100°C to 100°C)

Nominal ID	Coil Length	OD Range (inches)	Part #	Price/E
1/2"	66'	.47" to .86"	FRSGX16	\$219.80
5/8"	66'	.62" to 1.06"	FRSGX20	284.20
3/4"	66'	.86" to 1.37"	FRSGX25	372.00
15/16"	66'	1.06" to 1.69"	FRSGX32	659.95
1-1/4"	66'	1.30" to 2.17"	FRSGX40	848.00
1-1/2"	66'	1.65" to 2.52"	FRSGX50	1184.75
1-15/16"	66'	2.05" to 2.95"	FRSGX63	1540.00
2-3/8"	66'	2.56" to 3.80"	FRSGX75	1934.70
2-5/8"	66'	3.15" to 4.90"	FRSGX90	2270.50
3-3/16"	33'	3.80" to 5.90"	FRSGX110	1502.50

Standard Product

Features:

- not flame retardant
- temperature range: **-40°F to 248°F**, (-50°C to 90°C)

Nominal ID	Coil Length	OD Range (inches)	Part #	Price/E
1/2"	66'	.47" to .86"	NFSGX16	\$102.50
5/8"	66'	.62" to 1.06"	NFSGX20	142.90
3/4"	66'	.86" to 1.37"	NFSGX25	197.20
15/16"	66'	1.06" to 1.69"	NFSGX32	282.60
1-1/4"	66'	1.30" to 2.17"	NFSGX40	419.25
1-1/2"	66'	1.65" to 2.52"	NFSGX50	549.70
1-15/16"	66'	2.05" to 2.95"	NFSGX63	754.65
2-3/8"	66'	2.56" to 3.80"	NFSGX75	1080.70
2-5/8"	66'	3.15" to 4.90"	NFSGX90	1397.50
3-3/16"	33'	3.80" to 5.90"	NFSGX110	832.30

Fire Jacket for Hose

Application:

Used to protect hose and hose assemblies, tubing, piping, wiring and cables from high temperatures or molten splash. Helps maintain line temperature and reduce environmental overheating and overcooling.

Features:

- Sleeving slides easily over hose and expands to go over fittings.
- resistant to hydraulic fluids and lubricating oil
- iron oxide red color
- compounded silicone rubber coating over fiberglass
- completely non-asbestos
- supplied in 50' lengths
- temperature range: **-65°F to 500°F** (-54°C to 260°C)

Nominal ID	Part #	Price/E	Nominal ID	Part #	Price/E
1/4"	0610-4	\$185.40	1 1/4"	3210-20	\$475.20
3/8"	1010-6	220.25	1 1/2"	3810-24	539.00
1/2"	1310-8	243.50	1 3/4"	4510-28	660.50
5/8"	1610-10	278.10	2"	5110-32	776.25
3/4"	1910-12	310.00	2 1/2"	6410-40	959.50
7/8"	2210-14	371.00	3"	7610-48	1393.60
1"	2510-16	394.00	4"	10210-64	1718.20



Fire Jacket Tape

Application:

used to seal the ends of fire jackets to prevent fraying

Features:

- completely non-asbestos
- iron oxide red color
- temperature range: **-45°F to 380°F** (-45°C to 200°C)

Size	Length	Silicone Rubber Part #	Price/E
1"	12 yards	FTH100	\$52.50



Non Adhesive Fire Tape

Features:

- fiberglass coated silicone rubber
- fluid resistant to hydraulic fluids and lubricating oils
- should be installed in a spiral wrap utilizing 30% to 50% overlap
- iron oxide red color
- temperature range: **-65°F to 500°F**

Size	Length	Part #	Price/E
3" width	50'	4055-3	\$660.50



Fiberglass Sleeving

Features:

- Braided texturized fiberglass tubing provides thermal insulation protection in applications with service temperatures up to **1000°F**.
- supplied in a continuous length of 100'

- 1/16" wall thickness
- braided from texturized E-glass filament yarns. The untreated tubing is flexible and expands to cover changing diameters.

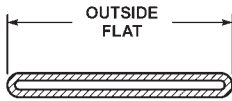
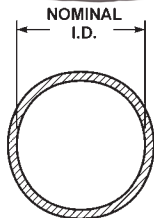


Nominal ID	Part #	Price/E	Nominal ID	Part #	Price/E
1/4"	LW04200	\$81.25	1 1/4"	LW20200	\$220.25
3/8"	LW06200	81.25	1 1/2"	LW24200	318.70
1/2"	LW08200	127.50	2"	LW32200	371.00
5/8"	LW10200	129.50	2 1/2"	LW40200	399.75
3/4"	LW12200	139.00	3"	LW48200	434.60
7/8"	LW14200	156.40	3 1/2"	LW56200	521.50
1"	LW16200	214.50	4"	LW64200	539.00

Nylon Protective Sleeves - MSHA Accepted

Features:

- woven tubular sleeving, ideal for use as a protective covering on hydraulic and industrial hose
- tight weave of seamless tubular sleeving helps dispense the flow of fluid in a ruptured hose
- MSHA accepted, withstands temperatures up to **275°F** (135°C) and fully passes flammability tests



Nominal ID	Outside Flat	100' rolls		300' rolls	
		Part #	Price/E	Part #	Price/E
0.90"	1.50"	DHS90-100	\$142.35	DHS90-300	\$388.20
1.00"	1.66"	DHS100-100	152.90	DHS100-300	417.00
1.13"	1.88"	DHS106-100	164.10	DHS106-300	447.40
1.25"	2.13"	DHS122-100	186.95	DHS122-300	509.85
1.46"	2.25"	DHS138-100	212.95	DHS138-300	580.70
1.42"	2.50"	DHS142-100	218.35	DHS142-300	595.45
1.58"	2.75"	DHS159-1-100	226.10	DHS159-1-300	616.55
1.78"	2.88"	DHS175-100	248.25	DHS175-300	677.00
1.91"	3.00"	DHS181-100	262.00	DHS181-300	714.50
2.18"	3.63"	DHS219-100	330.60	DHS219-300	901.70
2.38"	3.88"	DHS238-100	392.55	DHS238-300	1070.45
2.65"	4.25"	DHS263-100	418.55	DHS263-300	1141.50
2.86"	4.75"	DHS288-100	461.15	DHS288-300	1257.65
3.65"	5.88"	DHS366-100	550.05	DHS366-300	1500.00

Spring Guard



with tang



without tang

Features:

- protects hose against the effects of flexing at its most vulnerable point - immediately behind the coupling
- optional end tang allows end guard to be secured under a clamp or ferrule
- wire fits most hose OD's from 1/2" to 3 1/4", contact Dixon for custom sizes or lengths

Guard ID	Wire Gauge	Overall Length	Tang Length	Approx. # of Coils per Foot	Galvanized Steel with Tang		304 Stainless Steel with Tang		Galvanized Steel without Tang		304 Stainless Steel without Tang	
					Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	0.175	12"	1"	33	SEGC1-0.75-12	\$14.00	SEGS1-0.75-12	\$18.00	SEGC0-0.75-12	\$10.00	SEGS0-0.75-12	\$17.00
1"	0.175	12"	1"	33	SEGC1-1.00-12	16.00	SEGS1-1.00-12	24.00	SEGC0-1.00-12	12.00	SEGS0-1.00-12	20.00
1 1/4"	0.175	14"	2"	39	SEGC1-1.25-14	17.00	SEGS1-1.25-14	26.00	SEGC0-1.25-14	13.00	SEGS0-1.25-14	21.00
1 1/2"	0.175	14"	2"	39	SEGC1-1.50-14	18.00	SEGS1-1.50-14	27.00	SEGC0-1.50-14	14.00	SEGS0-1.50-14	23.00
1 3/4"	0.175	16"	2"	44	SEGC1-1.75-16	21.00	SEGS1-1.75-16	31.00	SEGC0-1.75-16	18.00	SEGS0-1.75-16	27.00
2"	0.280	16"	2"	44	SEGC1-2.00-16	24.00	SEGS1-2.00-16	32.00	SEGC0-2.00-16	21.00	SEGS0-2.00-16	28.00
2 1/2"	0.280	18"	2"	50	SEGC1-2.50-18	25.00	SEGS1-2.50-18	40.00	SEGC0-2.50-18	22.00	SEGS0-2.50-18	36.00
3"	0.280	18"	2"	50	SEGC1-3.00-18	30.00	SEGS1-3.00-18	42.00	SEGC0-3.00-18	27.00	SEGS0-3.00-18	38.00

Continuous Spring Guard

Features:

- protects hose from external abrasion and helps resist over flexing
- fits tight to hose reducing the potential for snagging
- contact Dixon for custom lengths or sizes



Guard ID	Wire Gauge	Overall Length	Approx. # of Coils per Foot	Galvanized Steel		304 Stainless Steel	
				Part #	Price/E	Part #	Price/E
3/4"	0.175	25'	33	CWG-C-0.75-25	\$98.00	CWG-S-0.75-25	\$380.25
1"	0.175	25'	33	CWG-C-1.00-25	168.25	CWG-S-1.00-25	433.25
1 1/4"	0.175	25'	33	CWG-C-1.25-25	168.25	CWG-S-1.25-25	433.25
1 1/2"	0.175	25'	33	CWG-C-1.50-25	230.50	CWG-S-1.50-25	526.00
1 3/4"	0.175	25'	33	CWG-C-1.75-25	230.50	CWG-S-1.75-25	526.00
2"	0.280	25'	33	CWG-C-2.00-25	327.25	CWG-S-2.00-25	628.00
2 1/2"	0.280	25'	33	CWG-C-2.50-25	420.00	CWG-S-2.50-25	720.75
3"	0.280	25'	33	CWG-C-3.00-25	522.00	CWG-S-3.00-25	804.25

Nominal

Application:

- suitable for conveying chemicals, foods, pharmaceuticals, oils, gas, fuels and steam

Features:

- nominal standard smooth bore PTFE hose meets SAE100R14
- size range: dash-3 to dash-20
- temperature range: **-100°F to 450°F** (-73°C to 232°C)
- 304 stainless braided
- extruded or heat shrink coverings are available upon request
- **boxed coils (bulk, per ft. lengths and full reels available from Maryland and Texas call Dixon Specialty Products at 888.226.4673)**

Nominal Smooth Bore PTFE Hose (*fittings not included*)



Nominal Size	Average ID	Length in Feet	Dash Size	Working Pressure	Burst Pressure	White, non-conductive tube		Black, conductive tube	
						Part #	Price/E	Part #	Price/E
3/16"	.125"	100	dash-3	3000	12000	---	---	BSB-03-100	\$790.00
1/4"	.187"	100	dash-4	3000	12000	WSB-04-100	\$640.00	BSB-04-100	705.00
5/16"	.250"	100	dash-5	3000	12000	WSB-05-100	635.00	BSB-05-100	695.00
3/8"	.312"	100	dash-6	2500	10000	WSB-06-100	825.00	BSB-06-100	905.00
3/8T"	.375"	100	dash-6T	2250	9000	WSB-06T-100	1065.00	BSB-06T-100	1175.00
1/2"	.405"	100	dash-8	2000	8000	WSB-08-100	950.00	BSB-08-100	1045.00
5/8"	.500"	100	dash-10	1500	6000	WSB-10-100	1250.00	BSB-10-100	1375.00
3/4"	.625"	100	dash-12	1200	4800	WSB-12-100	1405.00	BSB-12-100	1545.00
3/4T"	.750"	50	dash-12T	1100	4400	WSB-12T-50	1082.50	BSB-12T-50	1192.50
1"	.875"	50	dash-16	1000	4000	WSB-16-50	1186.00	BSB-16-50	1305.00

Nominal Smooth Bore PTFE Hose Per Foot Length (*fittings not included*)

Nominal Size	Average ID	Dash Size	White, non-conductive tube		Black, conductive tube	
			Part #	Price/FT	Part #	Price/FT
3/16"	.125"	dash-3	WSB-03	\$6.10	BSB-03	\$7.90
1/4"	.187"	dash-4	WSB-04	6.40	BSB-04	7.05
5/16"	.250"	dash-5	WSB-05	6.35	BSB-05	6.95
3/8"	.312"	dash-6	WSB-06	8.25	BSB-06	9.05
3/8T"	.375"	dash-6T	WSB-06T	10.65	BSB-06T	11.75
1/2"	.405"	dash-8	WSB-08	9.50	BSB-08	10.45
5/8"	.500"	dash-10	WSB-10	12.50	BSB-10	13.75
3/4"	.625"	dash-12	WSB-12	14.05	BSB-12	15.45
3/4T"	.750"	dash-12T	WSB-12T	22.20	BSB-12T	23.85
1"	.875"	dash-16	WSB-16	23.72	BSB-16	26.10
1T"	1.000"	dash-16T	WSB-16T	32.80	BSB-16T	36.15
1-1/4"	1.125"	dash-20Z	WSB-20Z¹	70.00	BSB-20Z¹	76.00

¹ double braided

- per feet lengths are available from Maryland and Texas only, call Dixon Specialty Products at 888.226.4673

Nominal Fittings

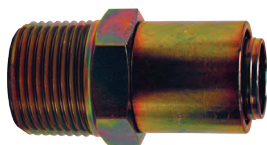
Crimp Collars for all Nominal fittings are included

Female JIC Swivels



Hose Size	Thread Size	Carbon Steel		304 Stainless Steel		Brass		Box Qty
		Part #	Price/E	Part #	Price/E	Part #	Price/E	
dash 4	1/4"	FJC-04-04	\$8.10	FJS-04-04	\$21.15	FJB-04-04	\$6.30	25
dash 5	5/16"	FJC-05-05	13.80	FJS-05-05	23.45	FJB-05-05	9.60	25
dash 6	3/8"	FJC-06-06	15.35	FJS-06-06	27.15	FJB-06-06	10.65	25
dash 8	1/2"	FJC-08-08	15.45	FJS-08-08	37.60	FJB-08-08	12.15	25
dash 10	5/8"	FJC-10-10	18.00	FJS-10-10	49.75	FJB-10-10	17.70	25
dash 12	3/4"	FJC-12-12	23.40	FJS-12-12	71.30	FJB-12-12	32.30	10
dash 16	1"	FJC-16-16	37.70	FJS-16-16	126.00	FJB-16-16	44.70	10
dash 20Z	1 1/4"	FJC-20Z-20	127.00	FJS-20Z-20	326.00	FJB-20Z-20	170.00	5

Rigid Male Pipe



Hose Size	Thread Size	Carbon Steel		304 Stainless Steel		Brass		Box Qty
		Part #	Price/E	Part #	Price/E	Part #	Price/E	
dash 4	1/8"	MPC-04-02	\$7.15	MPS-04-02	\$13.40	MPB-04-02	\$6.20	25
dash 4	1/4"	MPC-04-04	6.70	MPS-04-04	16.50	MPB-04-04	6.05	25
dash 5	1/4"	MPC-05-04	8.90	MPS-05-04	15.50	MPB-05-04	7.85	25
dash 6	1/4"	MPC-06-04	11.85	MPS-06-04	22.70	MPB-06-04	11.25	25
dash 6	3/8"	MPC-06-06	9.25	MPS-06-06	19.00	MPB-06-06	10.00	25
dash 8	3/8"	MPC-08-06	13.15	MPS-08-06	30.85	MPB-08-06	15.50	25
dash 8	1/2"	MPC-08-08	12.85	MPS-08-08	31.50	MPB-08-08	13.25	25
dash 10	1/2"	MPC-10-08	23.50	MPS-10-08	33.00	MPB-10-08	16.30	25
dash 12	3/4"	MPC-12-12	23.35	MPS-12-12	51.40	MPB-12-12	31.40	10
dash 16	1"	MPC-16-16	43.25	MPS-16-16	111.25	MPB-16-16	57.10	10
dash 20Z	1 1/4"	MPC-20Z-20	175.00	MPS-20Z-20	192.00	MPB-20Z-20	230.00	5

Female SAE Swivels



Hose Size	Thread Size	Carbon Steel		Brass		Box Qty
		Part #	Price/E	Part #	Price/E	
dash 6	3/8"	SAEC-06-06	18.10	SAEB-06-06	11.70	25
dash 12	3/4"	SAEC-12-12	25.35	SAEB-12-12	37.55	10

Nominal PTFE Hose Insertion Tool and Dies

Feature:

- Designed to take the hassle out of installing crimp collars onto braided PTFE Hose; with a few simple steps even challenging braid can be easily and safely inserted into the crimp collar.

Description	Size	Part #	Price/E
tool / die holder	---	ITDH	\$350.00
die	dash 4	ITD-04	206.00
die	dash 5	ITD-05	206.00
die	dash 6	ITD-06	206.00
die	dash 8	ITD-08	206.00
die	dash 10	ITD-10	206.00
die	dash 12	ITD-12	206.00
die	dash 16	ITD-16	206.00



Nominal Smooth Bore PTFE Hose Fittings Tube End Stubs

Feature:

- crimp collars for all nominal fittings are included

Hose Size	Thread Size	304 Stainless Steel Part #	Price/E
dash 4	1/4"	TES-04-04	23.75
dash 6	3/8"	TES-06-06	29.20
dash 8	1/2"	TES-08-08	50.15
dash 12	3/4"	TES-12-12	120.00
dash 16	1"	TES-16-16	135.00



45° FJIC

Hose Size	Thread Size	304 Stainless Steel		Carbon Steel	
		Part #	Price/E	Part #	Price/E
dash 3	3/16"	FJS45-03-03	\$61.90	FJC45-03-03	\$23.35
dash 4	1/4"	FJS45-04-04	69.15	FJC45-04-04	26.55
dash 5	5/16"	FJS45-05-05	70.65	FJC45-05-05	26.90
dash 6	3/8"	FJS45-06-06	77.45	FJC45-06-06	30.10
dash 8	1/2"	FJS45-08-08	96.50	FJC45-08-08	36.45
dash 10	5/8"	FJS45-10-10	108.00	FJC45-10-10	42.15
dash 12	3/4"	FJS45-12-12	136.25	FJC45-12-12	57.95
dash 16	1"	FJS45-16-16	219.90	FJC45-16-16	76.40
dash 20Z	1-1/4"	FJS45-20Z-20	296.25	FJC45-20Z-20	115.20



90° FJIC

Hose Size	Thread Size	304 Stainless Steel		Carbon Steel	
		Part #	Price/E	Part #	Price/E
dash 3	3/16"	FJS90-03-03	61.90	FJC90-03-03	\$23.35
dash 4	1/4"	FJS90-04-04	69.15	FJC90-04-04	26.55
dash 5	5/16"	FJS90-05-05	70.65	FJC90-05-05	26.90
dash 6	3/8"	FJS90-06-06	77.45	FJC90-06-06	30.10
dash 8	1/2"	FJS90-08-08	96.50	FJC90-08-08	36.45
dash 10	5/8"	FJS90-10-10	108.00	FJC90-10-10	42.15
dash 12	3/4"	FJS90-12-12	136.25	FJC90-12-12	57.95
dash 16	1"	FJS90-16-16	219.90	FJC90-16-16	76.40
dash 20Z	1-1/4"	FJS90-20Z-20	296.25	FJC90-20Z-20	115.20



True ID

Application:

- suitable for conveying acids, chemicals, foods and pharmaceuticals

Features:

- range: 1/4" to 2"
- temperature range: **-100°F to 450°F (-73°C to 232°C)**
- **boxed coils (bulk, per ft. lengths and full reels available from Maryland and Texas, call Dixon Specialty Products at 888.226.4673)**
- 304 stainless braided
- other braids including synthetic, extruded and heat shrink coverings are available upon request

True ID Hose (fittings not included)



True ID Open Pitch Convoluted Hose

Size	Working Pressure	Burst Pressure	White, non-conductive		Black, conductive	
			Part #	Price/FT	Part #	Price/FT
1/4"	1500	6000	WOC-T04	\$23.80	BOC-T04	\$30.80
3/8"	1500	6000	WOC-T06	23.80	BOC-T06	30.80
1/2"	1600	6400	WOC-T08	26.75	BOC-T08	29.35
3/4"	1015	4060	WOC-T12	31.30	BOC-T12	34.45
1"	725	2900	WOC-T16	50.75	BOC-T16	54.10
1 1/4"	650	2600	WOC-T20	60.90	BOC-T20	78.85
1 1/2"	580	2320	WOC-T24	79.00	BOC-T24	86.95
2"	522	2088	WOC-T32	100.70	BOC-T32	110.90

Heavy Wall True ID Smooth Bore Hose

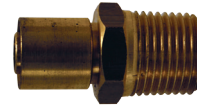
Size	Working Pressure	Burst Pressure	White, non-conductive		Black, conductive	
			Part #	Price/FT	Part #	Price/FT
1/4"	3400	13600	WTB-T04	\$10.90	BTB-T04	\$13.10
3/8"	2600	10150	WTB-T06	15.80	BTB-T06	17.45
1/2"	2000	7830	WTB-T08	19.70	BTB-T08	21.65
3/4"	1305	5220	WTB-T12	32.75	BTB-T12	36.00
1"	1000	4000	WTB-T16	43.95	BTB-T16	48.35
1"	1650	6600	WTB-T16Z	68.80	BTB-T16Z	75.65
1 1/4"	750	3000	WTB-T20Z	80.00	BTB-T20Z	105.45
1 1/2"	1100	4400	WTB-T24Z	160.00	BTB-T24Z	156.00

¹ double braid

True ID Fittings



Crimp collars for all True ID fittings are sold separately



Female JIC Swivel

Size	Carbon Steel		316 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
1/4"	FJC-T04	\$12.30	FJR-T04	\$28.25	10
3/8"	FJC-T06	13.40	FJR-T06	37.00	10
1/2"	FJC-T08	22.25	FJR-T08	44.50	10
3/4"	FJC-T12	25.60	FJR-T12	66.15	10
1"	FJC-T16	32.65	FJR-T16	114.80	10
1 1/4"	FJC-T20	87.00	FJR-T20	236.00	10
1 1/2"	FJC-T24	83.50	FJR-T24	297.55	10
2"	FJC-T32	151.00	FJR-T32	495.32	10

Rigid Male Pipe

Size	Carbon Steel		316 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
1/4"	MPC-T04	\$6.30	MPR-T04	\$24.00	10
3/8"	MPC-T06	8.70	MPR-T06	31.75	10
1/2"	MPC-T08	18.75	MPR-T08	41.50	10
3/4"	MPC-T12	22.45	MPR-T12	66.05	10
1"	MPC-T16	34.75	MPR-T16	116.35	10
1 1/4"	MPC-T20	59.00	MPR-T20	206.00	10
1 1/2"	MPC-T24	66.95	MPR-T24	235.00	10
2"	MPC-T32	113.00	MPR-T32	370.00	10



Sanitary Tri-Clamp

Hose Size	Clamp Size	316 Stainless Steel		Box Qty
		Part #	Price/E	
1/2"	1"	TCR-T08-16	\$138.00	10
1/2"	1 1/2"	TCR-T08-24	162.00	10
3/4"	1 1/2"	TCR-T12-24	174.00	10
1"	1"	TCR-T16-16	129.00	10
1"	1 1/2"	TCR-T16-24	153.00	10
1 1/2"	1 1/2"	TCR-T24-24	162.00	10
2"	2"	TCR-T32-32	220.00	10



Mini Sanitary Tri-Clamp

Size	316 Stainless Steel		Box Qty
	Part #	Price/E	
1/2"	TCMR-T08	\$63.00	10
3/4"	TCMR-T12	64.00	10

- contact Dixon Specialty Products for GSM and PTFE hose assemblies

True ID Fittings Flange Retainers

Feature:

- for use with lap joint flanges, see page 714

Size	316 Stainless Steel		316 Stainless Steel PTFE Encapsulated		Box Qty
	Part #	Price/E	Part #	Price/E	
½"	FRR-T08	\$108.25	---	---	10
¾"	FRR-T12	129.45	FRRE-T12	\$348.70	10
1"	FRR-T16	163.10	FRRE-T16	547.40	10
1¼"	FRR-T20	POR	FRRE-T20	POR	10
1½"	FRR-T24	319.35	FRRE-T24	625.50	10
2"	FRR-T32	567.30	FRRE-T32	809.60	10



Universal Crimp Collars

Feature:

- "old style" crimp collars for both open pitch convoluted PTFE hose and True ID smooth bore PTFE hose

Size	Carbon Steel		304 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
¼"	CSC-T04	\$6.00	SSC-T04	\$18.90	10
⅜"	CSC-T06	6.85	SSC-T06	20.45	10
½"	CSC-T08	12.65	SSC-T08	24.30	10
¾"	CSC-T12	15.25	SSC-T12	35.05	10
1"	CSC-T16	17.05	SSC-T16	53.75	10
1¼"	CSC-T20	44.05	SSC-T20	86.95	10
1½"	CSC-T24	49.60	SSC-T24	103.70	10
2"	CSC-T32	66.15	SSC-T32	175.30	10



Convoluted Crimp Collars

Features:

- for open pitch convoluted PTFE hose only
- new design for ease of installation and improved appearance of finished crimp

Size	Carbon Steel		304 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
¼"	CSC-T04-1	\$6.00	SSC-T04-1	\$18.90	10
⅜"	CSC-T06-1	6.85	SSC-T06-1	20.45	10
½"	CSC-T08-1	12.65	SSC-T08-1	24.30	10
¾"	CSC-T12-1	15.25	SSC-T12-1	35.05	10
1"	CSC-T16-1	17.05	SSC-T16-1	53.75	10
1¼"	CSC-T20-1	44.05	SSC-T20-1	86.95	10
1½"	CSC-T24-1	49.60	SSC-T24-1	103.70	10
2"	CSC-T32-1	66.15	SSC-T32-1	175.30	10



Smooth Bore Crimp Collars

Features:

- for True ID smooth bore PTFE hose only
- new design for ease of installation and improved appearance of finished crimp

Size	Carbon Steel		304 Stainless Steel		Box Qty
	Part #	Price/E	Part #	Price/E	
¼"	CSC-T04-2	\$6.00	SSC-T04-2	\$18.90	10
⅜"	CSC-T06-2	6.85	SSC-T06-2	20.45	10
½"	CSC-T08-2	12.65	SSC-T08-2	24.30	10
¾"	CSC-T12-2	15.25	SSC-T12-2	35.05	10
1"	CSC-T16-2	17.05	SSC-T16-2	53.75	10
1¼"	CSC-T20-2	POR	SSC-T20-2	POR	10
1½"	CSC-T24-2	POR	SSC-T24-2	POR	10



Contact Dixon Specialty Products at 888.226.4673 for assembly instructions and crimp recommendations.

Ordering Information - PTFE Hose Assemblies

Assemblies only ship from MD and TX, please call Dixon Specialty Products at 888.226.4673 for assembly pricing.

To select the proper PTFE hose assembly you need the following information:

Hose Style:	Length OAL:
Size:	
A End Configuration:	A End Material:
B End Configuration:	B End Material:
Maximum Working Pressure:	Temperature Range:
Application:	
Media / Product being handled: (if a chemical, please advise concentration):	
Bend radius requirement:	
If for suction service, advise maximum vacuum in inches of Mercury (Hg):	

Our factory sales and engineering staff will be happy to help you evaluate your PTFE hose application. Please call 888.226.4673.



**YARDLEY
PRODUCTS
CORP.**

10 West College Avenue
PO Box 357
Yardley, PA 19067-8357

800.457.0154 • 215.493.2723
Fax: 215.493.6796
yardleyproducts.com
email: info@yardleyproducts.com

**Unique Solutions
for Your Fastening Needs**

Precision Engineered Threaded Inserts

- large inventory - over 24 million inserts in stock ready for immediate shipment
- fast delivery - same day shipment if order is received by 2 p.m. EST, Next Day delivery available
- patented designs - "time tested" designs proven on thousands of products and a wide variety of materials
- quality - patented designs manufactured to exact tolerances
- dependability - we listen to our customer's needs
- custom manufacturing - experience in manufacturing inserts to specific customer requested tolerances and designs
- flexibility - small quantities, large quantities or special runs plus free samples of stock items
- special runs - no minimum quantities on special order parts
- experience - established 1946
- Visa/Mastercard and American Express accepted

Product Selection Guide

type A closed end inserts, type B open end inserts and type C closed end with counter bore inserts

Install Methods	Base Materials	Description
molded-in epoxied-in	thermoset plastics thermoplastics rubber ceramics	A wide range of threaded inserts featuring patented designs for molded-in use. Close tolerance of minor thread diameter and careful burnishing of inner thread crests assure snug fit on pins. Extremely flat ends on inserts (with no burrs, ridges or other defects) mean no leakage of material on the face of the mold. <i>Available in brass, aluminum and stainless steel.</i>



type D studded end inserts

Install Methods	Base Materials	Description
molded-in epoxied-in	thermoset plastics thermoplastics rubber ceramics	Threaded stud inserts featuring patented designs for molded-in use. Proportioned for maximum holding strength. Can be screwed to butt flush with a Yardley Type C Insert. <i>Available in brass.</i>



bi-sert® inserts

Install Methods	Base Materials	Description
molded-in	thermoset plastics thermoplastics glass-filled plastics	Designed for rotational molding, this insert provides exceptional torque and pull-out resistance. Unique hex design allows it to be used with fibrous materials where the fibers would block the flow of the plastic material around ordinary inserts. Inside diameter held to strict tolerances for a smooth, tight fit on locating pins. <i>Available in brass and aluminum.</i>



zap-sert® inserts

Install Methods	Base Materials	Description
molded-in ultrasonic thermal pressed-in	thermoset plastics thermoplastics	Economical design features a lead on both ends making this insert ideal for high volume, automated production. Unique radial barbs provide strong resistance to pull-out and rotation in plastics and thermoplastics. Can be molded-in or installed with ultrasonic or thermal insertion tools. <i>Available in brass.</i>



type E closed end and type F open end pressed-in inserts

Install Methods	Base Materials	Description
pressed-in epoxied-in	thermoset plastics thermoplastics rubber ceramics	Spiral knurled, open or closed-ended inserts for pressing into soft materials such as plastics, foamed plastics and rubber. Ideal for use where minimal pull-out strength is needed, but some torque resistance is required. Can also be molded-in and feature patented I.D. design for use with locating pins. <i>Available in brass and aluminum.</i>



Product Selection Guide

quick-sert® inserts



Install Methods	Base Materials	Description
pressed-in	aluminum soft metals	Designed for fast easy press-in installation, providing permanent threads in aluminum and other soft metals. Its smooth tapered lead allows easy positioning for quick starts in a pre-drilled hole and the knurled body locks tightly in the host material. Its thick wall design prevents thread distortion. <i>Available in plated steel.</i>

sharp-sert® regular, short and flanged series inserts



Install Methods	Base Materials	Description
pressed-in ultrasonic thermal	thermoset plastics thermoplastics wood	Versatile, economical and trouble free, they offer easy, high-speed installation. Curved hooks and lateral flutes lock them into plastics, particle board and wood. Install with ultrasonic or thermal tools or just hammer or press them in. <i>Available in brass and stainless steel.</i>

fiber-sert® regular and diecast series inserts



Install Methods	Base Materials	Description
threaded-in	wood particle board ABS foamed plastics	Special design makes them ideal for wood, particle board, ABS and foamed plastics. Large coarse outer threads give great holding power in weaker materials while inside threads stay clean, free of chips. Install with Yardley pneumatic inserter or easy-to-use self-tapping driver. <i>Available in brass and diecast.</i>

tri-sert® regular, short, coarse threaded and slotted coarse threaded series inserts



Install Methods	Base Materials	Description
threaded-in	thermoset plastics thermoplastics wood soft metals	For strong threads in plastics, soft metals and wood. Self-tapping, they provide high torque and pull-out resistance. Install with Yardley pneumatic inserter, insert driver or screw driver. <i>Available in brass, plated steel and stainless steel.</i>

intro-sert® regular and short series inserts



Install Methods	Base Materials	Description
ultrasonic thermal	thermoplastics ABS polycarbonates	For use in thermoplastic materials such as ABS and polycarbonates. Intro-Serts have no sharp edges on their outer annular ribs to cause residual stress cracking. Install them fast and easily with ultrasonic or thermal insertion tools. <i>Available in brass, aluminum and stainless steel.</i>

tri-sert® slotted coarse threaded inserts



Install Methods	Base Materials	Description
screwdriver Yardley inserting tool	brittle or weak plastics	Inserts are internally and externally threaded metal inserts with a slot on one end. The inserts tap their own threads as they are (turned) into drilled or cored holes. The wider spaced external threads reduce installation torque and provide a stronger hold. <i>Available in brass and stainless steel. Custom sizes and materials are also available.</i>

Contact Yardley at 800.457.0154 for more information on all the threaded inserts on pages 787 and 788.



Hydrasearch Company, Inc.

100 Log Canoe Circle
Stevensville, MD 21666
Phone (410) 643-8900
Fax (410) 643-8954
sales@hydrasearch.com
hydrasearch.com

Hydrasearch, established in 1962, is a division of Dixon and a large multi-divisional manufacturer and global distributor of diverse commercial hose, technical products and fittings. In 1995 Hydrasearch purchased the Technical Products Company, allowing us to introduce a line of high pressure O-ring face seal valves and pipe and tube fittings.

Today, Hydrasearch products can be found on submarines, surface ships, helicopters, fixed-wing aircraft, tanks, and ground equipment throughout the world. With our experienced staff, expanding product line, and growing global distribution, Hydrasearch continues to improve and expand to meet your needs today and into the future.

Technical Products

- valves and accessories
- valves, instrumentation and adapters
- fittings, couplings and union assemblies
- O-rings and Sil-Braze rings
- hose end fittings and adapters
- cross reference to CPV-O-Seal available



Product Literature

- Marine Hose Fittings (Catalog 109)
- Underway Replenishment Products (Catalog 709)
- Aerospace Hose & Fittings (Catalog 209)
- Technical Products (Catalog 701)



BUCK COMPANY, INC.
897 Lancaster Pike
Quarryville, PA 17566-9738
Phone: 717.284.4114
Fax: 717.284.3737
buckcompany.com

Buck Company is a quality automated sand cast foundry designed to handle medium to high volume castings. These castings range from one half pound to one hundred pounds in malleable iron, ductile iron and gray iron. We can also handle jobs ranging from one half pound to seventy five pounds in brass, bronze, and aluminum sand casting. ISO2000 certified.



Cast Dimensions

All cast dimensions are nominal as defined in ANSI Y14.5-1973 paragraph 5-1.6.8

S.T.A.M.P.E.D.

When fabricating and specifying hose assemblies ask the following questions:

- Size:** What is the ID (Inside Diameter) of the hose? What is the OD (Outside Diameter) of both ends of the hose? What is the overall length of the assembly required?
- Temperature:** What is the temperature range of the media (product) that is flowing through the hose assembly? What is the temperature range of the environment that surrounds the outside of the hose assembly?
- Application:** How is the hose assembly actually being used? Is it a pressure application? Is it a vacuum (suction) application? Is it a gravity flow application? Are there any special requirements that the hose assembly is expected to perform? Is the hose being used in a horizontal or vertical position? Are there any pulsations or vibrations acting on the hose assembly?
- Media:** What is the media/material that is flowing through the hose assembly? Being specific is critical. Check for: Abrasive materials, chemical compatibility, etc.
- Pressure:** What is the maximum pressure including surges (or, maximum vacuum) that this hose assembly will be subjected to? Always rate the maximum working pressure of your hose assembly by the lowest rated component in the system.
- Ends:** What couplings have been requested by the user? Are they the proper fittings for the application and hose selected?
- Dixon:** Dixon recommends that, based on the hose, fittings and attachment method used, all assemblies be permanently marked with the designed working pressure and intended media. Do not use other manufacturer's fittings or ferrules with Dixon products due to the differences in dimensions and tolerances. We also recommend that all hose assemblies be tested frequently.
Be Safe: Any questions on application, use or assembly call 800-355-1991.

MSHA (Mine Safety and Health Administration) Regulations

30 CFR Sections 56.13021 and 57.13021

Except where automatic shut-off valves are used, safety chains or other suitable locking devices shall be used at connections to machines of high-pressure hose line of $\frac{3}{4}$ " inside diameter or larger, and between high-pressure hose lines of $\frac{3}{4}$ " inside diameter or larger, where a connection failure would create a hazard.

30 CFR Section 75.1730

(e) Safety chains, suitable locking devices, or automatic cut-off valves shall be used at connections to machines of high-pressure hose lines of $\frac{3}{4}$ " inside diameter or larger, and between high-pressure hose lines of $\frac{3}{4}$ " inside diameter or larger, where a connection failure would create a hazard. For purposes of this paragraph, high-pressure means pressure of 100 PSI or more.

30 CFR Section 77.412

(d) Safety chains or suitable locking devices shall be used at connections to machines of high-pressure hose line of 1" inside diameter or larger, and between high-pressure hose line of 1" inside diameter or larger, where a connection failure would create a hazard.

OSHA Regulations

Standards - 29 CFR, 1910.242 (partial):

(b) Compressed air used for cleaning - Compressed air shall not be used for cleaning purposes except where reduced to less than 30 PSI and then only with effective chip guarding and personal protective equipment.

Standards - 29 CFR, 1915.131 (partial):

(e) Before use, pneumatic tools shall be secured to the extension hose or whip by some positive means to prevent the tool from becoming accidentally disconnected from the whip.

Standards - 29 CFR, 1926.302 (partial):

(b)(1) Pneumatic power tools shall be secured to the hose or whip by some positive means to prevent the tool from becoming accidentally disconnected.

(b)(2) Safety clips or retainers shall be securely installed and maintained on pneumatic impact (percussion) tools to prevent attachments from being accidentally expelled.

(b)(3) All pneumatically driven nailers, staplers and other similar equipment provided with automatic fastener feed, which operate at more than 100 PSI pressure at the tool shall have a safety device on the muzzle to prevent the tool from ejecting fasteners, unless the muzzle is in contact with the work surface.

(b)(4) Compressed air shall not be used for cleaning purposes except where reduced to 30 PSI and then only with effective chip guarding and personal protective equipment which meets the requirements of Subpart E of this part. The 30 PSI requirement does not apply for concrete form, mill scale and similar cleaning purposes.

(b)(5) The manufacturer's safe operating pressure for hoses, pipes, valves, filters and other fittings shall not be exceeded.

(b)(6) The use of hoses for hoisting or lowering tools shall not be permitted.

(b)(7) All hoses exceeding ½" inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in case of hose failure.

Standards - 29 CFR, 1926.306:

(a) General requirements

(a)(1) Application. This section applies to compressed air receivers, and other equipment used in providing and utilizing compressed air for performing operations such as cleaning, drilling, hoisting, and chipping. On the other hand, however, this section does not deal with the special problems created by using compressed air to convey materials nor the problems created when men work in compressed air as in tunnels and caissons. This section is not intended to apply to compressed air machinery and equipment used on transportation vehicles such as steam railroad cars, electric railway cars, and automotive equipment.

(a)(2) New and existing equipment.

(a)(2)(i) All new air receivers installed after the effective date of these regulations shall be constructed in accordance with the 1968 edition of the A.S.M.E. Boiler and Pressure Vessel Code Section VIII.

(a)(2)(ii) All safety valves used shall be constructed, installed and maintained in accordance with the A.S.M.E. Boiler and Pressure Vessel Code, Section VIII Edition 1968.

(b) Installation and equipment requirements

(b)(1) Installation. Air receivers shall be so installed that all drains, handholes, and manholes therein are easily accessible. Under no circumstances shall an air receiver be buried underground or located in an inaccessible place.

(b)(2) Drains and traps. A drain pipe and valve shall be installed at the lowest point of every air receiver to provide for the removal of accumulated oil and water. Adequate automatic traps may be installed in addition to drain valves. The drain valve on the air receiver shall be opened and the receiver completely drained frequently and at such intervals as to prevent the accumulation of excessive amounts of liquid in the receiver.

(b)(3) Gauges and valves.

(b)(3)(i) Every air receiver shall be equipped with an indicating pressure gauge (so located as to be readily visible) and with one or more spring-loaded safety valves. The total relieving capacity of such safety valves shall be such as to prevent pressure in the receiver from exceeding the maximum allowable working pressure of the receiver by more than 10 percent.

(b)(3)(ii) No valve of any type shall be placed between the air receiver and its safety valve or valves.

Standards - 29 CFR, 1926.603 (partial):

(a)(9) Steam hose leading to a steam hammer or jet pipe shall be securely attached to the hammer with an adequate length of at least ¼" diameter chain or cable to prevent whipping in the event the joint at the hammer is broken. Air hammer hoses shall be provided with the same protection as required for steam lines.

(a)(10) Safety chains, or equivalent means, shall be provided for each hose connection to prevent the line from thrashing around in case the coupling becomes disconnected.

The regulations may be viewed in full on the OSHA website, osha.gov, please check the website for updates.

The Canada Occupational Safety and Health regulations, Part XIII, 13:6b states:

"Where an air hose is connected to a portable air powered tool used by an employee, a restraining device shall be attached to all hose connections, in order to prevent injury to an employee in the event of an accidental disconnection of a hose."

Hose Coupling Workshops

In an effort to provide our customers with information regarding the proper and safe methods of assembling hose and couplings, Dixon offers Hose Coupling Workshops suitable for a company's sales force and shop personnel.

Classes consist of lectures and/or hands-on demonstrations of coupling selection, hose preparation, coupling installation, assembly testing and maintenance procedures. Morning, afternoon and all day classes are available. For more information, please contact the factory at 800.355.1991.

We encourage you to share this information with anyone who may be affected by the selection, installation, maintenance or use of any hose assembly. Always use quality products to **Be Safe**.

Be Safe

Hose assemblies must be inspected prior to each use. Worn out fittings, attachment devices, hose and accessory items must be replaced. Retaining devices (safety devices) such as clips, cables or chains must be used. Clamps must be checked regularly to the specified torque found in the Dixon literature. Under no circumstance should any coupling be disconnected while under pressure unless the coupling is specifically designed to do so. Disconnecting couplings under pressure could result in serious injury or death, and destruction to property and equipment.

For all hose assemblies in use:

- Beware** - Hose assemblies when used improperly or in the wrong application can be dangerous. The maximum working pressure shown on the hose is not an indication of the working pressure of the assembly. Based on the hose, fittings and attachment method used, all assemblies should be permanently marked with the designed working pressure and the intended media. The assembly working pressure should be permanently displayed. Hose assemblies must be used for the intended service only. Never alter manufactured product or substitute component parts.
- Eliminate** - hazardous conditions by inspecting, maintaining and testing hose assemblies. Dixon recommends that all hose assemblies be tested in accordance with the hose manufacturer's specifications. The application determines the regularity of the re-testing schedule.
- Secure** - and inspect hose, fittings, clamping devices and safety accessories before each use. Never take for granted that the coupling or attachment devices are properly installed.
- Always** - inspect and re-tighten the bolts of any bolt style clamping device to the manufacturer's torque specifications.
- Fittings** - hose and clamping devices that are worn out or damaged must be removed from service.
- Educate** - your employees about the proper use, care and potential hazards of hose assemblies. Take advantage of Dixon's free Hose Assembly Safety Program and the follow up Training Seminar to aid you in setting up your own inspection program. Any questions on applications, use or assembly call 1-800-355-1991.

WARNING

The Importance of Whip Hose

The constant vibration created by air tools, like air drills and pavement breakers, is destructive to air hose couplings, especially the quick-acting type. To provide protection against coupling breakage and related hazards, Dixon recommends the use of a whip hose. To construct a whip hose, connect one end of a short (3' to 10') air hose to the air tool using a 3500 type steel nipple. Connect the other end of the hose to the air supply using the standard quick-acting coupling. The heat-treated 3500 nipple will withstand vibration far better than the standard coupling and provide a safer connection. The whip hose should remain permanently connected to the tool.

Hose Assembly Safety Program

Dixon, in partnership with your industrial hose supplier, is pleased to offer a hose and coupling safety survey of your plant, at no cost to you, to assist in your efforts to make your facility as safe, efficient and productive as possible.

Today, plant safety is an enormous, ongoing endeavor in which it is impossible to be an expert in every field.

The use of damaged or misapplied hose couplings and related items occurs. To the untrained eye, these hazards may continue to exist until an accident happens, threatening not only plant machinery, but also the well-being of plant personnel.

Our program includes a visual inspection of hose assemblies and related accessories in your plant by trained technicians. A professionally written report containing our observations and recommendations for corrective action is subsequently provided to augment your own ongoing safety program. If desired, photographs of the areas of concern can be supplied with the report. As a follow-up, the program offers an educational hands-on seminar directly relating to the safety concerns in your facility.

Plant safety is coming under increasing scrutiny by various regulatory agencies. Let Dixon's trained personnel assist you in establishing and maintaining safety compliance in your plant.

The safety survey report is completely confidential and will only be shown to authorized plant personnel. For more information, please contact Dixon at 800.355.1991.

Safety Products and Recommendations in the Dixon Price List

Safety is everyone's concern!

Dixon provides many safety products designed to protect personnel and property. Recommendations and safety warnings are also included for your review.

Hose and coupling safety	pages 9, 790-793
S.T.A.M.P.E.D.	page 790
Pressure recommendations	pages 794-799
EZ Boss-Lock handles	pages 28, 72
Cam and groove safety clips	pages 28, 72-73
Air King - not to be used for steam statement	pages 116-119
King cable safety cables.....	page 131
Safety shut-off valves, OSHA REG. 1926.302	page 135
30 PSI safety blow guns.....	page 154
Safety vented ball valves.....	page 670
Safety tags and safety tape.....	page 778
The importance of whip hose statement	pages 129, 792

Dixon is a proud member of The Association for Hose and Accessories Distribution (NAHAD). We support the NAHAD Hose Assembly Guidelines Program given the use of genuine Dixon couplings and clamps.



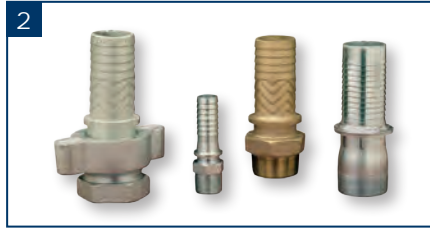
Pressure Recommendations

The images shown on these two pages are provided to assist in coupling and clamp or ferrule identification for the pressure recommendation chart on pages 796-799.

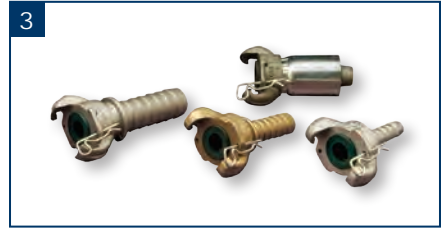
Couplings



Dixon Cam & Groove



Boss Couplings



Air King Universal



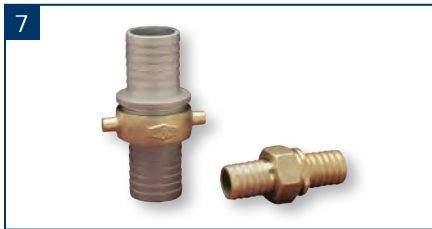
King Machined Medium Shank



King Machined Long Shank



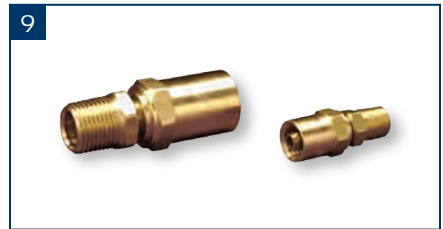
Machined Short Shank



Cast Short Shank



Push-On



Reusable Brass



Hodedall Swage / Crimp



Hodedall Internal Expansion



Flow Chief / Sanitary



Hodedall Internal Expansion Petroleum



King Crimp Couplings

Pressure Recommendations

⚠ WARNING

1. The chart on pages 796-799 is intended as a guide only. It only applies to metal couplings as shown for ambient temperature (70°F) applications with true ID hose. It assumes new Dixon supplied couplings, new Dixon supplied clamps, new quality hose and proper installation by a qualified assembler using Dixon procedures and equipment. Temperature can affect the coupling retention. For questions relating to temperatures other than ambient (70°F) contact the hose manufacturer or Dixon at 1-800-355-1991.
2. This chart does not apply to non-Dixon products, with used hose, in non-approved or unsupported applications or in non-standard assemblies.
3. Do not use this chart if it conflicts with the hose manufacturer's recommendations.
4. All hose assemblies should be pressure tested to hose manufacturers or Rubber Manufacturers Association (R.M.A.) specifications prior to being put into service.
5. Our test experience indicates that coupling retention can vary with changes in hose design. For pressure ratings other than those listed and shown, or if questions arise, please call Dixon at 800.355.1991 for assistance.
6. All hose assembly components must be compatible with the materials and environments with which they are to come in contact.
7. Dixon recommends that all hose assemblies be marked with the assembly working pressure and media of the intended application. Under no circumstances should the assembly working pressure exceed the working pressure of the lowest rated component (coupling, clamp, ferrule or hose).
8. For further safety information refer to pages 9, 790-793.

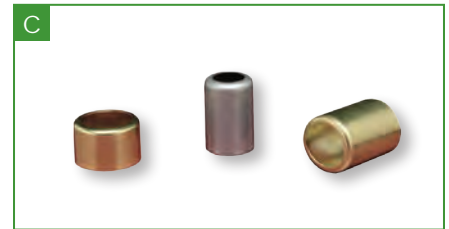
Clamps and Ferrules



Boss Interlocking Clamps



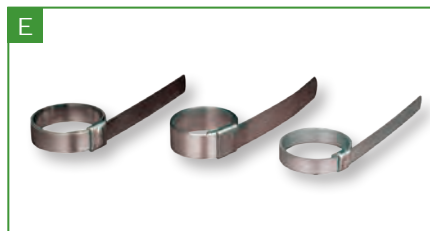
Air King Interlocking Clamps



Light Duty Ferrules



Band & Buckle



Preformed Clamps



Double Bolt Clamps



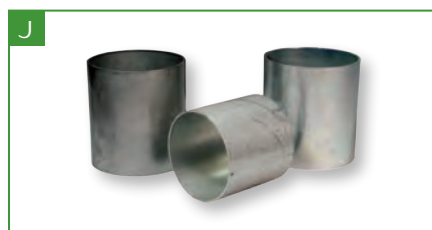
Swage / Crimp



Internal Expansion



Internal Expansion Petroleum



King Crimp Sleeve



King Crimp Ferrule

Pressure Recommendations

Mark hose assembly with pressure from this chart or hose working pressure, whichever is lower.

All pressure recommendations are in pounds per square inch (PSI).

- This chart is intended as a guide only. It only applies to metal couplings as shown for ambient temperature (70°F) applications with true ID hose. It assumes new Dixon supplied couplings, new Dixon supplied clamps, new quality hose and proper installation by a qualified assembler using Dixon procedures and equipment.
Temperature can affect the coupling retention. For questions relating to temperatures other than ambient (70°F) contact the hose manufacturer or Dixon at 800.355.1991.
- This chart does not apply to non-Dixon products, with used hose, in non-approved or unsupported applications or in non-standard assemblies.

Instructions continue at the top of the next page.

Hose (rubber covered)	DPL sect.	Group ID - Couplings	Couplings	Group ID - Clamps & Ferrules	Clamps & Ferrules	Assembly Procedure	1/4"	3/8"	1/2"	5/8"	3/4"	
Air <i>textile reinforced rubber lined</i>	E	3	Air King Universal	E	Prefomed Band Clamp	2102			150	150	150	
	E	3	Air King Universal	G	Swage/Crimp	2306				150	150	
	E	3	Air King Universal	C	Light Duty Ferrules	2307				150	150	
	F	6	Machined - Short Shank	C	Light Duty Ferrules	2304	200	150	150	100	100	
	F	6	Machined - Short Shank	E	Prefomed Band Clamp	2100-2101				150	100	
	G	9	Reusable - Brass	N/A	n/a	2305	250	250	250			
	F	4	King Machined - Medium Shank	E	Prefomed Band Clamp	2100-2101				250	200	
	F	5	King Machined - Long Shank	E	Prefomed Band Clamp	2100-2101				300	300	
Air <i>textile or wire reinforced rubber lined</i>	F	14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201						
	E	3	Air King Universal	B,A	Air King or Boss Interlocking Clamp	2000		150	150		150	
	E	3	Air King Universal	G	Swage/Crimp	2306				150	150	
	E	3	Air King Universal	C	Light Duty Ferrules	2307				150	150	
	D	2	Boss Couplings	A	Boss Interlocking Clamp	2000-2004	600	600	600	600	600	
	K	10	Holedall Swage/Crimp	G	Swage/Crimp	see Ram Manual	600	600	600		600	
	F	14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201						
	Asphalt & Hot Tar	D	2	Boss Couplings	A	Boss Interlocking Clamp	2001-2002					
F		4	King Machined - Medium Shank	E	Prefomed Band Clamp	2100-2101				125	125	
F		4	King Machined - Medium Shank	D	Band & Buckle	2104						
F		5	King Machined - Long Shank	E	Prefomed Band Clamp	2100-2101				150	150	
F		5	King Machined - Long Shank	D	Band & Buckle	2104						
A		1	Boss-Lock Cam & Groove	E	Prefomed Band Clamp	2100-2101				150	150	
A		1	Boss-Lock Cam & Groove	D	Band & Buckle	2104						
A		1	Boss-Lock Cam & Groove	G	Swage/Crimp	see Ram Manual					250	
K		10	Holedall Swage/Crimp	G	Swage/Crimp	see Ram Manual				600	600	
F		14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201						
F		14	King Crimp ST - Sleeve	J	King Crimp Sleeve	4200						
A		14	King Crimp Cam & Groove - Ferrule	K	King Crimp Ferrule	4201						
A		14	King Crimp Cam & Groove - Sleeve	J	King Crimp Sleeve	4200						
Chemical <i>plastic lined for liquid service</i>		F	4	King Machined - Medium Shank	E	Prefomed Band Clamp	2100-2101				125	125
	F	4	King Machined - Medium Shank	D	Band & Buckle	2104						
	F	5	King Machined - Long Shank	E	Prefomed Band Clamp	2100-2101				150	150	
	F	5	King Machined - Long Shank	D	Band & Buckle	2104						
	A	1	Boss-Lock Cam & Groove	E	Prefomed Band Clamp	2100-2101				150	150	
	A	1	Boss-Lock Cam & Groove	D	Band & Buckle	2104						
	A	1	Boss-Lock Cam & Groove	G	Swage/Crimp	see Ram Manual					250	
	D	2	Boss Couplings	A	Boss Interlocking Clamp	2000-2004				600	600	
	K	11	Holedall Internal Expansion	H	Internal Expansion	see Ram Manual						
	F	14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201						
	F	14	King Crimp ST - Sleeve	J	King Crimp Sleeve	4200						
	A	14	King Crimp Cam & Groove - Ferrule	K	King Crimp Ferrule	4201						
	A	14	King Crimp Cam & Groove - Sleeve	J	King Crimp Sleeve	4200						
	Chemical <i>rubber lined for liquid service</i>	K	10	Holedall Swage/Crimp	G	Swage/Crimp	see Ram Manual				600	600
Food Grade conforming to 3A		K	12	Flow Chief Sanitary	H	Internal Expansion	see Ram Manual					
		F	4	King Machined - Medium Shank	E	Prefomed Band Clamp	2100-2101				125	125
		F	4	King Machined - Medium Shank	D	Band & Buckle	2104					
		A	1	Boss-Lock Cam & Groove	E	Prefomed Band Clamp	2100-2101				150	150
		A	1	Boss-Lock Cam & Groove	D	Band & Buckle	2104					
		A	1	Boss-Lock Cam & Groove	G	Swage/Crimp	see Ram Manual					250
		K	11	Holedall Internal Expansion	H	Internal Expansion	see Ram Manual					
		K	10	Holedall Swage/Crimp	G	Swage/Crimp	see Ram Manual				600	600
		F	14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201					
		F	14	King Crimp ST - Sleeve	J	King Crimp Sleeve	4200					
		A	14	King Crimp Cam & Groove - Ferrule	K	King Crimp Ferrule	4201					
		A	14	King Crimp Cam & Groove - Sleeve	J	King Crimp Sleeve	4200					
		Food Grade <i>rubber lined</i>										

3. Do not use this chart if it conflicts with the hose manufacturer's recommendations.
4. All hose assemblies should be pressure tested to hose manufacturers or Rubber Manufacturers Association (R.M.A.) specifications prior to being put into service.
5. Our test experience indicates that coupling retention can vary with changes in hose design. For pressure ratings other than those listed and shown, or if questions arise, please call Dixon at 800.355.1991 for assistance.
6. All hose assembly components must be compatible with the materials and environments with which they are to come in contact.
7. Dixon recommends that all hose assemblies be marked with the assembly working pressure and media of the intended application. Under no circumstances should the assembly working pressure exceed the working pressure of the lowest rated component (coupling, clamp, ferrule or hose).
8. For further safety information refer to pages 9, 790-793.

Procedures can be found at dixonvalve.com or requested by calling 800.355.1991.

Hose (rubber covered)	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	Notes	
Air textile reinforced rubber lined	150									(2) bands on 5/8" or larger; Must use mating Dixon Air King fittings with safety clip installed.	
	150									Coupling and ferrule are sold assembled. Must use mating Dixon Air King fittings with safety clip installed.	
	150									(14) Coupling and ferrule are sold separately. Must use mating Dixon Air King fittings with safety clip installed.	
	100										
	100										
											(2) bands on 1/2" to 1"
		150									
Air textile or wire reinforced rubber lined	300										
	400		350	300		300	300		230	(13) crimp length would be full length	
	150									Must use mating Dixon Air King fittings with safety clip installed.	
	150									Coupling and ferrule are sold assembled. Must use mating Dixon Air King fittings with safety clip installed.	
	150									(14) Coupling and ferrule are sold separately. Must use mating Dixon Air King fittings with safety clip installed.	
	600	600	600	600	450	450	250		250		
	600	600	600	600	600	600	500	450	400		
Asphalt & Hot Tar	400		350	300		300	300		230	(13) crimp length would be full length	
	200	200	200	200	200	200	200			Consult factory	
	125	125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
		125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
	150	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on 1-1/4" & 1-1/2"; (2) bands on the rest	
		150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the rest	
		250	250	250	150	125	100				
Chemical plastic lined for liquid service		250	250	250	150	125	100				
	250		250	250	150	125	100			Requires properly matched stem and ferrule.	
	600	600	600	600	600	600	500				
	400		350	300		300	300		230	(13) crimp length would be full length	
	400		300	250		200	175		75	(13) crimp length would be full length	
	250		250	250		150	150		75	(13) crimp length would be full length	
	250		250	250		125	110		75	(13) crimp length would be full length	
	125	125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
		125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
	150	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on 1-1/4" & 1-1/2"; (2) bands on the rest	
		150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the rest	
	250	250	250	250	150	125	100				
		250	250	250	150	125	100				
Chemical rubber lined for liquid service	250		250	250		125	100			Requires properly matched stem and ferrule.	
	600	600	600	600	450	450	250				
	800	800	800	800	600	600	500			Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules. Internal Expansion is NOT recommended for XLPE, UHMWPE & Gum Rubber lined hoses.	
	400		350	300		300	300		230	(13) crimp length would be full length	
	400		300	250		200	175		75	(13) crimp length would be full length	
	250		250	250		150	150		75	(13) crimp length would be full length	
	250		250	250		125	110		75	(13) crimp length would be full length	
	600	600	600	600	600	600	500				
	Food Grade conforming to 3A										
			250	250		250					Use Stainless Steel Food Grade Ferrule ONLY.
	125	125	125	75	75	50	50	25	25		(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest
		125	125	75	75	50	50	25	25		(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest
	250	250	250	250	150	125	100	75	75		(3) bands on 6"; (2) bands on the rest
	250	250	205	150	125	100	75	75		(3) bands on 6"; (2) bands on the rest	
250		250	250		125	100				Requires properly matched stem and ferrule.	
250		250	250	250	250	200					
600	600	600	600	600	600	500	450	400			
400		350	300		300	300		230		(13) crimp length would be full length	
400		300	250		200	175		75		(13) crimp length would be full length	
250		250	250		150	150		75		(13) crimp length would be full length	
250		250	250		125	110		75		(13) crimp length would be full length	

Safety Information

	DPL sect.	Group ID - Couplings	Couplings	Group ID - Clamps & Ferrules	Clamps & Ferrules	Assembly Procedure	1/4"	3/8"	1/2"	5/8"	3/4"		
Hose (rubber covered)	F	7	Cast Short Shank	E	Prefomed Band Clamp	2100-2101							
	F	7	Cast Short Shank	D	Band & Buckle	2104							
	F	4	King Machined - Medium Shank	E	Prefomed Band Clamp	2100-2101							
	F	4	King Machined - Medium Shank	D	Band & Buckle	2104							
	F	5	King Machined - Long Shank	E	Prefomed Band Clamp	2100-2101							
	F	5	King Machined - Long Shank	D	Band & Buckle	2104							
	A	1	Boss-Lock Cam & Groove	E	Prefomed Band Clamp	2100-2101							
	A	1	Boss-Lock Cam & Groove	D	Band & Buckle	2104							
	A	1	Boss-Lock Cam & Groove	G	Swage/Crimp	see Ram Manual							
	K	10	Holedall Swage/Crimp	G	Swage/Crimp	see Ram Manual							
	K	11	Holedall Internal Expansion	H	Internal Expansion	see Ram Manual							
	F	14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201							
	F	14	King Crimp ST - Sleeve	J	King Crimp Sleeve	4200							
	Material Handling <i>rubber lined</i>	A	14	King Crimp Cam & Groove - Ferrule	K	King Crimp Ferrule	4201						
A		14	King Crimp Cam & Groove - Sleeve	J	King Crimp Sleeve	4200							
F		7	Cast Short Shank	F	Double Bolt Clamp	2201							
F		4	King Machined - Medium Shank	F	Double Bolt Clamp	2201							
F		5	King Machined - Long Shank	F	Double Bolt Clamp	2201							
F		14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201							
F		14	King Crimp ST - Sleeve	J	King Crimp Sleeve	4200							
A		14	King Crimp Cam & Groove - Ferrule	K	King Crimp Ferrule	4201							
A		14	King Crimp Cam & Groove - Sleeve	J	King Crimp Sleeve	4200							
Material Handling <i>no helical wire rubber lined</i>		D	2	Boss Couplings	A	Boss Interlocking Clamp	2000-2004						
		K	10	Holedall Swage/Crimp	G	Swage/Crimp	see Ram Manual						
		K	11	Holedall Internal Expansion	H	Internal Expansion	see Ram Manual						
		F	4	King Machined - Medium Shank	E	Prefomed Band Clamp	2100-2101			125		125	
		F	4	King Machined - Medium Shank	D	Band & Buckle	2104						
	F	5	King Machined - Long Shank	E	Prefomed Band Clamp	2100-2101			150		150		
	F	5	King Machined - Long Shank	D	Band & Buckle	2104							
	A	1	Boss-Lock Cam & Groove	E	Prefomed Band Clamp	2100-2101			150		250		
	A	1	Boss-Lock Cam & Groove	D	Band & Buckle	2104							
	A	1	Boss-Lock Cam & Groove	G	Swage/Crimp	see Ram Manual					250		
	K	11	Holedall Internal Expansion	H	Internal Expansion	see Ram Manual							
	K	10	Holedall Swage/Crimp	G	Swage/Crimp	see Ram Manual			600		600		
	F	14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201							
	Material Handling <i>cement rubber lined</i>	F	14	King Crimp ST - Sleeve	J	King Crimp Sleeve	4200						
A		14	King Crimp Cam & Groove - Ferrule	K	King Crimp Ferrule	4201							
A		14	King Crimp Cam & Groove - Sleeve	J	King Crimp Sleeve	4200							
Petroleum Transfer		K	13	Holedall Petroleum Internal Expansion	I	Internal Expansion (Petroleum)	see Ram Manual						
		Push-On	G	Push-On	N/A	n/a	2001-2002	350	350	350	350	350	
		Steam	D	Boss Couplings	A	Boss Interlocking Clamp	2000-2004			250		250	
		Water	E	3	Air King Universal	E	Prefomed Band Clamp	2100-2101			150	150	150
			E	3	Air King Universal	B,A	Air King or Boss Interlocking Clamp	2000-2001		150	150		150
			E	3	Air King Universal	C	Light Duty Ferrules	2307			150		150
			F	6	Machined - Short Shank	E	Prefomed Band Clamp	2100-2101			150	100	100
			F	6	Machined - Short Shank	C	Light Duty Ferrules	2304	200	150	150	100	100
			F	7	Cast Short Shank	E	Prefomed Band Clamp	2100-2101			150	100	100
			F	7	Cast Short Shank	D	Band & Buckle	2104					
			F	4	King Machined - Medium Shank	E	Prefomed Band Clamp	2100-2101			250	200	200
	F		5	King Machined - Long Shank	E	Prefomed Band Clamp	2100-2101			300	300	300	
	A		1	Boss-Lock Cam & Groove	E	Prefomed Band Clamp	2100-2101			150		250	
	A		1	Boss-Lock Cam & Groove	D	Band & Buckle	2104						
A	1		Boss-Lock Cam & Groove	G	Swage/Crimp	see Ram Manual					250		
D	2		Boss Couplings	A	Boss Interlocking Clamp	2000-2002	600	600	600	600	600		
K	10		Holedall Swage/Crimp	G	Swage/Crimp	see Ram Manual	600	600	600	600	600		
F	14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201								
F	14	King Crimp ST - Sleeve	J	King Crimp Sleeve	4200								
A	14	King Crimp Cam & Groove - Ferrule	K	King Crimp Ferrule	4201								
A	14	King Crimp Cam & Groove - Sleeve	J	King Crimp Sleeve	4200								
Water <i>no helical wire</i>	F	7	Cast Short Shank	F	Double Bolt Clamp	2201							
	F	4	King Machined - Medium Shank	F	Double Bolt Clamp	2201							
	F	5	King Machined - Long Shank	F	Double Bolt Clamp	2201							
	F	14	King Crimp ST - Ferrule	K	King Crimp Ferrule	4201							
	F	14	King Crimp ST - Sleeve	J	King Crimp Sleeve	4200							
	A	14	King Crimp Cam & Groove - Ferrule	K	King Crimp Ferrule	4201							
	A	14	King Crimp Cam & Groove - Sleeve	J	King Crimp Sleeve	4200							

Safety Information

Hose (rubber covered)	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	Notes		
Material Handling <i>rubber lined</i>			75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"		
			75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"		
			125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"		
			125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"		
			150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the res		
			150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the res		
			250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest		
			250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest		
			250	250		125	100			Requires properly matched stem and ferrule.		
			600	600	600	600	500	450	400			
			800	800	600	600	500		400	Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules. Internal Expansion is NOT recommended for XLPE, UHMWPE & Gum Rubber lined hoses.		
		400		350	300		300	300		230	(13) crimp length would be full length	
		400		300	250		200	175		75	(13) crimp length would be full length	
	Material Handling <i>no helical wire rubber lined</i>			75	75	50	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest	
			125	75	75	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest		
			150	125	100	75	75			(3) double bolt clamps on all sizes		
		400		350	300		300	300		230	(13) crimp length would be full length	
		400		300	250		200	175		75	(13) crimp length would be full length	
		250		250	250		150	150		75	(13) crimp length would be full length	
		250		250	250		125	110		75	(13) crimp length would be full length	
Material Handling <i>cement rubber lined</i>			600	600	600	600	450	450	250		250	Cement will erode ID
			600	600	600	600	600	600	500	450	400	Cement will erode ID
			800	800	800	800	600	600	500		400	Cement will erode ID Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules.
		125	125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
			125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
			150	150	150	125	100	75	75		(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on 1-1/4" & 1-1/2"; (2) bands on the rest	
			150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the rest	
			250	250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest	
			250	250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest	
			250	250	250		125	100			Requires properly matched stem and ferrule.	
Petroleum Transfer		800	800	800	800	600	600	500		400	Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules.	
		600	600	600	600	600	600	500	450	400		
		400		350	300		300	300		230	(13) crimp length would be full length	
		400		300	250		200	175		75	(13) crimp length would be full length	
		250		250	250		150	150		75	(13) crimp length would be full length	
		250		250	250		125	110		75	(13) crimp length would be full length	
	Air Craft Refueling conforming to API 1529	300	300	300	300	300	300	300				
	Push-On										Push-On fittings should ONLY be used on Push-On hose.	
	Steam	250	250	250	250	250	250	250		250		
	Water		150									(2) bands on 5/8" or larger; Must use mating Dixon Air King fittings with safety clip installed. Band & Buckle is NOT recommended for 1-1/2" and smaller.
		150									Must use mating Dixon Air King fittings with safety clip installed. Band & Buckle is NOT recommended for 1-1/2" and smaller.	
		150									(14) Coupling and ferrule are sold separately. Must use mating Dixon Air King fittings with safety clip installed.	
		100									(1) band; Band & Buckle is NOT recommended for 1-1/2" and smaller.	
		100										
		100	75	75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
			75	75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
		150	150	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest	
		300	300	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on 1-1/4" & 1-1/2"; (2) bands on the rest	
		250	250	250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest	
			250	250	250	150	125	100	75	75	(3) bands on 6"; (2) bands on the rest	
		250		250	250		125	100			Requires properly matched stem and ferrule.	
		600	600	600	600	450	450	250		250		
		600	600	600	600	600	600	500	450	400		
	400		350	300		300	300		230	(13) crimp length would be full length		
	400		300	250		200	175		75	(13) crimp length would be full length		
	250		250	250		150	150		75	(13) crimp length would be full length		
	250		250	250		125	110		75	(13) crimp length would be full length		
Water <i>no helical wire</i>			75	75	50	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest		
			125	75	75	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest		
			150	125	100	75	75			(3) double bolt clamps on all sizes		
		400		350	300		300	300		230	(13) crimp length would be full length	
		400		300	250		200	175		75	(13) crimp length would be full length	
		250		250	250		150	150		75	(13) crimp length would be full length	
		250		250	250		125	110		75	(13) crimp length would be full length	
		250		250	250		125	110		75	(13) crimp length would be full length	

Dixon's Mobile Training Resources



Solutions on Site Van



Mobile Connections Trailer

Dixon's mobile training resources provide hands-on opportunities for distributors and end users to learn more about the selection, installation and maintenance of Dixon fittings and accessories. Call 800.355.1991 for additional information.

Hose Assembly Safety Survey Center for:

- program introduction
- classroom instruction with audio visual display
- presentation of survey results and follow-up



Training for Distributors and End-Users in:

- product selection
- product installation
- safe product usage

Product Displays featuring:

- Dixon Accessories
- Dixon Bayco
- Dixon Boss
- Dixon Brass
- Dixon Eagle
- Dixon Powhatan
- Dixon Quick Coupling
- Dixon Sanitary
- Dixon Specialty Products



S.T.A.M.P.E.D.


Questions to Ask

- S** Size
- T** Temperature
- A** Application
- M** Media
- P** Pressure
- E** Ends
- D** Dixon

Selecting Materials

This information is intended to help make general comparisons between different available materials.

Material	Features and Benefits
Stainless Steel	A corrosion-resistant material that provides high strength at high temperatures, helps prevent contamination of product being transported, maintains cleanliness, and retains a lustrous appearance. Harder than brass. <i>Type 304</i> is a low-carbon chromium-nickel stainless steel. <i>Type 316</i> is similar to type 304, but has a high nickel content as well as a molybdenum for stronger resistance to heat and corrosion. Often used for water, oil, gas, and steam in low- to high-pressure applications.
Brass	Has good corrosion resistance and is less expensive than stainless steel. Is softer and easier to thread than stainless steel and forms tight seals. It can be used interchangeably with copper where heavier walls are required. Found in plumbing and heating application. Also good with oil, natural gas, and air. Resists corrosion from salt water as well as fresh water polluted with waste from mineral acids and peaty soils. Use in low- to high-pressure applications.
Steel	Used in noncorrosive environments. This carbon- and iron-based metal is hard and strong. It is an economical alternative to stainless steel and brass in high-pressure applications. For use with water, oil, gas, and steam in low- to high-pressure applications where corrosion is not a problem.

 Product application is based not only on material selection but on design of product for intended use. Please contact Dixon for selection of the proper fitting for your application.

Trademarks

Delrin® and Zytel® are registered trademarks of E.I. duPont Nemours and Company.

Kalrez® are registered trademarks of DuPont Dow Elastomers.

All other trademarks appearing in Dixon's Illustrated Price List are the property of their respective owners.

Corrosion Resistance of Coupling Material

⚠ WARNING

The following data has been compiled from generally available sources and should not be relied upon without consulting and following the specific recommendations of the manufacturer regarding particular coupling materials.

Ratings

Metal
1 = Excellent
2 = Good
3 = Fair
X = Not Recommended
- = Contact Dixon

Non-Metal
A = Acceptable
X = Not Recommended
- = Contact Dixon

Gasket/Seal Material
T = PTFE
V = FKM
E = EPDM, EPR
N = Neoprene
B = Buna N

1. Ratings given are based at 70°F. Chemical compatibility varies greatly with temperature. For applications at temperatures other than 70°F, contact Dixon for recommendations at 800.355.1991.
2. Gasket / seal materials are not necessarily listed in order of preference.
3. Chemical resistance of a material does not necessarily indicate the suitability of a fitting in a given application due to variables such as improper clamp and coupling application, special hose construction, gasket material, etc.



Special caution should be taken when handling hazardous materials.

Technical Information

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Seal Material
Acetate Solvents (Crude)	1	X	X	1	2	2	1	1	A	X	T
Acetate Solvents (Pure)	1	1	1	1	X	1	1	1	A	X	T
Acetic Acid (80%)	3	X	X	1	X	1	1	1	X	X	TEVNB
Acetic Acid (50%)	2	X	X	1	X	2	2	1	X	X	TEVNB
Acetic Acid (20%)	2	X	X	1	X	2	2	1	X	X	TEVNB
Acetic Acid (10%)	2	X	2	1	X	2	1	1	X	X	TEVNB
Acetic Anhydride	2	X	2	1	2	2	2	2	X	X	TNB
Acetone	1	2	2	1	2	1	1	1	A	X	TE
Acetylene	1	X	X	2	2	2	1	1	X	X	TEVNB
Alcohols											
Amyl Alcohol	2	2	2	2	2	1	2	2	A	A	TEVNB
Benzyl Alcohol	2	2	2	2	2	1	1	1	X	A	TVB
Butyl Alcohol	1	2	1	2	2	1	1	1	A	A	TEVN
Diacetone Alcohol	1	1	2	1	2	1	2	2	X	A	TE
Ethyl Alcohol	1	2	2	1	2	2	2	2	X	A	TEVNB
Hexyl Alcohol	-	-	-	1	-	-	-	-	A	-	-
Isobutyl Alcohol	-	-	-	-	-	-	-	-	A	-	-
Isopropyl Alcohol	2	2	2	2	2	2	2	2	A	A	TEVNB
Methyl Alcohol (Methanol)	2	2	2	1	2	2	2	2	A	A	TENB
Octyl Alcohol	-	-	-	-	-	-	-	-	A	-	-
Propyl Alcohol	2	2	2	1	2	2	1	1	X	A	TEVNB
Aluminum											
Aluminum Chloride (Aqu.)	X	X	X	1	X	X	X	X	A	A	TEVNB
Aluminum Fluoride (Sat.)	2	-	-	-	X	2	X	2	X	A	TEVNB
Aluminum Nitrate (Sat.)	3	X	-	-	X	-	2	2	A	A	TEVNB
Aluminum Potassium Sulfate (Alum)	2	2	2	2	X	2	X	2	X	A	TEVNB
Aluminum Sulfate (Sat.)	X	X	2	2	X	2	-	2	A	A	TEVNB
Ammonia											
Ammonia Anhydrous	1	X	X	2	1	1	2	1	A	X	TENB
Ammonia Gas	X	X	X	1	1	X	1	1	A	X	TENB
Ammonia Nitrate	-	-	-	-	-	-	-	-	X	-	-
Ammonium											
Ammonium Bifluoride	-	X	-	2	X	2	-	-	X	A	TEVB
Ammonium Carbonate (Sat.)	2	X	X	2	2	2	2	2	A	A	TEVNB
Ammonium Casenate	-	-	-	-	-	-	-	-	A	-	-
Ammonium Chloride (Sat.)	X	X	2	2	X	2	X	X	A	A	TEVNB
Ammonium Hydroxide (Sat.)	2	X	X	2	1	X	2	2	A	A	TEVNB
Ammonium Nitrate	2	X	X	-	X	X	-	-	A	A	TENB
Ammonium Phosphate (10-40%)	X	X	X	-	X	2	1	2	A	A	TEVNB
Ammonium Sulfate (10-40%)	X	X	3	2	X	2	X	2	A	A	TEVNB
Aniline	-	X	2	2	X	2	1	1	X	X	TV
Arsenic Acid	X	X	2	2	X	X	2	2	X	A	TEVNB
Asphalt	-	-	-	-	2	-	-	2	X	X	TV
Barium											
Barium Carbonate (Sat.)	X	2	2	2	2	2	2	2	A	A	TEVNB
Barium Chloride (Sat.)	-	2	2	1	-	2	X	-	A	A	TEVNB
Barium Hydroxide (Sat.)	X	2	X	2	2	1	2	2	A	A	TEVNB
Barium Sulfate	2	2	2	-	X	2	2	2	A	A	TEVNB
Barium Sulfide	X	X	X	-	2	X	2	2	A	A	TEVNB
Beer	1	2	2	1	2	1	1	1	A	A	TEVNB
Benzaldehyde	2	2	2	2	X	2	2	2	X	X	TE
Benzene, Benzol	1	2	2	2	2	2	2	2	A	X	TV
Benzine	-	-	-	-	-	-	-	-	A	X	-
Benzoic Acid	2	2	2	-	X	2	2	2	X	X	TVN
Black Liquor	X	X	X	X	-	2	2	2	X	A	TEVNB
Bleach (12.5% Active Chlorine)	X	-	-	1	X	-	-	X	X	A	TEVN
Borax	X	2	2	1	2	1	1	1	X	A	TEVNB
Boric Acid	1	X	2	1	X	2	-	-	X	A	TEVNB
Brine Acid	-	2	2	1	-	-	-	-	X	A	TEVNB
Bromic acid	X	X	X	-	-	X	-	-	X	A	TEVN
Bromine Liquid	2	-	-	-	-	-	X	X	X	X	TV
Butadiene, Butylene	2	2	2	2	2	1	2	2	X	X	TVNB
Butane	2	2	2	2	1	1	2	2	X	X	TV
Butyl Acetate	1	2	2	2	2	2	2	2	A	X	T
Butyric Acid	2	2	X	1	X	2	2	2	A	A	TV

Ratings given are based at 70°F.

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Seal Material
Calcium											
Calcium Bisulfate	X	-	X	-	X	X	X	2	X	A	T
Calcium Bisulfide	-	-	-	-	-	2	-	2	A	A	TVB
Calcium Bisulfite	X	X	2	2	X	X	-	2	X	A	TVNB
Calcium Bromide	X	2	2	-	X	2	1	X	X	X	T
Calcium Carbonate	X	2	2	2	2	2	1	2	A	A	TEVB
Calcium Chloride (Sat.)	-	2	-	1	2	2	-	-	A	A	TEVNB
Calcium Hydroxide (Sat.)	X	2	X	-	2	2	2	2	A	A	TEVNB
Calcium Hypochlorite (Sat.)	X	X	X	-	X	X	X	2	X	A	TEV
Carbon											
Carbon Bisulfide	1	X	2	2	2	X	2	2	A	X	TV
Carbon Dioxide (Dry)	1	1	2	1	2	1	2	2	A	A	TENB
Carbon Dioxide (Wet)	1	X	-	2	3	-	2	2	X	A	TENB
Carbon Disulfide	1	X	2	2	2	X	2	2	A	X	TV
Carbon Monoxide	1	1	1	1	2	1	1	1	A	A	TEVNB
Carbon Tetrachloride	X	-	1	1	2	1	1	-	A	X	TV
Carbonic Acid	1	2	2	1	2	3	2	2	X	A	TEVNB
Castor Oil	2	2	2	1	2	1	2	2	X	A	TEVNB
Caustic Potash	X	-	-	1	X	-	-	2	A	A	TEVNB
Caustic Soda (see Sodium Hydroxide)											
Cellosolves	2	2	2	2	2	2	2	2	X	A	TE
Chlorine (Liquid)	-	-	-	1	2	2	-	3	X	X	TV
Chloroform	-	-	-	2	X	1	-	-	X	X	TV
Chlorosulfonic Acid	-	X	X	1	2	2	X	X	X	X	T
Clorox (Bleach, 5.5% CL)	X	-	-	-	X	-	-	2	X	-	TEVB
Chromic Acid (50%)	2	X	X	2	X	X	3	-	X	X	TVNB
Citric Acid	3	X	X	1	X	2	-	-	X	A	TEVNB
Coke Oven Gas	2	3	3	-	2	2	2	2	X	X	TEVN
Copper											
Copper Chloride	X	X	X	2	X	X	X	X	A	A	TEVNB
Copper Cyanide	X	X	X	1	-	X	2	2	X	-	TEVNB
Copper Sulfate	X	X	X	1	X	X	-	2	A	A	TEVNB
Cryslc Acid (Conc.)	2	2	X	-	2	3	2	2	X	X	TEV
Cyclohexane	2	2	2	2	2	1	2	2	A	X	TVB
Detergents	2	2	2	1	2	-	1	2	A	A	TEVNB
Dextrose	2	-	-	2	-	2	-	-	A	A	TEVNB
Diesel Fuels	1	1	1	2	2	-	1	1	A	X	TVB
Diethylamine	2	-	X	-	X	1	2	2	X	A	TN
Disodium Phosphate	-	-	-	-	1	-	-	1	A	A	TEV
Ethers	2	2	2	2	2	2	1	1	A	X	TB
Ethyl											
Ethyl Acetate	-	-	2	2	2	2	2	2	A	X	T
Ethyl Chloride	-	-	2	2	2	2	-	1	A	X	TEVB
Ethylene											
Ethylene Chloride	-	-	-	-	2	2	-	-	A	X	TV
Ethylene Dichloride	-	2	X	2	2	1	2	2	A	X	TV
Ethylene Glycol	1	2	2	1	2	2	2	2	A	X	TEVNB
Ethylene Oxide	X	X	X	1	3	2	2	2	X	X	T
Fatty Acids	1	3	3	1	X	2	-	1	A	A	TVNB
Ferric											
Ferric Chloride	X	X	2	2	X	X	X	X	X	A	TEVNB
Ferric Hydroxide	-	-	-	1	-	2	1	1	A	-	TEVNB
Ferric Nitrate (10-50%)	X	X	X	-	X	X	2	2	X	A	TEVNB
Ferric Sulfate	X	X	X	-	X	2	-	-	X	A	TEVNB
Ferrous											
Ferrous Chloride (Sat.)	X	X	2	2	-	X	X	X	X	A	TEVNB
Ferrous Sulfate	2	2	2	2	X	2	2	-	X	A	TEVNB
Fluboric Acid	X	-	-	1	1	2	-	-	X	A	TEVNB
Formaldehyde (50%)	-	2	2	2	X	2	1	1	X	A	TEN
Formic Acid (Anhyd.)	1	X	2	1	X	2	-	-	X	A	TEVN
Freon											
Freon 11	2	2	2	-	X	1	2	2	X	X	TVNB
Freon 12	2	2	2	1	X	2	2	2	X	X	TVNB
Freon 22	2	2	2	2	X	2	2	2	X	X	TN
Fruit Juices	2	2	3	1	X	1	2	2	A	A	TVNB
Fuel Oil	2	2	2	2	2	2	2	2	A	X	TVNB
Furfural	2	2	2	2	2	2	2	2	A	X	TEN

Technical Information

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Seal Material
Gasoline											
Refined Gasoline	2	2	2	2	2	2	2	2	A	X	TVNB
Sour Gasoline	X	2	2	2	2	X	2	2	A	X	TVNB
Gelatin	2	2	2	-	X	2	2	2	A	A	TEVNB
Glucose	2	2	2	-	2	2	2	2	A	A	TEVNB
Glue	2	2	2	1	2	2	-	2	-	A	TEVNB
Glycerine	1	1	2	1	2	1	1	1	A	A	TEVNB
Glycols	2	2	2	-	2	2	2	2	A	A	TEVNB
Green Liquor	-	-	-	-	2	-	-	-	-	A	TEVNB
Heptane	2	2	2	1	2	2	2	2	A	X	TVNB
Hexane	2	2	2	1	2	2	1	1	A	X	TVNB
Hydrobromic Acid (50%)	X	X	X	2	X	X	X	X	X	A	TEV
Hydrobromic Acid (20%)	X	X	X	1	X	X	X	X	X	A	TEV
Hydrochloric Acid (20%)	X	X	X	1	X	3	X	X	X	A	TEVNB
Hydrochloric Acid (38%)	X	X	X	1	X	X	X	X	X	A	TEVN
Hydrocyanic Acid	2	X	X	2	2	2	2	2	X	A	TEVN
Hydrofluosilicic Acid (10-50%)	X	2	X	2	X	2	X	2	X	-	TEVNB
Hydrogen											
Hydrogen Peroxide (50%)	-	X	X	2	X	2	-	-	X	A	TEV
Hydrogen Sulfide (Aqu.)	-	-	-	2	-	2	X	2	X	A	TE
Hydrogen Chloride (Dry Gas)	X	2	-	1	2	1	-	-	X	A	TEVN
Hydrogen Gas	1	1	1	1	-	1	1	1	X	A	TEVNB
Hypochlorous Acid	X	X	X	2	X	X	X	X	X	X	TEV
Iodine	1	X	X	-	X	1	X	X	X	A	TEV
Isopropyl Ether	-	2	2	-	-	2	1	2	A	X	T
Jet Fuel (JP4, JP5)	2	1	2	1	2	2	2	2	X	X	TV
Kerosene	2	2	2	2	2	2	2	2	X	X	TVNB
Ketones	2	2	2	1	2	2	2	2	A	X	T
Lactic Acid (25%)	3	2	2	1	X	X	-	-	A	A	TEVN
Lactic Acid (80%)	2	2	X	2	X	-	-	-	A	A	TEVN
Lard Oil	2	-	2	1	3	2	2	2	A	A	TVB
Lead											
Lead Acetate	X	X	X	2	X	2	2	2	X	A	TENB
Lead Chloride	X	-	-	2	-	-	2	2	X	-	TVNB
Lead Sulfate	X	-	-	2	X	2	2	2	X	-	TEVNB
Lime Sulphur	X	X	X	-	X	2	2	2	X	A	TEVN
Linoleic Acid	2	X	3	2	X	2	2	2	X	A	TVB
Linseed Oil	2	2	2	2	2	2	2	2	A	A	TVNB
Lubricants (Oil)	2	1	-	-	2	2	2	2	A	X	TVNB
Magnesium											
Magnesium Carbonate	2	-	-	-	-	2	2	2	X	A	TEVNB
Magnesium Chloride	X	X	2	1	-	-	-	-	X	A	TEVNB
Magnesium Hydroxide	2	2	2	1	2	2	1	1	X	A	TEVNB
Magnesium Nitrate	2	2	2	1	2	2	2	2	X	A	TEVNB
Magnesium Oxide	-	-	-	-	-	-	-	-	X	-	-
Magnesium Sulfate	2	-	2	-	-	1	2	2	X	A	TEVNB
Maleic Acid	-	2	3	2	X	-	-	2	X	A	TEV
Mercuric											
Mercuric Chloride	X	X	X	-	X	X	X	-	X	A	TEVB
Mercuric Cyanide	X	X	X	2	X	2	2	2	X	A	TEVB
Mercury	X	X	X	1	2	-	1	1	A	A	TEVNB
Methane	1	1	2	1	2	1	1	1	A	X	TEVNB
Methanol	2	2	2	1	2	2	2	2	A	A	TENB
Methyl											
Methyl Bromide	X	-	-	-	2	-	2	2	X	X	TV
Methyl Ethyl Ketone	2	2	2	2	2	2	2	2	A	X	TE
Methyl Isobutyl Ketone	2	2	2	2	2	2	2	2	A	X	T
Methyl Methacrylate	2	-	-	-	X	-	2	2	X	A	T
Methylene Chloride	-	2	2	X	2	-	-	-	A	X	T
Milk	1	X	X	1	2	X	1	1	A	A	TEVNB
Mineral Oil	2	1	-	-	2	1	1	2	A	A	TVNB
Muriatic Acid	X	-	-	1	-	X	X	X	X	A	TV
Napthalene	2	2	2	2	2	2	1	1	A	A	TV
Naptha	2	2	2	2	2	2	2	2	A	X	TVB

Ratings given are based at 70°F.

Technical Information

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Seal Material
Nickel											
Nickel Chloride	X	X	X	-	X	2	-	-	X	A	TEVNB
Nickel Sulfate	X	X	-	2	-	-	2	2	X	A	TEVNB
Nitric											
Nitric Acid (100%)	1	X	X	2	X	X	2	-	X	X	TV
Nitric Acid (50%)	X	X	X	1	X	X	2	-	X	X	TV
Nitric Acid (30%)	X	X	X	1	X	X	1	-	X	X	TV
Nitrobenzene	1	2	2	-	2	2	2	2	A	A	T
Oils											
Castor Oil	2	2	2	1	2	1	2	2	A	A	TEVNB
Coconut Oil	2	-	2	-	3	2	2	2	A	A	TVB
Corn Oil	2	2	2	-	2	2	-	2	A	A	TVNB
Cotton Seed Oil	2	2	2	-	2	1	2	2	A	A	TVNB
Fuel Oil	2	2	2	2	2	2	2	2	A	X	TVNB
Linseed Oil	2	2	2	2	2	2	2	2	A	A	TVNB
Mineral Oil	2	1	-	-	2	1	1	2	A	A	TVNB
Silicon Oil	2	1	2	-	2	-	2	2	A	A	TEVB
Vegetable Oil	2	2	2	1	2	1	1	1	A	X	TVNB
Oleic Acid	2	3	2	2	2	1	-	1	A	X	TB
Oleum	2	X	X	-	2	X	2	2	X	X	TV
Oxalic Acid (Sat.)	2	-	2	2	X	2	X	X	X	A	TEV
Oxygen	2	2	2	-	2	2	2	2	X	X	TEVNB
Palmitic Acid (Sat.)	2	3	2	-	3	2	2	2	X	A	TVB
Paraffin	2	2	2	2	2	2	2	2	A	A	TVNB
Perchloroethylene	2	2	2	2	2	1	-	-	X	X	TV
Petrolatum	2	-	2	-	3	2	2	2	A	-	TVNB
Phenol (Carbolic Acid)	1	1	X	1	2	1	-	1	X	X	TV
Phosphoric Acid											
Phosphoric Acid (25-50%)	X	X	2	1	X	X	-	-	X	A	TEVN
Phosphoric Acid (50-85%)	X	X	X	1	X	3	-	-	X	A	TEV
Photographic Solutions											
Phthalic Anhydride	-	2	2	1	2	1	1	1	X	X	TEV
Picric Acid	1	X	X	2	X	X	2	2	X	-	TEVNB
Plating Solutions											
Brass Plating Solution	-	-	-	1	-	-	-	2	X	A	TEVNB
Cadmium Plating Solution	-	-	-	1	-	-	-	2	X	A	TEVNB
Chrome 40% Plating Solution	X	2	2	1	X	X	2	2	X	A	TEVN
Copper (Cyanide) Plating Solution	-	-	-	1	-	-	-	-	X	A	TEVNB
Gold Plating Solution	-	-	-	1	-	-	-	1	X	A	TEVNB
Iron Plating Solution	-	-	-	-	-	-	-	-	X	A	TEVB
Lead Plating Solution	-	-	-	-	-	-	1	1	X	A	TEVNB
Nickel Plating Solution	-	-	-	1	-	-	1	1	X	A	TEVNB
Silver Plating Solution	-	-	-	1	-	-	1	1	X	A	TEVNB
Tin Plating Solution	-	-	-	1	-	-	-	3	X	A	TEVNB
Zinc Plating Solution	-	-	-	1	-	-	-	-	X	A	TEVNB
Potassium											
Potassium Acetate	X	X	X	-	2	-	-	-	A	A	TEVB
Potassium Bicarbonate (30%)	X	2	-	2	2	2	1	1	A	A	TEVNB
Potassium Carbonate (50%)	X	2	X	2	2	2	1	1	A	A	TEVNB
Potassium Chlorate (30%)	2	X	X	-	2	2	2	1	X	A	TEVNB
Potassium Chloride (30%)	X	X	2	-	2	1	-	-	A	A	TEVNB
Potassium Chromate (30%)	2	2	2	2	-	2	2	2	X	A	TEVB
Potassium Cyanide Solution (30%)	X	X	X	2	2	2	2	2	X	A	TEVNB
Potassium Dichromate (30%)	1	2	2	2	2	2	1	1	X	A	TEVB
Potassium Hydroxide (90%)	X	X	X	2	-	2	X	-	X	A	TENB
Potassium Nitrate (80%)	1	2	2	2	2	2	2	2	X	A	TEVNB
Potassium Permanganate (20%)	2	2	2	1	2	2	2	2	X	A	TEVN
Potassium Sulfate (10%)	1	2	2	1	2	1	1	1	A	A	TEVNB
Propane											
Propane	1	1	1	2	2	1	2	2	X	X	TVB
Propylene Glycol											
Propylene Glycol	2	2	2	2	2	2	2	2	A	A	TVNB
Propylene Oxide (90%)											
Propylene Oxide (90%)	-	-	-	-	-	-	1	1	X	X	TE
Pyridine											
Pyridine	2	2	2	-	2	2	2	2	A	X	T
Pyrogalllic Acid											
Pyrogalllic Acid	2	2	2	2	2	2	2	2	X	X	TVNB
Silver Nitrate											
Silver Nitrate	X	X	X	-	X	X	2	1	X	A	TEVNB
Soap Solutions											
Soap Solutions	2	2	2	1	2	2	2	2	A	A	TEVNB

Ratings given are based at 70°F.

Technical Information

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel, 304	Stainless Steel, 316	Nylon	Polypropylene	Seal Material
Sodium											
Sodium Acetate	1	2	2	-	X	2	2	2	A	A	TEN
Sodium Bicarbonate (20%)	2	2	2	1	3	1	1	1	A	A	TEVNB
Sodium Bisulfate	X	-	2	2	2	-	-	-	A	A	TEVNB
Sodium Bisulfite	X	2	X	2	X	-	-	-	A	A	TEVNB
Sodium Borate	2	2	2	2	3	2	2	2	A	A	TEVNB
Sodium Perborate (10%)	2	X	2	2	2	2	2	2	X	A	TEVNB
Sodium Carbonate	X	2	-	2	2	1	-	2	A	A	TEVNB
Sodium Chlorate (50%)	2	2	2	1	X	1	2	2	X	A	TEVNB
Sodium Cyanide	X	X	X	2	2	X	-	-	A	A	TEVNB
Sodium Dichromate	2	X	X	1	2	-	2	2	X	A	TE
Sodium Hydroxide (70%)	X	X	X	1	3	1	2	2	X	A	TENB
Sodium Hydroxide (50%)	X	X	3	1	3	1	1	-	X	A	TENB
Sodium Hydroxide (30%)	X	2	3	2	2	1	1	1	X	A	TENB
Sodium Chloride (30%)	X	2	2	2	2	1	-	-	X	A	TEVNB
Sodium Hypochlorite	X	X	X	-	X	X	-	-	X	A	TEV
Sodium Metaphosphate	X	X	2	-	X	2	2	2	X	X	TEVNB
Sodium Nitrate (40%)	1	2	-	-	2	2	1	1	A	A	TENB
Sodium Perborate (10%)	2	X	2	2	2	2	2	2	X	A	TEVNB
Sodium Peroxide (10%)	2	X	X	2	2	2	2	2	X	A	TEVNB
Sodium Silicate	1	2	2	2	2	2	2	2	A	A	TEVNB
Sodium Sulfate	-	2	2	2	2	-	-	1	A	A	TEVNB
Sodium Sulfide (50%)	X	X	X	2	2	2	-	2	X	A	TEVNB
Sodium Thiosulphate	2	X	X	2	X	2	2	2	A	A	TEVNB
Stannic Chloride	X	X	X	-	X	X	X	X	X	A	TEVNB
Stannous Chloride	X	X	X	2	X	-	X	-	X	X	TEVNB
Steam	-	-	-	-	-	-	-	-	X	-	-
Stearic Acid	2	3	2	1	3	3	2	1	A	A	TVNB
Stoddard's Solvent	2	2	2	1	2	2	2	2	X	A	TVB
Sugar Liquors (Cane)	1	2	1	-	2	2	2	2	A	A	TEVNB
Sugar Liquors (Beet)	1	2	1	-	2	1	1	1	A	A	TEVNB
Sulfate Liquors	2	X	X	2	3	2	-	2	X	A	TVNB
Sulfite Liquors	X	X	-	1	X	X	2	2	X	X	TVNB
Sulfur Chloride	X	-	X	2	X	X	-	-	X	X	TV
Sulfur Dioxide (Dry)	2	2	2	2	1	2	-	2	X	A	TE
Sulfur Trioxide	2	2	X	2	2	2	-	2	X	X	TEV
Sulfuric Acid (TO 10%)	X	2	X	1	X	X	X	X	X	A	TEVNB
Sulfuric Acid (100%)	X	X	X	1	2	X	-	-	X	X	TV
Sulfurous Acid	2	2	X	-	X	X	X	-	X	A	TV
Tannic Acid	X	-	X	-	X	2	2	2	X	A	TEVNB
Tanning Liquors	1	-	2	1	-	-	1	1	X	A	TVNB
Tartaric Acid	-	-	2	2	-	-	1	1	A	A	TVNB
Titanium Tetrachloride	X	X	X	2	2	2	-	2	X	X	TV
Toluene	1	1	1	1	1	1	1	1	A	X	TVB
Tetrahydrofuran	X	-	2	1	1	-	1	2	A	X	T
Tomato Juice	2	-	3	2	3	2	2	2	X	A	TEVNB
Trichloroethylene	1	-	2	1	2	-	-	-	A	X	TV
Triethanolamine	2	X	2	2	2	2	2	2	A	X	TEVN
Triethylamine	-	-	-	-	-	2	2	2	A	X	TVB
Trisodium Phosphate (10%)	X	2	-	1	2	2	1	1	A	A	TVNB
Turpentine	2	X	2	2	2	1	1	1	X	X	TVB
Urea (50%)	2	-	2	-	2	2	2	2	A	A	TEVNB
Urine	-	-	-	-	2	-	1	1	X	A	TEVNB
Vinegar	X	X	2	2	2	2	2	2	X	A	TEVN
Water Acid (Mine)	X	X	X	1	X	-	-	-	X	A	TEVNB
Water (Distilled)	X	2	2	1	X	X	2	2	A	A	TEVNB
Water (Sea)	2	2	2	1	X	2	2	2	A	A	TEVNB
Whiskey	X	2	2	1	2	2	1	1	X	A	TEVNB
White Liquor (Pulp)	2	-	X	2	X	X	2	2	X	A	TEVNB
Wine	X	2	2	1	X	2	1	1	X	A	TEVNB
Xylene	2	2	2	1	2	2	2	2	A	X	TV
Zinc											
Zinc Chloride	X	X	X	2	X	-	X	2	A	A	TEVNB
Zinc Nitrate	-	-	-	-	-	-	2	2	X	A	TEVNB
Zinc Sulfate (50%)	X	2	2	2	X	2	1	1	X	A	TEVNB

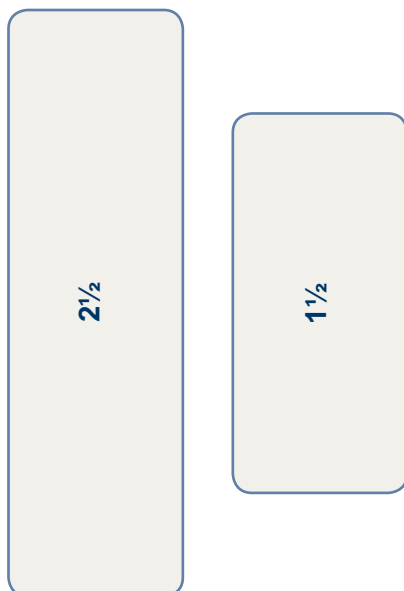
Ratings given are based at 70°F.

Fittings Size Chart

Male NPT Thread Sizes



Male NST Thread Sizes



Temperature Conversions

Look up reading in middle column (shaded). If in degrees Centigrade, read Fahrenheit equivalent in right-hand column; if in degrees Fahrenheit, read Centigrade equivalent in left-hand column.

°C	°F	°C	°F	°C	°F	°C	°F	
-73	-100	-148	5.0	41	105.8	33.3	92	197.6
-68	-90	-130	5.6	42	107.6	33.9	93	199.4
-62	-80	-112	6.1	43	109.4	34.4	94	201.2
-57	-70	-94	6.7	44	111.2	35.0	95	203.0
-51	-60	-76	.72	45	113.0	35.6	96	204.8
-46	-50	-58	7.8	46	114.8	36.1	97	206.6
-40	-40	-40	8.3	47	116.6	36.7	98	208.4
-34	-30	-22	8.9	48	118.4	37.2	99	210.2
-29	-20	-4	9.4	49	120.2	37.8	100	212.0
-23	-10	14	10.0	50	122.0			
-17.8	0	32	10.6	51	123.8	43	110	230
-17.2	1	33.8	11.1	52	125.6	49	120	248
-16.7	2	35.6	11.7	53	127.4	54	130	266
-16.1	3	37.4	12.2	54	129.2	60	140	284
-15.6	4	39.2	12.8	55	131.0	66	150	302
-15.0	5	41.0	13.3	56	132.8	71	160	320
-14.4	6	42.8	13.9	57	134.6	77	170	338
-13.9	7	44.6	14.4	58	136.4	82	180	356
-13.3	8	46.4	15.0	59	138.2	88	190	374
-12.8	9	48.2	15.6	60	140.0	93	200	392
-12.2	10	50.0	16.1	61	141.8	99	210	410
-11.7	11	51.8	16.7	62	143.6	100	212	413.6
-11.1	12	53.6	17.2	63	145.4	104	220	428
-10.6	13	55.4	17.8	64	147.2	110	230	446
-10.0	14	57.2	18.3	65	149.0	116	240	464
-9.4	15	59.0	18.9	66	150.8	121	250	482
-8.9	16	60.8	19.4	67	152.6	127	260	500
-8.3	17	62.6	20.0	68	154.4	132	270	518
-7.8	18	64.4	20.6	69	156.2	138	280	536
-7.2	19	66.2	21.1	70	158.0	143	290	554
-6.7	20	68.0	21.7	71	159.8	149	300	572
-6.1	21	69.8	22.2	72	161.6	154	310	590
-5.6	22	71.6	22.8	73	163.4	160	320	608
-5.0	23	73.4	23.3	74	165.2	166	320	626
-4.4	24	75.2	23.9	75	167.0	170	338	640
-3.9	25	77.0	24.4	76	168.8	171	340	644
-3.3	26	78.8	25.0	77	170.6	177	350	662
-2.8	27	80.6	25.6	78	172.4	182	360	680
-2.2	28	82.4	26.1	79	174.2	186	366	691
-1.7	29	84.2	26.7	80	176.0	188	370	698
-1.1	30	86.0	27.2	81	177.8	193	380	716
-.6	31	87.8	27.8	82	179.6	198	388	730
0	32	89.6	28.3	83	181.4	199	390	734
.6	33	91.4	28.9	84	183.2	204	400	752
1.1	34	93.2	29.4	85	185.0	208	406	763
1.7	35	95.0	30.0	86	186.8	210	410	770
2.2	36	96.8	30.6	87	188.6	216	420	788
2.8	37	98.6	31.1	88	190.4	221	430	806
3.3	38	100.4	31.7	89	192.2	227	440	824
3.9	39	102.2	32.2	90	194.0	232	450	842
4.4	40	104.0	32.8	91	195.8			

Steam Temperature - Pressure Conversion Guide

Temperature - Pressure Equivalents of Saturated Steam Gauge Pressure at Sea Level

• Degrees Celsius = 5/9 (Degrees F - 32)

Temperature		Lbs. per Sq. Inch	Temperature		Lbs. per Sq. Inch	Temperature		Lbs. per Sq. Inch
°F	°C		°F	°C		°F	°C	
212	100.0	0.0	286	141.1	39.4	336	168.9	97.1
214	101.1	0.6	287	141.7	40.3	337	169.4	98.7
216	102.2	1.2	288	142.2	41.1	338	170.0	100.2
218	103.3	1.8	289	142.8	42.0	339	170.6	101.8
220	104.4	2.5	290	143.3	42.9	340	171.1	103.3
222	105.6	3.2	291	143.9	43.8	341	171.7	105.0
224	106.7	3.9	292	144.4	44.7	342	172.2	106.5
226	107.8	4.6	293	145.0	45.6	343	172.8	108.2
228	108.9	5.3	294	145.6	46.5	344	173.3	109.8
230	110.0	6.1	295	146.1	47.5	345	173.9	111.5
232	111.1	6.9	296	146.7	48.4	346	174.4	113.1
234	112.2	7.7	297	147.2	49.4	347	175.0	114.8
236	113.3	8.5	298	147.8	50.3	348	175.6	116.5
238	114.4	9.4	299	148.3	51.3	349	176.1	118.2
240	115.6	10.3	300	148.9	52.3	350	176.7	119.9
242	116.7	11.2	301	149.4	53.4	352	177.8	123.5
244	117.8	12.1	302	150.0	54.4	354	178.9	127.1
246	118.9	13.1	303	150.6	55.4	356	180.0	130.8
248	120.0	14.1	304	151.1	56.4	358	181.1	134.5
250	121.1	15.1	305	151.7	57.5	360	182.2	138.3
252	122.2	16.2	306	152.2	58.6	362	183.3	142.3
254	123.3	17.3	307	152.8	59.7	364	184.4	146.2
256	124.4	18.4	308	153.3	60.7	366	185.6	150.3
258	125.6	19.6	309	153.9	61.9	368	186.7	154.4
260	126.7	20.7	310	154.4	63.0	370	187.8	158.7
261	127.2	21.4	311	155.0	64.2	372	188.9	163.0
262	127.8	22.0	312	155.6	65.3	374	190.0	167.4
263	128.3	22.6	313	156.1	66.5	376	191.1	171.9
264	128.9	23.2	314	156.7	67.6	378	192.2	176.4
265	129.4	23.9	315	157.2	68.8	380	193.3	181.1
266	130.0	24.5	316	157.8	70.0	382	194.4	185.8
267	130.6	25.2	317	158.3	71.3	384	195.6	190.6
268	131.1	25.8	318	158.9	72.5	386	196.7	195.6
269	131.7	26.5	319	159.4	73.7	388	197.8	200.6
270	132.2	27.2	320	160.0	75.0	390	198.9	205.7
271	132.8	27.9	321	160.6	76.3	392	200.0	210.9
272	133.3	28.6	322	161.1	77.5	394	201.1	216.2
273	133.9	29.3	323	161.7	78.8	396	202.2	221.5
274	134.4	30.0	324	162.2	80.1	398	203.3	227.0
275	135.0	30.8	325	162.8	81.5	400	204.4	232.6
276	135.6	31.5	326	163.3	82.8	402	205.5	238.0
277	136.1	32.3	327	163.9	84.2	404	206.7	244.0
278	136.7	33.0	328	164.4	85.6	406	207.8	250.0
279	137.2	33.8	329	165.0	87.0	408	208.9	256.0
280	137.8	34.5	330	165.6	88.4	410	210.0	262.0
281	138.3	35.3	331	166.1	89.8	412	211.1	268.0
282	138.9	36.1	332	166.7	91.2	414	212.2	275.0
283	139.4	36.9	333	167.2	92.7	416	213.3	281.0
284	140.0	37.7	334	167.8	94.1	418	214.4	288.0
285	140.6	38.6	335	168.3	95.6	420	215.6	294.0

Pressure Conversions

100 PSI = 6.9 Bars
 250 PSI = 17.25 Bars
 600 PSI = 41.4 Bars

5 Bars = 72.5 PSI
 10 Bars = 145 PSI
 25 Bars = 362.5 PSI

Measurement Information

Measures of Pressure

1 Pound Per Square Inch = 144 Pounds Per Square Foot = 0.068 Atmosphere = 2.042 Inches of Mercury at 62°F = 27.7 Inches of Water at 62°F = 2.31 Feet of Water at 62°F.

1 Atmosphere = 30 Inches of Mercury at 62°F = 14.7 Pounds Per Square Inch = 2116.3 Pounds Per Square Foot = 33.95 Feet of Water at 62°F.

1 Foot of Water at 62°F = 62.355 Pounds Per Square Foot = 0.433 Pounds Per Square Inch.

1 Inch of Mercury at 62°F = 1.132 Feet of Water = 13.58 Inches of Water = 0.491 Pounds Per Square Inch.

Column of Water 12 Inches High, 1 Inch in Diameter = .341 Pounds

If temperature is kept constant, the volume of a given mass of gas is inversely proportional to the pressure which is exerted upon it.

Length Conversion Constants

Millimeters x .039370 = Inches
 Meters x 39.370 = Inches
 Meters x 3.2808 = Feet
 Meters x 1.09361 = Yards
 Kilometers x 3,280.8 = Feet
 Kilometers x .62137 = Statute Mile
 Kilometers x .53959 = Nautical Miles

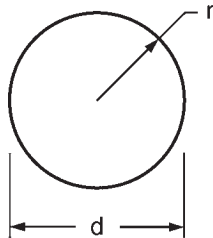
Inches x 25.4001 = Millimeters
 Inches x .0254 = Meters
 Feet x .30480 = Meters
 Yards x .91440 = Meters
 Feet x .0003048 = Kilometers
 Statute Miles x 1.60935 = Kilometers
 Nautical Miles x 1.85325 = Kilometers

Weight Conversion Constants

Grams x .03527 = Ounces (Avd.)
 Grams x .033818 = Fluid Ounces (Water)
 Kilograms x 35.27 = Ounces (Avd.)
 Kilograms x 2.20462 = Pounds (Avd.)

Ounces (Avd.) x 28.35 = Grams
 Fluid Ounces (Water) x 29.57 = Grams
 Ounces (Avd.) x .02835 = Kilograms
 Pounds (Avd.) x .45359 = Kilograms

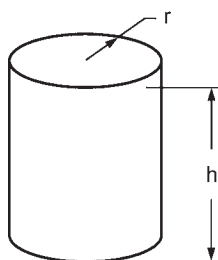
Circumference of a Circle



$$\text{Circumference} = 2\pi r = \pi d = 3.14159 d$$

$$\text{Area} = \pi r^2 = \pi \frac{d^2}{4} = .78539 d^2$$

Right Cylinder



r = radius
 h = length

$$\text{Volume} = \pi r^2 h$$

$$\text{Surface Area} = 2\pi r (r + h)$$

If end planes are parallel but not at 90° to h, the same formulas apply, but a slice at 90° through the cylinder must be used to determine r.

Bolt Tightening Sequence for Dixon Boss Clamps

1. The correct size Boss clamp must be used.
2. Bolts in Boss clamps are designed to bend as they are tightened. This allows the clamp to conform to the hose outside diameter.
3. Always tighten bolts to their specified torque value. This torque value can be found on the pages 111-112.
4. Periodic re-tightening of bolts is required due to "cold flow" phenomenon present in all rubber hoses.
5. Boss Clamps are for single use only! Once removed they are to be discarded.

2 Bolt Dixon Boss Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

- a) First bolt (nut facing assembler) 1 full turn.
- b) Second bolt (opposite first bolt) 1 full turn.
- c) Repeat procedure "a" and "b" until both bolts have reached the recommended torque.
- d) Remove assembly from vise.

4 Bolt Dixon Boss Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

- a) Back bolt (bolt with nut facing assembler that is furthest away from gripping finger) 1 full turn.
- b) Front bolt (bolt with nut facing assembler that is closest to gripping finger) 1 full turn.
- c) Snug by hand (if bolts are loose) nuts on opposite side of bolts just torqued.
- d) Opposite side back bolt (bolt with nut facing assembler furthest away from gripping finger) 1 full turn.
- e) Opposite side front bolt (bolt with nut facing assembler closest to gripping finger) 1 full turn.
- f) Snug by hand (if bolts are loose) nuts on opposite side of bolts just torqued.
- g) Repeat above procedure "a" through "f" until all of the bolts have reached the recommended torque.
- h) Remove assembly from vise.

6 Bolt Dixon Boss Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

- a) Back bolt (bolt with nut facing assembler that is furthest away from gripping finger) having "X" near it one full turn.
- b) Front bolt (bolt with nut facing assembler that is closest to gripping finger) of same segment one full turn.
- c) Moving to clamp segment to the left of the one just tightened, snug bolts by hand (if bolts are loose).
- d) Back bolt to one full turn.
- e) Front bolt one full turn.
- f) Moving to clamp segment to the left of the one just tightened, snug bolts by hand (if bolts are loose).
- g) Back bolt one full turn.
- h) Front bolt one full turn.
- i) Repeat above procedure "a" through "h" until all of the bolts have reached the recommended torque.
- j) Remove assembly from vise.

Fraction - Decimal Conversion Chart

	<u>Inches</u>	<u>Millimeters</u>		<u>Inches</u>	<u>Millimeters</u>
$\frac{1}{32}$	$\frac{1}{64}$.015625	.3969	$\frac{17}{32}$	$\frac{33}{64}$.515625	13.0969
$\frac{1}{16}$	$\frac{3}{64}$.046875	1.1906	$\frac{9}{16}$	$\frac{35}{64}$.546875	13.8907
$\frac{3}{32}$	$\frac{5}{64}$.078125	1.9844	$\frac{19}{32}$	$\frac{37}{64}$.578125	14.6844
$\frac{1}{8}$	$\frac{7}{64}$.109375	2.7781	$\frac{5}{8}$	$\frac{39}{64}$.609375	15.4782
$\frac{5}{32}$	$\frac{9}{64}$.140625	3.5719	$\frac{21}{32}$	$\frac{41}{64}$.640625	16.2719
$\frac{3}{16}$	$\frac{11}{64}$.171875	4.3656	$\frac{11}{16}$	$\frac{43}{64}$.671875	17.0657
$\frac{7}{32}$	$\frac{13}{64}$.203125	5.1594	$\frac{23}{32}$	$\frac{45}{64}$.703125	17.8594
$\frac{1}{4}$	$\frac{15}{64}$.234375	5.9531	$\frac{3}{4}$	$\frac{47}{64}$.734375	18.6532
$\frac{9}{32}$	$\frac{17}{64}$.265625	6.7469	$\frac{25}{32}$	$\frac{49}{64}$.765625	19.4470
$\frac{5}{16}$	$\frac{19}{64}$.296875	7.5406	$\frac{13}{16}$	$\frac{51}{64}$.796875	20.2407
$\frac{11}{32}$	$\frac{21}{64}$.328125	8.3344	$\frac{27}{32}$	$\frac{53}{64}$.828125	21.0345
$\frac{3}{8}$	$\frac{23}{64}$.359375	9.1282	$\frac{7}{8}$	$\frac{55}{64}$.859375	21.8282
$\frac{13}{32}$	$\frac{25}{64}$.390625	9.9219	$\frac{29}{32}$	$\frac{57}{64}$.890625	22.6220
$\frac{7}{16}$	$\frac{27}{64}$.421875	10.7157	$\frac{15}{16}$	$\frac{59}{64}$.921875	23.4157
$\frac{15}{32}$	$\frac{29}{64}$.453125	11.5094	$\frac{31}{32}$	$\frac{61}{64}$.953125	24.2095
$\frac{1}{2}$	$\frac{31}{64}$.484375	12.3032	$\frac{1}{1}$	$\frac{63}{64}$.984375	25.0032
		12.7001		1.000	25.4001

Identifying Threads

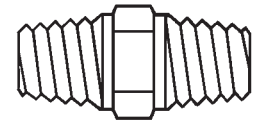
Pipe Threads

Pipe threads are either tapered or straight (parallel). The two styles may or may not be compatible. Refer to thread information chart on page 814..

Tapered threads

Tapered threads are the most common type of thread available. As the name implies, they have a slight taper. When mated together and tightened, the threads compress and may form a seal. Usually a thread sealant is required. The mating threads both hold the fitting in place and seal the connection. The most widely used pipe threads in North America are NPT (National Pipe Taper). Some confusion may result from the use of NPT, FPT, and MPT in describing threads. Both FPT and MPT are NPT threads, with FPT meaning female threads (internal) and MPT meaning male threads (external).

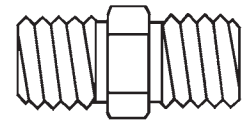
NPTF (Dryseal) threads are modified NPT threads, which are less likely to leak without a sealant. For a leak-free seal, we recommend using a sealant compound or PTFE tape. You can use NPTF threads with NPT threads, but you'll lose some of the leak-free characteristics.



tapered threads

Straight threads

Straight (parallel) threads are used for mechanical joining. They serve one purpose - to hold a fitting in place. As a result, an O-ring (elastomer), hard metal seal or a soft seat seal is required. Straight pipe threads include NPSM (National Pipe Straight Mechanical), and NPSH (National Pipe Straight Hose) Sizing and pitches may differ from the NPT threads



straight threads

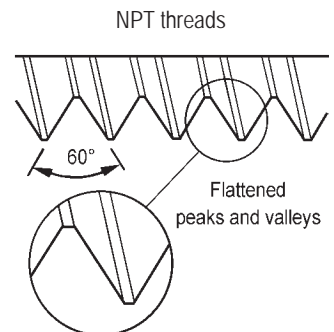
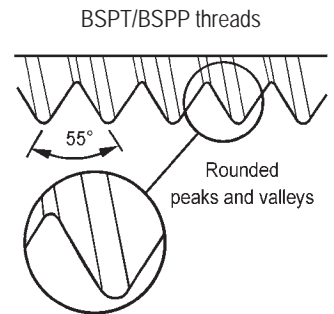
Less common straight threads are GHT (Garden Hose) and NST (fire hose coupling).

NPT vs. BSP (British Standard Pipe)

BSP threads are common in many countries outside the United States. BSP consists of two types of threads - BSPT (British Standard Pipe Taper) and BSPP (British Standard Pipe Parallel).

BSPT threads have a slight taper similar to NPT. BSPP threads are straight (parallel) threads and have the same thread angle, shape and threads per inch (pitch) as BSPT threads. *BSPT and BSPP threads should not be substituted for NPT threads.*

NPT and BSPT/BSPP threads have different angles, shape, and (in most cases) threads per inch (pitch). The thread angle is 60° for NPT threads; 55° for BSPT/BSPP threads. NPT threads are flattened at the peaks and valleys, while BSPT/BSPP threads are rounded.



Nominal Pipe Size	Threads per inch	
	NPT	BSPT / BSPP
1/16"	27	---
1/8"	27	28
1/4"	18	19
3/8"	18	19
1/2"	14	14
3/4"	14	14
1"	11½	11
1-1/4"	11½	11
1-1/2"	11½	11
2"	11½	11
2-1/2"	8	11
3"	8	11
3-1/2"	8	11
4"	8	11
5"	8	11
6"	8	11
8"	8	11

Identifying Threads

It is important to identify the threads required before ordering couplings.

Identifying threads can sometimes be the most difficult and frustrating part of coupling selection. However, without the right combination of threads, you may not provide a functional or safe connection.

The diameters, threads per inch (TPI) and thread pitch, etc. are necessary to completely identify a thread. Ring, plug and GO/NOGO gauges are required to accurately gauge or identify threads. In the field, in the absence of these gauges, thread leaf gauges can be used to identify the Threads Per Inch (TPI) and the thread pitch. On threads you have determined to be straight threads, a caliper can be used to measure the Outside Diameter of the male (ODM) or the Inside Diameter of the female (IDF). A caliper can also be used to take measurements of tapered thread diameters. However, these are more difficult to define because of the taper. Fortunately, there are few tapered threads to deal with and these can usually be identified from the nominal ODM and the TPI.

However, identifying the thread may not fully identify what is needed in a mating fitting. The application is the primary *limiting factor on the thread type used*. Dixon offers products with a wide variety of threads used with hose, pipe and hydraulics.

When attempting to choose a fitting, it is always advisable to first identify the thread to which it must connect. This may entail checking with a fitting or equipment manufacturer.

The fire hose thread specifications for some local municipal fire equipment and hydrants may vary according to local specifications. These can generally be most easily identified by contacting the local fire department responsible for the hydrant. The most common thread used on fire equipment is National Standard Thread (NST), also known as National Hose thread (NH).

When it is not possible to identify the thread:

1. Determine the number of threads per inch by measuring the distance from peak of thread to peak of thread across the largest number of whole threads. Then divide the number of threads by the measurement (this will provide the TPI).

2. Check to see if the thread is straight or tapered.

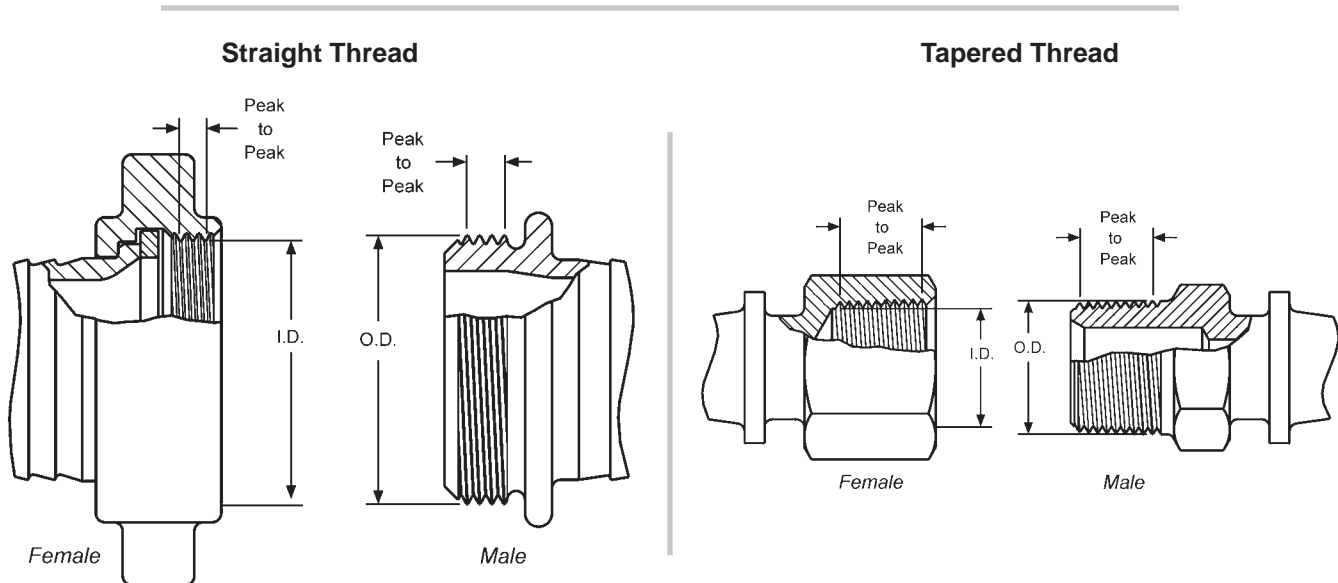
a) Straight Threads

Measure the Outside Diameter of the Male (ODM) or the Inside Diameter of the Female (IDF), from peak of thread to peak of thread.

b) Tapered Threads

Measure the Outside Diameter of the Male (ODM) at the large end and the small end, or the Inside Diameter of the Female (IDF) at the large end and the small end, from peak of thread to peak of thread. Then measure the Outside Diameter (OD) of the unthreaded pipe.

Once the application and these two pieces of information have been determined, the thread can generally be determined. When in doubt, call Dixon at 800.355.1991.



Threading Information

Abbreviation	System Name	Compatibility	Seal Method
BSPP	British Standard Pipe Parallel	male BSPP with female BSPP	washer
		female BSPP with male BSPP	washer
		female BSPP with male BSPT	washer
BSPTTr	British Standard Pipe Taper	male BSPTTr with female BSPTTr	thread
		male BSPTTr with female BSPP	washer
		female BSPTTr with male BSPTTr	
		<i>female BSPTTr not compatible with male BSPP</i>	thread
CHT	American Standard Fire Hose Thread (1" National Hose Thread is C hemical H ose T hread, also known as B ooster H ose T hread)	1" male NH (NST) with 1" female NH (NST)	washer
		1" female NH (NST) with 1" male NH (NST)	washer
		1" thread is used on both ¾" hose & 1" hose	not compatible
GHT	Garden Hose Thread	male GHT with female GHT	washer
		female GHT with male GHT	washer
		thread is same for all size hose	not compatible
IPS	Iron Pipe Straight Thread	generic name for Straight Pipe Thread <i>see NPSH for compatibility</i>	washer
IPT	Iron Pipe Thread	generic name for All Pipe Thread	more information required
JIC	Joint Industrial Committee	used with other mating JIC threads	mechanical
NH or NST	American Standard Fire Hose Coupling Thread (N ational H ose thread also known as N ational S tandard T hread)	male NH (NST) with female NH (NST)	washer
		female NH (NST) with male NH (NST) thread pitch and diameters of fire threads may vary according to local and municipal regulations <i>not compatible with other systems</i>	washer
NPT	American Standard Taper Pipe Thread (N ational P ipe T apered)	male NPT with female NPT	thread
		male NPT with female NPTF	thread
		male NPT with female NPSM	washer
		male NPT with female NPSH	washer
		female NPT with male NPT	thread
		female NPT with male NPTF <i>female NPT not compatible with male NPSM or male NPSH</i>	thread
NPTF	American Standard Taper Pipe Fuel Dryseal Thread (N ational P ipe T apered D ryseal)	male NPTF with female NPTF	thread
		male NPTF with female NPT	thread
		male NPTF with female NPSM	washer
		male NPTF with female NPSH	washer
		female NPTF with male NPTF	thread
		female NPTF with male NPT	thread
		female NPTF with male NPSM or NPSH <i>NPTF with NPTF threads do not require sealant for the initial use, after that, sealant is required</i>	not compatible
NPSH	American Standard Straight Pipe for Hose Couplings (N ational P ipe S traight H ose)	male NPSH with female NPSH	washer
		female NPSH with male NPSH	washer
		female NPSH with male NPT	washer
		female NPSH with male NPTF	washer
		female NPSH with male NPSM	washer
NPSM	American Standard Straight Mechanical Joints (N ational P ipe S traight M echanical)	male NPSM with female NPSM	Seal can be either mechanical or washer. Mating fittings must be of same type.
		male NPSM with female NPSH	
		female NPSM with male NPSM	
		female NPSM with male NPT	
		female NPSM with male NPTF	
SIPT	Straight Iron Pipe Thread	generic name for Straight Pipe Thread	washer
TIPT	Tapered Iron Pipe Thread	generic name for Tapered Pipe Thread	thread
NYFD	NYFD Fire Department	straight thread used in New York City	washer
Chicago	Chicago Fire Department	straight thread used in Chicago	washer

Thread Dimensions

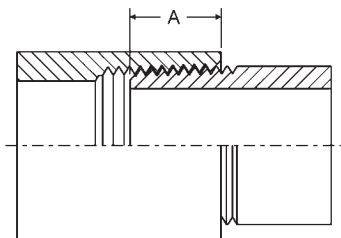
Nominal Dimensions of Standard Threads

- ODM = Outside Diameter of the Male
- IDF = Inside Diameter of the Female
- TPI = Threads Per Inch
- GHT (3/4") -- 1.0625 ODM, 11-1/2 TPI
- Female NPT (Tapered Pipe) thread is not available on hose swivel nuts.

Size	Pipe OD	Tapered Threads		Straight Threads											
		NPT	BSPT _r	NPSH			NPSM			NST (NH)			BSPP		
		TPI	TPI	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)
1/8"	.405	27.0	28				27.0	0.397	0.358					0.383	0.337
1/4"	.540	18.0	19				18.0	0.526	0.468					0.516	0.450
3/8"	.675	18.0	19				18.0	0.662	0.603					0.656	0.588
1/2"	.840	14.0	14	14.0	0.8248	0.7395	14.0	0.823	0.747					0.825	0.733
3/4"	1.050	14.0	14	14.0	1.0353	0.9500	14.0	1.034	0.958					1.041	0.950
1"	1.315	11.5	11	11.5	1.2951	1.1921	11.5	1.293	1.201	8.0	1.375	1.2246	11	1.309	1.193
1-1/4"	1.660	11.5	11	11.5	1.6399	1.5369	11.5	1.638	1.546				11	1.650	1.534
1-1/2"	1.900	11.5	11	11.5	1.8788	1.7758	11.5	1.877	1.785	9.0	1.990	1.8577	11	1.882	1.766
2"	2.375	11.5	11	11.5	2.3528	2.2498	11.5	2.351	2.259				11	2.347	2.231
2-1/2"	2.875	8.0	11	8.0	2.8434	2.6930	8.0	2.841	2.708	7.5	3.068	2.9104	11	2.960	2.844
3"	3.500	8.0	11				8.0	3.467	3.334	6.0	3.623	3.5306	11	3.460	3.344
4"	4.500	8.0	11				8.0	4.466	4.333	4.0	5.010	4.7111	11	4.450	4.334
4-1/2"										4.0	5.760	5.4611			
5"	5.563	8.0	11				8.0	5.528	5.395	4.0	6.260	5.9602	11	5.450	5.359
6"	6.625	8.0	11				8.0	6.585	6.452	4.0	7.025	6.7252	11	6.450	6.359
8"	8.625	8.0													
10"	10.750	8.0													
12"	12.750	8.0													

Normal Engagement Length of NPT Thread in Inches (A)

- Dimensions given do not allow for variations in tapping or threading.



Thread Size	Dimension A
1/8"	1/4"
1/4"	3/8"
3/8"	3/8"
1/2"	1/2"
3/4"	9/16"
1"	11/16"
1-1/4"	11/16"
1-1/2"	11/16"
2"	3/4"
2-1/2"	15/16"
3"	1"
4"	1-1/8"
5"	1-1/4"
6"	1-5/16"
8"	1-7/16"
10"	1-5/8"
12"	1-3/4"

Thread Sealing Tips

Thread Sealing Tips

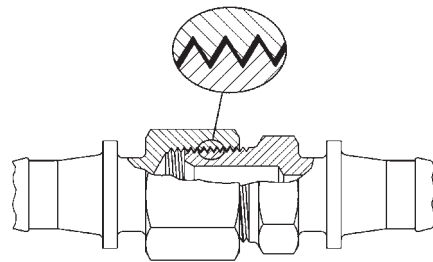
Sealing NPT threads can be an exasperating experience if certain techniques are not followed. The following tips will help alleviate many common problems in thread sealing:

1. Always use some type of sealant (tape or paste) and apply sealant to male thread only. If using a hydraulic sealant, allow sufficient curing time before system is pressurized.
2. When using tape sealant, wrap the threads in a clockwise motion starting at the first thread and, as layers are applied, work towards the imperfect (vanishing) thread. If the system that the connection being made to cannot tolerate foreign matter (i.e. air systems), leave the first thread exposed and apply the tape sealant as outlined above.
3. When using paste sealant, apply to threads with a brush, using the brush to work the sealant into the threads. Apply enough sealant to fill in all the threads all the way around.
4. When connecting one stainless steel part to another stainless steel part that will require future disassembly, use a thread sealant that is designed for stainless steel (see page 771). This stainless steel thread sealant is also useful when connecting aluminum to aluminum that needs to be disconnected in the future. These two materials gall easily, and if the correct sealant is not used, it can be next to impossible to disassemble.
5. When connecting parts made of dissimilar metals (i.e. steel and aluminum), standard tape or paste sealant performs satisfactory.
6. For sizes 2" and below, tape or paste performs satisfactory. When using thread tape, four wraps (covering all necessary threads) is usually sufficient.
7. For sizes 2½" and above, thread paste is recommended. If thread tape is used, eight wraps (covering all necessary threads) is usually sufficient. Apply more wraps if necessary.
8. For stubborn to seal threads, apply a normal coating of thread paste followed by a normal layer of thread tape.
9. For extremely stubborn to seal threads, apply a normal coating of thread paste followed by a single layer of gauze bandage followed by a normal layer of thread tape.

Caution!

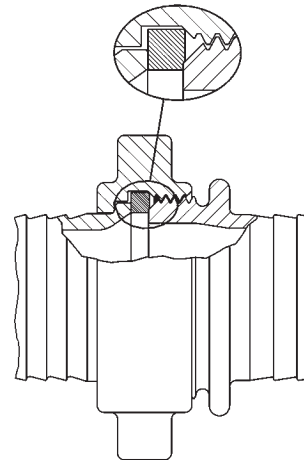
When this procedure is done, the connection becomes permanent. Extreme measures will be necessary to disconnect these components. *All other measures to seal the threads should be explored prior to use of this technique.*

10. Over-tightening threads can be just as detrimental as insufficient tightening. For sizes 2" and below, hand tighten the components and, with a wrench, tighten 3 full turns. For sizes 2½" and above, hand tighten the components and, with a wrench, tighten 2 full turns.



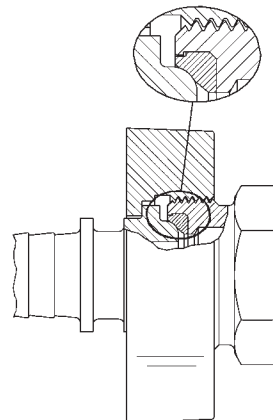
Thread Seal Type

- A seal is obtained by applying a sealant to the male thread before engaging.
- The sealant is used to prevent spiral leakage.
- Thread tape or paste is the preferred sealant in this type of application.
- Please refer to page 771 for thread tape options.



Washer Seal Type

- A seal is obtained when the male thread is tightened down onto the washer of the female assembly.
- The washer should be inspected regularly and replaced as needed to prevent leakage.
- Please refer to pages 289, 291 and 750 for replacement washers.



Mechanical Seal Type

- A seal is obtained through metal to metal contact or metal to seal contact, i.e. JIC couplings (page 396) have a metal to metal seal. Boss Ground Joint couplings (pages 106, 108) have a metal to seal contact, (shown above).
- The couplings should be retightened as needed to prevent leakage.

Force Chart

- For hose ID's from 1¼" to 12" the force in pounds is greater than the PSI.
- Force is the dynamic power which is exported longitudinally through a hose, towards the ends. To arrive at the number of pounds of force exerted, you merely multiply the area of the ID times the working pressure being used.
- Area of a circle: r^2 (PI [3.1416] times radius squared)
- Force = Area x Pressure

Force (In Pounds)

Hose ID	25 PSI	50 PSI	75 PSI	100 PSI	150 PSI	200 PSI	250 PSI	300 PSI	500 PSI	1000 PSI
1/4"	1	2	4	5	7	10	12	15	25	49
3/8"	3	6	8	11	17	22	28	33	55	110
1/2"	5	10	15	20	29	39	49	59	98	196
3/4"	11	22	33	44	66	88	110	133	221	442
1"	20	39	59	79	118	157	196	236	393	785
1-1/4"	31	61	92	123	184	245	307	368	614	1227
1-1/2"	44	88	133	177	265	353	442	530	884	1767
2"	79	157	236	314	471	628	785	942	1571	3142
2-1/2"	123	245	368	491	736	982	1227	1473	2454	4909
3"	177	353	530	707	1060	1414	1767	2121	3534	7069
4"	314	628	942	1257	1885	2513	3142	3770	6283	12566
5"	491	982	1473	1964	2945	3927	4909	5891	9818	19635
6"	707	1414	2121	2827	4241	5655	7069	8482	14137	28274
8"	1257	2513	3770	5027	7540	10053	12566	15080	25133	50266
10"	1964	3927	5891	7854	11781	15708	19635	23562	39270	78540
12"	2827	5655	8482	11310	16965	22620	28274	33929	56549	113098

Pressure - Temperature Ratings

- Ratings apply to all products covered by ANSI B16.5 valves conforming to the requirements of this standard must, in other respects, merit these ratings.
- All ratings are maximum allowable non-shock pressures (PSIG) at the tabulated temperatures (degree Fahrenheit). Temperatures are those on the inside of the pressure retaining structure.
- The use of these ratings requires gaskets conforming to the requirements of ANSI B16.5. The user is responsible for selecting gaskets of dimensions and materials to withstand the required bolt loading without injurious crushing, and suitable for the service conditions in all other respects.

Pressure Class	150	300
Test Pressure	425	1100
Service Temperature	Working Pressure	
-20 to 100	275	720
150	255	710
200	240	700
250	225	690
300	210	680
350	195	675
400	180	665
450	165	650
500	150	625
550	140	590
600	130	555
650	120	515
700	110	470
750	100	425

Pipe Dimensions

Dimensions of Seamless and Welded Steel Pipe ASA-B36.10 and B36.19

Nominal Pipe Size	OD (inches)	Pipe Schedule Wall Thickness												
		10	20	30	Stand.	40	60	Extra Strong	80	100	120	140	160	XXX Strong
1/8"	0.405	0.049	---	---	0.068	0.068	---	0.095	0.095	---	---	---	---	---
1/4"	0.540	0.065	---	---	0.088	0.088	---	0.119	0.119	---	---	---	---	---
3/8"	0.675	0.065	---	---	0.091	0.091	---	0.126	0.126	---	---	---	---	---
1/2"	0.840	0.083	---	---	0.109	0.109	---	0.147	0.147	---	---	---	0.188	0.294
3/4"	1.050	0.083	---	---	0.113	0.113	---	0.154	0.154	---	---	---	0.219	0.308
1"	1.315	0.109	---	---	0.133	0.133	---	0.179	0.179	---	---	---	0.250	0.358
1-1/4"	1.660	0.109	---	---	0.140	0.140	---	0.191	0.191	---	---	---	0.250	0.382
1-1/2"	1.900	0.109	---	---	0.145	0.145	---	0.200	0.200	---	---	---	0.281	0.400
2"	2.375	0.109	---	---	0.154	0.154	---	0.218	0.218	---	---	---	0.344	0.436
2-1/2"	2.875	0.120	---	---	0.203	0.203	---	0.276	0.276	---	---	---	0.375	0.552
3"	3.500	0.120	---	---	0.216	0.216	---	0.300	0.300	---	---	---	0.438	0.600
3-1/2"	4.000	0.120	---	---	0.226	0.226	---	0.318	0.318	---	---	---	---	---
4"	4.500	0.120	---	---	0.237	0.237	---	0.337	0.337	---	0.438	---	0.531	0.674
5"	5.563	0.134	---	---	0.258	0.258	---	0.375	0.375	---	0.500	---	0.625	0.750
6"	6.625	0.134	---	---	0.280	0.280	---	0.432	0.432	---	0.562	---	0.719	0.864
8"	8.625	0.148	0.250	0.277	0.322	0.322	0.406	0.500	0.500	0.594	0.719	0.812	0.906	0.873
10"	10.750	0.165	0.250	0.307	0.365	0.365	0.500	0.500	0.594	0.719	0.844	1.000	1.125	1.000
12"	12.750	0.180	0.250	0.330	0.375	0.406	0.562	0.500	0.688	0.844	1.000	1.125	1.312	1.000

Definitive Cross-Reference from NPS to DN Specification Sizes

Nominal Pipe Size	DN	OD (inches)	Pipe Schedule Wall Thickness													
			5S	5	10S	10	20	30	40S	40	60	80S	80	100	120	160
1/8"	6	0.405	---	0.035	---	0.049	---	0.057	---	0.068	---	---	0.095	---	---	---
1/4"	8	0.540	---	0.049	---	0.065	---	0.073	---	0.088	---	---	0.119	---	---	---
1/2"	15	0.840	---	0.065	---	0.083	---	0.095	---	0.109	---	---	0.147	---	0.170	0.188
3/4"	20	1.050	---	0.065	---	0.083	---	0.095	---	0.113	---	---	0.154	---	0.170	0.219
1"	25	1.315	---	0.065	---	0.109	---	0.114	---	0.133	---	---	0.179	---	0.200	0.250
1-1/4"	32	1.660	---	0.065	---	0.109	---	0.117	---	0.140	---	---	0.191	---	0.215	0.250
1-1/2"	40	1.900	---	0.065	---	0.109	---	0.125	---	0.145	---	---	0.200	---	0.225	0.281
2"	50	2.375	---	0.065	---	0.109	---	---	---	0.154	---	---	0.218	---	0.250	0.344
2-1/2"	65	2.875	---	0.083	---	0.120	---	---	---	0.203	---	---	0.276	---	0.300	0.375
3"	80	3.500	---	0.083	---	0.120	---	---	---	0.216	---	---	0.330	---	0.350	0.438
4"	100	4.500	---	0.083	---	0.120	---	---	---	0.237	0.281	---	0.377	---	0.437	0.531
5"	125	5.563	---	0.109	---	0.134	---	---	---	0.258	---	---	0.375	---	0.500	0.625
6"	150	6.625	---	0.109	---	0.134	---	---	---	0.280	---	---	0.432	---	0.562	0.719
8"	200	8.625	---	0.109	---	0.148	0.250	0.277	---	0.322	0.406	---	0.500	0.593	0.718	0.906
10"	250	10.750	0.134	0.134	0.165	0.165	0.250	0.307	0.365	0.365	0.500	0.500	0.593	0.718	0.843	---
12"	300	12.750	0.156	0.165	0.180	0.180	0.250	0.330	0.375	0.406	0.500	0.500	0.687	0.843	1.000	---

Fog Nozzles Flow Rate Chart

Part Number	Inlet Pressure		Straight Stream		30°		60°		90°	
	psi	kPa	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm
BFN100	50	(345)	18	(68)	21	(79)	24	(91)	27	(102)
	75	(517)	22	(83)	25	(95)	28	(106)	32	(121)
	100	(690)	24	(91)	28	(106)	32	(121)	36	(136)
BFN150	50	(345)	45	(170)	50	(189)	55	(208)	60	(227)
	75	(517)	50	(189)	55	(208)	65	(246)	75	(284)
	100	(690)	55	(208)	60	(227)	75	(284)	85	(322)
BFN250	50	(345)	90	(341)	120	(454)	130	(492)	145	(549)
	75	(517)	100	(379)	140	(530)	150	(568)	180	(681)
	100	(690)	110	(416)	165	(625)	180	(681)	205	(776)
BRN150	50	(345)	45	(170)	50	(189)	55	(208)	60	(227)
	75	(517)	50	(189)	55	(208)	65	(246)	75	(284)
	100	(690)	55	(208)	60	(227)	75	(284)	93	(352)
BFNE150	100	(690)	n/a	n/a	---	---	---	---	91	(345)
HFN100	100	(690)	25	(95)	---	---	---	---	---	---
HFN150	100	(690)	---	---	---	---	---	---	86	(326)
HPFN150	275	(1040)	---	---	---	---	---	---	130	(492)

Expansion Ring and Gasket Guide

Coupling #	Swivel Washer	Tail Washer	Expansion Ring Part #
D15193 & D15193F	SW150	DTW150	ER15125
D15206F	SW150	G12014	ER15125
D16187 & D16187F	SW150	DTW150	ER15125
D16193 & D16193F	SW150	DTW150	ER15125
D16206 & D16206F	SW150	G12014	ER15125
D253 and D253F	SW250	DTW250	ER27150
D26287F	SW250	DTW250	ER27150
D263 & D263F	SW250	DTW250	ER27150
MD16181T	<i>n/a</i>	STW150	ER15125
MD20231T	<i>n/a</i>	<i>special</i>	<i>special</i>
MD26287T	<i>n/a</i>	DTW250	ER27150
MS16168T	<i>n/a</i>	STW150	ER15125
MS16175T	<i>n/a</i>	STW150	ER15125
MS20225T	<i>n/a</i>	<i>special</i>	<i>special</i>
MS26268T	<i>n/a</i>	STW250	ER27150
RD15193 & RD15193F	SW150	DTW150	ER15125
RD15206 & RD15206F	SW150	G12014	ER15125
RD253 & RD253F	SW250	DTW250	ER27150
RH15168 & RH15168F	SW150	RTW150	ER1575
RH16168F & RH16168F	SW150	RTW150	ER1575
RS15175 & RS15175F	SW150	STW150	ER15125
RS15181 & RS15181F	SW150	STW150	ER1510
RS25281 & RS25281F	SW250	STW250	ER27125
RS25287	SW250	STW250	ER27150
S15175 & S15175F	SW150	RTW150	ER15125
S15181 & S15181F	SW150	RTW150	ER1510
S16168 & S16168F	SW150	STW150	ER15125
S16175 & S16175F	SW150	STW150	ER15125
S16181 & S16181F	SW150	STW150	ER15125
S25281 & S25281F	SW250	STW250	ER27125
S25287 & S25287F	SW250	STW250	ER27150
S26268 & S26268F	SW250	STW250	ER27150
S26275 & S26275F	SW250	STW250	ER27150
S26281 & S26281F	SW250	STW250	ER27150

Replacement Washers for Hydrant Adapters and Fire Hose Nozzles

The "sw" swivel washer on page 639 replaces the gaskets in the following products:

- hydrant adapters: HA, RHA, AHA
- cam and groove hydrant adapter
- female x male hex nipples (FM series)
- brass fog nozzles (BFN series)
- brass electrical all-fog nozzles (BFNE series)
- heavy duty brass industrial fog nozzles (HFN series)
- higher pressure brass industrial fog nozzles (HPFN series)
- brass rack nozzles (BRN series)
- U/L play pipe
- tip for U/L play pipe
- aluminum ball shut off (ACPSO and FBSO series)

The "CFG" gaskets on page 610 replace the following:

- constant flow thermoplastic fog nozzles (CFB)
- blue thermoplastic refinery fog nozzles (RNB)

The "FNG" gaskets on page 611 replace the following:

- thermoplastic fog nozzles (PFNB, FNB, FN, SL)
- thermoplastic fog nozzles for electrical fires (FNBE)

The gaskets for the following parts have to special ordered, please contact customer service at 877.712.6179:

- Coast Guard approved water fog nozzle
- US Coast Guard approved fog nozzle
- aluminum tip for ball shut-off nozzles
- monitor nozzle
- steel FirePro nozzle
- Master Stream nozzle

Replacement Gasket Chart

Size	FNPT Threads ¹	FNST Threads	FNPSH Threads
1½"	---	SW150	SW150
2"	---	---	SW200
2½"	---	SW250	SW250
3"	---	SW300F	SW300F
4"	---	SW400F	SW400F
4½"	---	SW450F	---
5"	---	SW500F	---
6"	---	SW600F	---

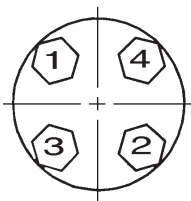
¹ FNPT threads - no gasket/seal by threads

Brass Plain Hose Nozzle Gaskets

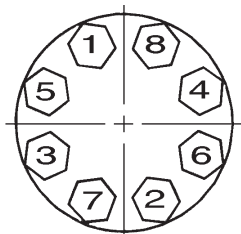
Nozzle	Gasket
BN6	KRW5
BN7	KRW5
BN10	KRW10
BN12	KRW15
BN15	KRW20
BN20	SW200
BN25	KRW35
BN10F	SW100F
BN15F	SW150
BN25F	SW250
BN15NYFD	SW150
BN25NYFD	SW250

Flange Information

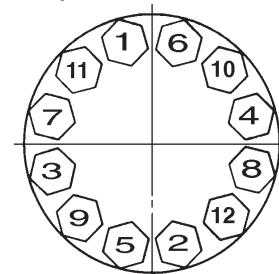
Flange Bolt Tightening Sequence (Use appropriate gaskets and bolts)



4 Bolt



8 Bolt

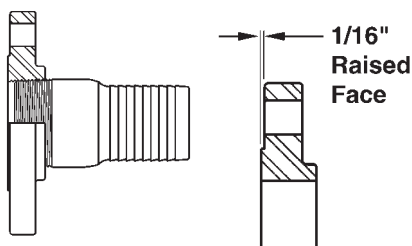


12 Bolt

See page 822 for drilling dimensions

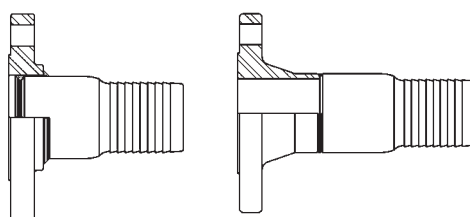
Flange Diagrams

Threaded Applications



Threaded Flange with raised face

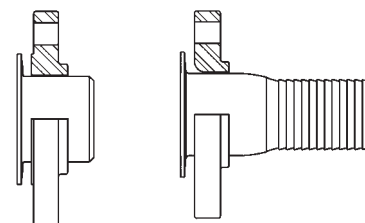
Welded Applications



Slip-On Flange with raised face

Weld Neck Flange with raised face

Floating Applications (flange free to swivel)



Slip-On Flange with raised face

Lap-Joint Flange

Flange Dimensions

Dimensions of 150 LB. ASA Steel Flanges

Nominal Pipe Size	Flange OD	Thickness ¹	OD of Raised Face	Diameter of Bolt Circle	Number of Bolts	Diameter of Bolt Holes	Diameter of Bolts
1"	4-1/4"	9/16"	2"	3-1/8"	4	5/8"	1/2"
1-1/2"	5"	11/16"	2-7/8"	3-7/8"	4	5/8"	1/2"
2"	6"	3/4"	3-5/8"	4-3/4"	4	3/4"	5/8"
2-1/2"	7"	7/8"	4-1/8"	5-1/2"	4	3/4"	5/8"
3"	7-1/2"	15/16"	5"	6"	4	3/4"	5/8"
4"	9"	15/16"	6-3/16"	7-1/2"	8	3/4"	5/8"
5"	10"	15/16"	7-5/16"	8-1/2"	8	7/8"	3/4"
6"	11"	1"	8-1/2"	9-1/2"	8	7/8"	3/4"
8"	13-1/2"	1-1/8"	10-5/8"	11-3/4"	8	7/8"	3/4"
10"	16"	1-3/16"	12-3/4"	14-1/4"	12	1"	7/8"
12"	19"	1 1/4"	15"	17"	12	1"	7/8"

¹ 1/16" raised face is included in the thickness

Dimensions of Tank Truck Flanges (TTMA Drilling)

Nominal Pipe Size	Flange OD	Thickness ¹	Diameter of Bolt Circle	Number of Bolts	Diameter of Bolt Holes	Diameter of Bolts
3"	5-5/8"	3/8"	4-7/8"	8	7/16"	3/8"
4"	6-5/8"	3/8"	5-7/8"	8	7/16"	3/8"
6"	8-7/8"	3/8"	8-1/8"	12	7/16"	3/8"

¹ listed thickness is for aluminum flanges

ANSI Flange Dimensions

150 lb. Standard

Nominal Pipe Size	Outside Diameter Flange	Flange Thickness	Drill Template		
			Number Holes	Diameter Bolts	Bolt Circle
1/2"	3-1/2"	7/16"	4	1/2"	2-3/8"
3/4"	3-7/8"	1/2"	4	1/2"	2-3/4"
1"	4-1/4"	9/16"	4	1/2"	3-1/8"
1-1/4"	4-5/8"	5/8"	4	1/2"	3-1/2"
1-1/2"	5"	11/16"	4	1/2"	3-7/8"
2"	6"	3/4"	4	5/8"	4-3/4"
2-1/2"	7"	7/8"	4	5/8"	5-1/2"
3"	7-1/2"	15/16"	4	5/8"	6"
3-1/2"	8-1/2"	15/16"	8	5/8"	7"
4"	9"	15/16"	8	5/8"	7-1/2"
5"	10"	15/16"	8	3/4"	8-1/2"
6"	11"	1"	8	3/4"	9-1/2"
8"	13-1/2"	1-1/8"	8	3/4"	11-3/4"
10"	16"	1-3/16"	12	3/4"	14-1/4"
12"	19"	1-1/4"	12	3/4"	17"

300 lb. Standard

Nominal Pipe Size	Outside Diameter Flange	Flange Thickness	Drill Template		
			Number Holes	Diameter Bolts	Bolt Circle
1/2"	3-3/4"	9/16"	4	1/2"	2-5/8"
3/4"	4-5/8"	5/8"	4	5/8"	3-1/4"
1"	4-7/8"	11/16"	4	5/8"	3-1/2"
1-1/4"	5-1/4"	3/4"	4	5/8"	3-7/8"
1-1/2"	6-1/8"	13/16"	4	3/4"	4-1/2"
2"	6-1/2"	7/8"	8	5/8"	5"
2-1/2"	7-1/2"	1"	8	3/4"	5-7/8"
3"	8-1/4"	1-1/8"	8	3/4"	6-5/8"
3-1/2"	9"	1-3/16"	8	3/4"	7-1/4"
4"	10"	1-1/4"	8	3/4"	7-7/8"
5"	11"	1-3/8"	8	3/4"	9-1/4"
6"	12-1/2"	1-7/16"	12	3/4"	10-5/8"
8"	15"	1-5/8"	12	7/8"	13"
10"	17-1/2"	1-7/8"	16	1"	15-1/4"
12"	20-1/2"	2"	16	1-1/8"	17-3/4"

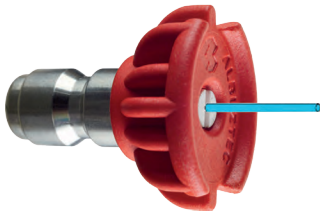
600 lb. Standard

Nominal Pipe Size	Outside Diameter Flange	Flange Thickness	Drill Template		
			Number Holes	Diameter Bolts	Bolt Circle
1/2"	3-3/4"	9/16"	4	5/8"	2-5/8"
3/4"	4-5/8"	5/8"	4	3/4"	3-1/4"
1"	4-7/8"	11/16"	4	3/4"	3-1/2"
1-1/4"	5-1/4"	13/16"	4	3/4"	3-7/8"
1-1/2"	6-1/8"	7/8"	4	7/8"	4-1/2"
2"	6-1/2"	1"	8	3/4"	5"
2-1/2"	7-1/2"	1-1/8"	8	7/8"	5-7/8"
3"	8-1/4"	1-1/4"	8	7/8"	6-5/8"
3-1/2"	9"	1-3/8"	8	1"	7-1/4"
4"	10-7/5"	1-1/2"	8	1"	8-1/2"
5"	13"	1-3/4"	8	1-1/8"	10-1/2"
6"	14"	1-7/8"	12	1-1/8"	11-1/2"
8"	16-1/2"	2-3/16"	12	1-1/4"	13-3/4"
10"	20"	2-1/2"	16	1-3/8"	17"
12"	22"	2-5/8"	20	1-3/8"	19-1/4"

900 lb. Standard

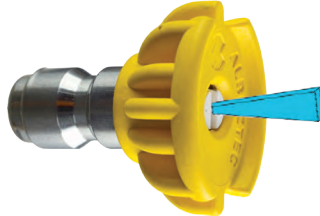
Nominal Pipe Size	Outside Diameter Flange	Flange Thickness	Drill Template		
			Number Holes	Diameter Bolts	Bolt Circle
1/2"	4-3/4"	7/8"	4	7/8"	3-1/4"
3/4"	5-1/8"	1"	4	7/8"	3-1/2"
1"	5-7/8"	1-1/8"	4	1"	4"
1-1/4"	6-1/4"	1-1/8"	4	1"	4-3/8"
1-1/2"	7"	1-1/4"	4	1-1/8"	4-7/8"
2"	8-1/2"	1-1/2"	8	1"	6-1/2"
2-1/2"	9-5/8"	1-5/8"	8	1-1/8"	7-1/2"
3"	9-1/2"	1-1/2"	8	1"	7-1/2"
3-1/2"	11-1/2"	1-3/4"	8	1-1/4"	9-1/4"
4"	13-3/4"	2"	8	1-3/8"	11"
6"	15"	2-3/16"	12	1-1/4"	12-1/2"
8"	18-1/2"	2-1/2"	12	1-1/2"	15-1/2"
10"	21-1/2"	2-3/4"	16	1-1/2"	18-1/2"
12"	24"	3-1/8"	20	1-1/2"	21"

Spray Nozzle Selection Guidelines



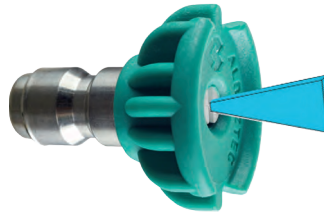
**RED 0°
BLASTING NOZZLE**

- Removing caked on mud from heavy construction, farm or lawn equipment.
- Cleaning tar, glue or stubborn stains from concrete
- Cleaning overhead areas
- Removing rust from steel and oxidation from aluminum



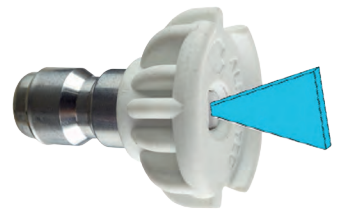
**YELLOW 15°
STRIPPING NOZZLE**

- Removing paint from wood, masonry or metal
- Removing grease or dirt from equipment
- Removing heavy mildew stains
- Removing marine growth from boats and marine equipment
- Removing rust from steel and oxidation from aluminum



**GREEN 25°
CLEANING NOZZLE**

- General cleaning of dirt, mud and grime
- Cleaning roofs, gutters and downspouts
- Removing light mildew stains
- Removing algae and bacteria build-up from pools
- Rinsing surfaces in preparation for painting



**WHITE 40°
WASHING NOZZLE**

- Light cleaning and washing
- Washing and rinsing of automobiles and boats
- Cleaning roofs, windows, patios and driveways

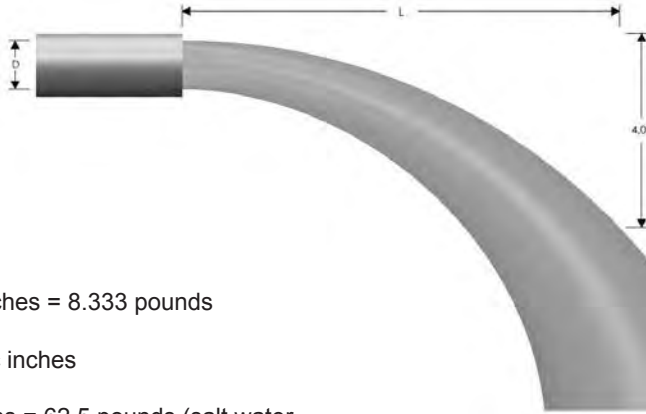


Caution: The spray force from these nozzles can cause injuries if pointed directly at yourself or others. Before observing directly always disconnect from spray wand. Make sure spray nozzle is properly locked in place with its quick coupler, if the collar is not in the locking position, the nozzle will become a dangerous projectile. The O-ring from your quick coupler socket will also be blown out of place.

Nozzle Spray Chart

Nozzle Orifice Size	→ Gallons Per Minute →	1000	1200	1250	1300	1500	1800	2000	2100	2200	2300	2400	2500	3000	3200	3500	4000	5000
		PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI
3.0		1.50	1.64	1.68	1.71	1.84	2.01	2.12	2.17	2.22	2.27	2.32	2.37	2.60	2.68	2.81	3.00	3.35
3.5		1.75	1.92	1.96	2.00	2.14	2.35	2.47	2.54	2.60	2.65	2.71	2.77	3.03	3.13	3.27	3.50	3.91
4.0		2.00	2.19	2.24	2.28	2.45	2.68	2.83	2.90	2.97	3.03	3.10	3.16	3.46	3.58	3.74	4.00	4.47
4.5		2.25	2.46	2.52	2.57	2.76	3.02	3.18	3.26	3.34	3.41	3.49	3.56	3.90	4.02	4.21	4.50	5.03
5.0		2.50	2.74	2.80	2.85	3.06	3.35	3.54	3.62	3.71	3.79	3.87	3.95	4.33	4.47	4.68	5.00	5.59
5.5		2.75	3.01	3.07	3.14	3.37	3.69	3.89	3.99	4.08	4.17	4.26	4.35	4.76	4.92	5.14	5.50	6.15
6.5		3.25	3.56	3.63	3.71	3.98	4.36	4.60	4.71	4.82	4.93	5.03	5.14	5.63	5.81	6.08	6.50	7.27
8.0		4.00	4.38	4.47	4.56	4.90	5.37	5.66	5.80	5.93	6.07	6.20	6.32	6.93	7.16	7.48	8.00	8.94
12.0		6.00	6.57	6.71	6.84	7.35	8.05	8.49	8.69	8.90	9.10	9.30	9.49	10.39	10.73	11.22	12.00	13.42
15.0		7.50	8.22	8.39	8.55	9.19	10.06	10.61	10.87	11.12	11.37	11.62	11.86	12.99	13.42	14.03	15.00	16.77

Water Data and Formulas



1 gallon water = 231 cubic inches = 8.333 pounds

1 pound of water = 27.7 cubic inches

1 cubic foot water = 7.5 gallons = 62.5 pounds (salt water weighs approximately 64.3 pounds per cubic foot)

Pounds per square inch at bottom of a column of water = height of column in feet x .434

1 miner's inch = 9 to 12 gallons per minute

Horsepower to raise water

If pumping liquid other than water, multiply the gallons per minute below by the liquids specific gravity

$$\text{Horsepower} = \frac{\text{gallons per minute} \times \text{total head in feet}}{3960}$$

Gallons per minute through a pipe

GPM = .0408 x pipe diameter inches² x feet/minute water velocity

Weight of water in a pipe

Pounds water = pipe length feet x pipe diameter inches² x .34

L Distance (inches)	Gallons per Minute Discharge for a Given Nominal Pipe Diameter D (inches)				
	5	6	8	10	12
5	163	---	---	---	---
6	195	285	---	---	---
7	228	334	580	---	---
8	260	380	665	1060	---
9	293	430	750	1190	1660
10	326	476	830	1330	1850
11	360	525	915	1460	2020
12	390	570	1000	1600	2220
13	425	620	1080	1730	2400
14	456	670	1160	1860	2590
15	490	710	1250	2000	2780
16	520	760	1330	2120	2960
17	550	810	1410	2260	3140
18	590	860	1500	2390	3330
19	620	910	1580	2520	3500
20	650	950	1660	2660	3700
21	685	1000	1750	2800	3890
22	720	1050	1830	2920	4060
23	750	1100	1910	3060	4250
24	---	1140	2000	3200	4440

Water Discharge Table

This table is intended for general reference and general applicability only, and should not be relied upon as the sole or precise source of information available with respect to the subject covered. The user should also refer to and follow manufacturer's specific instructions and recommendations with regard to such information, where they exist.

Flow of water through 100 foot lengths of hose, Straight-Smooth Bore - US gallons per minute

PSI at Hose Inlet	Nominal Hose ID Diameters - Inches							
	1"	1¼"	1½"	2"	2½"	3"	4"	6"
20	26	47	76	161	290	468	997	2895
30	32	58	94	200	360	582	1240	3603
40	38	68	110	234	421	680	1449	4209
50	43	77	124	264	475	767	1635	4748
60	47	85	137	291	524	846	1804	5239
75	53	95	154	329	591	955	2035	5910
100	62	112	180	384	690	1115	2377	6904
125	70	126	203	433	779	1258	2681	7788
150	77	139	224	478	859	1388	2958	8593
200	90	162	262	558	1004	1621	3455	10038

Figures are to be used as a guide since the hose inside diameter tolerance, the type of fittings used, and orifice restriction all influence the actual discharge. Thus, variations plus or minus from the table may be obtained in actual service.

Conversion Table - Feet of Water to Inches of Mercury

Feet of Water	1	2	4	6	8	10	12	14	16	20	22	24	26	28	30	32	34
Inches of Mercury	0.9	1.8	3.5	5.3	7.1	8.8	10.6	12.4	14.1	17.7	19.4	21.2	23.0	24.8	26.5	28.3	30.0

Feet Head of Water to PSI

- One foot of water at 62°F = 0.433 PSI, to find the PSI for any feet head not given in the table, multiply the feet head by 0.433.

Feet Head	Pounds per Square Inch	Feet Head	Pounds per Square Inch	Feet Head	Pounds per Square Inch	Feet Head	Pounds per Square Inch
1	0.43	15	6.50	100	43.31	250	108.27
2	0.87	20	8.66	110	47.64	300	129.93
3	1.30	25	10.83	120	51.97	350	151.58
4	1.73	30	12.99	130	56.30	400	173.24
5	2.17	40	17.32	140	60.63	500	216.55
6	2.60	50	21.65	150	64.96	600	259.85
7	3.03	60	25.99	160	69.29	700	303.16
8	3.46	70	30.32	170	73.63	800	346.47
9	3.90	80	34.65	180	77.96	900	389.78
10	4.33	90	38.98	200	86.62	1000	433.00

Maximum Recommended Air Flow (SCFM) Through ANSI Standard Weight Schedule 40 Metal Pipe

- Flow values in the table below are based on a pressure drop of 10% of the applied pressure per 100 feet of pipe for 1/8", 1/4", 3/8", and 1/2" pipe sizes; and a pressure drop of 5% of the applied pressure per 100 feet of pipe for 3/4", 1", 1 1/4", 2", 2 1/2", 3" pipe sizes. The table gives recommended flows for pipe sizes at listed pressures and should be used to determine appropriate piping for air systems.

Applied Pressure PSI	Nominal Standard Pipe Size										
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
5	0.5	1.2	2.7	4.9	6.6	13	27	40	80	135	240
10	0.8	1.7	3.9	7.7	11.0	21	44	64	125	200	370
20	1.3	3.0	6.6	13.0	18.5	35	75	110	215	350	600
40	2.5	5.5	12.0	23.0	34.0	62	135	200	385	640	1100
60	3.5	8.0	18.0	34.0	50.0	93	195	290	560	900	1600
80	4.7	10.5	23.0	44.0	65.0	120	255	380	720	1200	2100
100	5.8	13.0	29.0	54.0	80.0	150	315	470	900	1450	2600
150	8.6	20.0	41.0	80.0	115.0	220	460	680	1350	2200	3900
200	11.5	26.0	58.0	108.0	155.0	290	620	910	1750	2800	5000
250	14.5	33.0	73.0	135.0	200.0	370	770	1150	2200	3500	6100

Air Supply Requirements (operating pressure - 90 PSI)

Tool	Class	Typical Air Consumption (CFM)	Hose Size (inches)		
			0-10 ft.	10-50 ft.	50-200 ft.
Paving Breakers	25 lb.	45	1/2	1/2	3/4
	35 lb.	50	1/2	3/4	3/4
	60 lb.	65	1/2	3/4	1
	80 lb.	80	3/4	3/4	1
Claydiggers		45	1/2	1/2	3/4
Hand Drills	8 lb.	20	3/8	3/8	1/2
	15 lb.	32	3/8	1/2	1/2
Rock (Sinker) Drills	45 lb.	105	3/4	3/4	1
	55 lb.	130	3/4	1	1
Tampers	5" butt	20	3/8	1/2	1/2
	6" butt	30	1/2	1/2	3/4
Sump Pump Sludge Pump	3 HP	100	3/4	3/4	1
	Ejector	90	1	1	1
Vibrators	2-1/2"	60	1	1	1
	3"	60	1	1	1
Chipping Hammers		25	3/8	1/2	1/2
Impact Wrenches	3/8" sq. dr.	10	5/16	3/8	3/8
	1/2"	15	5/16	3/8	1/2
	3/4"	25	3/8	1/2	1/2
	1"	50	1/2	3/4	3/4
Drills	1/4" - 1/2"	22	3/8	3/8	1/2
Grinders	die/burr	20	3/8	3/8	1/2
	small angle	20	3/8	3/8	1/2
	3 HP vertical	75	1/2	3/4	1

CFM vs PSI for Nozzles

- PSI = pounds/square inch
- CFM = cubic feet/minute

Gauge PSI	CFM Free Air Flow @ Nozzle Diameter (Inch)							
	1/64	1/32	3/64	1/16	3/32	1/8	3/16	1/4
1	.03	.11	.2	.4	1.0	1.7	3.9	6.8
5	.06	.24	.5	1.0	2.2	3.9	8.7	15.4
10	.08	.34	.8	1.4	3.1	5.4	12.3	21.8
15	.10	.42	.9	1.6	3.7	6.6	15.0	26.7
20	.12	.48	1.1	1.9	4.2	7.7	17.1	30.8
25	.13	.54	1.2	2.2	4.7	8.6	19.4	34.5
30	.16	.63	1.4	2.5	5.6	10.0	22.5	40.0
40	.19	.77	1.7	3.1	6.8	12.3	27.5	49.1
50	.22	.91	2.0	3.6	8.2	14.5	32.8	58.2
60	.26	1.05	2.3	4.2	9.4	16.8	37.5	67.0
70	.29	1.19	2.7	4.8	10.7	19.0	43.0	76.0
80	.33	1.33	3.0	5.3	11.9	21.2	47.5	85.0
90	.36	1.47	3.3	5.9	13.1	23.5	52.5	94.0
100	.40	1.61	3.7	6.4	14.5	25.8	58.3	103.0
110	.43	1.76	3.9	7.0	15.7	28.0	63.0	112.0
120	.47	1.90	4.30	7.6	17.0	30.2	68.0	121.0
130	.50	2.04	4.6	8.1	18.2	32.4	73.0	130.0
140	.54	2.17	4.9	8.7	19.5	34.5	78.0	138.0
150	.57	2.33	5.2	9.2	20.7	36.7	83.0	147.0
175	.66	2.65	5.9	10.6	23.8	42.1	95.0	169.0
200	.76	3.07	6.9	12.2	27.5	48.7	110.0	195.0

Formulas

Air Velocity in a Pipe

Using the equation and typical values of V, D and L explained to the right approximate values of P are computed as follows:

Velocity Ft/Sec	Pipe Diameter in Inches, 10' long				
	1	2	4	6	10
1	.0004	.0002	.0001	.00007	.00004
2	.0016	.0008	.0004	.00030	.00016
5	.0100	.0050	.0025	.00170	.0010
10	.0400	.0200	.0100	.00670	.0040
15	.0900	.0450	.0225	.01500	.0090
20	.1600	.0800	.0400	.02700	.0160
25	.2500	.1250	.0625	.04170	.0250
30	.3600	.1800	.0900	.06000	.0360

$$V = \sqrt{\frac{25,000 DP}{L}}$$

- V = air velocity in feet per second
- D = pipe inside diameter in inches
- L = length of pipe in feet
- P = pressure loss due to air friction in ounces/square inch

formula from B.F.Sturtevant Company

Air Volume Discharged from Pipe

- CFM = air volume in cubic feet per minute
- V = air velocity in feet per second as determined in the equation at the top of this page
- A = cross section area of pipe in square feet

$$CFM = 60VA$$

Boyle's Law

If temperature is kept constant, the volume of a given mass of gas is inversely proportional to the pressure which is exerted upon it.

$$\frac{\text{Initial Pressure}}{\text{Final Pressure}} = \frac{\text{Final Volume}}{\text{Initial Volume}}$$

Suggested Pipe Size for Compressed Air Flow at 100 PSI Length of Run, Feet

SCFM Air Flow	25	50	75	100	150	200	300	500	1000	Compressor HP
4	½	½	½	½	½	½	½	¾	¾	1
12	½	½	½	¾	¾	½	¾	1	1	3
20	¾	¾	¾	¾	1	¾	1	1¼	1¼	5
30	¾	¾	1	1	1	1	1¼	1¼	1¼	7½
40	¾	1	1	1	1¼	1	1¼	1½	1½	10
60	1	1	1¼	1¼	1¼	1¼	1½	1½	2	15
80	1	1¼	1¼	1¼	1½	1¼	1½	2	2	20
100	1¼	1¼	1½	1½	1½	1½	2	2	2½	25
120	1¼	1½	1½	1½	2	1½	2	2½	2½	30
160	1¼	1½	1½	2	2	1½	2½	2½	3	40
200	1½	2	2	2	2	2	2½	3	3	50
240	1½	2	2	2	2½	2	2½	3	3	60
300	2	2	2	2½	2½	2	3	3	3½	75
400	2	2½	2½	2½	3	2½	3	3½	4	100
500	2	2½	2½	3	3	2½	3½	3½	4	125

On a compressed air distribution system, pressure losses greater than 3% are considered excessive, and a well-designed system having a steady rate of air flow is usually designed for not more than a 1% loss or 1 PSI for a 100 PSI system. The pipe size depends not only on the volume of air flow but how far it must be carried. To hold the distribution loss to 1 PSI, pipes of larger diameter must be used on longer runs to carry the same flow that can be handled by smaller pipes on shorter runs.

Figures in the body of the chart above are pipe sizes recommended on a 100 PSI system to carry air with less than 1 PSI loss. When measuring lengths of runs, add 5' of length for each pipe fitting. If carrying 120 PSI pressure these sizes will carry slightly more air than shown, or pressure loss will be slightly less than 1 PSI. If carrying 80 PSI pressure these pipes will carry slightly less air at 1 PSI pressure loss than shown in the chart.

The left column of the chart shows the volume of air to be carried. It is difficult to estimate the air flow volume to be carried in each leg of the distribution system. This varies with the application. On some applications, like in a large plant with many legs in the distribution system serving dozens of air-operated machines, the air usage may be at a fairly steady rate. Other applications, usually on small systems, may have to carry a high surge of air if several machines happen to be operated at the same time. Then there may be a period with almost no flow.

To make a realistic estimate of air flow volume, the far right column of the chart showing compressor HP may be used. On steady pumping, a compressor will produce a minimum of 4 SCFM air flow for each 1 HP of capacity. This is a conservative figure, as most compressors will produce 5 or 6 SCFM.

For example, a 25 HP compressor will produce at least 100 SCFM of air as shown in the far left column on the same line as 25 HP.

excerpted from *Industrial Fluid Power*, Volume 1, third edition, 1984

Air Receiver Capacities

Tank Size (inches)	Tank Size (gallons)	Gauge Pressure on Tank (PSI)			
		0	100	150	200
Cubic Feet Tank Capacity					
12 x 24	10	1.3	11	15	19
14 x 36	20	2.7	21	30	39
16 x 36	30	4.0	31	45	59
20 x 48	60	8.0	62	90	117
20 x 63	80	10.7	83	120	156
24 x 68	120	16.0	125	180	234
30 x 84	240	32.0	250	360	467

If your tank is not listed in the table to the left, use the following formula to calculate the tank size (gallons) and then estimate the cubic feet tank capacity at a given pressure from the table above.

$$\text{Tank Gallons} = \frac{\text{Tank Height} \times (\text{Tank Radius})^2}{73.53}$$

Height and Radius are in inches

Air Hose Friction

- PSI = pressure in pounds/square inch
- CFM = air flow in cubic feet/minute

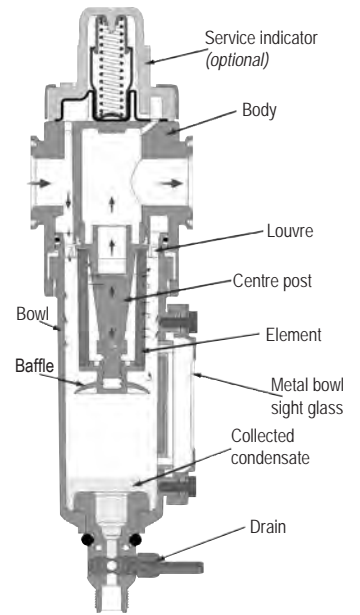
Hose Size (inches)	CFM thru 50' Hose	Gauge Pressure - Pounds/sq inch			
		50	70	90	110
PSI Loss Over 50' Hose Length					
1/2"	20	1.8	1.0	.8	.6
	30	5.0	3.4	2.4	2.0
	40	10.1	7.0	5.4	4.3
	50	18.1	12.4	9.5	7.6
	60	+	20.0	14.8	12.0
	70	+	28.4	22.0	17.6
	80	+	+	30.5	24.6
	90	+	+	41.0	33.3
	10	+	+	+	44.5
	110	+	+	+	+
3/4"	20	.04	.2	.2	.1
	30	.08	.5	.4	.3
	40	1.5	.9	.7	.5
	50	2.4	1.5	1.1	.9
	60	3.5	2.3	1.6	1.3
	70	4.4	3.2	2.3	1.8
	80	6.5	4.2	3.1	2.4
	90	8.5	5.5	4.0	3.1
	100	11.4	7.0	5.0	3.9
	110	14.2	8.8	6.2	4.9
120	+	11.0	7.5	5.9	
130	+	+	9.0	7.1	
1"	20	.1	0	0	0
	30	.2	.1	.1	.1
	40	.3	.2	.2	.2
	50	.5	.4	.3	.2
	60	.8	.5	.4	.3
	70	1.1	.7	.6	.4
	80	1.5	1.0	.7	.6
	90	2.0	1.3	.9	.7
	100	2.6	1.6	1.2	.9
	110	3.5	2.0	1.4	1.1
120	4.8	2.5	1.7	1.3	
130	7.0	3.1	2.0	1.5	

+ pressure loss is too great and therefore the combination of hose size, CFM, and gauge pressure is not recommended. Gauge pressures the indicated air pressure in pounds/square inch, at the source (i.e. the air compressor receiver tank)

Simple Filter Troubleshooting

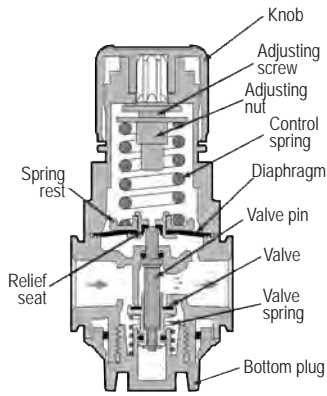
Malfunction	Possible cause	Remedy
Excessive pressure drop	Micron rating of element too small. Filter element blocked. Flow requirement greater than filter capacity.	Use larger micron element size for application. 1. Clean element (not coalescing element). 2. Replace with new element. Use larger filter.
Dirt passing through filter	Element seals missing or defective (N.B. Seals not required on some units). Damaged element.	1. Replace seal. 2. Tighten element. Replace element.
Water passing through filter	Water level in bowl above baffle. Flow capacity of filter exceeded.	Drain water. Maintain flow within capacity of filter or change to filter capable of handling desired flows.
Crazing of polycarbonate bowl or milky appearance	Bowl has been cleaned with incompatible fluid. Bowl is being used in an area containing fumes or vapors in-compatible with polycarbonate. Compressor oil vapor may be causing problem. Air intake to compressor may contain fumes or vapor in-compatible with polycarbonate.	Replace bowl. (Clean only with clean warm water and soap.) Replace bowl. Eliminate source of problem or convert from plastic to metal bowls. Replace bowl. Eliminate source of problem or convert from plastic to metal bowls. Replace bowl. Eliminate source of problem or convert from plastic to metal bowls.
Water beyond the filter	Inlet air has a high temperature and as it cools downstream, moisture condenses to water.	Fit dryer, pre-cool air or fit filter immediately prior to application.

General Purpose Filter



Simple Regulator Troubleshooting

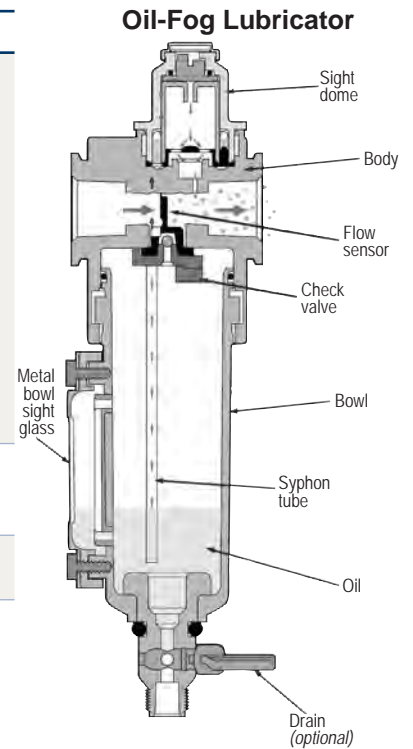
General Purpose Regulator



Malfunction	Possible cause	Remedy
Regulator creep (increase in secondary pressure due to leak from primary)	Dirty or cut valve elastomers. Nick in valve seat.	Replace or clean valve. If body or valve seat is damaged it can be replaced on some models. On others replacement of complete regulator is required.
Won't relieve secondary pressure	Non-relieving diaphragm assembly.	If this feature is required, replace with relieving type diaphragm assembly.
Won't reach desired pressure	Regulating spring with low spring rate.	Use regulating spring with spring rate designed to cover desired range.
Excessive leak from relief hole	Damaged relief seat. Ruptured diaphragm. Leakage past valve causing secondary to increase somewhat and open relief seat.	Replace diaphragm assembly. Replace or clean valve.
Regulator chatter	A resonant condition is generally only encountered under a certain set of conditions of flow and pressure and then only in some applications in which regulator couples with other system components.	Replace spring with a higher pressure range spring. Replace with a piston type regulator since they have less tendency to chatter.
Regulator difficult to adjust	Adjusting screw or knob locking device in locked position. Contaminants in adjusting screw threads.	Pull to unlock knob and adjust; push knob to lock. Threaded adjusting screws: loosen lock nut, remove adjusting screw, clean thread and lubricate. Place some lubricant on tip of screw.

Simple Lubricator Troubleshooting

Malfunction	Possible cause	Remedy
No Drip Rate	Oil adjustment knob fully clockwise Low oil level Airflow through lubricator too low Blocked oil filter screen Air leaks	Readjust knob. Check oil level. Use smaller size lubricator. Remove bowl and sight feed adjustment dome and clear syphon tube. Remove sight feed adjustment dome and clean or replace screen located in dome assembly. Check bowl, filler plug and sight dome seals. Tighten if necessary.
Oil Foaming	Over aeration	Check bowl seals for slight leaks.
Oil Emulsified	Water in lubricator	Fit filter immediately upstream.
Drip Rate changes after setting	Fade	Readjust drip rate.



Setting Lubricator Drip Rates

What is the correct drip rate setting?

The drip rate will depend on the application, the amount of lubrication required, the flow through the lubricator and the lubricator type. In micro-fog lubricators only 10% of the droplets in the sight dome are carried downstream. The drip rate in micro-fog lubricators therefore tends to be much higher. The following table can be used to estimate drip rate for required flow. This is very much a rule of thumb. In practice it is necessary to fine tune the oil drip rate in each application.

Typical Drip Rate per Minute Micro-Fog	Typical Drip Rate per Oil-Fog	Approximate Flow SCFM (dm ³ /s)
20	2	10 (5)
40	4	20 (10)
60	6	30 (15)
80	8	40 (20)
100	10	50 (25)
120	12	60 (30)

Can the drip rate be shut off?

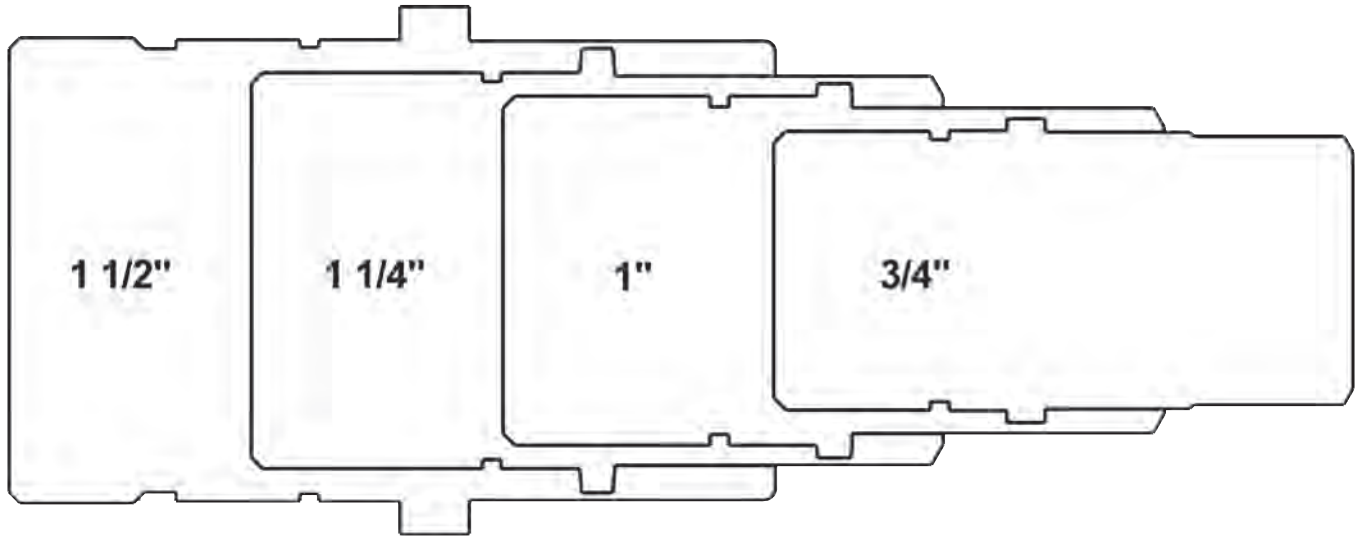
In lubricators with needle valve type sight dome, yes.
Some sight domes use a felt pad which is soaked in oil at the point where the drops are formed. With this type of sight dome the oil droplets cease once the felt pad dries out. With the new style dome (L72/73/74 and L07) complete shut off is not possible. Minimum adjustment for the drip rate is around 1 drop per minute.

Hydraulic Plug Profile Charts

Industry/Competitor Interchange

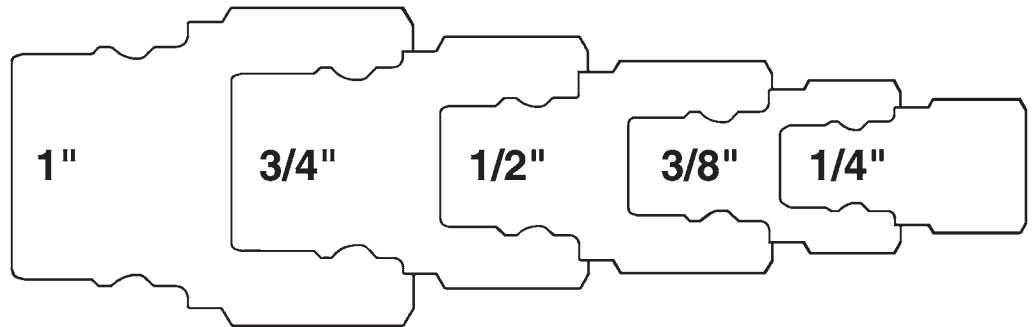
Dixon 7800 Series, page 382

Perfecting W Series
Aeroquip 5100
Parker 6100



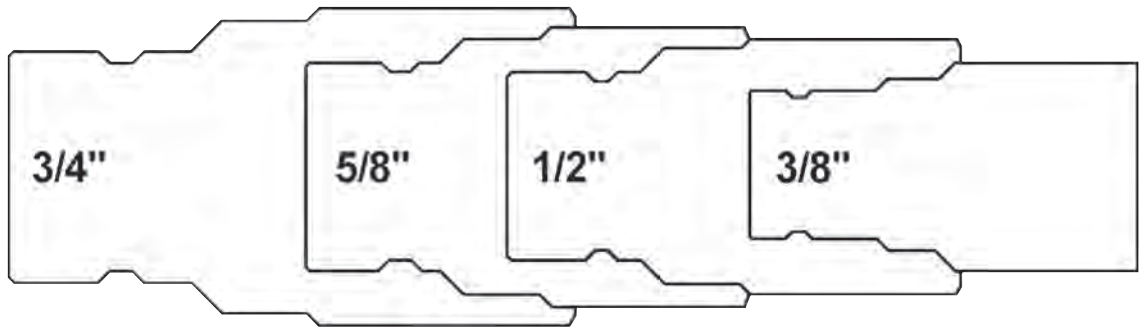
Dixon VH Series, page 386

Perfecting V Series
Snap-tite H
Faster TNV



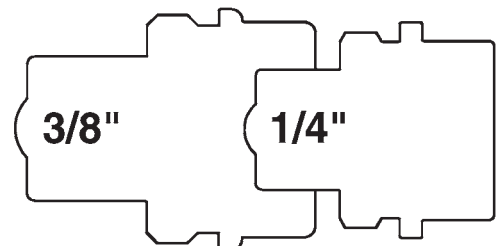
Dixon Flush Face Fittings, page 384

Perfecting HT Series
Aeroquip FD49
HTMA Parker FF



Dixon 3000 Series, page 379

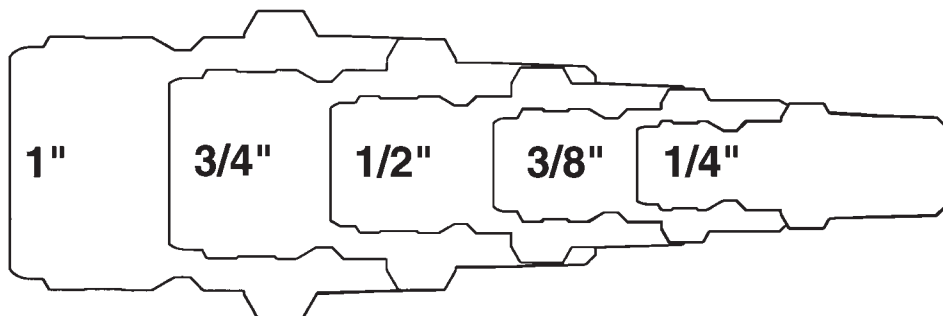
Perfecting T Series
Parker 3000
Enerpac C604



Hydraulic Plug Profile Charts

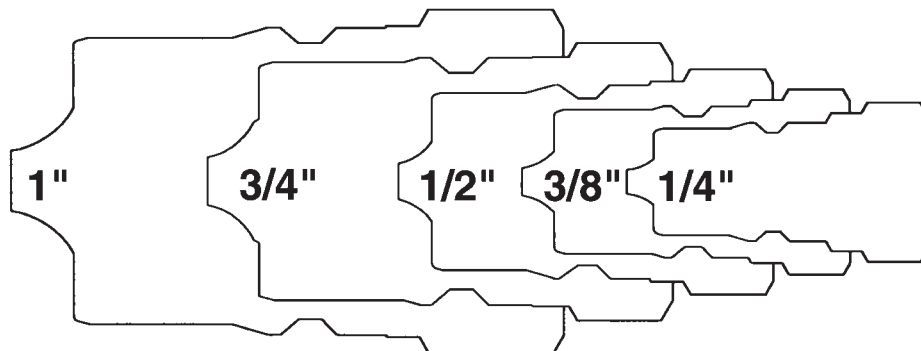
Industry/Competitor
Interchange

Dixon Straight Thru Fittings, pages 312-313



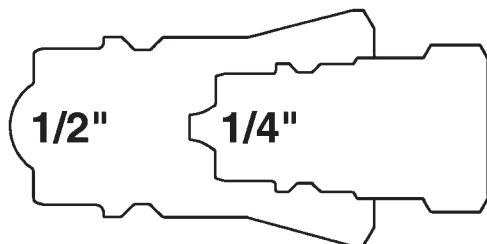
Perfecting E Series
Parker ST
Hansen ST

Dixon Industrial Fittings, page 378



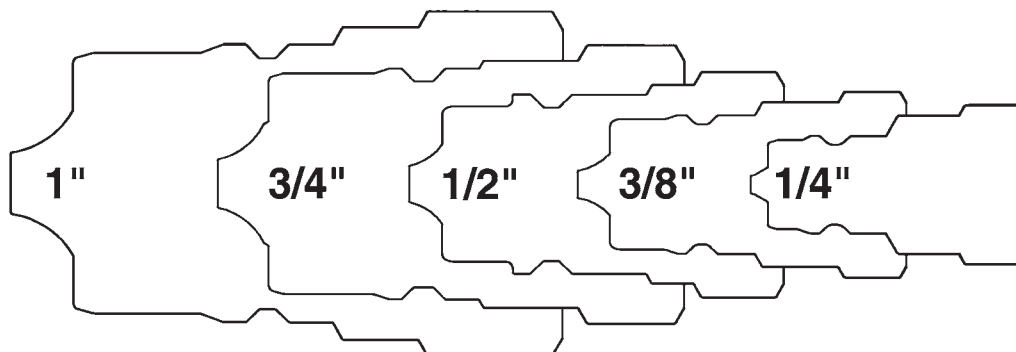
ISO 7241-B
Perfecting H Series
Hansen HK
Aeroquip FD45
Parker 60

Dixon Agricultural Fittings, page 381



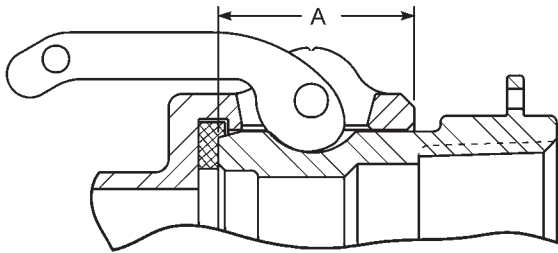
Perfecting R Series
Aeroquip FD76
Parker/Pioneer 4000
Safeway S20

Dixon 5600 Series, page 380



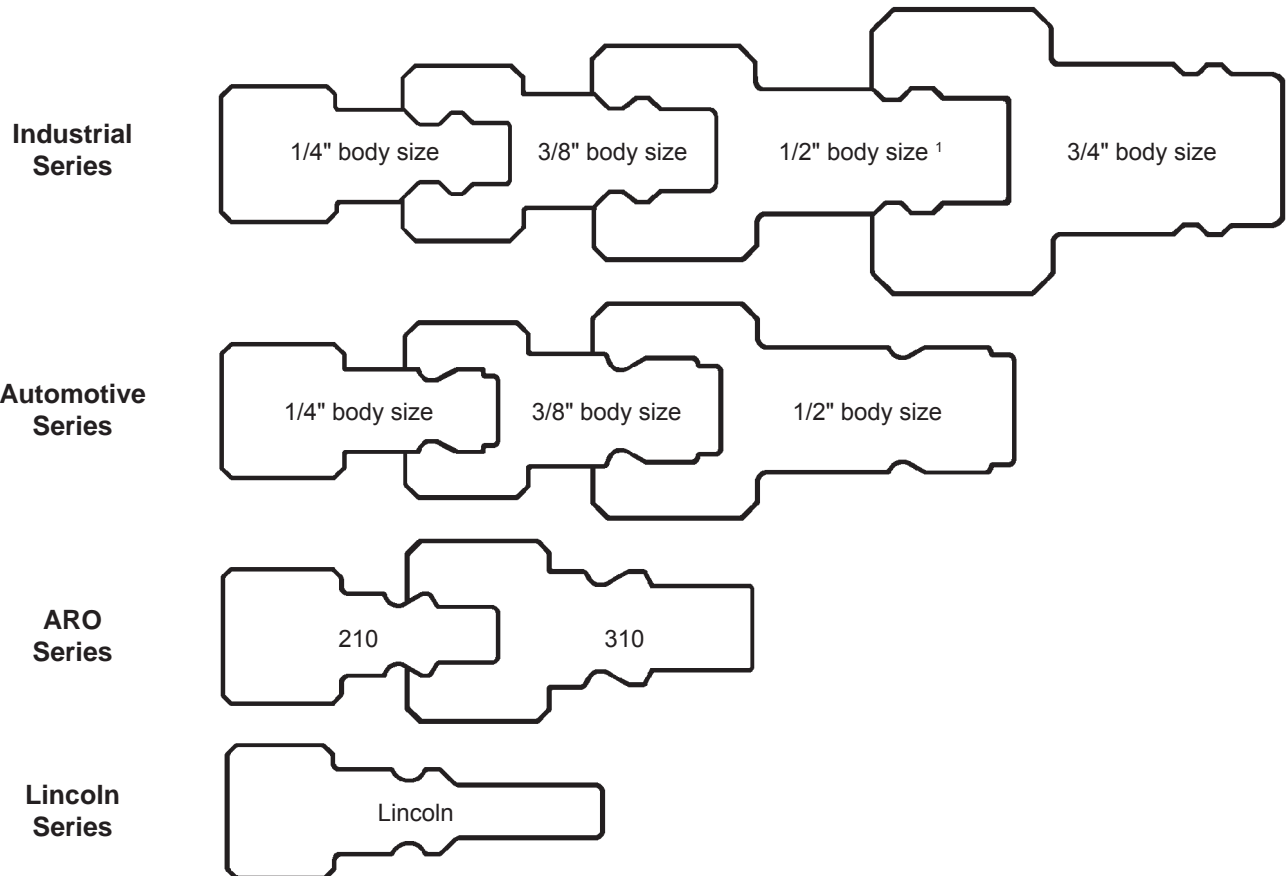
ISO 7241-A
Perfecting K Series
Aeroquip 5600
Parker 6600

Cam and Groove Nominal Take-Up Lengths



Coupling Size	Dimension A
1/2"	0.97"
3/4"	0.97"
1"	1.20"
1 1/4"	1.44"
1 1/2"	1.50"
2"	1.81"
2 1/2"	1.82"
3"	1.78"
4"	1.84"
5"	2.00"
6"	2.13"
8"	2.06"
8"	3.22"

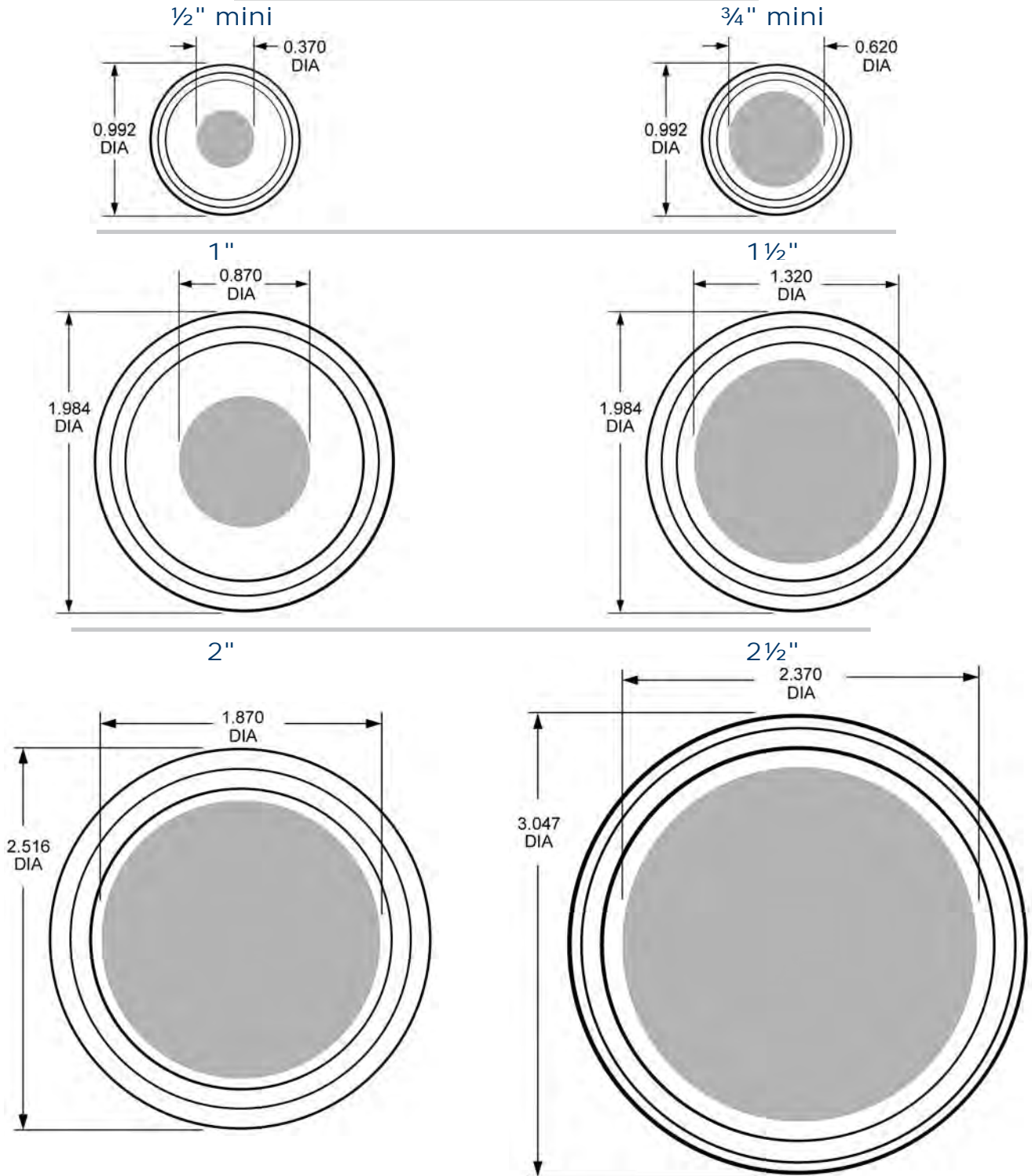
Air Chief Actual Size Profile Charts



¹ 1/2" Industrial Series may also interchange with 1/2" Automotive Series.

Sanitary Sizing Guide

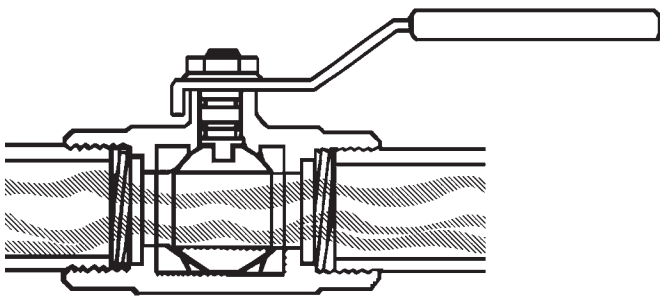
- actual size diagrams are provided to eliminate sizing errors when specifying sanitary fittings
- outside diameters are the same for 1/2" and 3/4" (0.992 OD) and 1" and 1 1/2" (1.984 OD)
- sizes 2" and above have specific outside diameter dimensions
- Diagrams are not available for 3" and above, reference the table below for information



Sanitary Size	OD of clamp end	ID of fitting	Sanitary Size	OD of clamp end	ID of fitting
1/2"	0.992	0.370	3"	3.579	2.870
3/4"	0.992	0.620	4"	4.682	3.834
1"	1.984	0.870	6"	6.562	5.782
1 1/2"	1.984	1.320	8"	8.602	7.760
2"	2.516	1.870	10"	10.570	9.782
2 1/2"	3.047	2.370	12"	12.570	11.760

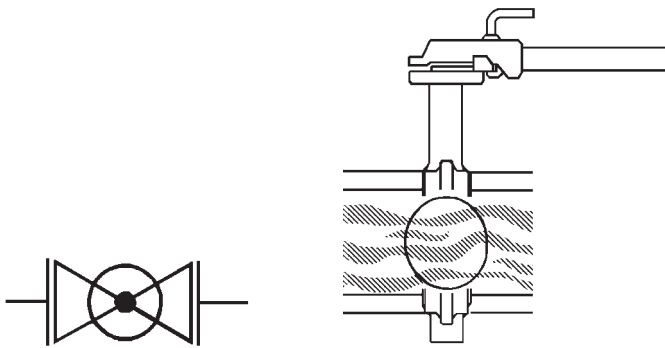
Valve Selection Guide

Ball Valve



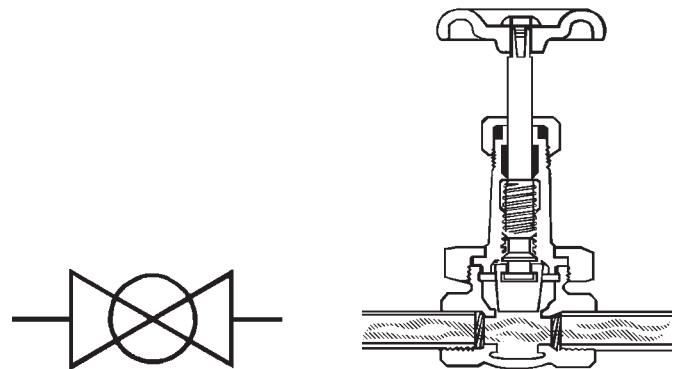
- can be used for on and off service or throttling
- when positive shut-off is necessary
- where a low valve profile is necessary
- only 90° rotation from open to fully closed (quick opening)
- Handle position is a quick indication of whether valve is open or closed.
- full port ball valves do not resist flow

Butterfly Valve



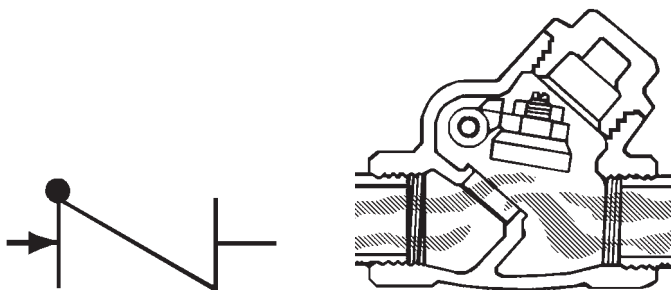
- where positive shut-off is necessary
- primarily for fully open or fully closed applications
- may be used for throttling
- only 90° rotation from open to fully closed
- lightweight
- easy to install
- less costly than an iron body gate valve

Gate Valve



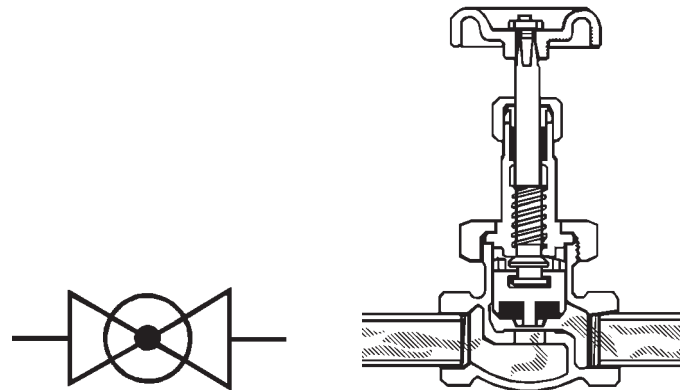
- for fully open or fully closed service - not for throttling
- for minimum line pressure drop
- for minimum fluid entrapment in the line
- for relatively infrequent operation

Check Valve



- To control the direction of flow and for quick, automatic reactions to flow change. Swing check valves are used when a minimum resistance to flow is required.
- Swing check valves are recommended for use in conjunction with gate valves. They should not be used in a rapid recycling system such as reciprocating pumps or air compressor service where they could cause chatter and damaging vibration.

Globe Valve

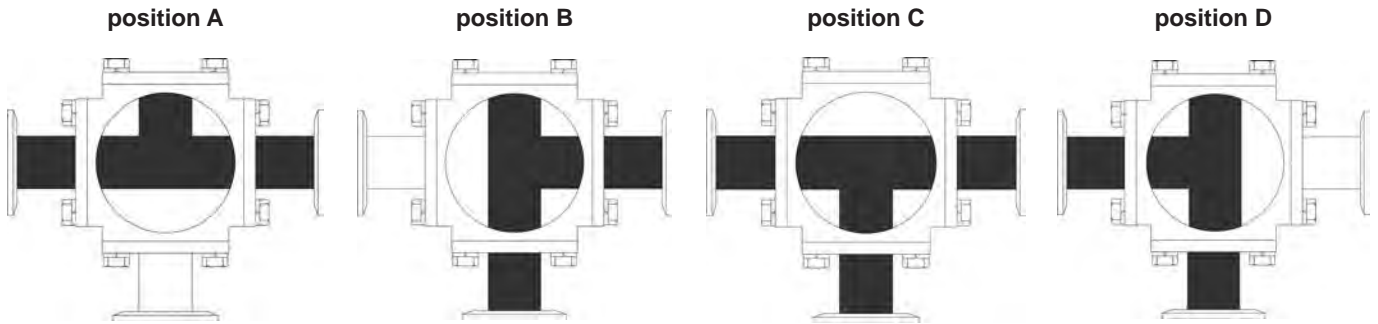


- for regulation (throttling) of flow
- for frequent operation; short stem travel reduces operator's time
- where some line resistance is acceptable

3-Way Ball Valve Flow Options

'T' Pattern, Side Entry

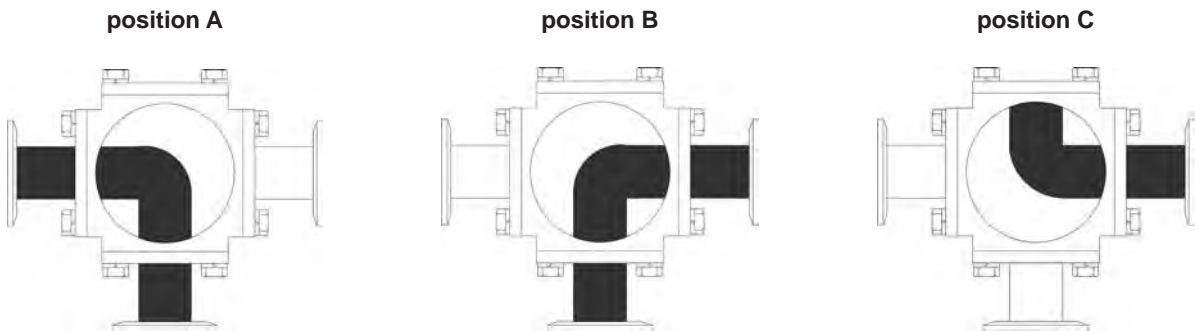
Top view



Number	Rotation	Flow Plan Options
1	90°	A, B
2	90°	B, C
3	90°	C, D
4	90°	A, D
5	180°	A, B, C
6	180°	B, C, D
7	180°	A, C, D
8	180°	A, B, D

'L' Pattern, Side Entry

Top view



Number	Rotation	Flow Plan Options
1	90°	A, B
2	180°	A, B, C

Crimp Recommendations

The crimp recommendation charts on pages 838-849 are only guides. It will not apply to every coupling situation. In some instances alternative dies and crimping dimensions must be employed to ensure safety. Experience has shown that variances in the construction of similar hoses and couplings may cause some assemblies to react differently when crimped. It is not uncommon to find hose with an outer diameter that fluctuates from one end to the other or from production lot to production lot. These inconsistencies coupled with the inherent differences between textile or wire braid, hard or soft wall, the presence or absence of an internal spiral wire and the differences in hose coverings make it difficult to establish hard and fast rules. Therefore, it's imperative that hose dimensions are accurately measured, assemblies are tested, and documentation is maintained.

Crimp Dix-Lock and Dual-Lock Recommendation Guide

- see pages 124-126 and 127-128 for the Dix-Lock and Dual-Lock products

Hose ID	Part #	Hose OD		Crimp Diameter (±0.005)	Crimp Length		% Reduction
		Fractional	Decimal		QM/QB	PHL	
1/2"	QM3WF QB3WF QM22WF QB22WF QM33WF QB33WF PHL8WF	54/64	0.844	0.925	1-1/8	1-1/4	18.9
		55/64	0.859	0.940	1-1/8	1-1/4	18.1
		56/64	0.875	0.950	1-1/8	1-1/4	18.9
		57/64	0.891	0.965	1-1/8	1-1/4	18.4
		58/64	0.906	0.975	1-1/8	1-1/4	19.0
		59/64	0.922	0.990	1-1/8	1-1/4	18.5
		60/64	0.938	1.005	1-1/8	1-1/4	18.0
		61/64	0.953	1.015	1-1/8	1-1/4	18.5
		62/64	0.969	1.030	1-1/8	1-1/4	18.1
		63/64	0.984	1.040	1-1/8	1-1/4	18.6
		1	1.000	1.055	1-1/8	1-1/4	18.2
		1-1/64	1.016	1.065	1-1/8	1-1/4	18.8
		1-2/64	1.031	1.080	1-1/8	1-1/4	18.3
3/4"	QM4WF QB4WF QM23WF QB23WF QM44WF QB44WF PHL12WF	1-10/64	1.156	1.220	1-1/4		18.5
		1-11/64	1.171	1.235	1-1/4		18.0
		1-12/64	1.187	1.244	1-1/4		18.7
		1-13/64	1.203	1.260	1-1/4		18.1
		1-14/64	1.218	1.270	1-1/4		18.8
		1-15/64	1.234	1.285	1-1/4		18.2
		1-16/64	1.250	1.295	1-1/4		18.8
		1-17/64	1.265	1.310	1-1/4		18.4
		1-18/64	1.281	1.320	1-1/4		18.8
		1-19/64	1.296	1.335	1-1/4		18.5
		1-20/64	1.312	1.345	1-1/4		19.0
		1-21/64	1.328	1.360	1-1/4		18.5
		1-22/64	1.343	1.370	1-1/4		19.0

Crimp 3500 Nipple Recommendation Guide

- see page 129 for the 3500 nipples

Hose ID	Part #	Hose OD		Crimp Diameter (±0.005)	Crimp Length	% Reduction
		Fractional	Decimal			
1/2"	3512WF	54/64	0.844	0.906	1-1/4	21.1
		55/64	0.859	0.906	1-1/4	24.5
		56/64	0.875	0.938	1-1/4	19.3
		57/64	0.891	0.938	1-1/4	22.6
		58/64	0.906	0.969	1-1/4	17.8
3/4"	3514WF	1-10/64	1.156	1.218	1-7/16	17.8
		1-11/64	1.171	1.218	1-7/16	20.7
		1-12/64	1.187	1.218	1-7/16	23.6
		1-13/64	1.203	1.250	1-7/16	19.4
		1-14/64	1.218	1.250	1-7/16	22
1"	3518WF	1-30/64	1.468	1.500	1-15/16	23
		1-31/64	1.484	1.531	1-15/16	19
		1-32/64	1.500	1.531	1-15/16	21.6
		1-33/64	1.515	1.563	1-15/16	17.9
		1-34/64	1.531	1.563	1-15/16	20.3

Crimp Air King Recommendation Guide

• see page 119 for Air King products

Hose ID	Part #	Hose OD		Crimp Diameter (±0.005)	Crimp Length	% Reduction		
		Fractional	Decimal					
1/2"	AM1WF	54/64	0.843	0.906	1-1/4	18.3		
		55/64	0.859	0.937	1-1/4	13.2		
		56/64	0.875	0.937	1-1/4	16.9		
		57/64	0.890	0.968	1-1/4	12.1		
		58/64	0.906	0.968	1-1/4	15.5		
		59/64	0.921	1.000	1-1/4	11.1		
		60/64	0.937	1.000	1-1/4	14.4		
		61/64	0.953	1.000	1-1/4	17.2		
		62/64	0.968	1.031	1-1/4	13.4		
		63/64	0.984	1.031	1-1/4	16.1		
		1	1.000	1.062	1-1/4	12.7		
		1-1/64	1.015	1.062	1-1/4	15.3		
		1-2/64	1.031	1.093	1-1/4	12.0		
		3/4"	AM6WF RAM6WF	1-4/64	1.062	1.156	1-1/4	13.4
1-5/64	1.078			1.156	1-1/4	17.3		
1-6/64	1.093			1.187	1-1/4	11.9		
1-7/64	1.109			1.187	1-1/4	15.8		
1-8/64	1.125			1.218	1-1/4	11.2		
1-9/64	1.140			1.218	1-1/4	14.6		
1-10/64	1.156			1.218	1-1/4	17.5		
1-11/64	1.171			1.250	1-1/4	13.0		
1-12/64	1.187			1.250	1-1/4	16.2		
1-13/64	1.203			1.281	1-1/4	12.3		
1-14/64	1.218			1.281	1-1/4	15.1		
1-15/64	1.234			1.312	1-1/4	11.5		
1-16/64	1.250			1.312	1-1/4	14.4		
1-17/64	1.265			1.312	1-1/4	16.9		
1-18/64	1.281			1.343	1-1/4	13.5		
1-19/64	1.296			1.343	1-1/4	15.9		
1-20/64	1.312			1.375	1-1/4	12.6		
1-21/64	1.328			1.375	1-1/4	15.0		
1-22/64	1.343			1.406	1-1/4	12.1		
1"	AM11WF-1			1-18/64	1.281	1.375	1-1/2	16.7
				1-19/64	1.296	1.375	1-1/2	20.5
				1-20/64	1.312	1.406	1-1/2	15.0
		1-21/64	1.328	1.406	1-1/2	18.6		
		1-22/64	1.343	1.437	1-1/2	13.7		
		1-23/64	1.359	1.437	1-1/2	17.5		
		1-24/64	1.375	1.468	1-1/2	12.8		
		1-25/64	1.390	1.468	1-1/2	16.1		
		1-26/64	1.406	1.500	1-1/2	11.5		
		1-27/64	1.421	1.500	1-1/2	14.7		
		1-28/64	1.437	1.500	1-1/2	17.6		
		1-29/64	1.453	1.531	1-1/2	13.9		
		AM11WF-1 AM11WF	1-30/64	1.468	1.531	1-1/2	16.8	
			1-31/64	1.484	1.562	1-1/2	12.8	
	1-32/64		1.500	1.562	1-1/2	15.4		
	1-33/64		1.515	1.593	1-1/2	12.0		
	1-34/64		1.531	1.593	1-1/2	14.7		
	AM11WF		1-35/64	1.546	1.625	1-1/2	11.1	
		1-36/64	1.562	1.625	1-1/2	13.7		
		1-37/64	1.578	1.625	1-1/2	15.9		
		1-38/64	1.593	1.656	1-1/2	12.9		
		1-39/64	1.609	1.656	1-1/2	15.1		
		1-40/64	1.625	1.687	1-1/2	12.4		
		1-41/64	1.640	1.687	1-1/2	14.5		
		1-42/64	1.656	1.718	1-1/2	11.8		
		1-43/64	1.671	1.718	1-1/2	14.0		
1-44/64		1.687	1.750	1-1/2	11.3			
1-45/64		1.703	1.750	1-1/2	13.3			
1-46/64		1.718	1.750	1-1/2	15.1			

Crimp Global Air King Recommendation Guide

- see page 117-118 for Global Air King products

½" Global Air King

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
½"	GAM1	CCF0906	54/64	0.8438	0.840	15
		CCF0906	55/64	0.8594	0.853	15
		CCF0906	56/64	0.8750	0.867	15

¾" Global Air King

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
¾"	GAM6	CCF1120	1-5/64	1.0781	1.082	20
		CCF1120	1-6/64	1.0938	1.094	20
		CCF1149	1-7/64	1.1094	1.107	20
		CCF1149	1-8/64	1.1250	1.119	20
		CCF1190	1-9/64	1.1406	1.122	20
		CCF1190	1-10/64	1.1563	1.134	20
		CCF1218	1-11/64	1.1719	1.147	20
		CCF1218	1-12/64	1.1875	1.159	20
		CCF1246	1-13/64	1.2031	1.182	20
		CCF1246	1-14/64	1.2188	1.194	20

1" Global Air King

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
1"	GAM7	CCF1438	1-25/64	1.3906	1.388	20
		CCF1438	1-26/64	1.4063	1.400	20
		CCF1469	1-27/64	1.4219	1.413	20
		CCF1469	1-28/64	1.4375	1.425	20
		CCF1500	1-29/64	1.4531	1.438	20
		CCF1500	1-30/64	1.4688	1.450	20
		CCF1531	1-31/64	1.4844	1.463	20
		CCF1531	1-32/64	1.5000	1.475	20

Crimp Surelock Recommendation Guide

• see page 122 for Surelock products

Hose ID	Part #	Hose OD		Crimp Diameter (±0.005)	Crimp Length	% Reduction		
		Fractional	Decimal					
1/2"	SL050CR	54/64	0.843	0.969	1-1/4	16.6		
		55/64	0.859	0.969	1-1/4	20.2		
		56/64	0.875	0.969	1-1/4	23.5		
		57/64	0.890	1.000	1-1/4	18.6		
		58/64	0.906	1.000	1-1/4	21.7		
		59/64	0.921	1.031	1-1/4	17.2		
		60/64	0.937	1.031	1-1/4	20.2		
		61/64	0.953	1.032	1-1/4	23.0		
		62/64	0.968	1.063	1-1/4	18.8		
		63/64	0.984	1.063	1-1/4	21.5		
		1	1.000	1.094	1-1/4	17.7		
		1-1/64	1.015	1.094	1-1/4	20.2		
		1-2/64	1.031	1.094	1-1/4	22.5		
		3/4"	SL075CR	1-4/64	1.062	1.156	1-1/4	18.8
				1-5/64	1.078	1.156	1-1/4	22.7
1-6/64	1.093			1.188	1-1/4	17.1		
1-7/64	1.109			1.188	1-1/4	20.7		
1-8/64	1.125			1.188	1-1/4	24.0		
1-9/64	1.140			1.219	1-1/4	19.0		
1-10/64	1.156			1.219	1-1/4	22.2		
1-11/64	1.171			1.250	1-1/4	17.6		
1-12/64	1.187			1.250	1-1/4	20.6		
1-13/64	1.203			1.250	1-1/4	23.3		
1-14/64	1.218			1.281	1-1/4	19.2		
1-15/64	1.234			1.281	1-1/4	21.8		
1-16/64	1.250			1.313	1-1/4	18.0		
1-17/64	1.265			1.313	1-1/4	20.5		
1-18/64	1.281			1.313	1-1/4	22.8		
1-19/64	1.296			1.344	1-1/4	19.3		
1-20/64	1.312			1.344	1-1/4	21.6		
1-21/64	1.328			1.375	1-1/4	18.3		
1-22/64	1.343			1.375	1-1/4	20.4		
1"	SL100CR			1-30/64	1.468	1.500	1-1/2	21.9
				1-31/64	1.484	1.531	1-1/2	18.0
				1-32/64	1.500	1.531	1-1/2	20.6
		1-33/64	1.515	1.531	1-1/2	23.0		
		1-34/64	1.531	1.563	1-1/2	19.3		
		1-35/64	1.546	1.563	1-1/2	21.7		
		1-36/64	1.562	1.594	1-1/2	18.3		
		1-37/64	1.578	1.594	1-1/2	20.5		
		1-38/64	1.593	1.625	1-1/2	17.3		
		1-39/64	1.609	1.625	1-1/2	19.4		
		1-40/64	1.625	1.625	1-1/2	21.4		
		1-41/64	1.640	1.656	1-1/2	18.5		
		1-42/64	1.656	1.656	1-1/2	20.4		
		1-43/64	1.671	1.688	1-1/2	17.6		
		1-44/64	1.687	1.688	1-1/2	19.5		
		1-45/64	1.703	1.688	1-1/2	21.3		
		1-46/64	1.718	1.719	1-1/2	18.6		
		1 1/2"	SL150CR	2-1/64	2.015	2.094	2-7/8	19.9
2-2/64	2.031			2.094	2-7/8	22.3		
2-3/64	2.046			2.125	2-7/8	18.8		
2-4/64	2.062			2.125	2-7/8	21.1		
2-5/64	2.078			2.125	2-7/8	23.2		
2-6/64	2.093			2.156	2-7/8	20.0		
2-7/64	2.109			2.156	2-7/8	22.0		
2-8/64	2.125			2.188	2-7/8	19.0		
2"	SL200CR			2-41/64	2.640	2.718	3	20.1
		2-42/64	2.656	2.750	3	17.3		
		2-43/64	2.671	2.750	3	19.2		
		2-44/64	2.687	2.750	3	21.0		
		2-45/64	2.703	2.781	3	18.3		
		2-46/64	2.718	2.781	3	20.1		
		2-47/64	2.734	2.813	3	17.6		
		2-48/64	2.750	2.813	3	19.3		

Crimp Sanitary Recommendation Guide

• see page 430 for Crimp Sanitary products

1", 1½" and 2" Crimped Sanitary Fittings

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
1"	CSSR100 CBSR100	F16G-1453	1-26/64	1.406	1.565	23%
			1-27/64	1.422	1.577	23%
			1-28/64	1.438	1.589	23%
		F16G-1500	1-29/64	1.453	1.601	23%
			1-30/64	1.469	1.613	23%
			1-31/64	1.484	1.625	23%
		F16G-1547	1-32/64	1.500	1.637	23%
			1-33/64	1.516	1.649	23%
			1-34/64	1.531	1.661	23%
		F16G-1594	1-35/64	1.547	1.673	23%
			1-36/64	1.563	1.685	23%
			1-37/64	1.578	1.697	23%
		F16G-1641	1-38/64	1.594	1.709	23%
			1-39/64	1.609	1.721	23%
			1-40/64	1.625	1.733	23%
1½"	CSSR150 CBSR150 CILR150 CTER150	F24G-1969	1-58/64	1.906	2.063	23%
			1-59/64	1.922	2.075	23%
			1-60/64	1.938	2.087	23%
			1-61/64	1.953	2.099	23%
		F24G-2031	1-62/64	1.969	2.111	23%
			1-63/64	1.984	2.123	23%
			2	2.000	2.135	23%
			2-1/64	2.016	2.147	23%
		F24G-2094	2-2/64	2.031	2.159	23%
			2-3/64	2.047	2.171	23%
			2-4/64	2.063	2.183	23%
			2-5/64	2.078	2.195	23%
		F24G-2156	2-6/64	2.094	2.207	23%
			2-7/64	2.109	2.219	23%
			2-8/64	2.125	2.231	23%
2-9/64	2.141		2.243	23%		
2"	CSSR200 CBSR200 CILR200 CTER200	F32G-2531	2-30/64	2.469	2.611	23%
			2-31/64	2.484	2.623	23%
			2-32/64	2.500	2.635	23%
			2-33/64	2.516	2.647	23%
		F32G-2594	2-34/64	2.531	2.659	23%
			2-35/64	2.547	2.671	23%
			2-36/64	2.563	2.683	23%
			2-37/64	2.578	2.695	23%
		F32G-2656	2-38/64	2.594	2.707	23%
			2-39/64	2.609	2.719	23%
			2-40/64	2.625	2.731	23%
			2-41/64	2.641	2.743	23%
		F32G-2719	2-42/64	2.656	2.755	23%
			2-43/64	2.672	2.767	23%
			2-44/64	2.688	2.779	23%
2-45/64	2.703		2.791	23%		
F32G-2875	2-52/64	2.812	2.876	23%		
	2-53/64	2.828	2.888	23%		
	2-54/64	2.843	2.899	23%		
	2-55/64	2.859	2.911	23%		

Crimp Sanitary Recommendation Guide

• see page 430 for Crimp Sanitary products

3" and 4" Crimped Sanitary Fittings

Hose ID	Stem Part #	Ferrule Part #	Hose OD		Crimp Diameter (±0.005)	% Reduction
			Fractional	Decimal		
3"	CSSR300 CBSR300 CILR300 CTER300	F48G-3625	3-36/64	3.563	3.683	23%
			3-37/64	3.578	3.695	23%
			3-38/64	3.594	3.707	23%
			3-39/64	3.609	3.719	23%
		F48G-3688	3-40/64	3.625	3.731	23%
			3-41/64	3.641	3.743	23%
			3-42/64	3.656	3.755	23%
			3-43/64	3.672	3.767	23%
		F48G-3750	3-44/64	3.688	3.779	23%
			3-45/64	3.703	3.791	23%
			3-46/64	3.719	3.803	23%
			3-47/64	3.734	3.815	23%
		F48G-3813	3-48/64	3.750	3.828	23%
			3-49/64	3.766	3.840	23%
			3-50/64	3.781	3.852	23%
			3-51/64	3.797	3.864	23%
		F48G-3875	3-52/64	3.813	3.876	23%
			3-53/64	3.828	3.888	23%
			3-54/64	3.844	3.900	23%
			3-55/64	3.859	3.912	23%
		F48G-3938	3-56/64	3.875	3.924	23%
			3-57/64	3.891	3.936	23%
			3-58/64	3.906	3.948	23%
			3-59/64	3.922	3.960	23%
		F48G-4106	4-3/64	4.046	4.056	23%
			4-4/64	4.062	4.069	23%
			4-5/64	4.078	4.080	23%
			4-6/64	4.093	4.092	23%
4"	CSSR400 CBSR400 CILR400 CTER400	F64G-4688	4-40/64	4.625	4.857	23%
			4-41/64	4.641	4.869	23%
			4-42/64	4.656	4.881	23%
			4-43/64	4.672	4.893	23%
		F64G-4750	4-44/64	4.688	4.905	23%
			4-45/64	4.703	4.917	23%
			4-46/64	4.719	4.929	23%
			4-47/64	4.734	4.941	23%
		F64G-4813	4-48/64	4.750	4.954	23%
			4-49/64	4.766	4.966	23%
			4-50/64	4.781	4.978	23%
			4-51/64	4.797	4.990	23%
		F64G-4875	4-52/64	4.813	5.002	23%
			4-53/64	4.828	5.014	23%
			4-54/64	4.844	5.026	23%
			4-55/64	4.859	5.038	23%
		F64G-4938	4-56/64	4.875	5.050	23%
			4-57/64	4.891	5.062	23%
			4-58/64	4.906	5.074	23%
			4-59/64	4.922	5.086	23%
		F64G-5141	5-5/64	5.078	5.205	23%
			5-6/64	5.093	5.218	23%
			5-7/64	5.109	5.230	23%
			5-8/64	5.125	5.242	23%

Crimp Recommendation Guide

- see pages 12-21 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diameter (± 0.005)
					From	To		
1"	100-C-AL 100-C-BR 100-C-SS RC100EZCR G100-C-ALCR G100-C-BRCR G100-C-SSCR	100-E-AL 100-E-BR 100-E-SS G100-E-ALCR G100-E-BRCR G100-E-SSCR	STC10CS RST10CS STV10CS RSTV10CS STB10CS RSTB10CS	CS100-1xx CF100-1xx	1-13/64	1-16/64	1 13/64	1.266
							1 14/64	1.278
							1 15/64	1.290
							1 16/64	1.303
				CS100-2xx CF100-2xx	1-17/64	1-20/64	1 17/64	1.317
							1 18/64	1.329
							1 19/64	1.342
							1 20/64	1.354
				CS100-3xx CF100-3xx	1-21/64	1-24/64	1 21/64	1.366
							1 22/64	1.378
							1 23/64	1.390
							1 24/64	1.403
				CS100-4xx CF100-4xx	1-25/64	1-28/64	1 25/64	1.419
							1 26/64	1.431
							1 27/64	1.443
							1 28/64	1.456
				CS100-5xx CF100-5xx	1-29/64	1-32/64	1 29/64	1.468
							1 30/64	1.480
							1 31/64	1.493
							1 32/64	1.505
				CS100-6xx CF100-6xx	1-33/64	1-36/64	1 33/64	1.517
							1 34/64	1.530
							1 35/64	1.542
							1 36/64	1.554
				CS100-7xx CF100-7xx	1-37/64	1-40/64	1 37/64	1.567
							1 38/64	1.579
							1 39/64	1.591
							1 40/64	1.604
				CS100-8xx CF100-8xx	1-41/64	1-44/64	1 41/64	1.616
							1 42/64	1.628
							1 43/64	1.641
							1 44/64	1.653
CS100-9xx CF100-9xx	1-45/64	1-48/64	1 45/64	1.665				
			1 46/64	1.678				
			1 47/64	1.690				
			1 48/64	1.703				
CS100-10xx CF100-10xx	1-49/64	1-52/64	1 49/64	1.715				
			1 50/64	1.727				
			1 51/64	1.740				
			1 52/64	1.752				

Crimp Recommendation Guide

- see pages 12-21 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diameter (± 0.005)						
					From	To								
1½"	150-C-AL 150-C-BR 150-C-SS RC150EZCR G150-C-ALCR G150-C-BRCR G150-C-SSCR	150-E-AL 150-E-BR 150-E-SS G150-E-ALCR G150-E-BRCR G150-E-SSCR	STC20CS RST20CS STV20CS RSTV20CS STB20CS RSTB20CS FST20CS RFST20CS	CS150-1xx CF150-1xx	1-41/64	1-44/64	1 41/64	1.726						
							1 42/64	1.738						
							1 43/64	1.749						
								CS150-2xx CF150-2xx	1-45/64	1-48/64	1 44/64	1.761		
							1 45/64				1.778			
							1 46/64				1.790			
								CS150-3xx CF150-3xx	1-49/64	1-52/64	1 47/64	1.802		
							1 48/64				1.815			
							1 49/64				1.829			
								CS150-4xx CF150-4xx	1-53/64	1-56/64	1 50/64	1.841		
							1 51/64				1.854			
							1 52/64				1.866			
								CS150-5xx CF150-5xx	1-57/64	1-60/64	1 53/64	1.878		
							1 54/64				1.890			
							1 55/64				1.902			
								CS150-6xx CF150-6xx	1-61/64	2	1 56/64	1.915		
							1 57/64				1.931			
							1 58/64				1.943			
								CS150-7xx CF150-7xx	2-1/64	2-4/64	1 59/64	1.955		
							1 60/64				1.968			
							1 61/64				1.980			
								CS150-8xx CF150-8xx	2-5/64	2-8/64	1 62/64	1.992		
							1 63/64				2.005			
							2				2.017			
								CS150-9xx CF150-9xx	2-9/64	2-12/64	2 1/64	2.029		
							2 2/64				2.042			
							2 3/64				2.054			
								CS150-10xx CF150-10xx	2-13/64	2-16/64	2 4/64	2.066		
							2 5/64				2.079			
							2 6/64				2.091			
								CS150-11xx CF150-11xx	2-17/64	2-20/64	2 7/64	2.103		
							2 8/64				2.116			
							2 9/64				2.128			
								CS150-12xx CF150-12xx	2-21/64	2-24/64	2 10/64	2.140		
							2 11/64				2.153			
							2 12/64				2.165			
											2 13/64	2.177		
													2 14/64	2.190
													2 15/64	2.202
											2 16/64	2.215		
													2 17/64	2.227
													2 18/64	2.239
											2 19/64	2.252		
													2 20/64	2.264
													2 21/64	2.276
											2 22/64	2.289		
													2 23/64	2.301
													2 24/64	2.313

Crimp Recommendation Guide

- see pages 12-21 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diameter (± 0.005)
					From	To		
2"	200-C-AL 200-C-BR 200-C-SS RC200EZCR G200-C-ALCR G200-C-BRCR G200-C-SSCR	200-E-AL 200-E-BR 200-E-SS G200-E-ALCR G200-E-BRCR G200-E-SSCR	STC25CS RST25CS STV25CS RSTV25CS STB25CS RSTB25CS FST25CS RFST25CS	CS200-1xx CF200-1xx	2-13/64	2-16/64	2 13/64	2.278
							2 14/64	2.290
							2 15/64	2.302
							2 16/64	2.315
				CS200-2xx CF200-2xx	2-17/64	2-20/64	2 17/64	2.329
							2 18/64	2.341
							2 19/64	2.354
							2 20/64	2.366
				CS200-3xx CF200-3xx	2-21/64	2-24/64	2 21/64	2.378
							2 22/64	2.390
							2 23/64	2.402
							2 24/64	2.415
				CS200-4xx CF200-4xx	2-25/64	2-28/64	2 25/64	2.431
							2 26/64	2.443
							2 27/64	2.455
							2 28/64	2.468
				CS200-5xx CF200-5xx	2-29/64	2-32/64	2 29/64	2.480
							2 30/64	2.492
							2 31/64	2.505
							2 32/64	2.517
				CS200-6xx CF200-6xx	2-33/64	2-36/64	2 33/64	2.529
							2 34/64	2.542
							2 35/64	2.554
							2 36/64	2.566
				CS200-7xx CF200-7xx	2-37/64	2-40/64	2 37/64	2.579
							2 38/64	2.591
							2 39/64	2.603
							2 40/64	2.616
				CS200-8xx CF200-8xx	2-41/64	2-44/64	2 41/64	2.628
							2 42/64	2.640
							2 43/64	2.653
							2 44/64	2.665
				CS200-9xx CF200-9xx	2-45/64	2-48/64	2 45/64	2.677
							2 46/64	2.690
							2 47/64	2.702
							2 48/64	2.715
				CS200-10xx CF200-10xx	2-49/64	2-52/64	2 49/64	2.727
							2 50/64	2.739
							2 51/64	2.752
							2 52/64	2.764
				CS200-11xx CF200-11xx	2-53/64	2-56/64	2 53/64	2.776
							2 54/64	2.789
							2 55/64	2.801
							2 56/64	2.813
				CS200-12xx CF200-12xx	2-57/64	2-60/64	2 57/64	2.826
							2 58/64	2.838
							2 59/64	2.850
							2 60/64	2.863

Crimp Recommendation Guide

• see pages 12-21 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diameter (± 0.005)
					From	To		
3"	300-C-AL 300-C-BR 300-C-SS RC300EZCR G300-C-ALCR G300-C-BRCR G300-C-SSCR	300-E-AL 300-E-BR 300-E-SS G300-E-ALCR G300-E-BRCR G300-E-SSCR	STC35CS RST35CS STV35CS RSTV35CS STB35CS RSTB35CS FST35CS RFST35CS	CS300-1xx CF300-1xx	3-13/64	3-16/64	3 13/64	3.333
							3 14/64	3.345
							3 15/64	3.357
				CS300-2xx CF300-2xx	3-17/64	3-20/64	3 16/64	3.370
							3 17/64	3.384
							3 18/64	3.396
				CS300-3xx CF300-3xx	3-21/64	3-24/64	3 19/64	3.409
							3 20/64	3.421
							3 21/64	3.433
				CS300-4xx CF300-4xx	3-25/64	3-28/64	3 22/64	3.445
							3 23/64	3.457
							3 24/64	3.470
				CS300-5xx CF300-5xx	3-29/64	3-32/64	3 25/64	3.486
							3 26/64	3.498
							3 27/64	3.510
				CS300-6xx CF300-6xx	3-33/64	3-36/64	3 28/64	3.523
							3 29/64	3.535
							3 30/64	3.547
				CS300-7xx CF300-7xx	3-37/64	3-40/64	3 31/64	3.560
							3 32/64	3.572
							3 33/64	3.584
				CS300-8xx CF300-8xx	3-41/64	3-44/64	3 34/64	3.597
							3 35/64	3.609
							3 36/64	3.621
				CS300-9xx CF300-9xx	3-45/64	3-48/64	3 37/64	3.634
							3 38/64	3.646
							3 39/64	3.658
				CS300-10xx CF300-10xx	3-49/64	3-52/64	3 40/64	3.671
							3 41/64	3.683
							3 42/64	3.695
				CS300-11xx CF300-11xx	3-53/64	3-56/64	3 43/64	3.708
							3 44/64	3.720
							3 45/64	3.732
				CS300-12xx CF300-12xx	3-57/64	3-60/64	3 46/64	3.745
							3 47/64	3.757
							3 48/64	3.770
				CS300-13xx CF300-13xx	3-61/64	4	3 49/64	3.782
							3 50/64	3.794
							3 51/64	3.807
				CS300-14xx CF300-14xx	4-1/64	4-4/64	3 52/64	3.819
							3 53/64	3.831
							3 54/64	3.844
				CS300-15xx CF300-15xx	4-5/64	4-8/64	3 55/64	3.856
							3 56/64	3.868
							3 57/64	3.881
				CS300-16xx CF300-16xx	4-9/64	4-12/64	3 58/64	3.893
							3 59/64	3.905
							3 60/64	3.918
							3 61/64	3.930
							3 62/64	3.942
							3 63/64	3.955
							4	3.967
4 1/64	3.979							
4 2/64	3.992							
			4 3/64	4.004				
			4 4/64	4.016				
			4 5/64	4.029				
			4 6/64	4.041				
			4 7/64	4.053				
			4 8/64	4.066				
			4 9/64	4.078				
			4 10/64	4.090				
			4 11/64	4.103				
			4 12/64	4.115				

Crimp Recommendation Guide

• see pages 12-21 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diameter (± 0.005)				
					From	To						
4"	400-C-AL 400-C-BR 400-C-SS RC400EZCR G400-C-ALCR G400-C-BRCR G400-C-SSCR	400-E-AL 400-E-BR 400-E-SS G400-E-ALCR G400-E-BRCR G400-E-SSCR	STC40CS RST40CS STV40CS RSTV40CS STB40CS RSTB40CS FST40CS RFST40CS	CS400-1xx CF400-1xx	4-13/64	4-16/64	4 13/64	4.333				
							4 14/64	4.345				
											4 15/64	4.357
											4 16/64	4.370
								CS400-2xx CF400-2xx	4-17/64	4-20/64	4 17/64	4.384
											4 18/64	4.396
											4 19/64	4.409
											4 20/64	4.421
								CS400-3xx CF400-3xx	4-21/64	4-24/64	4 21/64	4.433
											4 22/64	4.445
											4 23/64	4.457
											4 24/64	4.470
								CS400-4xx CF400-4xx	4-25/64	4-28/64	4 25/64	4.486
											4 26/64	4.498
											4 27/64	4.510
											4 28/64	4.523
								CS400-5xx CF400-5xx	4-29/64	4-32/64	4 29/64	4.535
											4 30/64	4.547
											4 31/64	4.560
											4 32/64	4.572
								CS400-6xx CF400-6xx	4-33/64	4-36/64	4 33/64	4.584
											4 34/64	4.597
											4 35/64	4.609
											4 36/64	4.621
								CS400-7xx CF400-7xx	4-37/64	4-40/64	4 37/64	4.634
											4 38/64	4.646
											4 39/64	4.658
											4 40/64	4.671
								CS400-8xx CF400-8xx	4-41/64	4-44/64	4 41/64	4.683
											4 42/64	4.695
											4 43/64	4.708
											4 44/64	4.720
								CS400-9xx CF400-9xx	4-45/64	4-48/64	4 45/64	4.732
											4 46/64	4.745
											4 47/64	4.757
											4 48/64	4.770
								CS400-10xx CF400-10xx	4-49/64	4-52/64	4 49/64	4.782
											4 50/64	4.794
											4 51/64	4.807
											4 52/64	4.819
								CS400-11xx CF400-11xx	4-53/64	4-56/64	4 53/64	4.831
											4 54/64	4.844
											4 55/64	4.856
											4 56/64	4.868
								CS400-12xx CF400-12xx	4-57/64	4-60/64	4 57/64	4.881
											4 58/64	4.893
											4 59/64	4.905
											4 60/64	4.918
								CS400-13xx CF400-13xx	4-61/64	5	4 61/64	4.930
											4 62/64	4.942
											4 63/64	4.955
											5	4.967
				CS400-14xx CF400-14xx	5-1/64	5-4/64	5 1/64	4.979				
							5 2/64	4.992				
							5 3/64	5.004				
							5 4/64	5.016				
				CS400-15xx CF400-15xx	5-5/64	5-8/64	5 5/64	5.029				
							5 6/64	5.041				
							5 7/64	5.053				
							5 8/64	5.066				
				CS400-16xx CF400-16xx	5-9/64	5-12/64	5 9/64	5.078				
							5 10/64	5.090				
							5 11/64	5.103				
							5 12/64	5.115				

Crimp Recommendation Guide

• see pages 12-21 for Crimp products

Hose ID	Cam & Groove Coupler Part #	Cam & Groove Adapter Part #	King Combination Nipple Part #	Sleeve & Ferrule Part #	Hose Range		Hose OD	Crimp Diameter
					From	To		(± 0.005)
6"	600-C-AL 600-C-BR 600-C-SS RC600EZCR G600-C-ALCR G600-C-BRCR G600-C-SSCR	600-E-AL 600-E-BR 600-E-SS G600-E-ALCR G600-E-BRCR G600-E-SSCR	STC60CS RST60CS STV60CS RSTV60CS STB60CS RSTB60CS FST60CS RFST60CS	CS600-1xx CF600-1xx	6-21/64	6-28/64	6 21/64	6.504
							6 22/64	6.516
							6 23/64	6.528
							6 24/64	6.541
							6 25/64	6.553
							6 26/64	6.565
							6 27/64	6.577
							6 28/64	6.589
				CS600-2xx CF600-2xx	6-29/64	6-36/64	6 29/64	6.606
							6 30/64	6.618
							6 31/64	6.631
							6 32/64	6.643
							6 33/64	6.655
							6 34/64	6.668
							6 35/64	6.680
							6 36/64	6.692
				CS600-3xx CF600-3xx	6-37/64	6-44/64	6 37/64	6.705
							6 38/64	6.717
							6 39/64	6.729
							6 40/64	6.742
							6 41/64	6.754
							6 42/64	6.766
							6 43/64	6.779
							6 44/64	6.791
				CS600-4xx CF600-4xx	6-45/64	6-52/64	6 45/64	6.803
							6 46/64	6.816
							6 47/64	6.828
							6 48/64	6.841
							6 49/64	6.853
							6 50/64	6.865
							6 51/64	6.878
							6 52/64	6.890
				CS600-5xx CF600-5xx	6-53/64	6-60/64	6 53/64	6.902
							6 54/64	6.915
							6 55/64	6.927
							6 56/64	6.939
							6 57/64	6.952
							6 58/64	6.964
							6 59/64	6.976
							6 60/64	6.989
				CS600-6xx CF600-6xx	6-61/64	7-4/64	6 61/64	7.001
							6 62/64	7.013
							6 63/64	7.026
							7	7.038
							7 1/64	7.050
							7 2/64	7.063
							7 3/64	7.075
							7 4/64	7.087
				CS600-7xx CF600-7xx	7-5/64	7-12/64	7 5/64	7.100
							7 6/64	7.112
							7 7/64	7.124
							7 8/64	7.137
7 9/64	7.149							
7 10/64	7.161							
7 11/64	7.174							
7 12/64	7.186							
CS600-8xx CF600-8xx	7-13/64	7-20/64	7 13/64	7.198				
			7 14/64	7.211				
			7 15/64	7.223				
			7 16/64	7.236				
			7 17/64	7.248				
			7 18/64	7.260				
			7 19/64	7.273				
			7 20/64	7.285				
CS600-9xx CF600-9xx	7-21/64	7-28/64	7 21/64	7.297				
			7 22/64	7.310				
			7 23/64	7.322				
			7 24/64	7.334				
			7 25/64	7.347				
			7 26/64	7.359				
			7 27/64	7.371				
			7 28/64	7.384				

Glossary of Terms

A	
ANSI	American National Standards Institute, Inc.
API	American Petroleum Institute
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
Anodize	A process for aluminum, similar to zinc or chrome plating steel, in which an aluminum part is electrically charged then, dipped in various chemicals to produce various colors and/or surface hardness.
B	
Burst Pressure	The pressure at which rupture occurs.
C	
Chamfer	To cut an angle on the hose tube to aid in stem insertion and to prevent the hose end from flaring when a stem is inserted.
Clamp	A metal fitting, band or wire used around the outside of a hose end to secure a coupling, fitting or nipple.
Cold Flow	Continued deformation or movement of rubber under stress.
Compression Set	The deformation that remains in rubber after it has been subjected to and released from stress such as a clamp. The longer the stress is maintained the more definitive the deformation.
Coupling	A device at the end or ends of a length of hose that allows a connection to be made.
Crimping	The act of forming the metal sleeve or ferrule of a hose fitting with a surrounding series of die segments to compress the hose within the fitting. The crimping process changes the shape of the entire circumference and length simultaneously. Often interchanged with the term "swaged".
D	
Durometer	An instrument for measuring the hardness of rubber.
Durometer Hardness	A numerical value which indicates the resistance to indentation of the blunt indenter of the durometer.
E	
Elastomer	Any of various elastic substances resembling rubber.
Expansion Ring	Typically refers to a type of fire hose couplings that are attached by expanding a sleeve (usually brass) outward to compress the hose against the wall of the bowl of the coupling.
External Swage (Swaging)	A ferrule is passed through a reducing die, usually split, to bring the ferrule OD down to a predetermined size (for proper coupling retention) forcing the hose tube down into the stem serrations.
F	
Ferrule	A collar placed over a hose end to attach the fitting to the hose. The ferrule may be crimped swaged, forcing the hose against the shank of the coupling, or the shank may be expanded, forcing the hose out against the ferrule, or both.

Glossary of Terms

G	
Gripping Finger	The part of the clamp that goes over and behind the stem collar to aid in clamp retention.
H	
Hard Coat	An anodizing process in which the surface hardness of aluminum becomes similar to or greater than that of case hardened steel.
I	
Internal Expansion (IX)	A plug (or bullet) is pulled through a stem or a set of blades (fingers) increase the stem ID to the plug OD or a predetermined setting when using expansion blades (fingers). This forces the stem serrations into the hose tube and the hose cover into the serrations of the ferrule.
J	
JIC	Joint Industrial Committee
JIC Thread	Typically refers to the threads on hydraulic fittings having 37° conical sealing surfaces.
M	
MSHA	Mine Safety and Health Administration
N	
NSF/ANSI Standard 61	Drinking Water System Components was published in 1988 to establish minimum requirements for the control of potential adverse human health effects from products that contact drinking water.
Nipple	The section of the fitting that is inserted into the hose. Also known as the shank of a coupling.
Nominal	A dimensional value assigned for the purpose of convenient designation.
O	
Operating Pressure	The pressure at which system functions, also known as Working Pressure
P	
PSI	Pounds per square inch
PSIG	Pounds per square inch gauge
Perlast®	Perfluoroelastomer (FFKM) is the most chemically resistant elastomer available and is effectively a rubber form of PTFE. Perlast® perfluoroelastomer grades provide other properties which prove most valuable in critical sealing applications where purity, high temperatures and retention of sealing force are paramount.
Permanent Fitting	The type of fitting which, after it is applied, cannot be removed for reuse.
Polymer	A macromolecular material formed by the chemical combination of monomers having the same or different chemical composition.
Proof Pressure	A specified pressure which exceeds the hose assemblies rated working pressure to indicate its reliability at normal working pressure. Follow RMA's testing guidelines for specific pressures and duration's for various types of hose.
PTFE	Versatile polymer, polytetrafluoroethylene
R	
RMA	Rubber Manufacturers Association
Reusable Fitting	The type of fitting that is designed to be removed from a hose and recoupled on another hose.

Glossary of Terms

S	
SAE	Society of Automotive Engineers
SAE Threads	Similar to JIC except 45° conical sealing surfaces
SCFM	Standard Cubic Feet per Minute. Typically refers to the amount of compressed air a compressor can produce.
Safety Factor	<p>A ratio used to establish the working pressure of a hose based upon the burst pressure. Typical Safety Factors are as follows:</p> <ol style="list-style-type: none"> 1. Water hose up to 150 psi WP: 3 to 1 2. Hose for all other liquids, solid materials suspended in liquids or air and water hose over 150 psi WP: 4 to 1 3. Hose for compressed air and other gases: 4 to 1 4. Hose for liquid media that immediately changes into gas under standard atmospheric conditions: 5 to 1 5. Steam hose: 10 to 1
Serration	The part of the shank (stem) that grips the hose tube.
Shank	The section of the fitting or coupling that is inserted into the hose.
Sintered	Process in which powdered metal is formed in a mold under extreme pressure to form a finished part.
Styrene Butaline Rubber	Also known as SBR
Surge	A rapid rise and decrease of internal pressure.
T	
Torque	Amount of force required to turn an object. Usually measured in inch pounds (in. lbs.) or foot pounds (ft. lbs.)
Tube	The innermost part of the hose that's purpose is to contain the media being transported. Usually, rubber compounds or plastics are blended to give the tube specific properties so that it is compatible with certain media.
U	
UHMW	Ultra High Molecular Weight. Next generation of chemical hoses after cross-linked polyethylene having a thin tube liner made from extremely dense material giving it excellent chemical resistance properties.
V	
Victaulic Groove	A style of couplings that has a groove cut near the end of the stem where threads would typically be. The couplings are attached using a "C" shaped clamp that fits into the grooves on the stem.
W	
WOG	Water, Oil, Gas. Pressure rating for valves handling these products. This does not include steam.
WP	Working Pressure
Working Pressure	The maximum pressure to which a hose assembly will be subjected to including pressure surges.
X	
XLPE	Cross-Linked Polyethylene tube material that has good chemical resistance properties.

	Page #		Page #		Page #	
Index		<i>Agricultural, continued</i>		<i>Aluminum, continued</i>		
		Bauer quick connects	294-299	Drum gate valves	685	
A	Adapter	Check valves	411	Hydrant booster	543	
	Drum thread	685	Air	Manifolds	547	
	Adapters		Blow guns	Manifolds connectors	150	
	Aviation	90	Brake fittings	Nozzles		
	Bayonet style dry disconnect	751	Check valves	Street cleaning	616	
	Bevel seat	460		Plugs	604	
	Boss	107	Couplings	Siamese	549-550	
	Brass			Storz		
	Pin Lug	564-565, 569, 572, 578, 580-581, 584, 587, 592	Dryers, desiccant	252	Adapters	595, 597-598
	Rocker lug	569, 573, 581, 584, 587, 589	Gauges, process	268	Bracket	600
Brewery hose	438	Hose, polyurethane	159	Caps	600	
British instantaneous	591	Hose reel, manual	165	Gaskets	600	
Cam and groove	12-13, 31, 38-39, 43-56, 64, 66-68, 77-78, 80-81, 92,	Hose reel, retractable	164	Rigid	594, 596	
Compression	175	Hose, self-storing	159-160	Swivels	595, 597	
Double male	567, 569-571	In-line lubricator base	130	Valves		
Dry disconnect	92	LIQUIfit™ fittings	301-304	Ball	545-547	
Dry gas	94	Receiver manifold, ASME	133	Butterfly	548	
Dry quick disconnect	88	with Watts filter	134	Gate	540-543	
Female to male	576-577, 579-580	Sharkbite® push-fit fittings	306-307	ANSI split flange adapter	737	
Fill pipe	747	Tool lubricant	149	Anti-freeze lubricant	149	
Flange	716, 737	Valves	128, 135, 151-153, 685-705	API		
Flareless bite fittings	408-409	Wilkerson combo unit w/ frame	134	Certified couplings	425	
Forestry	654	Air Chief		Couplers	60, 63, 767	
GHT	329	A Series	145	Dust cap	748	
Gravity drop	748	Ball swivel connectors		Rack cords	768	
Grooved	738	with Air chief plugs	136	Valves	63, 767	
Hydrant	66	Quick disconnect	137-140, 142-146	ARO-speed quick disconnects	144	
Hydraulic	389	Stainless steel	137-140	ASA flange		
LIQUIfit™	303	Air King		Quick-connect	294-295	
LP gas hose	113-115	Clamps	118	ASME air receiver manifold	133-134	
Nipple	738	Compressor Y	119	Automatic		
Oxy-Acetylene	351	Ferrules	118-119	Drain	225	
Pipe	228, 231, 234, 255, 257, 259, 738	Gauge port	119	Drain valve, FRL	225	
Polycarbonate		Global	117-118	Safety couplers	141	
Rocker Lug	580	Global 4-lug	117	Automotive quick disconnects	136, 142-143	
Reducing	737	Lanyards	120	Aviation, dry couplings	89-90	
Rubber hose	438, 477	Safety Clip	120	Axe	652	
Sanitary	438-440, 460, 468, 477, 482	Safety Pin	120	Axial restraint pipe couplings	708	
Side seal	745	Stainless Steel Clip	120	B		
Steam service	104	Universal couplings	116-117	Back flow preventer	324	
Tank transport	750	Universal swivels	119	Backflow preventer	662	
TTMA Flange	766	Washers	120	Ball		
Tuff-lite	356	with ferrules	119	Check valves	513	
Adjustable hose bumper stops	165	with gauge port	119	Cone check valves	702	
Aero-seal	364-365	Air line		Full flow	676-677, 757-758	
Agricultural		Shut-off valves	151, 229, 231, 234, 703-704	Nozzles	752	
		Swivels	162-163	Seat, female	338	
		Aluminum		Shut-off	649-650	
		Adapters		Swivel connector		
		Long handle	592, 595, 597	with Air Chief plugs	136	
		Rocker lug	583, 595, 597	Swivels	162, 309, 338	
		Cam and groove adapters	592	Valves	304-305, 412, 676-705, 757-758	
		Caps	603	Band clamp		
		Breakable	606			

	Page #		Page #		Page #
		<i>Brass, continued</i>		<i>Brass, continued</i>	
Band and buckle	372	671–672, 690–691, 694–695		U.S. Coast Guard Approved	615
Set screw	372	Barbed hose fittings	114, 127–128, 138–146, 288, 292, 312–313, 326–327, 334–338, 343–346, 357	Nylon/nickel-plated push-in fittings	182–185
F series	368			Plugs	602
K series	369	Boss		Push-in fittings	177–179
Smooth ID	370	Clamps	111	Push-on fittings	342–346
Tools	371–372	Ground joints	108	Reusable fittings	347–349
Barbed push-on fittings	138-139, 141-144, 343-346	Male stems	110	Sash chains with pull rings	73
Bayonet style dry disconnects	751	Caps	601	Short shank fittings	286–287
Bellows seal valves	682	Caps and plugs	607	Sidewalk assemblies	556
Bell reducers	737	Combination nipples	278	Sleeves	176
Bent stem swivels	163	Compression fittings	173–176	Swivels	581, 584, 586-587
Bevel seat fittings	457–461	Connections	551	Tees	172, 175, 179, 181–182, 184, 191–193, 195–196, 199, 307, 333, 336, 722
Blow guns		Roof	557, 558	Threaded unions	171, 330, 719
Extended nozzle	158	Connectors	170, 173, 177, 181–182, 191–197	Turbo garden hose nozzle	318
Extensions	155	Domestic	580–582	Valves	
High volume	156–157	Dual lock	127–128	Adj. press. restricting device	529
Pistol grip	158	Elbows	171–172, 174, 178, 181–184, 191–193, 195, 198, 307, 333, 335–336, 343	Adjustable angle	528
Premium	154	External drain cocks	152	Angle	529–531
Safety	157–158	Ferrules	339, 351	Chicago pattern	532
Safety air booster	154	Flare	170–172	Drip	532
Typhoon	157	Gauges	268, 272, 274	Gate	534–537
Boss		Hex nipples	567, 570-571, 576-577, 579-580, 586, 590	Pressure reducing	524–527
Adapters	107	Hex plugs	330, 726	Sprinkler hose	538
Assembly information	105	Hydrant adapters	572–573	Straight globe	533
Clamps	103, 111–112	Hydrant body	560–561	Wharf hydrant	533
Fittings wth ferrules	107	Identification plates	559	Wall plate	563
Ground joint knurled nut	106	Inserts	176, 334–335	Water regulators	203, 244
Ground joint seal couplings	106, 108	Jack chains with S-hooks	73	Wyes	
Hose menders	110	Lever external drains	152	¼ turn ball type	539
Male stems	110	Long shank fittings	288	¼ turn plug type	539
Spud x hose shank	110	LP gas hose couplings and adapters	113–114	Plain	536
Washer seal couplings	108–109	Male swivel inserts	337	Breakaway coupling	
Wing nut caps	107	Menders	292	Bevel seat	461
Boss-Lock		Monitors	616	Clamps	445
Cam and groove	12, 28–29, 31–42, 45–46, 48–52, 56–57, 66–68, 70–73	Needle valves	152	Break-away Coupling	
EZ Boss-Lock	12, 28–29, 33, 35, 37, 41, 45, 51–52, 57, 66, 68, 72	Nickel plated push-in fittings	181–182, 184, 185	Industrial	85
Boss LPS		Nipples		Marine	84
Hammer union caps and pugs	26	Double male hex	567, 569-571	Breakaways	
One-piece 150# flange to weld adapters	26	Female to male hex	576–577, 579–580	TTMA	766
One-piece flange adapters	25	Washdown	608	Breather vents	147
One-piece hammer union nuts	24	Nozzles		Broom, water	319
Two-piece hammer union nuts	24	Adjust-A-Power	614	Bulkhead fittings	330, 729
Vent-lock cam and groove couplings	27	Ball shutoff	609	Butterfly valves	505–509, 511, 699–701, 738
Brass		Fog	608–612	Valves	
Adapters	725	Garden hose	614	Butterfly	510
Pin lug	564–565, 572, 580–581, 584, 587, 592	Master Stream	616	Buttweld fittings	56–57, 468, 473, 477
Rocker lug	569, 573, 581, 584, 587, 589	Monitor	616		
Ball valves	668–669,	Plain hose	613	C	
		Rack	613	Cables	
				King safety	131–132
				Cam and groove	

	Page #		Page #		Page #
<i>Cam and Groove, continued</i>		<i>Caps, continued</i>		<i>Clamps, continued</i>	
Actuator style	93	Blank end	738	Dairy	434
Adapters	12-13, 27, 31, 38-39, 43, 46-56, 62, 64, 66, 68-69, 77-78, 80-81, 92	Boss Wing Nut	107	Double bolt	374
Boss LPS	27	Brass	601	HTM Hi Torque	366
Clips and lanyards	71-73	Breakable	606	Hydraulic	388
Couplers	12-13, 27, 29, 32-37, 40-52, 54-55, 57, 68-69, 71-72, 77-80, 82, 91, 749, 769	British Instantaneous	591	Kits	367
Crimped fittings	12-18, 20, 22, 29, 34-35, 38, 64	Dix-Lock	126	Pinch-on	361
Crimp sleeves	14-15	Dust	749	Quick release	367
Disk strainers	72	Dust, cam and groove	30, 40-41, 45, 71, 79, 82	Racks	367
Dry disconnect	60, 91-92	Dust, hydraulic	378-385	Raised end (california style)	422
Dust caps	27, 40-41, 45, 79, 82	Fill pipe	747	Sanitary	432-434, 463, 467
Dust plugs	27, 42, 79, 81	Hammer union	26	Sanitary accessories	434
with pull handle	42	Hydrant, iron	607	Service kit	362
Elbows	49-51, 81-82	Instrumentation	169	Single bolt	374
Flanged couplers and adapters	52-54, 58, 62	Lockable	45	Smooth id	370
Gaskets	54, 65, 74-76, 83	Lok-on	346	Spiral	375
Global	13, 29, 77-80	LP gas	115	Spring hose	375
Handle pins	83	Nylon	359, 748	Stepless ear	362
Handles	65, 71-72, 79, 83	Pipe	724, 726, 728	Strap-grip	70, 373
Hydrant adapters	66	Plastic	605	T-bolt	376-377, 433
Jump size	44-45, 47-48, 80, 92	Sanitary	437, 453-455, 459, 465, 468, 482, 490, 523	Thumb screw	364
Key rings	83	Tank transport	750	Toggle	433
Locking caps	45	Thermoplastic	605	Tools	362, 369, 371-372
Notched fittings	67-69	Universal hose	605	Wave seal	365
Phonograph finish	66	Vacuum relief	759	Worm gear	363, 367
Polypropylene	81-83	Vapor	748	Marine grade	364
replacement parts	83	Vent	759	Worm gear racks	367
Port on lug	44	Carded FRL's	237	Claw type fittings	116-119
Pull ring	28, 72	Chains		Cleaning	
RailCar unloading assemblies	60	Jack	607	Lava, heavy duty hand soap	775
Reducing cplrs. & adps.	44-45, 47-48	Check valves	532	Close nipples	253, 332, 730
Safety clips	83	Ball cone	702	Coil-Chief	160
Specialty items	53	In-Line	187-188	Combination nipples	19-21, 278-280, 282-284
Spool adapters	46, 80	LIQUIfit™	305	Global	280
Spool couplers	46, 80	Safety	135	Sleeves	281
Strap-grip	70, 373	Series C	153, 411	Combination units	
Swaged	67	Spring loaded	293, 703	Series 1	251-252
Tank car fittings	58-59, 64-65	Swing	704	Watts	265
TTMA slip on x socket flange	53, 62	Uni-Directional	188	Wilkerson	205, 220-223
Vapor recovery couplers	55, 769	Check Valves		Composite mini ball valves	186
Velcro straps	73	air relief check valves		Compound gauges	274
Vent-Lock	27	dimensions	515	Compression bibb faucet	684
Welding fittings	56-57	Chicago type fittings	116-120, 131, 133	Compression fittings	173-176
butt weld to tube	56	Clamps	361-370, 374-377, 387-388, 413, 422	Compressor Y valve	119
Witches Hat Strainers	72	3 segment	433	Conical mufflers/filters	147
<i>Cam and Groove</i>		3-segment	112	Connections	
Adapters	592-593	Accessories	371	Brass	551
Couplers	593	Aero-Seal®	364-365	Concealed type	555
<i>Caps</i>		Air King	118	International shore	665, 715
Aluminum	603-604, 606, 750	Band	368-369	Roof	557-558
API, dust	748	Bolted	374, 376-377	Siamese	552-554
		Boss	103, 111-112	Single Inlet	551
		Center punch	368, 370	Connectors, push-in	177-185, 191-196, 306-307
		Constant torque	366	Constant flow nozzle	323, 612
		Construction kit	362	Constant torque clamps	366
				Continuous spring guard	780

	Page #		Page #	Page #	
Contractor pressure gauges	270	D		<i>Dust Plugs, continued</i>	
Copper tubing cutters	353	Desiccant dryer, FRL	211, 252	E	
Couplers	769	Diameter tape	775	Elbows	
API	63, 767	Differential pressure indicator	229	Air brake	198
Bayonet style dry disconnect	751	Diffuser	536	Angle	663
Legris	141	Digital gauges	275	Bevel seat	460
Parker E-z-mate	141	DIN 11851	453	cam and groove	49-51, 81-82
Quick connect	139-140, 143-146	Din fittings	453	Coaxial	744
Coupling		Disk strainers	72	Compression	174
Air king quick-acting	118	Display, FRL	236	Continuous swivel	663
Air king universal	116	Dix-Lock		Drafting	664
Bayonet style dry disconnect	751	Cap	126	Drop	740-741, 743-745, 748
Cam and groove	12-13, 27, 32-37, 40-41, 43-52, 54-55, 57, 68-69, 77-80, 82, 91-93, 740-741, 749, 769	Converter	126	Flare	171-172
Dix-Lock quick acting	124-126	Gaskets	125	Flareless bite fittings	408-410
Dry quick disconnects	84-94	Quick acting couplings	124-126	Grooved	736
Dual lock quick-acting	127-128	D.O.T.		Hydraulic	391-392
Equipment	414, 426	Airbrake tubing	201	Instrumentation	167-168
Global air king quick-acting	117	Push-in fittings	193-196	JIC	345
Global air king universal	117	Double		LIQUIfit™	301-304
Ground joint	105, 112	Bolt clamps	374	Metal hose fittings	710
Hydraulic	378-388	Drip leg auto drain	253	Nickel plated	181
Inserter	773	Drum faucets	684	Nylon	357-358
Long shank	288-289	Drum plug wrench	684	Polypropylene	81-82
LP gas hose	113-115	Dry		Push-in	178, 180-184, 191-193, 195
Lubricant	772	Aviation	89-90	Quick connect	294, 297
Safety break-away	84-85	Desiccant air	252	SAE, 45° swivel	345
Sand Blast	121	Gas	94	Sanitary	441, 460, 473-475, 481, 519-520
Short shank	286-287, 290, 326, 355	Gauges	268-271	Sharkbite®	307
Spray hose	289	Quick disconnects	60, 87-88, 751	Storz	597
Steam service	104	Dryers		Street	333, 721
Straight through	312	Desiccant air	211	Suction	663
Surelock quick acting	122	Dry hydrant		Threaded, 45°	335, 722
Couplings		Low level strainer	655	Threaded, 90°	333, 335-336, 398, 720-721, 728
Booster hose	641	Strainers	655-659	Threaded side outlet	723
High density polyethylene	733	Dual Lock		Tuff-lite	357-358
Lightweight flexible	732	Flanged knurled locking	128	Electrically actuated	686, 688, 690, 692, 694
PVC suction	637	Gaskets	127	Elevated temperature washdown nozzle	309
Quick release	734	Locking key	127	Equipment	
Rigid	734	Quick-acting couplings	127-128	Clamp tools	362, 372
Standard	732	with ferrule	128	Coupling inserters	773
Straub	708-709	Dual Y Valves	128	Crimpers	340-341
Crimp		Dust caps	749	Cutters	353
Collars	785	Aviation	90	for Push-On fittings	346
Crimped fittings		Cam and groove	30, 40-41, 45, 79, 82, 92	Rams	414
Cam and groove	12-18, 20, 22, 29, 34, 38, 64	Dry gas	94	Test pumps	774
King combination	278-283	Dry quick disconnect	88	Exhaust muffler	
Sanitary	430-431	Threaded	359, 751	Wilkerson	224
DIN External Crimp Stem	430	Dust plugs	749, 751	Expansion	
True ID	784-785	Aviation	89	Machines	638, 820
Crimping tools	340-341	Cam and groove	30, 42, 79, 81, 91	Rings	639
Crows foot type fittings	116-119	Dry gas	94	Expansion ring couplings	654
		Dry quick disconnect	87		
		Dust Plugs	115		

	Page #		Page #		Page #
<i>Expansion, continued</i>		<i>Filters, continued</i>		<i>Fire Hose, continued</i>	
Expansion rings	640, 654	Wilkerson	202, 206–210	Pin Lug	602
Expansion unit assembly	640	Filters, Regulators, Lubricators	202–267	Rocker Lug	602
External crimp ferrules	16–17	Filters / Strainers		Push pull drain valve	538, 663
External drain cocks	152	Dual Units	499	Rack	613, 631–632, 640, 642, 646, 648
Externally swaged fittings	282, 416–421	In-Line		Reels	643–648
EZ Boss-Lock	12, 28–29, 33, 35, 37, 41, 45, 51–52, 57, 66, 68, 72	replacement parts	495	Replacement ball bearings	666
F		Side-Entry		Replacement retainer plugs	667
Faucet		replacement parts	497	Replacement swivel	566
Adjustable	684	Wire Cloth Mesh Over Screens	498	Roller	662, 666
Bibb	684	Finger type clamps	103, 111–112	Round identification plates	559
Drum	684	Fire hose		Siamese clappers	552–556
Ferrule crimping tools	340–341	Adapters	568–569, 571–575, 578, 580, 582–592, 598	Single jacket 500#	627
Ferrules		Pin Lug	564–565, 569, 572, 578, 580–581, 584, 587, 592	Snoots	564–565
Air king	119	Rocker Lug	568–569, 573–574, 580–585, 587–589, 595, 597	Spanner wrenches	618–621
Bevel seat	458–459	Axe	652	Storz	541–545, 547–550, 594–600, 618, 621, 636–637
Brass	339, 351	British instantaneous fittings	591	Storz fittings	618, 621, 656–657
Clamp	435–436	Cabinet	660	Strainers	654–659
Crimped, sanitary	431	Cam and Groove	592–593	Suction	589, 592, 600, 620, 636–637, 663
Externally swaged	282, 418–419	Caps	601, 603–607	Swivels	539–544, 546, 548–550, 566, 581–588, 590, 592, 595, 597, 637, 639, 644, 655, 657, 663–664, 666
Global air king	118	Pin Lug	601	Tank	659
I-line	464	Rocker Lug	601	Valves	524–548, 652, 654, 659
Instrumentation	169	Connections	551–554, 557–559, 562, 665	Wall plates	563
Internally expanded	423	Couplings	640	Washers	639
King Crimp	16–17, 64	Elbows	663–664	Wrenches	618–621, 652
Heavy Duty	18	Storz	597	Fire Hose	
Short Frac	18	Expansion	638–640	Spanner wrenches	291
Notched	67, 69, 282, 419	Flange	596	Fire jacket for hose	779
Oxy-Acetylene	351	Forestry mop up	653	Fire tape	779
Petroleum	425	Gaskets	610–611, 665	Fire aid kit	778
Pipe size	467–468	Gauges	661	Flame retardant hose and cable protection	779
Quick weld	445, 480	Hand hydrotest pump	662	Flange	
Stainless steel	67, 69, 282, 284, 428	Hose	622–636, 653	Floating	21
Fill pipe		Hose couplings	640–641	Gaskets	54
Adapter caps	747	Hydrant		Hydraulic	389
Adapters	747	Caps	605–607	Split Flange Kit	390
Filter/Regulators		House	660	Slip-on	53, 62
Accessories	234–235, 254–257, 260, 266–267	Wrenches	618–620	Tube OD wall	488
Carded	237	Hydrant connections	66, 592	Tube OD weld	486
FRL	203–204, 216–217, 245, 262	Hydrants		Flanged	
Mini's	203–204	Adapters	572–573, 575, 580	Adapters	25, 52–54, 715–716, 737
Series 1	245	Boosters	543	Assemblies	420
Watts	262–263	Concealed two way wall	560	Combination nipple	20–21
Wilkerson	216–217	Connections	551	Combination nipples	284
Filters		Gate valves	536–537	Couplers and adapters	52–54
Accessories	226–229, 254–256, 266	Wharf	533	Dry aviation	90
Airline	206–207, 239–240	Jacket	779	Dry break	92
Carded	237	Manifolds	547	Dry gas	94
Inlet	318	Monitors	616	Dry quick disconnect	87–88
In-Line, air/oil	130, 148	Nipples	567, 570–571, 576–577, 579–580, 586, 590, 642	King crimp	713
Lubricator	130	Nozzles	608–617, 649–651	Quick-connect, fittings	294–295
Mini In-Line	148	Pin rack	642	Storz	596
Oil removal	241	Plugs	602, 604, 607		
Series 1	239–241				
Watts	261–262				

	Page #		Page #		Page #
<i>Flanged, continued</i>		<i>Garden Hose, continued</i>		<i>Hammer Unions, continued</i>	
Tee	53	Premium rubber	321	Pipe	469
TTMA extensions	770	Quick connectors	325	Tube	487-488
Weld adapters	26	Quick couplings	316	Hastelloy fittings	43, 278
Flanges	714-715	Rubber vinyl	320	Hex bushings	331
Flare Fittings	170-172	Spray valves	326	Hex manifolds	150
Flareless bite fittings	408-410	Top level PVC	320	Hex Nipples	253
Flat face fittings	391-392	Gas		Hex plugs, brass	330, 726
Flexogen®, garden hose	320	Dry couplings	94	Holedall	
Flexzilla™, garden hose	320	Regulators	243	Couplings	420-421, 424-425
Flomax connectors		Gaskets	54, 65, 74-76, 83, 114, 125, 127, 289, 291, 295, 298, 300 323, 422, 426, 446-450, 456, 462, 466, 470, 600, 610-611, 665, 715, 737	DIN External Crimp Stem	430
¾" series	102	Gate valve		Expander machine	426
Diesel fueling system	96-97	Self-closing	685	Ferrules	418-419, 423-425, 428, 431
Fuel Vent	96, 97	Gauges	161, 229, 268-275, 500,	Flanged assemblies	420
Gravity fill receiver	97	Sprinkler system	661	Food grade fittings	428-430
High flow 1" series	102	Gravity drop adapters	748	Nipples	417
R Series	95, 100-101	Grease whip assemblies	350	Notched ferrules	419
Service Box	97	Grip-L couplings	708	Notched stems	419
Standard	95, 98-99	Grooved couplings	735-738	Petroleum	425-427
Flow chief food grade fittings	428-430	Grooved fittings		Rams	414
Flow control valves		End caps	738	Swaging machines	414
Hydraulic	411	Gaskets	739	Horizontal swing check valves	704
Legris	186-187	Lightweight	732	Hose	
Flush face hydraulic fittings	384	Mechanical tees	735	300# single jacket	626
Fog nozzles	612	Nuts and bolts	739	400# nitrile covered	633
Food grade fittings	432-523	Quick release	734	500# Single Jacket	627-628
Foot valves	300	Rigid	734	800# double jacket	629
Frac	18, 22-23, 25	Series 45	736	Air, self-storing	159-160
FRL's		Series 90	736	Braided rubber	318
Accessories	226-235, 254-260, 266-267	Series AN	738	Bumper stops	165
Carded	237	Series BE	738	Cabinet	660
Combination units	205, 220-223	Series EC	738	Chemical	635
Displays	236	Series FA	737	Contractors	321
Series 1	237-260	Series RA	737	Crimper	341
Watts	261-267	Series SF	737	Cutters	353
Wilkerson	202-236	Series T	735-736	Diameter tape	775
Fuel nozzles	96, 755-756	Standard	732	Expanders	638
Fuel receivers	96	Valves	676-677, 757-758	Fire	622-634
G		Grooved nipples	279, 738	Fire jacket for hose	779
Garden hose		Grooved stem style ext. crimp ferrule	16-17	Fittings, barbed	114, 127-128, 138-146, 312-313, 336-338, 342-345, 346, 357-358
Accessories	308-326	Grooved valves	738	Flexogen®	320
Adapters	329-331	Groove lube	739	Flexzilla™	320
Back flow preventer	324	Ground joint		Garden	320-321
Compression bibb faucets	324	Fittings	103, 106, 108, 112	Hand crank reel	318
Country Club® RT	321	H		Hot water reinforced	321
Fittings	324-328, 342	Hammer unions	706-707	Hot water washdown	308
GHT zinc hose	325	Caps	26	Hydrostatic test pumps	774
GHT coupler and adapter	325	One-piece nut	24	Hydrotest pump	773
Hose	320-321	Plugs	26	Knife	775
Hot water rubber reinforced	321	Two-piece nut	24	Mallet	775
Lok-on hose fittings		Hand cleaner, Lava	775	Menders	110, 292-293, 337, 346, 358, 360
Caps	346	Handles, cam and groove	71-72, 79, 83	Mill	622-623, 625
Marine, camper, patio & pool	321	Hangers		Mop Up	653
Nozzles	309-311, 316-318, 322-324			MSHA approved	630
Perfect water	320				

	Page #		Page #		Page #
<i>Hose, continued</i>		<i>Hydraulic, continued</i>		<i>King, continued</i>	
Nitrile	624, 633–634	Control	411	Flanged	20–21, 284
Nominal smooth bore	781	High pressure ball	412, 678	Floating flange	21
Non-collapsible	635	Needle	412	Frac	18, 22–23, 25
Non weeping	653	VEP series	385	Grooved end	279
Potable water	630	VH series	386	Hose menders	293
PTFE	781	Water-blast	387	PF shank	283
PVC suction	636–637	WS series	383	Quick-acting	117–118
Rack	631–632, 642, 646, 648			Shank couplings	286–287, 289
Racks	165, 648, 773	I		Sleeves	14–15
Reels	164–165, 643–647	I-line fittings	463–466	Short	19
Roller	662	Industrial		L	
Room equipment	775	Hydraulic couplings	378	Lance, spray and extensions	315–316
Spiral protection	779	Internally expanded fittings	421	Lanyards	72, 120
Spray couplings	289	Quick connects	136–141	Leak Detector	772
Stations, water and steam	308	Safety break-away	85, 115	Legris fittings	180–188
Storage	660	Injector nozzles	316	Legris tubing	190
Swivels	119, 162–163, 782	Inlet filter	318	Lever drain cocks	152
True ID	784	In-Line		Lever ring, quick connector	298
Hose assembly tool	346	Check valves	188	Lincoln interchange quick disconnects	136, 146
Hose couplings		Desiccant dryers	211	Line strainer	316
Booster	641	Filter, air	130, 148, 162	Line strainers	704–705
Expansion rings	639	Filter, mini	148	LIQUIfit™ fittings	301–304
Swivel	644, 666	Flow control	186–187	Lockable caps	45
Washers	639	Lubricators	130, 148	Locking ball valves	669–670, 673–674
Hot & cold water washdown stations	308	Lubricators Base	130	Locking kit, dry disconnect	91
Hot water washdown hose	308	Swivels	162	Lockout valves	225
Hot water washdown nozzle	309	In-Line Sight Glass	52	Lok-on fittings	342–346
Hydrant		Inserts		Caps	346
Adapters	323, 572–573, 575, 578, 580	Tuff-lite	354	Long shank couplings	288–289
Boosters	543	Instrumentation fittings	166–169	LP	
Caps	605, 607	Interlocking clamps	103, 111–112, 118	Gas hose coupling & adapters	113, 114, 115
Concealed two way wall	560	International Shore Connection	715	Metal Acme Caps	115
Connections	551	J		Plastic Acme Caps	115
Diffuser	536	Jack Chains	607	Plastic Dust Plugs	115
Gate valves	536–537	JIC fittings	337, 345, 390, 396–401, 710, 782, 784	Safety break-away coupling	115
House	660	Joint sealant gasket material	772	Wrench	114
Wharf	533	K		Lubricants	
Wrenches	618–620	Keychains	147	Air tool	149
Hydraulic		King		Anti-freeze	149
4-bolt flanges	389	Beveled end	279	Lubricators	
3000 series	379	BSPT end	279	accessories	232–234
5600 series	380	Cables	131	Accessories	258–259, 267
7800 series	382	Cam and Groove	12–13	Carded	237
Adapters	389	Adapters	12–13	EconOmist® compact	217–218
Agricultural	381	Couplers	12–13	EconOmist® standard	218–220
Clamps	387–388	Combination nipples	19–21, 278–279, 282–284	In-line	130, 148
Dust plugs and caps	378–386	Global	280	Mini	204
Flat face fittings	391–392	Sleeves	281	Series 1	246–250
Flush face	384	Crimp style	278–279, 282–287, 289, 293, 431, 713	Micro-Fog	246–248
Industrial	378	Ferrules	16–17, 64	Oil-Fog	249–250
Quick-connect	312–313, 378, 380–381, 384, 386	Heavy Duty	18	Pyrex® sight feed dome	248
Return line	387			Watts	264
Split flange adapters	389			Wilkerson	204–205, 217–222, 232–234, 236
Split Flange Kit	390				
Valves					
Check	411				

	Page #		Page #		Page #
<i>Lubricators, continued</i>		<i>Nipples, continued</i>		<i>Nozzles, continued</i>	
M		Hex	253, 285, 330–331, 725, 730	NYFD	529, 531, 534, 536, 552–553, 557, 565–566, 570, 578–579, 581, 586–587
Magnetic thermometers	277	Hex welding	711	Nylon fittings	283, 292, 354–360
Make-a-clamp kit	367	King	278, 280, 282–285	Nylon protective sleeve	780
Mallet, hose	775	Notched turned back	284, 713	Nylon tubing	189–191
Manifolds		Octagon	711	O	
3 in 1	150	Pipe	332, 711, 729	Octagonal nipples	711
Air receiver	133–134	Polypropylene	283, 727	Oil removal filter	241
Aluminum	547	Northline	540–550, 568, 594–598, 600	Oil spill kits	775
Aluminum bar	150	Notched		Oil vapor removal filter	241
GHT, 4-valve	324	Cam and groove fittings	67–69	Open flex 1L couplings	709
Hex, flat	150	Ferrules, Holedall	67, 69, 282, 284, 419, 712	OSHA valves	135
Modular	185	Stems, Holedall	282, 419	Oxy-Acetylene	
Regulator	243	Turned back nipples	284, 712	Adapters	351
Marine break-away coupling	84	Nozzles		Connecting spuds	351
Marine grade worm gear clamps	364	Adjust-a-power	322	Ferrules	351
Mechanical tees	735	Adjust-A-Power	614	Hose couplings	351
Menders	110, 292–293, 337, 346, 358, 360	Ball	752	P	
Merchant couplings	731	Ball shutoff	609, 617, 650	Panel builder gauges	270
Metal hose fittings	710–711	Constant flow	323, 612, 617	Parker Ez-Mate	141
Metric		Elevated temperature	309	Petroleum fittings, API	425
Push-in fittings	191–192	Fire hose	323, 651	Petroleum fittings, Holedall	424–427
Tubing	191	Flexible water	324	Phonograph finish fittings	283
Mini		Fog	608–612	Pinch-on clamps	
Ball valves	186	Forestry	612–613	Double ear	361
Carded	237	Fuel	752–756	Single ear	361
Combination units	205, 238, 251	Garden hose	309, 316–318, 322–323, 614	Pin lug	
Filter/regulators	203–204, 238	High pressure spray	317	Adapter	323
Filters	148, 202, 238	Holders	121, 318	Couplings	58–60, 286–287, 289, 750
Lubricators	148, 204, 238	Industrial grade	311	Pipe	
Regulators	148, 202–203, 238, 244	Injector	316	Adapters	738
Monitor		Master Stream	616	Caps	750
Brass nozzle	616	Monitor	616	Couplings	732–735
Omega™	616	Multi-pack	317	Grip-L	708–709
Steel FirePro™	616	Overwing aircraft	753	Open-Flex 1L	709
Muffler		Plain hose	613	Cross	724
Conical	147	Pressure	314, 317, 753–754, 759	Hangers	469
Exhaust	224	Quick connect	317	Nipples	332, 730–731
Speed control	147, 698	Rack	613	Sealants	771
Mulconroy	414	Soap	317	Play pipes	614
N		Solid brass	322–323	Pliers, spring hose clamp	375
Needle valves		Spray hose	309–311, 317	Plugs	751
Air	152	Stainless steel	310–311	Adjust-A-Plug	606
Hydraulic	412	Street cleaning	616	Aluminum	604
Nipple		Sweeper	323	Ball swivel	136
Pin rack	642	Temperature indicating	310	Brass	602, 607
Nipples		Thermoplastic	610	British Instantaneous	591
3500	129	Tips	609	Compression	175
Brass female to male	576–577, 579–580	Turbo	318	Dust, cam and groove	30, 42, 79, 81
Brass male hex	567, 570–571	Twist	322	with pull handle	42
Close	253, 332, 359	U.S. Coast Guard Approved	615	Fill	232
Combination	278–280, 282–284	Utility	753	Fixed	316
Grooved	279	Washdown	309, 608		
		NPT threaded fittings	711, 718–731		

	Page #		Page #		Page #
<i>Plugs, continued</i>					
Hammer union	26	Push pull drain valve	538	Gas	243
Hex head	330, 359, 726, 728	PVC tubing	352	General	243
Hydraulic flat face	392			High flow	213, 215
Instrumentation	169	Q		High pressure	214–215
LIQUIfit™	303	Quick-acting couplings	117–118, 122, 124–128	Manifold	243
LP gas	115	Quick connect		Mini general purpose	148, 243
Poppet valve	104	Air fittings	117–118, 122, 124–128, 137–140, 142–146	Mini water	203, 244
Push-in fittings	184, 192	Cam and groove	28–63, 77–82	Replacement springs	229, 256
Quick connect	137–138, 142, 144, 145, 146	Quick-connect		Series 1	242–244
Quick-connect	295, 297, 313	Agri-Lock style	294–295, 299	Water	244
Red FDC	606	Bauer style	294–299	Watts	263
Square head	359, 724	Hydraulic fittings	312–313, 378, 380–381, 384, 386	Wilkerson	202–204, 211–217, 229, 230, 231
with pull handle	749	Straight through	312–313	Replacement handles	
Pneumatically actuated valves	687, 689, 691, 693, 695, 699–700	Quick couplings and plugs	316	Cam and groove	71, 79, 83
Pneumatic test pump	774	Quick release couplings	734	Right hand couplings	351
Polished Fittings		Quick weld ferrules	445, 480	Rostra type fittings	424–426
Elbows				S	
sweep	475	R		SAE fittings	337-338, 344-345, 384,387,389-391,393-401,406-407,412
Polycarbonate		Racks		Safety	
Hydrant adapters	580	Fire hose	642	Blow gun	154, 158
Polyethylene Tubing	189	Hose	165, 773	Break-away couplings	84–85
Polypropylene		Mixing station	308	Cables	131–132
Ball valves	705	Worm gear clamp	367	Check Valves	135
Bolted fittings	729	Racks, hose		Clips and lanyards	72–73, 79, 120
cam and groove fittings	81–82	Saddle	648	Industrial, break-away	85
replacement parts	83	Radiator bibb	324	Information	9, 790–793
Pipe fittings	727–728	RailCar unloading assemblies	59–60	Locking pin	123
Sleeves	487	Railroad tank car	63	Marine, break-away	84
Polyurethane		Fittings	58–59, 63–64	Shut-off valves	135, 151
air hose	159	Gaskets	65	Tape and tag	778
Tubing	189–190	Reducer		Vented ball valves	670
whip hose	159	Adapters	44–48	Whipsock	132
Pop-off valves, safety	151	Bell	737	Sand blast couplings	121
Poppet valve	104	Combination nipples	282	Sanitary	
Positioners	698	Couplers	44–48	Adapters	438–440, 460, 468, 477, 482
Pressure guns	314	Quick connect	297	Bevel seat fittings	441, 457–462, 473
Lances	315	Sanitary	443, 460, 477–478, 484, 522	Biopharm fittings	518–523
Telescoping	316	Tuff-Lite	355	Bolted clamps	433, 463
Pressure recommendations	794–796	Reels		Breakaway coupling	445, 461
Process gauges	268	Hand crank	318	Buttweld fittings	473–485
PTFE		Hose	164–165	Caps	437, 454–455, 459, 465, 468, 482, 490, 523
Gaskets	750, 766	Reelcraft® static discharge	768	Clamp accessories	434
Hose	781	Reels, hose		Clamp fittings	432–452, 467–468, 473–474, 505–509, 519–522
Fittings	783	Continuous flow	643–645	Clamps	432–434, 463, 467
Insertion tool and dies	783	Swing type	647	Crosses	443
Sealant	771	V swing	646	Elbows	441, 460, 473–475, 481, 519–520
Tape	771	Regulators		European fittings	453–456
Pump adapters	567, 729	Accessories	229–231, 234–235, 256–257, 260, 267	Ferrules	435–436, 445, 458–459, 464,
Punch style clamps	368–370	Carded	237		
Push-fit fittings	306–307	Dial air	211		
Push-in fitting kit	185				
Push-in fittings	177–185, 191–196				
Push-On	342				
Push-on fittings	292, 342–346, 360				
Push-on fittings tool	346				

	Page #		Page #		Page #
<i>Sanitary, continued</i>				<i>Stainless Steel, continued</i>	
	467–468, 480, 523	Sharkbite® push-fit fittings	306–307	Ferrules	67, 69, 169, 282, 284, 419, 428, 712
Filter	493–499	Shore connections	665	Gate valves	680
Flanges	486, 488	Shore Connections	715	Gauges	268, 270–273, 275–276
Gaskets	446–450, 456, 462, 466, 470	Short shanks	286–287, 290, 326, 355	GHT adapters	329
Gauges	500	Shut-off		Hose swivels	754
I-line fittings	463–465, 490	Nozzles	649	Inserts	199, 290
Laterals	444, 479, 485	Safety valves	151	Lockable ball valves	673–674
Nuts	434, 454–455, 457, 488	Valves	229, 231, 234, 703	Menders	292–293
Pipe hangers	469	Siamese	549–550, 552–556, 559, 561, 563	Notched shank cam and groove	68–69
Positive Displacement Pumps	517	Side-entry filter/strainer	496	Pipe hangers	469
Quick weld ferrules	445, 480	Sight flow indicators	61, 89, 717,	Push-in	180
Reducer	443, 460, 477–478, 484, 522	Sight glasses	490	Quick couplings	137–140
Sight glasses	490	Single bolt clamps	374	Short shank couplings	290
Spray balls	491–492	Skimmers	300	Spray balls	491–492
Strainers	493–495, 497–499	Sleeves	14–15, 19, 176, 199–200, 281, 469, 487	Spray nozzle	310–311
Swivels	501–502	Sleeving	780	Strainers	300
Tees	442, 476, 483, 520–521	Snoots	564–565	Strap-grip	70, 373
True y	444, 479, 485	Soap, high pressure nozzle	317	Swaged fittings	67
Tube hangers	487–488	Solenoids	698	Thermowells, threaded	277
Tube OD fittings	473–482	Spanner wrenches	291, 454–455	Threaded fittings	718–724
U bends	444, 479, 485	Special City Threads	579	Thread tape	771
Valves		Speed control mufflers	147, 698	Tube hangers	487–488
Ball	503–504	Spill kits	775	Steam	
Butterfly	505–511	Spiral		Gauge siphon	277
Check	512–514	Hose and cable protection	779	Hose couplings	103–104
Tank vent	515–516	Hose clamps	375	Quick disconnects	104
Weld fittings	435–436, 440, 445, 458–459, 464, 467–468, 473–486, 508–509, 511, 519–523	Splicers		Valve, 250 Lb.	670
Reusable		Reusable	349	Storz	
Tees		Tees	336	Accessories	600, 665
Spool adapters & couplers		Spool adapters & couplers		Adapters	594–595, 598
Cam and groove		Cam and groove	46, 80	Bracket	600
Spray balls		Spray balls	491–492	Caps	600
Spray hose		Spray hose		Gaskets	600
Couplings		Couplings	289	Rigid	594, 596
Nozzles		Nozzles	317–318	Swivels	595, 597
Spray Nozzles		Spray Nozzles	309, 317	Storz fittings	618, 621, 656–657
Spring guard		Spring guard	780	Straight through fittings	312–313
Spring return handle ball valves		Spring return handle ball valves	669, 675	Strainers	300–301
Sprinkler system gauge		Sprinkler system gauge	661	Barrel	656
Squeeze Lok™ hose assembly tool		Squeeze Lok™ hose assembly tool	346	Basket	656
Stainless steel		Stainless steel		Disk	72
Ball cone check valves		Ball cone check valves	702	Floating	657
Ball valves		Ball valves	673–675, 688–689, 692–693	Foot valve	654, 659
Bolted fittings		Bolted fittings	729	Line	316
Boss		Boss		Low level	655, 659
Clamps		Clamps	103, 111–112	Polyethylene	301
Ground joint		Ground joint	103, 106, 108, 112	Polypropylene	658
Male stem		Male stem	103, 110	Square hole	296
Clip		Clip	120	Stream	659
Combination nipples		Combination nipples		T line	705
Dry quick disconnect		Dry quick disconnect	87–88, 91–92	Witches Hat	72, 300
				with spring loaded check valves	293
				Y line	704
				Strap-grip	70, 373

	Page #		Page #		Page #
<i>Strainers, continued</i>				<i>Tire, continued</i>	
Straub pipe couplings	708-709	Bull head	723	Brass ferrule crimper	340-341
Stretch strap	778	Compression	175	Hi-duty tube cutter	353
Suction hose couplings	286-287	Female reducing	723	Hose cutters	353
Super King shank couplings	289	Female threaded	722	Mallet	775
Surelock quick acting couplings	122	Flare	172	Pliers, spring hose clamp	375
Accessories	123	Flareless bite fittings	410	Push-on	346
Swaged fittings	107, 416-421	Grooved	736	Squeeze Lok™	346
Switches, limit	698	Hydraulic		Torque wrenches	776-777
Swivels	501-502	37° flare	399	True ID	
37° female	397	Flat face	392	Fittings	784-785
Air king	119	Flat face fittings	392	Hose	784
Air tool	163	NPTF fittings	405	TrueSeal™	304-305
Angled	163	ORB fittings	393, 395	Tube fittings	178-186
Angled industrial plugs	136	SAE / JIC fittings	399	Tube hangers	487-488
Ball, with Air Chief plugs	136	SAE O-ring	395	Tubing	
Ball, with hose barb	162	Instrumentation	168	Braided	352
Bent stem	163	LIQUIfit™	302-304	Clear	352
Connectors for spray gun	309	Mechanical	735	Cutters	353
Diesel fuel	97	Push-in	179-180, 182,	D.O.T., air brake	201
Dubl-grip reattachables	427		184, 191-193, 195-196	Fluoropolymer FEP 140	190
Hose	754	Sanitary	442, 476, 483, 520, 521	Metric	191
In-Line	162	Sched. 80 Polypropylene	728	Nylon 12	189-190
Joints	760-765	Sharkbite®	307	Polyethylene	189
Loading arm	770	Side outlet	723	Polyurethane	189-190
Syracuse valves	685	Street service	723	PVC clear	352
		Tuff-lite	358	Valves	186-188
T		Telescoping lance	316	Tuff-Lite fittings	283, 292, 354-360
Tag, hose	778	Temperature indicating nozzle	310	Turned back nipples	284, 713
Tank car		Test plugs and caps	774		
Fittings, railroad	58-59, 61, 63-65	Test pumps	774	U	
Gaskets	65	Thermometers		Unions	
Wrenches	65	Bi-metal	276-277	Air brake	197-198
Tank truck		Magnetic	277	Compression	173-175
Adapter x round flange	54	Thermowells, stainless threaded	277	Flare	171-172
API	63, 767	Thor style fittings	127-128	Flareless bite fittings	409-410
Coupler	63, 767	Thread		Hammer	24, 706-707
Valve	63, 767	Tape, PTFE	771	Instrumentation	167-168
Coupler x round flange	54	Tape, stainless steel	771	LIQUIfit™	302
Drop elbows	740-745	Threaded		Push-in	177-178, 180,
Elbows	740-745	Caps	359, 724		182-183, 192-195
Flanged tee	53	Elbows	333, 335-336,	Threaded	330, 719
Gaskets	54		343, 345, 357, 720	TrueSeal™	305
Nozzles	752-756	Sched. 80 polypropylene	727-728	Uni-Range Couplings	420
Swivels	760-761,	Tees	722-723	Universal couplings	116-117
	763, 770, 782, 784	Test caps	774	Unloader, valves	319
TTMA flange extensions	770	Unions	330, 719	Unpolished Fittings	
Tank truck equipment		Thumb screw clamps	364	Flange	
TTMA flange extensions	54	Tight fill couplers and adapters	741	neck	486
Tank vent valves	515-516	Tire			
Tape	771, 775, 778-779	Inflator chuck	161	V	
Fire	779	Inflator gauges	161	Vacuum gauges	274
PTFE tape	771	Pressure gauges	161	Valves	738
Safety	778	T line strainers	705	3-way diverting	683
T-Bolt clamps	376-377	Tools		250 lb. steam	670
Tees		Band clamp		Actuated	686-695, 698-700
Air brake	199	Jack type	371-372	Actuated valve accessories	698
		Screw type	372		

	Page #		Page #		Page #
Adjustable faucet	684	<i>Valves, continued</i>		Washers	
Air blow check	514	Globe	681	Air king	120
Aluminum		Grooved End Iron Butterfly	738	Cam and groove	66, 74-76
2-way ball	545-546	High pressure hydraulic ball	412, 678	Fire hose coupling	639
3-way ball	547	Horizontal swing check	704	Garden hose	323
Butterfly	548	In-line check	188	Ground joint	108-109
Gate valves	540-543	In-line flow control	186-187	Holedall petroleum	426
Jumbo ball	547	Lead free brass ball	672	Suction and shank fittings	289, 291, 295, 298
Large diameter	541-543	Locking handle	669-670	Washer type couplings	105, 108-109
Relief		Lockout	225	Water broom	319
Piston intake	544	Needle		Water nozzle, flexible	324
API	63, 767	Air	152	Water regulators	203, 244
Ball	668-679, 681, 683, 686-695, 757-758	Hydraulic	412	Water-steam washdown station	308
Ball cone check	702	One-way	676, 757	Watts FRL's	134, 261-267
Ball, global	672	Pneumatically actuated	687, 689, 691, 693, 695, 699-700	Wave seal clamps	365
Ball, mini	681	Polypropylene	678-680, 705	WD-40	772
Ball, with nozzle	680-681	Poppet	104	Welding	
Ball, with NPT tap for drain	670	Push pull drain	663	Cam and groove	56-57
Bellows seal	682	Quick exhaust	186	Gauges	274
Brass		Release	319	Liner	454-455
500# angle	531	Safety check	135	Male	454-455
Adj. press. restricting device	529	Safety pop-off	151	Nipples	711
Angle	528-531	Safety release	319	One-piece 150# flange to adapters	26
Chicago pattern	532	Safety vented	670	Sanitary	435-436, 440, 445, 453-455, 458-459, 464, 467-468, 473-486, 508-509, 511, 519-523
Domestic	528	Sanitary	503-513, 515	Threaded fittings	711
Drip valves	532	Solder end	672	Wharf hydrants	533
Gate	534-537	Spray	326	Whip Hose	
Grooved inlet	530	Spring check	512	Polyurethane	159
Pressure reducing	524-526	Spring loaded	293, 703	Whipsock	132
Accessories	525	Swing check, horizontal	704	Wilkerson FRL's	134, 202-236
Pressure restricting	527-529	Tank Filler	149	Lockout valves	225
Sprinkler hose	538	Tank vent	515-516	Witches Hat Strainers	72, 300
Straight globe	533	Thermal relief	319	Worm gear clamp rack	367
Wedge disc	534-535	TrueSeal™	304-305	Worm gear clamps	363-364, 367
Wharf hydrant	533	Two-way	677, 758	Marine grade	364
Butterfly	699-701	Unloader	319	Wrenches	
Button	149	Wye	652	Drum plug	684
Check	135, 153, 188, 293, 305, 411, 512-514, 532, 702-704	Vapor recovery couplers	55, 769	Hex	457
Compact polypropylene	678	Velcro straps	73	Long Handle	65
Composite mini ball	186	Vent		LP gas hose	114
Compressor Y	119	Breather	147	Pin Lug	65
Deadman handle	669, 675	Stationary	759	Spanner	291, 618-621, 652
Domestic gate	680	Vented grip lance	315	Storz	618, 621
Domestic globe	681	Vent-Lock	27	Torque	776-777
Domestic swing check	704	VH series hydraulic	386	Wrench grips	711
Drum gate	685	W		Wyes	53
Dual Y	128	Washdown		Aluminum	
Dual y ball	681	Hose	308	¼ Turn Ball	546
Electrically actuated	686, 688, 690, 692, 694	Nozzles	309-310	2-way siamese	549
Flow control	153, 186-187, 411	Rack	308	3-way siamese	549
Foot	300, 654, 659	Stations	308	4-way siamese	550
Full flow	676-677, 757-758	Swivel connectors	309	Jumbo siamese	550
Gate	680-681			Plain	546
Self-closing	685				

	Page #	Page #	Page #
Brass			
¼ Turn	539		
Full Flow	539		
Plain	536		
Y			
Y, cam and groove	53		
Y, compressor	119		
Y, connectors	184, 192, 196, 302		
Y, dual valve	128, 681		
Y line strainers	705		
Y, unions	196		

PART NUMBER INDEX

In the following index, a (*) is used to represent a variable. Therefore, to find AD075EZ or AD400EZ, look for: **AD***EZ**

	Page #		Page #		Page #
0...	361	100-D...	36	114D-AV-06ASM	753
0....	189	100D-90SS	51	114DAV-SK	753
0...R	361	100DA-90SS	49	114DAVR	753
001-....	350	100-DC...	40	1-HR1004	165
0304C-.	400	100DHAN-AL	770	1-HR1004-3	165
0304C-..	400	100-DL-SS	52	1-HR1004A	165
0306-.	401	100-DP...	42	1204-....	396
0306-..	401	100DWB PSTSS	57	1208..	189
0318-.	400	100DWS...	57	1212-05...-4	644
0318-..	400	100-E...	12, 38 43	1217AR-4..	133
0319-.	400	100-F...	39, 43	1217AR-4	133
0319-..	400	100-G...	74, 75	1217AR-4AKWF	134
05094	189	100-G-...	74, 75	1217FRAME	133
05106	189	100GTFACC	75	122..	189
0610-4	779	100GTFVI	75	1231-....	393
06138	189	100GTHK	74	1234-....	397
08..	189	100-HP-SP	71	1238-....	394
08...	189	100PRSCSS	72	1240-....	395
0817	189	1010-6	779	1250..	754
0817..	189	10-D.	167	1250-94	754
0817BL100	189	1012CIPUSH	773	1251-..H	406
08180	189	1015-DA...	44	1254-..H	400
09..	362	10210-64	779	1255-..H	395
09-31-00001	665, 715	1025P0...	191	125-A...	31
1.	374	103-0...	337	125-AA-SS	46
1..	111, 361, 619, 660	103-1...	337	125-B-AL	32
1...	189, 361, 374	105-0...	337	125-C...	34
1....	189, 638	1091P....	190	125C-90BR	50
1..R	361	1091U....	190	125-D...	36
1...A	340, 752, 753	1091U.....	190	125D-90BR	51
1...R	361	1092T....	190	125-DP...	42
10..	362	1094P....	190	125-E...	38
100.	362	1094U....	190	125-F...	39
100..	364, 774	1094U.....	190	125-G...	74, 75
1000.	364	10-DCAP	169	125-G-...	74, 75
10-076-004	247, 250	10-D...	166	125GTFACC	75
100-A...	31, 43	10-D...-10	167, 168	125GTFVI	75
100-AA-SS	46	10-DFPLUG	169	125GTHK	74
100-AL-SS	52	10EF10-S	312	126-....	338
100AWSPSS	56	10VEPDP-A	385	128P.....	420
100AWBPSTSS	56	10VEPF10	385	12-DBHU-12	167
100-B...	32	10WSDP-A	383	12-DCAP	169
100-C...	12, 34	10WSF10	383	12-DELU-12	168
		10WSF10-BOP	383	12-DFC-.	166
		11-D	753	12-DFC-..	166
		11-DNS	753	12-DFE-.	167
		11-DSK	753	12-DFE-..	167
		11-009-0..	244	12-DFPLUG	169
		110319	743	12-DMC-.	166
		1105102	665	12-DMC-..	166
		1110060	665	12-DME-.	167
		112012	742, 743	12-DME-..	167
		114/2D-TK	753	12-DRATT.	167
		114DAL-AV-..	753	12-DRATT-..	167
		114D-AV	753	12-DTTM-.	168
				12-DTTM-..	168
				12-DTTT-.	168
				12-DTTT-..	168
				12-DTMT-12	168
				12-DU	167
				12EF12-S	312
				12P.	420
				12SFO	390
				12SF XO	390
				12VEPDP-A	385
				12VEPF12	385
				12WSDP-A	383
				12WSF12	383
				12WSF12-BOP	383
				13..	434
				13...	434
				1310-8	779
				134-....	335
				139-....	335
				13CB-...	434
				13H-G...	457
				13H-G...RJT	455
				13ILB...	463
				13ILB100-150	463
				13ILH...	463
				13ILH100-150	463
				13MHHM...	432
				13MHHM...SN	432
				13MHHM50-75	432
				13MHHM50-75SN	432
				13MHHM100-150	432
				13MHHM100-150SN	432
				13MHHM-3P...	433
				13MHHM-3P100150	433
				13MHHM-3P1200	433
				13MHHM-DP...	432
				13MHHM-DP1000	432
				13MHHM-DP100150	432
				13MHHM-Q...	432, 495, 497
				13MHHM-Q75	432
				13MHHM-Q100150	432
				13MHHV-Q400	495, 497
				13MHHV...	467
				13MHLA...	433
				13MHLA100-150	433
				13MHP...	433
				13MHP....	433
				13MHP75	433
				13MHP100-150	433
				13MHVP400	467
				13MO...	433
				13MO....	433
				13MO100-150	433
				13NHN-G100-600	488
				13NHN-G75	488

Part Number Index

	Page #		Page #		Page #		Page #
13PS-..	487	14WLMP-R...	435	150ENOSSS	69	16AMP-G...	437
13PS-...	487	14WMP-G..	435	150F-..	171	16AMP-G....	437
13PV-...	469	14WMP-G...	435	150-F-..	39, 43	16AMP-G.....	437
13QLH...	463	14WMP-G....	435	150F-90AL	51	16AMP-G.....	437
13QLH100-150	463	14WMP-R..	435	150-F-ALH	39	16AMP-R...	437
13RBN-G...RJT	455	14WMP-R...	435	150-G-..	74, 75	16AMP-R....	437
13R-G...DIN	431, 453	14WMP-R....	435	150-G-...	74, 75	16AMP-R.....	437
13R-G...SMS	454	14WMV-R...	467	150GPCTF	750	16AMP-R.....	437
13TR-..	434	14WMX-R...	467	150GTFACC	75	16AMP-R...DIN	453
13WGC...	434	14WQ-G...	464	150GTF..	75	16AMP-R...SMS	454
13WGC100-150	434	1500SK	754	150GTHK	74	16AMV-G...	468
13WNXM	434	1501-..	404	150TP	774	16AMV-R...	468
1404-..	403	1501-...	404	1510-B-..	47	16AQ-G...	465
1404-...	403	1501-...	404	1510-C-SS	47	16-DBHU-16	167
140....	665	1501-...	404	1510-D-..	47	16-DCAP	169
1404-...	403	1501-...	404	1510DAAL	44	16-DELU-16	168
1405-..	403	1502-..	404	1510-DA-SS	44	16-DFC-16	166
1405-...	403	1502-...	404	1510-E-SS	48	16-DFE-16	167
1405-...	403	15020FXFAL00000	760	1520-AA-..	46	16-DFPLUG	169
14-19-G...	460	15020FXFMI00000	760	1520-DA-..	44	16-DMC-..	166
142-....	337	1503-..	404	1520-F-AL	48	16-DME-..	167
143-....	338	1503-...	404	156-....	351	16-DTMT-16	168
144-....	338	15030FXFAL00000	761	1565U	754	16-DTTM-..	168
144F-..	172	15030FXFMI00000	761	158-....	351	16-DTTT-..	168
145-....	337	150-A-..	31, 43	159F-..	172	16-DU	167
149F-..	171	150A-90AL	50	15A-G...	459	16EF16-S	312
149F-...	171	150-AA-..	46	15A-R...DIN	453	16P-	420
149F-...	171	150-A-ALH	31	15A-R...RJT	455	16SFO	390
14A-G...	458	150-AL-SS	52	15A-R...SMS	454	16SF XO	390
14A-R100...	453, 454, 455	150AWBPSTAL	56	15B15-..RBF	635	16VEPDP-A	385
14MPHR-G...	438	150AWBPSTSS	56	15B15-...RBF	635	16VEPF16	385
14MPHR-G....	438	150AWSPAL	56	15B15-50RBS	635	16WSDP-A	383
14MPHR-G.....	438	150AWSPSS	56	15B15-100RBS	635	16WSF16	383
14MPHR-G.....	438	150-B-..	32	15R-G...	459	16WSF16-BOP	383
14MPHRL...	438	150B-90AL	50	15TRF-G...	459	17-...	378
14MPHR-R..	438	150-B-ALH	32	15WI-G...	464	17-...A	378
14MPHR-R...	438	150-C-..	12, 34	15WI-R...	464	17-016-107	253
14MPHR-R...	438	150C-90..	50	15WLI-G...	464	170C-....	174
14MPHR-R....	438	150-C-ALH	34	15WLI-R...	464	171C-....	175
14MPHR-R.....	438	150CNOSSS	69	16-63	378	172C-....	175
14MPHR-R.....	438	150-D-..	36	16-00-	378	174-....	331
14MPHT-R..	438	150D-90..	51	16-00-A	378	176-....	330
14MPHT-R...	438	150DA-90..	49	1610-10	779	176C-0402	175
14MPW-R..	436	150D-ALH	36	16101-RH	638	177-....	336
14MPW-R...	436	150-DC-..	40	164C-..	175	177-...SS	336
14PRF-G...	458	150-DC-ALH	40	164C-......	175	177C-0402	175
14QMP-G...	445, 480	150DC-L..	45	165-....	332	179-....	336
14R-G...	458	150-DD-SS	46	165C-..	174	179-...SS	336
14RMP-G...	436	150-DL-SS	52	166-....	332	179C-....	174
14RMP-R...	436	150-DP-..	42	166FSV-..	171	18-57	267
14VB-R...	486	150-DP-ALH	42	169-....	333	18-...	381
14WHRL-R...	477	150DWPSTAL	57	169C-....	174	18-0-... 257, 258, 260	
14WI-G...	464	150DWPSTSS	57	16A-G...	459	1800...F	347
14WI-R...	464	150DWSP..	57	16AI-14I...	465	1800...FSS	347
14WLI-G...	464	150-E-..	12, 38, 43	16AI-14I...R	465	1820...S	347
14WLI-R...	464	150-E-ALH	38				

Part Number Index

	Page #		Page #		Page #		Page #
1820...SS	347	200DWSP..	57	219-....	330	250GTFVI	75
1840...A	349	200-E-..	12, 38, 43	21MP-G...	439	250GTHK	74
18-458-00017	525	200E-90SS	51	21MP-G.....	439	2510-16	779
185-....	349	200-E-ALH	38	21MP-G.....	439	2520-DA-SS	44
18500116	362	200ENOSSS	69	21MP-R..	439	2530-AA-..	46
187-....	349	200-F-..	39, 43	21MP-R...	439	2530-DA-SS	44
188-..	387	200F90AL	51	21MP-R....	439	25H-...	457
189DH	619	200F-90SS	51	21MP-R.....	439	25H-.....	457
19-...	381	200-F-ALH	39	21MP-R.....	439	2601-....	399
1910-12	779	200-G-..	74, 75	220FXFAL00000	760	2601-....	399
1A*1-B	145	200-G-...	74, 75	220FXFMI00000	760	2601-....	399
1WAYBV...	676, 757	200GPC..	750	2210-14	779	2603-..	399
1WAYBV200SW	676, 757	200GTF..	75	228-....	332	2603-..	399
1WAYBV200VIC	676, 757	200GTFACC	75	22MP-G...	440	264C-03	175
1WAYBV300SW	676, 757	200GTFHK	74	22MP-G.....	440	268B....	335
1WAYBV300VIC	676, 757	200-HRP-..	71	22MP-G.....	440	269C-0202	174
		200-HSCRIP-SI	71	22MP-R..	440	2700LN-..	400
2	374	200-LH-..	71	22MP-R...	440	2700LN-..	400
2-	374	200-PC-..	750	22MP-R....	440	2701LN-..	401
2..	111, 361, 618, 660	200PRSC..	72	22MP-R.....	440	2701LN-..	401
2...	361	200-PV-9	759	22MP-R.....	440	270AT	346
2..R	361	200-TCA-..	64	230FXFAL00000	761	271-....	343
2...R	361	200TP	774	230FXFMI00000	761	272....W	346
200..	364	200YDAAAL	53	234-80-	753	273-....	343
2000L	759	2010-DA-..	44	2404-..	396	2796-52	254, 258
200-A-..	31, 43	2015-A-..	47	2404-...	396	280-....	343
200A-90..	50	2015-B-..	47	2404-...	396	282-....	344
200-AA-..	46	2015-B-ALNST	593	2404-...	396	284-....	344
200-A-ALH	31	2015-C-..	47	2405-..	396	286-....	345
200-AL-..	52	2015-D-..	47	2405-..	396	287-....	345
200AWBPST..	56	2015-DA-..	44	2405-..	396	287-....SS	345
200AWSP..	56	2015-E-..	48	2405-..	396	288-....	345
200-B-..	32	2015-F-..	48	24PFX....	428	288-....SS	345
200B-90..	50	2025-DA-..	44	24SFO	390	289-....	345
200-B-ALH	32	2025-D-ALNST	593	24SF XO	390	289-....SAE	345
200-C-..	12, 34	2025-F-ALNST	593	2500HB0000	426	290-....	344
200C-90..	50	2030-A-..	47	2500L	759	292-....	344
200-C-ALH	34	2030-AA-..	46	2500SFV	759	294-....	346
200CNOSSS	69	2030-B-AL	47	2501-..	398	2962-89	256
200-D-..	36	2030-DA-..	44	2501-..	398	2A*2-B	145
200D-90..	51	2030-DD-..	46	2501-..	398	2-DFC-2	166
200DA-45AL	49	2030-F-AL	48	2501-...	398	2-DMC-	166
200DA-90..	49	204-..	295	2503-..	399	2-DTMT-2	168
200-D-ALH	36	2040-AA-..	46	2503-..	399	2-DTTM-2	168
200DBAL	616	2040-DA-..	44	2503-...	399	2-DU	167
200-DC-..	40	207BH-	330	250-A-..	31	2ES2-B	312
200-DC-ALH	40	207BH12	330	250-B-..	32	2-HR1004-3	165
200DC-L..	45	207BH4S	330	250-C-..	34	2-HR1005	165
200-DD-..	46	20SFO	390	250-D-..	36	2HTDP	384
200DD-45AL	49	20SF XO	390	250-DC-..	40	2HTF2	384
200DD-90AL	49	210-..	295	250-DP-..	42	2VEPDP-A	385
200-DL-..	52	211-....C	330, 724	250-E-..	38	2VEPF2	385
200-DP-..	42	2117-01	258	250-F-..	39	2WAYBV...	677, 758
200-DP-ALH	42	213-....	331, 726	250-G-..	74, 75	2WAYBV...SW	677, 758
200DWPST..	57	2143SEALBU	748	250-G-...	74, 75	2WAYBV...VIC3	677, 758

Part Number Index

	Page #		Page #		Page #		Page #
2WCA4025F-•	555	300D-90••	51	300SSSG	311	3116••••	183, 192
2WCA4025F-SP••	555	300DA-45••	49	300-TCA••	64	3116••••DOT	194
2WCA4030F-P	555	300DA-90••	49	300-TFA	747	3126••••	184, 192
2WCA6025F-•	555	300-D-ALH	36	300-TFG	740	3129••••	184
2WCA6025F-SP••	555	300DBAL	616	300TP	774	3140••••	184, 192
2WSA4025F	556	300-DC••	40	3010-RC-SS	750	3140••••DOT	196
2WSA4025F-•	556	300-DC-ALH	40	3014••••	182	31440-225AL	748
2WSA4025F-SP	556	300-DC-ALPH	749	3015-DA••	44	3148••••	184
2WSA4025F-SP••	556	300-DC-L••	45	3015-F••	48	3148••••DOT	196
2WSA6025F	556	300-DD••	46	3020-A••	47	3161-••	254
2WSA6025F-•	556	300DD-45••	49	3020-B••	47	3166••••DOT	195
2WSA6025F-SP	556	300DD-90••	49	3020-C••	47	3175••••	182, 191
2WSA6025F-SP••	556	300-DL••	52	3020-D••	47	3182••••DOT	195
		300-DLT-AL	54	3020-DA••	44	3183••••DOT	196
3	374	300-DP••	42	3020-E-SS	48	3199••••	192
3••	111, 361	300-DP-ALH	42	3020-F••	48	3201••••	181
3•••	129, 150, 298, 361	300-DP-ALPH	749	3020-RD••	750	3203••••	181
3••R	361	300DWPST••	57	3020DAT••SS	44	3204••••	182
3•••R	361	300DWSP••	57	3020RDSSAP	750	3206••••	182
3-HR1004-3	165	300-E••	12, 38, 43	302••	298	3209••••	181
3-HR1005	165	300E-90••	51	3025-•-ALNST	593	320XFAL00000	760
30-•••	379	300-E-ALH	38	3025-C-SS	47	320XFMI00000	760
30-•••DP	379	300EL90••	720	3025-DA-AL	44	3210-20	779
300-•••	390	300EL90•••	720	3025-E-SS	48	3215••••	181
300-••••	390	300ENOSSS	69	303••	298	322-••••	333, 722
300••	364	300-F••	39, 43	3030RDSSAP	750	324-••••	333
300-••••	390	300F-90SS	51	3040-A-AL	47	326-••••	333
3000-10	254	300-F-ALH	39	3040-AA••	46	3275••••	181
30025•••	276	300FT••	722	3040-B-AL	47	32930420	181
300300MAE	740	300FT•••	722	3040-C-AL	47	32990420	181
30040•••	276	300-G••	74, 75, 740	3040-DA••	44	32P•LJ15	420
3004030MAE	740	300-G-•••	74, 75	3040-DD-SS	46	32P•SO15	420
30060•••	276	300GP•••	750	3040-F-AL	48	32PFX2-•••	428
30090•••	183, 276	300GT•••	75	3040••TAL	54	32SFO	390
30095•••	183	300GTFACC	75	306-••••	333	32SF XO	390
30096•••	183	300GTHK	74	3060-DA••	44	330XFAL00000	761
30-300F	379	300GTHKBF	74	31-••••	379	330XFMI00000	761
300-A••	31, 43	300GTTF••	54, 766	31-••••DC	379	3315••••	185
300A-90••	50	300GTTFK	54, 766	3101••••	192	340-••••	390
300-AA••	46	300H-PAD••	71	3102••••	183, 192, 276	3407-02	256
300-A-ALH	31	300-HRP••	71	3102••••DOT	195	35••WF	129
300-AL••	52	300-HSCR P-SI	71	3103••••	184	35-201-10	324, 684
300-ALT••	54	300-LH••	71	3103••••DOT	196	35-202-10	324, 684
300ASSSAP	750	300-MAE	740	3104••••	184, 192, 276	3533••	52
300AWBPST••	56	300MICAP••	724	3104••••DOT	195	3534••	52
300AWSP••	56	300MICAP•••	724	3106••••	183, 192	3543••	52
300-B••	32	300MIU••	719	3106••••DOT	194	3544••	52
300B-90SS	50	300MIU•••	719	3108••••	184, 191	3646-••	254, 258
300-B-ALH	32	300-P	740	3108••••DOT	195	3652-11	254
300BR••••	719	300-PC••	750	3109••••	183, 191	3776-50	254
300-C••	12, 34	300PC••AP	750	3109••••DOT	195	3783-52	255, 258
300C-90••	50	300PRSC••	72	3113••••	184	38025600	180
300-C-ALH	34	300RHC••	720	3114••••	191	3804••••	180
300CNOSSS	69	300RHC•••	720	3114••••DOT	194	3805••••	180
300-D••	36	300-SFC••	750	3115••••DOT	194	3806••••	180

Part Number Index

	Page #		Page #		Page #		Page #
3810-24	779	400DD-90AL	49	4055-3	779	4248-89	256, 260
3816-....	180	400-DDVR-AL	55, 769	4060-A-AL	47	4255-51	256, 260
3889.....	180	400-DL-..	52	4060-AA-..	46	4266-..RF	254
390-....	390	400-DLT-AL	54	4060-DA-..	44	4277750-0001	270
390-....	390	400-DP-..	42	4060-DD-..	46	4277768-0001	270
391137	752	400-DP-ALH	42	40A-45TCAL	64	4277776-0003	270
3ES3-B	312	400-DP-ALPH	42, 749	40BS-H...	462	42F-..	171
3HT..	384	400-DVR-AL	55, 769	40BS-O...	462	42MP-E..	446
3S-B-15U-GFB...	500	400DWBPST..	57	40BS-S...	462	42MP-G..	447
3S-B-2U-GFB...	500	400DWSP..	57	40IE...	466	42MP-GRE50	450
3S-C-15U-GFB...	500	400DWX5TC	59	40IH...	466	42MP-SFY..	446
3S-C-2U-GFB...	500	400-E-..	12, 38	40IT...	466	42MP-U..	446
3S-D-15U-GFB...	500	400E-90..	51	40IV...	466	42MP-UW..	446
3S-D-2U-GFB...	500	400-E-ALH	38	40MP-E...	446	42MP-XC..	447
3S-E-15U-GFB...	500	400-F-..	39	40MP-EZ...	448	42MP-XW..	447
3S-E-2U-GFB...	500	400-F-ALH	39	40MPF-E...	449	4303-77R	258
3S-F-15U-GFB...	500	400-G-..	74, 75	40MPF-E....	449	430FXFAL00000	761
3S-F-2U-GFB..	500	400-G-...	74, 75	40MPF-SFY...	449	4313-50	255, 257, 259
3S-G-15U-GFB...	500	400GAGFI	48	40MPF-SFY....	449	4314-..	255, 257, 259
3S-G-2U-GFB...	500	400GPCTF	750	40MPF-U...	449	4315-..	255, 257, 259
3VEPDP-A	385	400GTF..	74, 75	40MPF-U....	449	4316-50	255, 257, 259
3VEPF..	385	400GTHK	74	40MPF-UW...	449	4324-50	255, 257, 259
		400GTHKBF	74	40MPF-XW...	450	4325-..R	254, 258, 260
4	374	400GTTFCB	54, 766	40MPF-XW....	450	4328-50	255, 257, 259
4..	111, 361, 374	400GTTFK	54, 766	40MP-G...	447	4332-..	256
4..R	361	400GTTFTK	54, 766	40MP-G....	447	4338-..	254
4...	367, 742, 748	400-LH-..	71	40MP-GR...	450	4341-01	254
4000-51R	254	400-PC-SS	750	40MP-GRE...	450	4344-..	254
40022..TAL	54	400-TCA-..	64	40MP-SFY...	446	4348-89	256, 260
400-A-..	31	400-TLT-AL	53	40MP-SFYZ...	448	4355-51	256, 260
400A-90AL	50	400TP	774	40MPS-U...	450	4380-...	254, 256, 258
400-AA-..	46	401-01	277	40MP-U...	446, 495, 497	4381-...	256
400-A-ALH	31	401-01S	277	40MP-U...DIN	456	4382-...	258
400-AL-..	52	4020-DA-..	44	40MP-U...RJT	456	4384-...	255, 257, 259
400-ALT-..	54	4025-DA-..	44	40MP-U...SMS	456	4385-700	254
400-AS-AL	48	4025REV90	561	40MP-UW...	446	43HTFXTFAL00000	770
400AWBPST..	56	4030-A-..	47	40MP-UZ...	448	43HTFXTFAL11000	770
400AWSP..	56	4030-B-..	47	40MPV-G...	470	4424-50	255, 257, 259
400-B-..	32	4030-C-..	47	40MPV-U...	470, 495, 497	4425-..RF	254
400-B-ALH	32	4030-CVR-AL	55, 769	40MP-XC...	447	4425-50RL	258
400-C-..	12, 34	4030-D-..	47	40MP-XW...	447	44-251-00006	533
400C-90..	50	4030-DA-..	44	40PFX3-...	428	4438-..	254
400-C-ALH	34	4030-DAVR-AL	55, 769	40QH...	466	4455-51	256, 260
400-CVR-AL	55, 769	4030-DVR-AL	55, 769	40QT...	466	44HTFXTFAL00000	770
400-D-..	36	4030-E-..	48	40SFO	390	44HTFXTFAL11000	770
400D-90..	51	4030-F-..	48	41440-225AL	748	45..SG	748
400DA-45..	49	4030-MAE	740	41450-DCAL	748	4500-5	748
400DA-90..	49	4030-RD-..	750	4-1460-AL	61, 746	4500RK	748
400-D-ALH	36	4030REV90	561	41FL-..	172	4500RK-V	748
400-DC-..	40	40321TF	54, 766	41FS-..	172	450-4S	159
400-DC-ALH	40	40322TF	54, 766	42-019-015..	525	4510-28	779
400-DC-ALPH	40, 749	4050-AA-AL	46	420FXFAL00000	760	4525-..	130
400DC-L..	45	4050-DA-AL	44	4214-..	255, 257, 259	452963	127
400-DD-..	46	4050-DD-..	46	4215-..	255, 257, 259	4540SG-RK..	748
400DD-45AL	49	4055-..	258	4224-50	255, 257, 259	45CIPUSH	773

Part Number Index

	Page #		Page #		Page #		Page #
46-003-00001	566, 666	500-AA-..	46	5201-SFI	61, 746	5797-50	255
46-011-00418	566, 666	500AN•	322, 614	5201-SFI-RK1	61, 746	5882-..	254
46-030-00025	533	500AWBPST••	56	52025064	276	59-...	705
46F-..•	170	500AWSP••	56	5203-06	257, 260	5911212W	323, 359
46F-...•	170	500-B-AL	32	5204-...	276	5925-..	254
4895....	188	500BFP	324	5204LNG	63, 767	5939-06	255
48F-..•	170	500-C-..	34	5204LSNG	63, 767	5945-50	256
48F-...•	170	500-D-..	36	5204LSNGP	63, 767	5HTDP	384
48F-....	170	500DA-90AL	49	5204NG	767	5HTF6	384
48P•LJ15	420	500-DC-..	40	5205-RK4	748		
48P•SO15	420	500-DD-..	46	5226-97	256	6	374
48PFX3....	428	500-DP-AL	42	529-03	256	6••	177-179, 374
48PFX4....	428	500DWPSTAL	57	5298-14	256	6...•	177,
48SFO	390	500DWSP••	57	5300B	63, 767		178-179, 741, 742, 744
4-DBHU-4	167	500-E-..	38	5300BC	60, 63, 767	600	374
4-DCAP	169	500-F-AL	39	5300G	63, 767	600-...••	390
4-DELU-4	168	500-G-..	74	5301-55	258	6000-•	742, 743
4-DFC-•	166	500GH4VBK	324	5311-..	254	6000-..	741
4-DFE-2	167	500GTCA••	65	5390-77	254	6000-..C	744
4-DFPLUG	169	500GTCAVI	65	5400-•	63, 767	6000-SSA	745
4-DMC-•	166	500GTCAVITHK	65	5404-•	402	6000ASAL	745
4-DME-•	167	500GTFWB	75	5404-..•	402	6000EHK	742, 743, 744
4-DRATT-2	167	500-G-WNE	74	5404-...•	402	6000NPHK	743
4-DTMT-4	168	5030-DA-..	44	5404-....•	402	600-A-..	31
4-DTTF-4	168	504-....	329	5404-....••	402	600-AA-..	46
4-DTTM-4	168	5040-C-AL	47	5406-..•	402	600-A-ALH	31
4-DTTT-4	168	5040-DA-..	44	5406-...•	402	600-AL-..	52
4-DU	167	5040-D-AL	47	5406-....•	402	600-ALT-AL	54
4-DU-2	167	5040-E-AL	48	5406C-•	406	600AWBPST••	56
4EAF•	387	5060-AA-AL	46	5406C-..•	406	600AWSP••	56
4ES4-B	312	5060-DA-..	44	5450LP	164	600-B-..	32
4-HR1005	165	507-....	329	5500-•	403	600-B-ALH	32
4HTDP	384	509-....	329	5500-..•	403	600-C-..	12, 34
4HTF•	384	5095-17	258	5502-•	404	600C-90AL	50
4HTOF•	384	50-A-..	31	5502-..•	404	600-C-ALH	34
4P•	420	50-B-..	32	5504-•	404	600-D-..	36
4PSG	61, 746	50-C-..	34	5504-...•	404	600D-90AL	51
4RKOBU	770	50-D-..	36	5570-04	257	600DA-45AL	49
4RKOVIMI	770	50-DC-..	40	5578-..	256	600DA-90AL	49
4VEPDP-A	385	50-DP-..	42	56-...•	380	600-D-ALH	36
4VEPF•	385	50-E-..	38	56••LP	164	600-DC-..	40
		50-F-..	39	5600-•	405	600-DC-ALH	40
		50-G-..	74, 75	5600-..•	405	600DC-LAL	45
5	374	50-G-TF-VI	75	5601-•	405	600-DD-AL	46
5••	361, 374	50-HP-SP	71	5601-..•	405	600DD-45AL	49
5...•	63, 767	5110-32	779	5602-•	405	600DD-90AL	49
5••R	361	5111A	340	5602-..•	405	600-DL-..	52
5000-•	403	519••	372	5605-•	405	600-DLT-AL	54
5000-..•	403	5191-..	256, 260	5605-..•	405	600-DP-..	42
5000-...••	403	5200-SFI	61, 746	56RBSG-...•	200	600-DP-ALH	42
5000-24L	748	5200-SFI-3	746	57-...•	380, 381	600DWPSTAL	57
5000-25RK1	748	5200-SFI-3-RK1	746	572-....	342	600DWSP••	57
50025104	276	5200-SFI-3V-RK1	746	574-....	342	600-E-..	12, 38
50040064	276	5200-SFI-RK1	746	575-....	342	600-E-ALH	38
500-A-..	31	5200-SFIV-RK1	746	5771-02	258	600-F-..	39

Part Number Index

	Page #		Page #		Page #		Page #
600-F-ALH	39	62NBH•	197	6501-•••	398	68RBSG-••••	200
600-G-••	74, 75	62NBH••	197	6501-••••	398	690-••••	390
600GTFVI	75	62NFBH•	198	6502-•	398	6901-•••	394
600-G-WNE	74	62NFBH••	198	6502-••	398	6901-••••	394
600-HRP-••	71	630••	729	6503-••••WP2	303	6901-••••	394
60124	729	6302-••••WP2	302	6505-•••	397	6901-••••	394
6030-DA-••	44	6304-••••WP2	302	6505-••••	397	6912X•	178
60330	727	6306-••••WP2	302	6505-••••	397	6912x12	178
60331	729	6315-••••WP2	301	6505-••••WP2	301	6916X12	178
604••	729	6316-••••WP2	302	6506-•••	397	6916X8	178
6040-A-••	47	6322-••••WP2	304	6506-••••	397	694X4	178
6040-D-AL	47	6325-••••WP2	301	6506-••••	397	695X4	178
6040-DA-••	44	6326-••••WP2	303	6508-••••WP2	303	696X4	178
605••	729	6340-••••WP2	302	6509-••••WP2	303	698X•	178
6050-DA-••	44	6351-••••WP2	303	6521-••••WP2	303	698X12	178
60C-••	176	63545	83	6-DBHU-6	167	69NAB••VS	198
60NAB•	199	6366-••••WP2	304	6579-••••WP2	301	69NAB••••VS	198
60NAB••	199	6382-••••WP2	304	65NAB•	198	69NAB1212VS	198
60PT-••	176	6388-••••WP2	304	65NAB••	198	69S12X•	178
60RB-••	200	639C-04	175	6600-•	399	69S12X••	178
61-•••	702	63NAB•	199	6600-••	399	69S16X••	178
614••	705	63NAB••	199	6602-•	399	69S4X4	178
615••	83, 705	63PT-••••	176	6602-••	399	69S5X•	178
617••	705, 727	640-••••	390	6612X12	177	69S5X10	178
619-50	254	6400••	744	6612X8	177	69S8X•	178
61C-••	176	6400-DTK	744	664X4	177	69S8X••	178
61CL-••	176	6400••	744	665X4	177	6-DCAP	169
61NAB•	199	6401-•••	393	668X•	177	6-DELU-6	168
61NAB••	199	6401-••••	393	66C-••••	173	6-DFC-•	166
61RB-••	200	6401-••••	393	66NAB••	197	6-DFE-4	167
61RBSG-••	200	6403-•	393	66NAB•••	197	6-DFPLUG	169
62••	727, 728	6403-••	393	66NBH86	198	6-DMC-•	166
62-•••	702	6405-•••	394	67RBSG-••	200	6-DME-•	167
6200•	741	6405-••••	394	6803-•	395	6-DRATT-•	167
6200-•	742	6405-••••	394	6803-••	395	6-DTMT-4	168
6200-15ASSM	742, 743, 744	6408HHP-•	395	6812X•	177	6-DTTT-6	168
6200-7X	742	6408HHP-••	395	6812X••	177	6-DU	167
6200ARK	742	6410-•••	393	6816X16	177	6-DU-4	167
6200BK	742, 743, 744	6410-••••	393	6816X8	177	6ES6-B	312
6200S••	742, 743, 744	6410-40	779	682C-••••	174	6HTDP	384
6200X•	741	6410-••••	393	684X10	177	6HTF6	384
6212-50	255, 258	6410-••••	393	684X4	177	6P•	420
62258	728	64NAB•	199	685X•	177	6VEPDP-A	385
622••	727, 728, 729	64NAB••	199	685X10	177	6VEPF6	385
6230X	742, 744	64P•LJ15	420	686X10	177	6WSDP-A	383
62797	83	64P•SO15	420	686X4	177	6WSF6	383
628••	729	64PFX4-•••	428	688-••	387	6WSF6-BOP	383
629••	729	650-•S	159	688X•	177		
62C-••	173	6500-•	397	688X••	177	7	374
62C-••••	174	6500-••	397	68C-••••	173	7••	112, 374
62CBH-••	174	6500-•••	397	68CIPUSH	773	700013-•••	130
62NAB•	197	6500-••	397	68NAB••VS	197	7012X8	178
62NAB••	197	6500-••••	397	68NAB••••VS	197	705X4	178
62NABH•	197	6500A	741	68NAB1212VS	197	70650411	186
62NABH••	197	6501-•••	398	68RB-••••B	200	7065561•	186

Part Number Index

	Page #		Page #		Page #		Page #
706560••	186	75GTFACC	75	8060-DA-AL	44	90DCS6025F-SP	553
708X•	178	75-HP-SP	71	8320605	326	90FR3C••••	558
70NAB••	198	75TH2R0••SS	277	833••	326	90FR3C••••F	558
70NAB108	198	7600HP	164	833••H	326	90FRC4025-D	557
7112X•	179	7610-48	779	850•••	427	90FRC4025F-D	557
7112X12	179	7660••••	186	851•••	130	90FRC6025F	557
7116X12	179	7665••••	186	855•••	127	90IRC4025	557
714X4	179	7670LP	164	855A	341	90IRC4025•	557
715X4	179	77-•••	382	856•	341	90IRC4025GF	557
718X•	179	77-••••	382	856••	341	90ISCS4025F	552
71NAB108VS	199	7770••••	187	861••	341	90PPA•••	81
71NAB••VS	199	7775••••	187	875•	753	90PPC•••	82
71S12X12	179	78-•••	382	8-DBHU-8	167	90PPD•••	82
71S12X8	179	78-••••	382	8-DCAP	169	90PPF•••	81
71S16X••	179	7800••	164	8-DELU-8	168	90SCS4025F	552
71S4X4	179	7850LP	164	8-DFC-8	166	90SCS4025F-D	552
71S5X10	179	79-•••	382	8-DFE-8	167	90SCS4025F-SP	552
71S5X4	179	79-••••	382	8-DFPLUG	169	90SCS4025NYFD	552
71S8X•	179	79100••	186	8-DMC•	166	90TCS4025F	554
7212X•	179	79105600	186	8-DME-8	167	90TCS••••F-NB	554
7212X12	179	79106000	186	8-DRATT-12	167	90TCS6025F	554
7216X12	179	7982••••	186	8-DTMT•	168	90TCS6025F-SP	554
724X4	179	79940420	188	8-DTTM•	168	9405U06••	141
725X4	179	7995••••	188	8-DTTT-8	168	9415U06••	141
726X4	179	7996••••	188	8-DU	167	96P1••15	420
728X•	179	79NAB•••VS	198	8ES8-B	312	96P2••15	420
72NAB108VS	199	79NAB••VS	198	8HTDP	384	96P3••15	420
72NAB••VS	199			8HTF8	384	9901	362
72S12X12	179	8	374	8P•	420		
72S12X8	179	8••	112, 177, 341, 374	8SFO	390	A•	118
72S16X••	179	8•••	177, 324	8SF XO	390	A••	118
72S4X4	179	8••••LP	164	8VEPDP-A	385	A•••	738
72S5X10	179	800-A-AL	31	8VEPF8	385	A••••	738
72S5X4	179	800-AL-AL	52	8WSDP-A	383	A1•1-B	145
72S8X•	179	800AWSPAL	56	8WSF8	383	A2•2-B	145
7550-A••	31	800-B-AL	32	8WSF8-BOP	383	A315-100UC	626
7550-E••	38	800-C-AL	34			A315-50••	626
7550-F••	39	800-D-AL	36	9	374	A315-50RAS	626
75-A••	31	800-DC-AL	40	9••	111, 374, 753	A315-50UC	626
75-AGH-NY	325	800-DL-AL	52	900•K	753	A315100••	626
75AWBPSTSS	56	800-DP-AL	42	9000-48S	156	A320-100UC	626
75AWSPSS	56	800DWSPAL	57	9000-MJ	156	A320-50RAS	626
75DWBPSTSS	57	800-E-AL	38	900B	753	A320-50UC	626
75DWSPSS	57	800-F-AL	39	900B34	753	A320100RAS	626
75-B••	32	800-G••	74	900S	753	A325-100UC	626
75-BGH-NY	325	800-HNP-BR	71	900S34	753	A325-50••	626
75-C••	34	801-A-AL	31	900W34•	753	A325-50UC	626
75-D••	36	801-DP-AL	42	9076M	130, 148	A325100••	626
75-DC••	40	801-E-AL	38	90CDMHCB•••••	560	A330-100UC	626
75-DP••	42	801-F-AL	39	90CREV••••	561	A330-50RAS	626
75-E••	38	801AWBPSTAL	56	90DCS••••F	553	A330-50UC	626
75-F••	39	801AWSPAL	56	90DCS4025F••	553	A330100RAS	626
75-G••	74, 75	8060-DA-AL	44	90DCS4025F••	553	A4VC4-MG	305
75-G•••	74, 75	801AWBPSTAL	56	90DCS••••NYFD	553	A510-100UC	627
75-G-TF-VI	75	801AWSPAL	56	90DCS4030NYFDSP	553	A510-50RAS	627

Part Number Index

	Page #		Page #		Page #		Page #
A510-50UC	627	ADS400	48	ANSI••	737	AV250-•	525, 529, 530
A510100RAS	627	AFN150	612	ANT•••	617, 650	AV250••••	529
A515-100UC	627	AFN150NST	612	ANT•••F	617, 650	AV250-I	530
A515-25•••	627	AG••	715	APN••••	711	AV250NYC	529
A515-50•••	627, 660	AH•••	41	APRD•••F	529	AV250-RBR	529
A515-50UC	627	AH•••EZ	41	APRD150NYFD	529	AV250S	529
A515100•••	627	AH250	41	APRD250NYC	529	AV251	531
A515OR50•••	628	AH250EZ	41	APRD250NYFD	529	AV251-N	531
A515R50RAF	628	AH300	41	AQ••DOT•	193	AV251NYC	531
A515U100•••	627	AH300EZ	41	AQ••DOT•X•	193	AV251NYFD	531
A515U50•••	627	AH400	41	AQ••DOTS•X•	193	AV251-RBR	531
A515U75•••	627	AH400EZ	41	AR-BROOM16	319	AV251-WR	531
A515Y50RAF	628	AH600	41	AR-REEL100	318	AV5-250F	531
A5242L-A	425	AH600EZ	41	AR20831	319	AV5-250NYFD	531
A525-100UC	627	AH800	41	AR3000-A2	316	AVAPR•••F	528
A525-25•••	627	AHA1515ADP	66, 592	AR3500	318	AVAPR•••F-I	528
A525-50•••	627, 660	AHA2525ADP	66, 592	AR5000-1	319	AVAPRF•••	528
A525-50UC	627	AHDBF75	684	AR503830SSP	318	AVAPRF•••-I	528
A525100•••	627	AHGV250B	540	AREP400AS	559	AVF•••	529, 531
A5252L-A	425	AHGV250B-I	540	ARPW••F•F	546	AVF•••-I	530
A525U50CBF	627	AHGV250C	540	ARPW••S•S	546	AVF5-250	531
A5262L-A	425	AHGV250C-I	540	ARPW15F10S	546	AVG250F-I	530
A6VC6-MG	305	AHGV250F	540	ARTEL-BELT	316	AVGF250-I	530
AAPN75GHT	322, 614	AHGV250F-H	540	ARTEL18A	316	AVN••••-200	738
AB•	116	AHGV250F-I	540	AS156	742, 743	AWR14	120
AB••	116, 118	AHGV250NS	540	ASB••	121	AWR4	120
AB•••	33	AHGV250NS-I	540	ASB75	121	AWS6	120
AB•••EZ	33	AHGV250Q	540	ASBDV••	532	AWSG	309
ABB1	116	AHGV250Q-I	540	ASC••	121	AWSG-TG	309
ABC	116	AHGV250S	540	ASCM••	147, 698	AWSG-W	309
ABC••	327	AHGV250W	540	ASFI••T•B	89		
ABC1	116	AHGV250W-I	540	ASFI••T•T	89	B••	106, 109, 111, 112
ABC250	606	AHW	618	ASHV1015F	538	B07-•••AG	238
ABH08•••	641	AHWPT	619	ASP-•BV	147	B07-•••MG	238
ABH10143•	641	AK3526-300FL	616	AST•	278	B07-202•••	237
ABH10150•	641	AK4450NST	616	AST••	278	B08-01••	204
ABH10156•	641	AKSP1	120	ASTB••	279	B08-01•••B	204
ABN100•	649	AKSP25	120	ASTB•••	279	B08-02••	204
ABN150•	649	AL•••	315, 316, 318, 319	ATC•••	58, 59	B08-02•••B	204
AC•	73, 120	AL•••XX	315	ATC40ASS•••	60	B1	109
AC•••	35	AL455F	316	ATN100X7	770	B11-••WJC	262
AC•••EZ	35	AL9	314	ATS••••H	163	B11-••WJCR	262
ACB304	298	AL-TPR25-••	318	ATS7838F	163	B12SC	107
ACL•	72, 120	AL-TPR35-••	318	ATS7838M	163	B16-•••	378
ACPSO150	617	AM•	116, 133	AV•••	529, 531	B16-•••S	104
ACPSO150F	617	AM••	116, 118	AV150•	529	B16-1200S	104
AD•••	37	AM•1	116	AV150NYFD	529	B16W-G•••	482
AD•••EZ	37	AM•SWIV	119	AVF150	529	B17-1200S	104
AD400ALEZMTC	59	AM•WF	119	AV150-•	525, 529, 530	B17-200S	104
AD90400EZ	51	AM11WF	119	AV150-RBR	529	B17-•••	378
ADA••••	45	AM11WF-1	119	AV151-N	531	B17-•••S	104
ADA••••EZ	45	AM7T	119	AV151-RBR	531	B17SC	107
ADD•••	46	AMF••	150	AV151-WR	531	B18-••AG	216
ADD••••	46	ANH••	121	AV151NYFD	531	B18-••AGMG	216
ADPW	684	ANH•••	121	AV250	529	B18-••MG	216

Part Number Index

	Page #		Page #		Page #		Page #
B18-•MGMB	216	B2KS-R•P	474	B38W-R••	486	B6	109
B19MPX-R••	468	B2KS-R••P	474	B4	111	B6-1	109
B19WB-G••	482	B2KS-R•U	481	B45AB-R••	514	B72G•AG	245
B19WV-R••	468	B2KS-R••U	481	B45AB-R100150	514	B72G•AG-MB	245
B19WX-R••	468	B2S-G••P	473	B45AB-RK	514	B72G•MG	245
B2	106, 109	B2S-G••U	481	B45-R100150	514	B72G•MG-MB	245
B22WB-G••	482	B2S-R•P	473	B45BC-R••	514	B73G•AG	245
B23BMP-G••	437	B2S-R••P	473	B45BY-R••	513	B73G•AG-MB	245
B23BMP-R••	437	B2S-R•U	481	B45BY-RK••	513	B73G•MG	245
B23BMP-R•••	437	B2S-R••U	481	B45BY-SK••	513	B73G•MG-MB	245
B24PS-G•	487	B2SXL•-R••	475	B45BY-SKV••	513	B74G•AG	245
B24PS-G••	487	B2WCL-G••P	473	B45BY-TB••	513	B74G•AG-MB	245
B24PV-G••	469	B2WCL-G••U	481	B45CC-R100150	514	B74G•MG	245
B24RG-G•	487	B2WCL-R•P	473	B45CC-R••	514	B74G•MG--MB	245
B24RG-G••	487	B2WCL-R••P	473	B45MP-R•	512	B74MP-G••	442
B24RPH-G•	488	B2WCL-R•U	481	B45MP-R••	512	B7MP-R•	442
B24RPH-G••	488	B2WCL-R••U	481	B45MP-RK••	512	B7MP-R••	442
B24RV-G••	469	B2WK-G••P	474	B5	111	B7MPS-R••	442
B25-G••500	488	B2WK-G••U	481	B5101-RKE••	506	B7RMP-G•••••	442
B25-G050••	488	B2WK-R••P	474	B5101-RKS••	506	B7RMP-R•••••	442
B25-G075••	488	B2WK-R•U	481	B5101-RKV••	506	B7RMP-R•••••	442
B25-G10001400	488	B2WK-R••U	481	B5101E••CC•-	505, 506, 510	B7RWWW-G•••••P	476
B25-G100••	488	B2WUL-R••P	479	B5101S••CC•-	505, 506	B7RWWW-G•••••U	483
B25-G12001600	488	B2WUL-R••U	485	B5101V••CC•-	505, 506	B7RWWW-R•••••P	476
B25-G300600	488	B2WUMP-R••	444	B5102-RKE••	507	B7RWWW-R•••••U	483
B25-G400700	488	B3	109	B5102-RKS••	507	B7W-G••P	476
B25-G6001000	488	B3114MP-G•••••	443	B5102-RKV••	507	B7W-G••U	483
B25-G8001200	488	B3114MP-R•••••	443	B5102E••••	507, 510	B7W-R•P	476
B27SC	107, 133	B3114MP-R•••••	443	B5102S••••	507	B7W-R••P	476
B28-•AG	217	B3115F-G•••••	460	B5102V••••	507	B7W-R•U	483
B28-•AGMB	217	B31TP-G•••••	460	B5104-RKE••	509	B7W-R••U	483
B28-•MG	217	B31W-G•••••P	477	B5104-RKS••	509	B7WWW-G••P	476
B28-•MGMB	217	B31W-G•••••U	484	B5104-RKV••	509	B7WWW-G••U	483
B28AMP-R••	444	B31W-R••••P	477	B5104E••BB-D	509	B7WWW-R••P	476
B28BMP-R••	444	B31W-R••••P	477	B5104E••CC•-	508, 509	B7WWW-R••U	483
B28W-R••P	479	B31W-R••••P	477	B5104S••BB-D	509	B8	109
B28W-R••U	485	B31W-R••••U	484	B5104S••CC-D	508	B9	111
B28WA-R••P	479	B31W-R••••U	484	B5104V••BB-D	509	B9MP-G••	443
B28WA-R••U	485	B31W-R••••U	484	B5104V••CC-D	508	B9MP-R••	443
B2CM-G••	473	B31WMP-G•••••	436	B5115-RKS••	511	B9WWWG-G••P	478
B2CM-R••	473	B3214MP-G•••••	443	B5115S••BB-C	511	B9WWWG-R••P	478
B2CMP-G••	441	B3214MP-R•••••	443	B5115S••CC-C	511	BA••	329
B2CMP-R•	441	B32W-G•••••P	478	B5121E••••LLBBC	700	BA••	329
B2CMP-R••	441	B32W-G•••••U	484	B5121E••••LLBCC	700	BA•F•F	330, 725
B2E-G••	460	B3401-••	407	B5121E••••WWBBC	699	BA1616	330
B2F-G••	460	B3401-••••	407	B5121E••••WWBCC	699	BA31-•••	751
B2FMP-14-G••	441	B3455-••	407	B5121E••••WW-BBC	699	BA32-•••	751
B2FP-G••	473	B3455-••••	407	B5121E••••WW-BCC	699	BA61-300	751
B2KM-G••	474	B37SC	107	B5121E••••LL-BBC	700	BA62-300	751
B2KM-R••	474	B3800-••	407	B5121E••••LL-BCC	700	BAC-•••	751
B2KMP-G••	441	B3800-••••	407	B5416MP-A••	490	BAS••	329
B2KMP-R•	441	B3801-••	407	B5416MP-A100150	490	BB••	108, 111
B2KMP-R••	441	B3801-••••	407	B54BMP-R••	490	BB••	33
B2KS-G••P	474	B38SL-G••	486	B54BMP-SK••	490	BB••EZ	33
B2KS-G••U	481	B38SL-R••	486	B54G-P••	490	BB3-•AG	203

Part Number Index

	Page #		Page #		Page #		Page #
BB3-AGMB	203	BFN	608	BMAS	309	BSB-T	781
BB3-MG	203	BFN	608	BMS	110	BSB-T	781
BB3-MGMB	203	BFN-NST	608, 660	BMS	110	BSB-Z	781
BB4	111	BFN75GHT	608	BMV	669	BSC	121
BBFVW	701	BFNE150	609	BMV	669	BSCCQ-R	494
BBFVW-E	701	BFNE150NST	609	BN	323, 613	BSCCS-R	494
BBLV	669	BFO	351	BN	334, 613	BSKTST-F	656
BBLV	133, 669	BFP200	662	BN	153, 334	BSKTST-S	656
BBU	111	BFS	338	BN	153	BSM	330
BBV	668	BFS	338	BN-BSPT	334	BSO150-H	609
BBV-DTW	683	BFSCN250C	616	BN-F	613	BSO150NST	609
BBV-DW	128, 681	BFSCN250L	616	BN-NYFD	613	BSO150S	609
BBV-DWV	128, 681	BFSCN250R	616	BN-RU	348	BSS	751
BBV-FP	668	BFVL	701	BN-RU	348	BST	278
BBV-LV	670	BFVL-E	701	BN-RU-SS	348	BST	278
BBV-SR	669	BFVW	701	BN-RU-SS	348	BTB-T	784
BBV-ST	670	BFW	339	BNH	121	BTB-T-Z	784
BBV-TW	683	BGB	108	BNH	121	BTN75	322, 614
BBV-VT	670	BGB	108	BNS	309	BU	111
BC	328	BGE6	155	BNS-SS	309	BU	111, 112
BC	35	BGE	155	BNT-F	609	BV2BV	690
BC-EZ	35	BGF	108	BNT-S	609	BV2BV	691
BC61-200	751	BGH	326	BOC-T	784	BV2CV-CC-A	503
BC62-200	751	BGHF	326	BPF	343	BV2F	149
BCC	444	BGHM	326	BPF	153, 343	BV2GG-CC-A	504
BCF	328	BGV	680	BPFS	343	BV2HG	686
BCM	328	BGV	680	BPM	346	BV2HG	687
BCN	133, 253, 330, 725	BH	41	BPM25	346	BV2IG-A	675
BCN	253, 330, 725	BH-EZ	41	BPN	343	BV2IG	688
BCP	751	BH6	71	BPN	343	BV2IG	689
BCV	153	BHSC	71	BR	352, 719	BV2M	149
BCW	480	BHSC34	71	BR-B	719	BV3BV-R	694
BD	111	BHT	723	BR-FS	719	BV3BV-R-B	695
BD	37	BI-150	591	BR-G	719	BV3IG-F	692
BD-EZ	37	BI-250	591	BR-SS	719	BV3IG-F-B	693
BDS	407	BIDC250	591	BRN150	613	BVFS	293, 703
BEC	738	BIDP250	591	BRN150NST	613	BW-F-PC	641
BF	334	BIF250	591	BRN150NST-I	613	BW10156S-PC	641
BF	334, 339	BIT-KIT	314	BRN150S-I	613	BW-AT	641
BF-SS	334	BK602	266	BS	112	BWSG	309
BF302E	498	BL	752	BS	287, 327, 659	BWSG-TI	310
BF302G-250-300	498	BL-NS	752	BS	751	BWSG-W	309
BF30A	498	BLCA152CS	73	BS	498	BZ4051	747
BF30B	498	BL-RK	752	BS	498	BZ4051S	747
BF30C	498	BL-RK	752	BS-N	287	Brute2	638
BF30D	498	BL-RK	752	BS-R	495		
BF30E	498	BLS	288	BS-01-R	495	C	372
BF30F-100-200	498	BLS	288	BS-09-U	495, 497	C	732
BF30G	498	BLS-NST	288	BS-R	495, 497	C	732
BFC	153	BLS-NST	288	BS-R	495, 497	C	776
BFC	153	BLT	739	BS-R	497	C-BU	732
BFL	339	BM	292, 337	BSB	781	C-BU	732
BFM	339	BM	292, 337	BSB	121	C-A	205
BFM-B	339	BM	292, 337	BSB	121	C-AMB	205
BFMW	339	BMA	329	BSB	781	C-M	205

Part Number Index

	Page #		Page #		Page #		Page #
C0...MMB	205	CF...CS	16, 17	CS...AL	14	D8...RBF	629
C11...A	265	CF...SS	16, 17	CS...CS	14, 15	D8...PBF	629
C11...AMB	265	CF400...CSDH	18	CS...SS	14, 15	D8...Y...RAF	629
C11...MMB	265	CFB...CF	610	CSB...	287	D8...Y...RAF	629
C11...M	265	CFB...NST	610	CSC-T..	785	D8...Y...RAS	629
C11...A	265	CFB...NYC	610	CSC-T....	785	DAA...AL	90
C11...M	265	CFB...NYF	610	CSCTF..F..T..	565	DAA...ALFL	90
C115BU	732	CFB...S	610	CSES...F	663	DAB..	756
C16...A	220	CFB...S	610	CSES...T	663	DAB..	756
C16...AMB	220	CFB75GHT	610	CSES2015F	663	DAC...AL	89
C16...M	220	CFFR150	612	CSM...	287	DAC...ALBSP	89
C16...MMB	220	CFFR150NST	612	CSN75	322	DADC250	90
C18...A	221	CFG...NST	610	CSS...CS	281	DADP250	89
C18...AMB	221	CFG...S	610	CSS...CS	281	DATL...	149
C18...M	221	CFR...	643	CSSR...	430	DATL...W	149
C18...MMB	221	CFR47-.....	643	CSSR...CS	431	DAWS..	756
C26...A	221	CFR47-.....	643	CSSTF..F..T..	564	DB..	109
C26...AMB	221	CFR47-C..	643	CSSTM..F..T..	564	DB..	109
C26...M	221	CFS800..CS	18	CT...L	366	DBA.....	92
C26...MMB	221	CG...	372	CTER...	430	DBA.....	92
C28...A	222	CGN...NST	615	CV...	703	DBAF.....	92
C28...AMB	222	CGN...TIP	615	CVS..	73	DBAF.....	92
C28...M	222	CGN...S	615	CWG-C-.....	780	DBAV73-2030	92
C28...MMB	222	CGSN...F	615	CWG-S-.....	780	DBC.....	91
C31...A	222	CGSN...S	615	CWH50	321	DBC.....GL	91
C31...AMB	222	CH-B..	73, 607	D..	133, 152, 685	DBCL...	91
C31...M	222	CH-B..	73, 607	D...	155, 161, 640	DBGV..	680
C31...MMB	222	CH-C..	73	D...		DBGV...	680
C31-08FRAME	134, 224	CH-SS..	73, 607	D....	150	DBS.....	91
C32112..	165	CH-SS..	73, 607	D.....	640	DBV-BL...	735
CA37118L	645	CI..	773	D.....F	640	DBV-BN...	735
CAB...	286	CI..	773	D...R	162	DBV-VB...	735
CAB...N	287	CI9311SML	773	D...S	162	DBV-WB400	735
CAL..	73	CI96AH	773	D...SL	162	DC..	139, 143
CAP...F-C	603	CILR...	430	D...U	163	DC..	139, 143, 144, 146, 157
CAP...F-C-LH	603	CL....	352	D...SC	685	DC...	139, 143
CAP...FABS	604	CL....-50	352	D150S-WAND	310	DC....	139, 140, 143, 144
CAP...S-C	603	CMF..	147	D150SDB	310	DC....L	139
CB	106, 109	CN	98	D18...M	223	DC...L	143, 144
CB6...AG	216	CN-P	98	D18...MMB	223	DC...LSE	141
CB6...AGMB	216	CN-PLUG	98	D201RT	156	DC...S	139
CB6...MG	216	CN...	253, 730	D204-30	154	DC...S	139
CB6...MGMB	216	CN...B	332	D204-30P	154	DC...SE	141
CBB...	286	CN...G	730	D204-30SB	154	DC...SE	141
CBC..	328	CN...SS	730	D263F	640	DCB..	140
CBSR...	430	CPV...F	532	D28-04MMB	223	DCB...	140
CC	109	CPV...S	532	D28-06MMB	223	DCB....	140
CC....	160	CR		D2C7-....	93	DCL..	772
CC....B	160	CR..	98	D75AL	685	DCM1	775
CCF....	118	CR-CAP	98	D8....RAF	629	DCP1	142
CCH50	321	CRWC	367	D8....RAS	629	DCP...	137, 138,
CD	111, 118	CS...	372	D8....RBF	629		142, 144, 146, 157
CDMHCB.....	560	CS...AL	14	D8....PBF	629	DCP...B	137, 138
CF...CS	16, 17	CS...CS	14, 15	D8...RAF	629	DCP..B	137
CF...SS	16, 17	CS...SS	14, 15	D8...RAS	629		

Part Number Index

	Page #		Page #		Page #		Page #
DCP...L	142	DFP...F...S	581	DMH...F-D	571	E7...A	251
DCP...L	138, 144	DFP...NYFD...NYFD	581	DMH...F...F	567	E7...A-MB	251
DCP...S	137	DFR...F	581	DMH...F...F-D	571	E7...M	251
DCP...S	138	DFR...F	581	DMH...F...NYFD	570	E7...M-MB	251
DCP...SWIV	136	DFVS...	300	DMH...NYC	570	EA4F...	387
DCP...SWIV	136	DG...	275	DMH...NYFD	570	EC...	738
DCS...	140	DG...	275	DMH...NYFD...NYFD	570	EK602...	266
DCS...	140	DG1000	275	DMH...NYFD...T	570	EK602...	266
DCS...	140	DG10000	275	DMH...S	567	EL...F...F	333, 720
DCS...F	553	DGA...SS	94	DMH...S-D	571	EL...H...M	336
DCS...F...	553	DGA...SS...	94	DMH...S...S	567	EL...H...M	336
DCS...F...	553	DGA...SSFL	94	DMH...T...S	567	EL...H...MSS	336
DCS4030NYFD	553	DGC...SS	94	DMH...T...T	567	EL215...90	294
DD	111	DGDC...	88, 94	DMOCA...F	551	EL315...45	297
DDA...AL	88	DGDP...	94	DMP...	569	EL315...90	297
DDA...AL...	88	DGH7	325	DMP...F	569	EL45...	722
DDA...AL...FL	88	DGH7C	325	DMP...F...S	569	EL45...	722
DDA...ALFL	88	DGH7CSS	325	DMP...F...T	569	EL90...	720
DDA...AL...TTMA	88	DGH7CV	325	DMP...S...T	569	EL90...B	720
DDA...BR	88	DGH7P	325	DMR...	569	EL90...FS	720
DDA...BRFL	88	DGH7PSS	325	DMR...F	569	EL90...G	720
DDA...GM	88	DGH7SS	325	DMR...F...S	569	EL90...SS	720
DDA...GM...	88	DGH7V	325	DMR...F...T	569	ENBG1	158
DDA...GM...FL	88	DGHW7	325	DMR...S...T	569	ENBL	98
DDA...GMFL	88	DGLBV...	681	DMXL...	293	ENBL-P	98, 102
DDA...SS	88	DGLBV...	681	DN...	169	ENBL-P...	102
DDA...SS...	88	DHR...	773	DN...	169	ENBL-PLUG	98
DDA...SS...FL	88	DHS......	780	DN7LOBF	755	ER...	639
DDA...SSFL	88	DHS...-...-	780	DN7UOBF	755	ER...	639
DDC...AL	87	DIN-SMS-60/90SP	454	DNOG6	756	ERJ	98
DDC...AL...	87	DIN-SMS90/155SP	454	DNOG6RB	756	ERJ-C	98
DDC...AL...TTMA	60, 87	DKC1	147	DP2-01...	229	ERS	98
DDC...BR	87	DL...	374, 387	DPW	684	ERS-C	98, 102
DDC...GM	87	DL...	374	DRC...	169	ERS-C...	102
DDC...GM...	87	DL...	365	DRC...	169	ERS-CAP	98
DDC...SS	87	DLB12	112	DRK15	775	ETP	774
DDC...SS...	87	DLS...	365	DRP-85-059	226		
DDC...SSFL	87	DM...	293	DSB...	300	F03-0...A	202
DDDC...	88	DM...	293	DSBV...	673	F03-0...AMB	202
DDDC300105	88	DM...	293	DSBV...	673	F03-0...M	202
DDDP...	87	DM...-...UC	625	DSCV...	704	F03-0...MMB	202
DDDP300105	87	DM...-...RAF	625	DSK...	775	F07...A	238
DDSA...SS	104	DM...-...RAS	625	DST...	300	F07...AC	237
DDSC...SS	104	DM...-...RAT	625	DSTW	778	F07...M	238
DDT1	775	DM...-...UC	625	DTW...	639	F07...MC	237
DEFN075	755	DM...-...RAF	625	DW...	776	F08-0...A	202
DFC...	169	DM...-...RAS	625	DWG050	311	F08-0...AMB	202
DFC...	169	DM...-...RAT	625	DWL100	778	F08-0...M	202
DFG...	161	DM150SDB	310	DX...	643	F08-0...MMB	202
DFH...-...-	659	DM...W...RAF	630			F...	368, 371
DFN...	755	DM...W...RAS	630	E...F...B	313	F1	371
DFN...F	755	DMH...	567, 729	E...F...S	313	F100	371
DFP...	581	DMH...-D	571	E...M...B	313	F128...	418
DFP...F	581	DMH...DR...	685	E...S...	313	F16-0...A	206
DFP...F-D	581	DMH...F	567	E...S...B	313	F16-0...AMB	206

Part Number Index

	Page #		Page #		Page #		Page #
F16-0•M	206	F64•	418	FCM••••	296	FM•••	711
F16-0•MMB	206	F64G••••	431	FCSB•••	287	FM••••	576, 711
F160•	418	F7	368	FCSM•••	287	FM••••F	576, 577
F16G••••	431	F72G••A	239	FD47-C2	644	FM••••F-D	580
F17••••A	240	F72G••A-MB	239	FD47I-150-100	644	FM••••T	576, 577
F17••••M	240	F72G••M	239	FFB•••	412	FM••F••F-D	580
F-ADFR••••	583	F72G••M-MB	239	FFC•••	412	FM••F••F	576, 577
F-ADFR••••F	583	F73G••A	239	FFH••••F	586	FM••F••NYC	579
F-AFC•••	603	F73G••A-MB	239	FFH••F••F	586	FM••F••NYFD	579
F-AFC•••F	603	F73G••M	239	FFH••F••S	586	FM••F••S	576, 577
F-AHA•••••	575	F73G••M-MB	239	FFH••••NYFD	586	FM••F••S-D	580
F175	371	F74C••A-MB	241	FFH••NYFD••NYFD	586	FM••F••T	576, 577
F18••••A	240	F74G••A	240	FFH••T••S	586	FM••F••T-D	580
F18••••M	240	F74G••A-MB	240	FFN•••	612	FM••••NYC	579
F18-0•A	206	F74G••M	240	FFN•••NST	612	FM••NYC••F	579
F18-0•AMB	206	F74G••M-MB	240	FFN••GHT	612	FM••NYC••T	579
F18-0•M	206	F74H••A-MB	241	FFS•••	412	FM••••NYFD	579
F18-0•MMB	206	F74V••A-MB	241	FGH••	320	FM••NYFD••F	579
F20•	418	F8	368	FHCS150	620	FM••NYFD••NYFD	579
F225	371	F80•	418	FHHR••	648	FM••NYFD••T	579
F229	371	F9	368	FHHR-C•	648	FM••S••	576
F23-04M	224	F96•	418	FHPR150	642	FM••S••F	576, 577
F24	368	FA••	737	FHPR150••••CBF	642	FM••S••F-D	580
F24•	418	FAB•••	286	FHPR2515	642	FM••S••T	576, 577
F24G••••	431	FAB•••N	287	FHR	662	FM••S••T-D	580
F26-0•A	206	FAK25P	778	FHR-C	646	FMBTFLY••F••F	548
F26-0•AMB	206	FAPRAV250F	527	FHR-C1	646	FMBV••F••F	546
F26-0•M	206	FAPRAVF•••	527	FHR-V•	646	FMBV••S••S	546
F26-0•MMB	206	FAPRAVG250•	527	FJB••••	782	FMF•••	710
F28	368	FAPRV•250	527	FJB••Z••	782	FMF••••	710
F28-0•A	207	FBB•••	286	FJC-T••	784	FMF•••••	710
F28-0•AMB	207	FBSO•••F	649	FJC45••••	783	FMF••••••	710
F28-0•M	207	FBSO•••F-PG	649	FJC45••Z••	783	FMGR••F••F	544
F28-0•MMB	207	FBSO•••S	649	FJC90••••	783	FMI3191012	297
F3	368	FBSO•••S-PG	649	FJC90-20Z-20	783	FMI31•••	297
F30-0•A	207	FBV••	671	FJR-T••	784	FMI319810	297
F30-0•AMB	207	FBV•••	671	FJS••••	782	FMR•••	711
F30-0•M	207	FBV••SE	672	FJS-20Z-20	782	FMR••••	711
F30-0•MMB	207	FBV••SE	672	FJS45••••	783	FMR318••	297
F311	368	FBVG••	672	FJS45-20Z-20	783	FMR318108	297
F32•	418	FBVG•••	672	FJS90••••	783	FMR3181210	297
F32G••••	431	FBVL••	671	FJS90-20Z-20	783	FMS•••	711
F35-0•AMB	207	FBVL•••	671	FL128••	418	FMS••••	711
F35-0•MMB	207	FC•••	601	FL160••	418	FN•••NST	611
F4	368	FC•••F	601	FL20••	418	FN•••S	97, 611
F40•	418	FC•••F••	601, 607	FL24••	418	FN600	96
F48•	418	FC212••	294	FL32••	418	FN600B	96
F48G••••	431	FC212••ST••	299	FL40••	418	FN600BL	96
F5	368	FC223••	294	FL48••	418	FN600B-PLUG	96
F550	371	FC310•	296	FL64••	418	FNB•••NST	611
F6	368	FC310••	296	FL80••	418	FNB75GHT	323, 611
F602••BJ	261	FC310•ST••	299	FL96••	418	FNB75GHT-GD	323, 617
F602••BJR	261	FC314•	295	FLC••••••	408, 409, 410	FNB75S	611
F602••WJ	261	FC314••	295	FLC••••••••	408	FNBE150NST	611
F602••WJR	261	FCB••	660	FLG•••E	737	FNBE150S	611

Part Number Index

	Page #		Page #		Page #		Page #
FNG***NST	611	FS***C**	392	FX1500SP	96	G200-C**	77
FNG***S	611	FSA****F	594	G10	65	G200-C**CR	13
FNPSO***F**	650	FSA****S	594	G100*	739	G200-C-ALSI	77
FNPO***S**	650	FSA****T	594	G100-A**	77	G200-D**	78
FNS	97	FSB	97	G100-AA-AL	80	G200-D-ALSI	78
FNS2	97	FSCV**	703	G100-B**	77	G200-DC**	79, 92
FNSID	97	FSCV***	703	G100-C**	77	G200-DD**	80
FO*	368	FSGLBV**	681	G100-C**CR	13	G200-DP**	79, 91
FO**	368	FSGLBV***	681	G100-D**	78	G200-E**	78
FO***	368	FSGR***F	544	G100-DC**	79	G200-E**CR	13
FOS*	368	FSGV**	680	G100-DP**	79	G200-F**	78
FOS**	368	FSGV***	680	G100-E**	78	G200BL	735
FOS***	368	FSGV***F	541	G100-E**CR	13	G200E	739
FP**	602	FSGVR***F	542	G100-F**	78	G200T	739
FP***F	602	FSH*****	636, 637	G100-F**CR	78	G200V	739
FP***F**	602, 607	FSH*****F	636	G100HRP	79	G200VB	735
FP209**	295	FSH*****F	637	G100HRPSS	79	G2030-AA-AL	80
FP308**	297	FSH*****NS	636	G1200*	739	G2457-00	705
FP308*	297	FSHV***F	543	G125-A**	77	G250-A*	77
FP475S	616	FST**	284	G125-B**	77	G250-A-ALNST	593
FP500A	616	FST***	284	G125-C**	77	G250-B**	77
FP500B	616	FST**CS	20, 64, 284	G125-D**	78	G250-B-ALNST	593
FP600F	602	FST***F	656	G125-DC**	79	G250-C**	77
FR-CAP	96	FST***S	656	G125-DP**	79	G250-D**	78
FR-RS	96	FSTP-LD**F	658	G125-E**	78	G250-D-ALNST	593
FR-RS**	96	FSTP-LS**F	658	G125-F**	78	G250-DC**	79, 92
FR3C*025	558	FTSP-SD**F	658	G125250HRPSS	79	G250-DP**	79, 91
FR3C6025F	558	FSTP-SS**F	658	G150-A**	77	G250E	739
FRA	96	FSW*	620, 652	G150-A-ALNST	593	G250-E**	78
FRA-C	96	FT**	722	G150-AA-AL	80	G250-F**	78
FRC4025-D	557	FT***	722, 768	G150-B**	77	G250-F-ALNST	593
FRC4025F-D	557	FT***FS	722	G150-B-ALNST	593	G250T	739
FRC6025	557	FT**G	722	G150-B-ALSI	77	G300-A**	77
FRC6025F	557	FT***G	722	G150-C**	77	G300-AA**	80
FRC6025NYFD	557	FT**B	722	G150-C**CR	13	G300-B**	77
FRP***	148, 226, 235	FT**SS	722	G150-C-ALSI	77	G300-B-ALSI	77
FRR-T**	785	FT***SS	722	G150-D**	78	G300-C**	77
FRRE-T**	785	FT600C	768	G150-D-ALNST	593	G300-C**CR	13
FRS	96	FT600S	768	G150-D-ALSI	78	G300-C-ALSI	77
FRS-C	96	FT600SC	768	G150-DC**	79	G300-D**	78
FRSGX**	779	FT601-10	768	G150-DC-ALSI	79	G300-D-ALSI	78
FRSGX***	779	FT620S	768	G150-DP**	79	G300-DC**	79
FRT****	723	FTH100	779	G150-E**	78	G300-DC-ALSI	79
FRV250	543	FVFA**	300	G150-E**CR	13	G300-DD**	80
FRX	96	FVL**	300	G150-F**	78	G300-DP**	79
FRX-C	96	FVS**	300	G150-F-ALNST	593	G300E	739
FRXCAP	96	FVSP**	300	G150E	739	G300-E**	78
FS*	368	FW**	419	G150T	739	G300-E**CR	13
FS**	368	FWV**F**F	546, 652	G1520-AA-AL	80	G300-F**	78
FS***	368	FWV**F**S	652	G152HRP	79	G300400HRPSS	79
FS*****	391, 392	FWV**S**S	546, 652	G152HRPSI	79	G300BL	735
FS*****	391, 392	FX1500	96	G200-A**	77	G300T	735, 739
FS*****	391, 392	FX1500P	96	G200-AA**	80	G300V	739
FS*****	391, 392	FX1500PLUG	96	G200-B**	77	G300VB	735
FS***C**	392	FX1500S	96	G200-B-ALSI	77	G3020**AL	80

Part Number Index

	Page #		Page #		Page #		Page #
G3020-...AL	80	G600-DP..	79	GF..P.	107	GS...-4	269
G3050	768	G600E	739	GF111P.	107	GS...-4	269
G32.....	705	G600-E..	78	GF26-1	106	GSAFETYCLIP	79
G34HRP	79	G600-E..CR	13	GFAS.	107	GSS...	271
G34HRPSI	79	G600-F..	78	GFAS..	107	GSS...-4	271
G400-A..	77	G600HRP..	79	GFN150	612	GSS....	271
G400-AA-AL	80	G600HRP	79	GFN150NST	612	GSS...-4	271
G400-B..	77	G600T	739	GFR..	97	GSS10000	271
G400-B-ALSI	77	G600V	739	GFR..	97	GSS10000-4	271
G400BL	735	G75-A..	77	GFR1..	97	GSTC.	280
G400-C..	77	G75-B..	77	GFR1..	97	GSTC..	280
G400-C..CR	13	G75-C..	77	GGH..	320	GV-HDWHL	542
G400-C-ALSI	77	G75-D..	78	GH....	110	GV-KNOB	542
G400-D..	78	G75-DC..	79	GHC7	329	GWDGV250F	534
G400-D-ALSI	78	G75-DP..	79	GHGN	324	GWH....	350
G400-DC..	79, 92	G75-E..	78	GHV	324	GWH-C	350
G400-DC-ALSI	79	G75-F..	78	GHY	324	GWHC-FF	350
G400-DD-AL	80	G75HRP	79	GHYV	324	GWHZ..	350
G400-DP..	79, 91	G75HRPSS	79	GIBFV...	738		
G400E	739	G800..-AL	77	GJ..	112	H..	734
G400-E..	78	G800E	739	GL...	133, 269, 274	H...	427, 734
G400-E..CR	13	G800T	739	GL...FG	270	H....	424, 426
G400-F..		G800V	739	GLBR..	272	H..BU	734
G400N	735, 739	G9	65	GLBR...	272	H...BU	734
G400T	735, 739	GAM.	117	GLBR....	272	H...Y..SZ	634
G400V	739	GAM..	117	GLBR..-4	272	H...Y..UC	634
G400VB	735	GAS...-NO	67, 284, 712	GLBR...-4	272	H...R..RBS	634
G4030..-AL	80	GAS...-NOS	69, 282, 419	GLBR...-4	272	H...-BU	426
G4030-DA-AL	80	GAS...-TO	419	GLBR100004	272	H...R...RAF	633
G500-A..	77	GAW	619	GLBRC..	272	H...R...RAS	633
G500-B..	77	GB.	106	GLBRC...	272	H...R...UC	633
G500-C..	77	GB..	106	GLBRC....	272	H...R..PBF	633
G500-D..	78	GB6-1	106	GLP...	273	H...-A	424, 425
G500-DC..	79	GBA..	112	GLS...	273	H...-BU	424
G500-DP..	79	GBB..	112	GLSC...	273	H...-A-BU	424, 425
G500E	739	GBC	106	GLSS..	271	H...-NST	424
G500-E..	78	GBR..	268	GLSS...	271	H...-L-A	425
G500-F..	78	GBR...	268	GLSS....	271	H...-L-A-BU	425
G500T	739	GBR....	268	GLSS10000	271	HA....	572
G540-DA-AL	80	GBRW..	274	GLSSC...	272	HA...-D	580
G50-A..	77	GBRW...	274	GM.	106	HA...-F	572, 660
G50-B..	77	GBRW30R	274	GM..	106, 133	HA...-F-D	580
G50-C..	77	GBR4000	274	GMAS.	107	HA...-T	572
G50-D..	78	GC...	269	GMAS..	107	HA...-T-D	580
G50-DC..	79	GCA	106	GMC	106	HA..F..S	572
G50-DP..	79	GCC	106	GNB75GHT	323, 617	HA..NYC..	578
G50-E..	78	GDB.	106	GNW.	713	HA..NYC..F	578
G50-F..	78	GDB..	106	GNW..	713	HA..NYC..T	578
G52..	424	GDF.	112	GNWP.	713	HA..NYFD..	578
G600-A..	77	GDF..	112	GNWP..	713	HA..NYFD..F	578
G600-B..	77	GDL.	112	GNWP...	713	HA..NYFD..NYFD	578
G600-C..	77	GDL..	112	GPA...-...	227, 228, 230-235, 774	HA..NYFD..S	578
G600-C..CR	13	GF.	106	GROOVLUB32	739	HA..NYFD..T	578
G600-D..	78	GF..	106	GS..-4	269	HA..S..	572
G600-DC..	79	GF...	106			HA..S..F	572

Part Number Index

	Page #		Page #		Page #		Page #
HA•S•S	572	HGVW250-W	536	HTBG••	157	IXAN••	429
HA•S•T	572	HGVW250F	536	HTBG-CT	157	IXF•••	423
HA•T•F	572	HGVW250NYFD	536	HTBG••EXT	157	IXFDPLG•••	428
HA•T•S	572	HH30145	660	HTM•••	366	IXFS••	429
HA0•••	430	HHA••••	578	HTSW	618	IXFS32-3A	429
HA1•••	572	HHCI	346	HTW••P	413	IXH••	422
HA1••••	572	HHD••P	413	HTW••T	413	IXHC•••	422
HA1515ADP	66, 592	HHD••T	413	HU•••••	706	IXHCG•••	422
HA1576-D	580	HHP••M	330, 726	HU••••••	707	IXM••	422
HA15F25___1	572	HHTP	662, 773	HU••••••BW	706	IXMS••	429
HA15NYFD15T	578	HN	99	HU••••••BW	707	IXPE32-3A	428
HA15NYFD76	578	HN•M•M	331, 725	HU••••••N	22, 23, 24	IXSE••	429
HA20S25___1	572	HN••SS	730	HU••••••RN	24	IXSE••••A	428
HA20T25___1	572	HN•••SS	730	HUC207400	26	IXV••	422
HA2525ADP	66, 592	HNBGH••	326	HUF••••••CS	22	J••	112, 374, 387
HA25S25___1	572	HNBGHF••	326	HUF206400FLG	25	J•••	73
HAB•••EZ	43	HN-P	99	HUF206400FLG-45	25	J844•••B•••	201
HAC•••EZ	43	HN-PLUG	99	HUF206400FLG-ST	25	J844•••BL•••	201
HAD•••EZ	43	HP•	366	HUFALL•••CS	22, 23	J844•••R•••	201
HB•••	283, 727	HPBV••	412, 678	HUM••••••CS	22, 23	JS•••	370
HB••••	133, 718	HPBV•••	412, 678	HUM206400FLG	25	JX49	374
HB••••B	718	HPBV••SAE	412, 678	HUM206400FLG-45	25	K•	369
HB••••FS	718	HPBV••SS	412, 678	HUM206400FLG-ST	25	K••	369
HB••••G	133, 718	HPFN150	608	HUMF••••••CS	22, 23	K311	369
HB••••SS	718	HPFN150NST	608	HUP207400	26	KB12	106, 109
HB•F•M	133, 331, 718	HPSG	314	HWH50	321	KHN•••	285
HBC•S	370	HPSG•	314	HWH50-75	321	KLW•	289, 291
HBC•S	370	HPSGHD	314	HY•	388	KLW••	289, 291
HC30143	660	HR	99	HY••	388	KM••	293
HC90	353	HR-C	99	IA••TP	774	KM•••	293
HC90RB	353	HR-CAP	99	IB•••	33	KNW•	291
HD•••	388	HR••••	165, 648	IBFVW•••	701	KNW••	291, 750
HD•••F	536	HR•••••	165, 648	IBR••••	352	KRH••	320
HDBF75	684	HRC•••	388	IBV••	678	KRH100	320
HDE••	422	HS•	363	IBV•••	678	KRN••••	285
HDPE•••	733	HS••	363	IBV50BOV	774	KRN•••	285
HDPE•••BU	733	HS•••	363	IC•••	35	KRW•	291
HDSSF75	684	HS•••AL	754	ICL••••	352	KRW••	291
HFN-P•	102	HS•••SS	754	ID•••	37	KRW••••	291
HFN•••	608	HS••Y	364	ID••TC	774	KS•	369
HFN•••NST	608	HSR••	647	IH•••	41	KS••	369
HFN•••NYFD	608	HSR25-24	647	IH6	71	KS••••	369
HFR-C•	102	HSRC••	647	IH600	41	KS•••••	369
HGB100NST	611	HSRC25-24	647	IHC•••F	607	KS311	369
HGB100S	611	HST••	278	IHC250NYFD	607	KSV•••••	151
HGCFB•••NST	610	HST••P	413	IHSC152	71	KSW••	132
HGCFB150S	610	HST••T	413	IHSC34	71	KVW••	291, 750
HGG100NST	611	HSTBC•••	377	IRC4025	557	L••	732
HGG100S	611	HSTBC••••	377	IRC4025F	557	L•••	732
HGV-HDWHL	540	HT•DC	384	IRC4025G	557	L••••	736
HGV-KNOB	540	HT•F•	384	IRC4025GF	557	L••BU	732
HGV250	537	HT•OF•	384	ISCS4025F	552	L•••BU	732
HGV250-H	537	HTBC•••	377	ITD••	783		
HGV250F	537	HTBG	157	ITDH	783		
HGV250F-D	537	HTBG•	157				

Part Number Index

	Page #		Page #		Page #		Page #
L0-0•A	204	LCJS••••	772	M26-0•M	208	MIU•••	719
L0-0•AMB	204	LCLD	772	M28-0•A	208	ML•••	148
L07-•••A	238	LCTS•	771	M28-0•M	209	ML•••M	148
L07-•••AC	237	LCTS14	771	M30-0•A	209	MLS••	288
L100-•-SS	27	LDC•2	152	M5834F	325	MOC•••F••	565
L100-••-SS	27	LDC2	152	M5834HM	325	MOC•••NYC-P	565
L1110-L2287	743	LFV••	672	M5834M	325	MOC•••NYFD-P	565
L14AM7-G••	435	LFV••	672	M74••••••	406	MOCA•••F	551
L14AM7-G•••	435	LHC95	353	MA•••	286	MOCA•••F••	551
L14AM7-G••••	435	LHC95RB	353	MA•••N	287	MP••••	297
L14AM7-R••	435	LHFS400F	592	MAH•	363	MP•••••	295, 297
L14AM7-R•••	435	LHFS4045F	592	MAH••	363	MPB•••••	782
L14AM7-R••••	435	LHW	65, 620	MB•••	286	MPB-20Z-20	782
L14AM7V-R•••	467	LJ•••	714	MBV••	681	MPC•••••	782
L14AM7X-R•••	468	LJ••••	714	MC••••	295, 296	MPC-20Z-20	782
L16-0•A	217	LLBV2515F	539	MC•••••	294, 295, 296	MPC-T••	784
L16-0•AMB	217	LM••-	421	MC••••ST••	299	MPR-T••	784
L17-•••A	247	LM••••-	421	MC••••ST•••	299	MPS•••••	782
L17-•••APX	248	LOCKINGDEVICE	600, 665	MCH50	321	MPS-20Z-20	782
L17-•••D	250	LOCKINGDEVICE6	600, 665	MCM••••	296	MRCH••	731
L18-0•A	218	LP••	70, 110, 373	MCM••••XL	296	MRCH•••	731
L18-0•AMB	218	LP••••	70, 110, 373	MCS•••	287	MRV250	543
L200-•-SS	27	LPB••	110	MD••••T	640	MS••••T	640
L200-••-SS	27	LR30••	298	ME•••	113, 115	MS•X•	110
L26-0•A	218	LR30•••	298	ME•••••	115	MS•X••	110
L26-0•AMB	218	LR7	73, 120	ME••••••	113, 114	MS••X•	110
L28-0•A	219	LRP••••••	232	ME•••F-1	115	MS••X••	110
L28-0•AMB	219	LS••	367	ME•••FS-1	115	MSA••••F	596
L30-0•A	219	LS•••	367	ME•••S	113, 114	MSA••••S	596
L30-0•AMB	219	LSS••	367	ME•••S••	115	MSA••••T	596
L40-OAA	220	LSS•••	367	ME•••S•••	113	MSBC•••SS	84
L40-OAAMB	220	LV•N•D	225	ME109-NH3-1	115	MSBC•••SSFL	84
L40-OBA	220	LV•NAD	225	ME3162-32B	114	MSBC•••SSMNPT	84
L40-OBAMB	220	LW•••••	780	ME3162-32S	114	MSP-95-989	226
L50-OCA	220	M•	110	ME502-12/8	113	MSP•••	317
L50-OCAMB	220	M••	110	MEP120B	114	MSP4PAK	317
L606-••B	264	M•••••RAF	622	MEW•	114	MT•••	277
L606-••W	264	M•••••RAS	622	MF200	148	MT••••	735
L72C-•	249	M•••••RAT	622	MFB•••	412	MT•••••	735
L72C-•MB	249	M•••••AMB	210	MFC•••	412	MT••••••	735
L72M-•	246	M•••••GAX	623	MFS•••	412	MTP-95-•••	226
L72M-•MB	246	M•••••KAF	623	MGC•	364	N••	713
L73C-•	249	M•••••KAS	623	MGC••	364	N•••	713
L73C-•MB	249	M•••••RAF	622	MGC•••	364	N••CS	21, 713
L73M-•	246	M•••••RAS	622	MH•	363	N••NO	713
L73M-•MB	246	M•••••RAT	622	MH••	363	N•••F••F	568, 574, 582
L73M-•MBPX	248	M•••••UC	622	MH4Y	364	N•••F••G	574
L74C-•	249	M•••••UC	622	MIC••	724	N•••F••S	574
L74C-•MB	249	M16-0•A	208, 774	MIC•••	724	N•••F••T	574, 585, 588
L74M-•	247	M16-0•M	208, 774	MICAP••	724	N•••G••F	574
L74M-•MB	247	M18-0•A	208	MICAP•••	724	N•••G••S	574
L74M-•MBPX	248	M18-0•M	208	MICAP••G	724	N•••S••F	574, 588
LAVA221	775	M20412	295	MICAP•••G	724	N•••S••G	574
LB•••	130	M26-0•A	209	MIRU7550	718	N•••S••S	568, 574, 582, 585
LCJS•••	772			MIU••	719		

Part Number Index

	Page #		Page #		Page #		Page #
N...S•T	574, 588	P••	339	PLUG••F-C	604	PRC	642
N...T•F	568, 574	P1A....	238, 251	PLUG••S-C	604	PRC-SPANISH	642
N....•F•F	663, 664	P3-TFG•	740	PM•	127	PRN••F	642
N....•F•FLR	664	P3-TFG••	740	PM••	127	PRN••F-C	642
N....•F•FSR	664	P8A....	252	PM12SS	127	PRWB	642
NAPRV••F••	524	PAP250	606	PMB••	127	PS403	226
NAPRAVF....	524	PBC250	606	PMB8	127	PS417B	227, 230
NAPTAVGFT....	526	PBLSS••	270	PML•	127	PS743	267
NAPRAVGT....	526	PBLSS•••	270	PML••	127	PSM....	159
NAPRVF....	525	PBLSS••••	270	PML••FS	128	PSN76	323
NAPRVFT....	526	PEDF200	684	PML12SS	127	PSNP....•X•	566
NAPRVG....	525	PEDF75	684	PN••	617, 651	PSNP••NST	566, 666
NAPRVGT....	526	PF•	127	PN•••	711	PSNP••NYC	566, 666
NCS-FDFS....	657	PF••	127	PN....	711	PSNP250NYC	566, 666
NCS-FDSTZ••	657	PF12SS	127	PN15F	617, 651	PSNP250S	566, 666
NCS-LL••F	655	PFB8	127	PNB75GHT	322	PSW	618
NCS-LL••SZ	655	PFC....	605	PNS••	711	PSW•	618
NCS-LLSJ••FF	655	PFCW••	605	PNS....	711	PT•••	277
NCS-LLJS-FS	655	PFCW••C••	605	POLYHA15S15F	580	PTH....AG	238
NCS-LLSJ••SZF	655	PFCW••F	605	POLYHA2515	580	PTLS10040	705
NCS-LLSJ••SZS	655	PFCW••F-Y	605	POLYHA2515F	580	PTLS7540	705
NF....RAQT	653	PFCW250NYC	605	POLYHA2520T	580	PTP	774
NF.....RAQT	653	PFCW250NYF	605	POLYHA2576	580	PTTF150F	651
NF...Y•GHT	653	PFCW250QST	605	PP250F	606	PTTF150S	651
NF...Y•RAF	653	PFCW250WCT	605	PP•VEU•MG	305	PU....	159
NF...Y•RAS	653	PFD••	159	PP•VFC•MG	305	PV-HDWHL	544
NF307Y50GHT-KIT	653	PFL12	127	PP•VFE•MG	304	PV-KNOB	544
NFSGX••	779	PFL12FS	128	PP•VMC•MG	305	PV•••	679
NFSGX•••	779	PFL12SS	127	PP•VME•MG	304	PVFP••	679
N-FTVLST-20F	654, 659	PFL8	127	PP•VTEU•MG	305	PVFP•••	679
N-FTVLST-20S	654, 659	PFL8FS	128	PP•VUC•MG	305	PVFPN••	679
NG••	715	PFN....	651	PPA••	81	PVFPS200	678
NIPPLE/1	742	PFBN••S	611	PPA•••	81	PVFPSA200	678
NORG74DISPLAY	236	PFNB••NST	611	PPB••	82	PVN200	679
NPT••TC	774	PG700	158	PPB•••	82	PW••F•F	536
NST••TC	604	PGH100	321	PPC••	82	PW••S•S	536
NV•F	152	PGH50	321	PPC•••	82	PW••B••RAF	630
NV4M	152	PGS••	268	PPCF••	355	PW••B••RAS	630
NW••	713	PGS•••	268	PPCM••	355	PW••B••RBF	630
NW•••	713	PGS1000	268	PPD••	82	PW••B••RBS	630
NZ....	317	PHFA-B-A	652	PPD•••	82	PWH••	320
NZ....S	317	PHFA6	652, 660	PPDV75	538, 663	PWH100	320
NZ6540QCS	317	PHL•	127	PPE••	81	PYLS....	705
NZMMEG5P....	317	PHL••	127	PPE•••	81		
NZMQC5P....	317	PHL••FS	128	PPF••	81	QB•	124, 125
		PHL••SS	127	PPF•••	81	QB••	124
O••BU	23, 61, 746	PHL••WF	128	PPH••	82	QB•••	125
OA••	351	PHLB••	127	PPH75	82	QB•WF	126
OCT32	711	PHW	619	PPLSS••	358	QB••WF	126
OCTOE32	711	PIN5/16X1¼-P	743	PPM•	358	QBCAP	126
OCTOES32	711	PIN5/16x11/4P	742	PPN••	283, 354	QBM•	125
OCTS••	711	PL•••	130	PPN•••	354	QM•	124, 126
O-RING-AS-334	743	PL400L	130	PPP•••	81	QM••	124
		PL400LWF	130	PPP75	81	QM•••	125
P•	339	PL400WF	130	PPSO....	650	QM•WF	126

Part Number Index

	Page #		Page #		Page #		Page #
QM•WF	126	R18-C05R	242	R515•••RAF	631	RD•••••	640
QMCAP	126	R18-C05RG	242	R515•••RAF/F	631	RD•••BL	37
QSS•	124	R1AAAS-A	424, 425	R515•••RAF/F	631	RD•••EZ	37
QSS••	124, 125	R1AAS-A	424, 425	R515•••RAS	631	RD•••EZHD	37
QSS103	125	R1•S-A	424, 425	R515•••RAS	631	RD253F	640
QTF••••-F	654	R21-0•R	211	R515•••RAS/F	631	RDA••••BL	45
QTF75GHT-F	654	R21-0•RG	211	R515U•••CBF	632	RDA••••EZ	45
QTG-F	654	R25••	424	R515U•••CBF/F	632	RDA90600EZ	49
QTM••••-F	654	R25•AL-A	425	R515U•••RAF	631	RDD•••EZ	46
QTM75GHT-F	654	R25•SS-A	425	R515U•••RAF/F	631	RDD•••EZ	46
QTX150-F	654	R26-0•R	212	R515U•••RAS	631	RDL•••EZ	52
		R26-0•RG	212	R515U•••RAS/F	631	RDM•	293
R•	339	R26-0•RH	214	R64P•LJR••	420	RDM••	293
R••	339, 734	R26-0•RHG	214	R64P•SOR••	420	RDWBPST•••EZ	57
R•••	100, 101	R28-0•R	213	R72G•-R	242	RDWSP•••EZ	57
R••••	100, 101	R28-0•RG	213	R72G•-RG	242	RE•••••••	67
R••BU	734	R2••	424	R72M•-R	243	RE•••BT	56, 440
R•••BU	734	R2•AL-A	425	R72M•-RG	243	RE•••NO	68
R•••SS	72	R2•AS	424	R75•AS	424	RE•••SE	440
R•••CAP	101	R2•SS-A	425	R75AAAS	424	RE•••PF	66
R•••PLUG	100, 101	R3••	424	R75AAS	424	REL••••	721
R03-0•R	202	R30-0•R	213	R83-200R	243	REP•••••	559
R03-0•RG	202	R30-0•RG	213	R8PSS	420	REP•••AS	559
R07••••R	238	R30-0•RH	215	R91-221RG	244	REP•••AS••	559
R07••••RG	238	R30-0•RHG	215	R96P•LJR••	420	REP•••SP••	559
R07••••RGC	237	R30•AR	213	R96P•SOR	420	REP400AS/SP	559
R08••R	203	R30•RG	213	RA••	329	RES••	290
R08••RG	203	R30•ARH	215	RA•••	329	RES••	290
R11••••RG	243	R30•ARHG	215	RA•F•M	331, 725	RFC••	601
R11••C	263	R32P•LJR••	420	RAGG•••••	737	RFC•••F	601
R11••CG	263	R32P•SOR••	420	RAGG•••••	737	RFC•••F••	601
R11••••RG	243	R364-02C	263	RAM•	116	RFP•••F	602
R119••C	263	R364-02CG	263	RAM••	116	RFP•••F-C	602
R119••CG	263	R3AAAL-A	425	RAM6WF	119	RFST••	284
R125•S-A	424, 425	R3AAAS	424	RAM7T	119	RFST•••	284
R125AAS-A	424, 425	R3•AL-A	425	RAS••	329	RFST•CS	20,284
R125ES	424	R3•AS	424	RB••	108, 111	RG••••	298
R125ES-A	425	R3AASS-A	425	RB•••BL	33	RG•••••	295
R12P•	420	R3•SS-A	425	RB•••EZ	33	RGB•	108
R12P••••	420	R40-0••	213	RB3-0•R	203	RGB••	108
R1375••	424	R40-0•••	213	RB3-0•RG	203	RGF••	108
R15••	424	R40-0••••	215	RBU••	111	RGF••P•	107
R15•S-A	424, 425	R43••••RG	244	RC•••BL	35	RH•••BL	41
R15AAAS-A	424, 425	R46••••R	148, 243	RC•••BLNO	35, 68	RH•••EZ	41
R16-0•R	212	R46••••RG	148, 243	RC•••BT	56, 440	RHA••••	573
R16-0•RG	212	R48P•LJR••	420	RC•••CEZ	70	RHA••••F	573
R16-0•RH	214	R48P•SOR••	420	RC•••EZ	35	RHA••••F-C	573
R16-0•RHG	214	R4•SS-A	425	RC•••EZ-20	67	RHA••••T	573
R16P•	420	R504••••	329	RC•••EZ-70	67	RHA••S••	573
R16P••••	420	R515•••CBF	632	RC•••EZCR	12, 35	RHA••S••F	573
R17••••R	242	R515•••CBF	632	RC•••EZNO	35, 68	RHA••S••T	573
R17•••RG	242	R515•••CBF/F	632	RC•••EZPF	66	RHA••T••F	573
R18-0•R	212	R515•••CBF/F	632	RC•••SE	440	RHC••	720
R18-0•RG	212	R515•••RAF	631	RC•F•F	331, 719, 726	RHC••B	720
				RD•••	640	RHC••FS	720

Part Number Index

	Page #		Page #		Page #		Page #
RHC...G	720	RST...NOS	282, 419	SC...NL	600	SGH..	320
RHC...SS	720	RST..PF	283	SC400ABS	600	SGH......	320
RHEZ...	72	RSTB..	279	SCCW...	375	SGH...	320
RHEZ34	72	RSTB..CS	20	SCCW....	375	SGP...	600
RHEZ6	72	RSTV..	279	SCM..	147, 698	SGS...	70, 373
RHN...SS	730	RSTV..CS	20	SCS4025F	552	SGS...-NL	600
RHS...	300	RTCA..	58	SCS4025F-D	552	SGV...	541
RHSC...	71	RTW150	639	SCS4025NYFD	552	SGV...F	533
RIC150F	551	RV250	543	SCV...	411	SGVF...	533
RJT...SP	455	RWDGV250F	535	SCVH.	135	SGV......	541
RK...	160	RWDGV3025F	535	SCVH..	135	SHC....	375
RK....	267	RWF..	108	SCVJ6	135	SHCP	375
RK602MD	266			SCVL.	135	SHP..	724
RKB605WB	267	S..	286	SCVL..	135	SHP...	724
RKHN881	290	S...	286, 287	SCVM.	135	SHP...B	724
RKR..Y	267	S....	539	SCVM..	135	SHP...FS	724
RLP..	70, 110, 373	S.....	640	SCVR6	135	SHP...G	724
RM.	292	S.....F	640	SCVS.	133, 135	SHP...SS	724
RMA...	329	S....S	539	SCVS..	135	SHS..	296, 300
RMS.	110	S..N	287	SCVV400	532	SIC250F	551
RMS..	110	S....X...X...CS	19	SD..	289	SIC250F-C	551
RN..	290, 713	S6175-H	539	SDA...	72	SIC250F-P	551
RN...	290, 713	S7100-15	539	SDMP..	289	SJBV...	547
RN..CS	21, 713	S7100-15S	539	SDS...	72	SJSS.....-20	501
RN...NO	284, 712	SA15Y57	267	SE....	721	SK..	289
RNB150NST	610	SA161X57	267	SE....B	721	SK1098	362
RNB150S	610	SA200.W57	266, 267	SE....FS	721	SL..	123
RPA......	229, 230, 235	SA4050AL	747	SE....G	721	SL...	611
RPN..	343	SA600Y7-1	266	SE....SS	721	SL....	122
RRH15168	640	SA602MD	266	SE.F.M	333, 721	SL...CR	122
RRH15168F	640	SAEB.....	782	SE45...	133, 722	SL075GHT	611
RRHS..	300	SAEC.....	782	SE45...G	722	SL...NST	611
RRP......	229, 230, 235	SAF.......	266	SEGC...	780	SLP1	123
RS....	640	SAHW	618	SEGS...	780	SLR.	123
RS....F	640	SAP.	279	SF.....	717	SLS.	106
RSDM..	289	SAP..	279	SF...F	584	SLS...	288
RSDR25	289	SAR10Y57	267	SF...F-C	584	SM....	587
RSE....F	663	SB..	286	SF...F-D	586	SM...F-D	590
RSE....F-C	663	SB...	286	SF...F-P	584	SM...NYC	587
RSF...F	584	SB..N	287	SF...S	584	SM...NYFD	587
RSF..F..T	584	SBC-E300CC13	445	SF...NYFD	584	SM..F..F	587
RSFSA250F	589	SBC-E300TP13	461	SF...NYFD-C	584	SM..F..T	587
RSFSA..F..T	589	SBC...AL	85	SF...NYFD-P	584	SM..F..T-D	590
RSHR20	289	SBC...ALFL	85	SF..F..T	584	SM..S..F	587
RSK..	289	SBC...ALMNPT	85	SF..F..T-D	586	SM515W50RAF	630
RSM....	587	SBC...SS	85, 115	SF..NYFD..T	584	SM515W50RAS	630
RSM..F..T	587	SBC...SSFL	85	SFBFLY....F	548	SMB...	600
RSMSA250F	589	SBC400ALTMA	766	SFC...	411	SMB....	600
RSMSA..F..T	589	SBCS	121	SFC....	411	SMV...	411
RSS..	300	SBDV..	532	SFMF....	710	SN..	322
RST.	278, 290	SBG	121	SFMF.....	710	SN...	411
RST..	278, 290	SBV...	545	SFSA....F	595	SN....	411
RST....	282	SBV....	545	SFSA....S	595	SO...	714
RST..A	279	SC...	375	SFSA30-4040F	597	SO....	714
RST..CS	20	SC....	375	SG...	372	SOE..	723

Part Number Index

	Page #		Page #		Page #		Page #
SOE...	723	STC•	278	SZW2	621	TCS....F-NB	554
SOR...	714	STC••	278	SZW2-NL	621	TCS....F-SP	554
SOT••	723	STC•••	278	T•••	714, 736	TCT••	59
SOT•••	723	STC••••	282	T••••	714, 736	TES•••••	783
SP••	298	STC••A	279	T16AMP•••••PL	523	TETF4AL	54, 770
SP•••	295, 298	STC••CS	19, 20, 22, 23, 64	T16AMP•••••PM	523	TETFG4AL	54, 770
SPA•••	777	STC175200	282	T16AMP••••PL	523	TF••	355
SPA••••	777	STC-180•-R••	492	T16AMP••••PM	523	TF••WF•-80	417
SPF•••	411	STC-360-R••	492	T16W••••PL	523	TF32WF•-80	417
SRH360CMP••••	491	STC40CSHD	22, 23	T16W••••PM	523	TFK	185
SRH360NPT••••	491	STC-RK••	492	T2CM••••PL	519	TFS••	354
SS•••	109, 289, 372	STFC•	312	T2CM••••PM	519	TFV•	149
SS•••••	559	STFC••	312	T2CMP••••PL	519	TFV••	149
SS••••••	378	STFC•SS	312	T2CMP••••PM	519	TFV2HB	149
SS•••••••	396, 398	STFP•	313	T2KM••••PL	520	TG••	417
SS••••••••	396, 398	STFP••	313	T2KM••••PM	520	TG•••	417
SSA••	309	STFP•B	313	T2KMP••••PL	520	TG96-42	418
SSA••••	598	STFP•SS	313	T2KMP••••PM	520	TGL••	417
SSA30•••	598	STMC•	312	T2KS••••PL	519	TGL•••	417
SSB•••	372	STMC••	312	T2KS••••PM	519	TGL96-42	418
SSBV••	673	STMC•SS	312	T2S••••PL	519	TGR••	417
SSBV•••	673	STMP•	313	T2S••••PM	519	THB••	355
SSBV•••SR	675	STMP••	313	T3114MP•••••PL	522	THN••	283
SSBV•••TW	683	STMP•B	313	T3114MP•••••PM	522	TL14AM7•••PL	435, 523
SSC••	328	STMP•SS	313	T31W•••••PL	522	TL14AM7•••PM	523
SSCAP••	724	STR•••••	708, 709	T31W•••••PM	522	TLFS••	357
SSC-T••	785	STR6648	709	T3214MP•••••PL	522	TLS••	357
SSC-T••••	785	STV••	279	T3214MP•••••PM	522	TLSS••	358
SSCF••	328	STV•••	279	T32W•••••PL	522	TLT••	357
SSCM••	328	STV••CS	19, 20	T32W•••••PM	522	TM•	292, 358
SSE••	778	STW•••	639	T7MP••••PL	521	TM••	292, 358, 417
SSGV••	680	SUBV••	679	T7MP••••PM	521	TM••••	418, 419
SSGV•••	680	SUBV•••	679	T7RWWW•••••PL	520	TM••••	417, 777
SSLBV••	674	SUBVN100	680	T7RWWW•••••PM	520	TM•••••	777
SSLBV•••	674	SV••	151, 162	T7WWM••••PL	521	TML••	417
SSLBV•••SP	674	SV•••	133, 151	T7WWM••••PM	521	TML•••	417
SSPM•	346	SV•••HD	151	T7WWMS••••PL	521	TML••••	418
SST••	156, 723	SV•••SS	151	T7WWW••••PL	520	TMR••	417
SST•••	723	SW••	291, 621	T7WWW••••PM	521	TMR••••	418
SSV•••	549	SW•••	66, 291,	T7WWW••••PL	520	TMR••C	417
SSV••••	549		566, 639, 660, 666	TA•••	356	TN	99
SSVJ••	550	SW•••F	566, 639, 666	TA••••	777	TN••	354, 355
ST•	278	SW1530	621	TA••••F	356	TN•••	354
ST••	278	SWB-2	621	TBC••	376	TN••••	354
ST•••	278, 656	SWB-S••	621	TC••	353	TN-P	99
ST••••	372	SW-S400	621	TC-1000	353	TN-PLUG	99
ST••PF	283	SWCV••	704	TC97RB	353	TN••X•	731
STB•	279	SWCV•••	704	TCF•	356	TN••X•B	332
STB••	279	SWDS	308	TCF••	355	TN••X•SS	731
STB•••	279	SWDSHOSE••	308	TCM••	355	TP••	417
STB••CS	20	SWG300-4	661	TCMR-T••	784	TP•••	417
STBC•••	376	SWMF•••	754	TCN••	359	TP96-42	418
STBC••••	376	SWMF-RK•	752, 754	TCR-T••••	784	TPF••	360
STBC•••L	377	SWMF-RK••	752, 754	TCS••••F	554	TPG	592
STBC••••L	377	SWRG80-250-4	661			TPL••	417

Part Number Index

	Page #		Page #		Page #		Page #
TPL...	417	UPPT	614	WDGV250NYFD	534	XSO-4D4*-0A	698
TPM•	292, 360	UPPT...	614	WDGV3025F	535	XSO-4S4*-0A	698
TPN••	360	USBG	121	WDH••BK••GAX	624		
TPP140	319	USW	618	WDH••BK••KAF	624	Y...	704
TPR••	417			WDH••BK••KAS	624	Y10075	119
TPR96-42	418	VEP•DC-A	385	WDH••BK••RAF	624		
TPS•	359	VEP••DC-A	385	WDH••BK••RAS	624		
TPS••	359	VEP•F•	385	WDH••BK••UC	624		
TPX•	359	VEP•F••	385	WDN150	608		
TPX••	359	VHC...	386	WDN150NST	608		
TR	99	VHC...	386	WDS1	308		
TR-C	99	VHC...	386	WDSR	308		
TR-CAP	99	VHC...B	386	WF•	109		
TR...	714	VHCN...	386	WF••	109		
TRW7	323, 359	VHN...	386	WF...	109		
TSA••	356	VHN...	386	WF26-1	109		
TSE••	357	VHN...B	386	WH...	72, 300		
TSS••	301	VMIL...	571	WHYD...F	533		
TSSS...	358	VN.....	738	WILK26DISPLAY	236		
TSST...	358	VNR.....	738	WM•	109		
TTA••	771	VR...	743, 747	WM••	109		
TTA50LP	771	VR...	743	WN••	711		
TTASS	771	VR...CS-AL	55, 769	WN...	715		
TTB••	771	VR...L	748	WN1000	715		
TTB100	771	VR4040CSRK•	769	WOC-T••	784		
TTBP50	771	VR4086-BY	747	WP•HAS••	563		
TTC•	359	VR6200NP	743	WP•HSP••	563		
TTC50	771	VRC3000AL	55, 769	WP2H...••	563		
TTF•AL••MT	53, 62, 716, 766	VT	97	WP2H-ASSP••	563		
TTF•AL••FT	53, 62, 716, 766	VT•	97	WP3H•-ASSP-C	563		
TTF400SP	53, 62, 716, 766	VTT	97	WP3HH-PT••	563		
TTF4AL-4EMT	53, 62, 716, 766	VTX-9	97	WP3HSP••	563		
TTFS4AL-FP50	61			WP3HV-PT-P	563		
TTFS4SS	61	W•	109	WS••DC-A	383		
TTFST35CS	21	W••	108, 109	WS••F••	383		
TTFST40CS	21, 64	W•...-U	389	WS••F••-BOP	383		
TUN...SS	719	W•...-U	389	WSB••	781		
TUN...FS	719	W•...••	389	WSB••...••	781		
TUN...G	719	W•...•••	389	WSB••T	781		
TUN...SS	719	W•...•••	389	WSB-12T-50	781		
TUN•F	330, 719	W•...••••	389	WSB-20Z	781		
TVPC200-300	515	W74D-2A-		WSR•	131		
TVS7-30	323	W74D-2A-MB32	252	WSR•SS	131		
TVW7	323, 359	W74D-2A-MB7	252	WSR1C	131		
TYP2501••	157	WA•	131	WSR1E	131		
		WA2B	131	WSS••	365		
U...	306, 307	WA2SS	131	WTB-T••	784		
U....	307	WA4FL••X.....	26	WTB-T••Z	784		
UDC••	146	WB•	131				
UDC....	146	WB1C	131	X0•-0•	211, 225		
UHGV250-W	537	WB1SS	131	X0•-0•MB	211, 225		
UHGV250F	537	WBC	109	X27	374		
UHGV250F-D	537	WD40	772	X51-02	225		
UPP250F	614, 660	WDGV...F	534	XLS...0120P	698		
UPP250S	614	WDGV...S	534	XPO-E•F	698		

Limited Warranty

DIXON VALVE AND COUPLING COMPANY (herein called "Dixon") warrants the products described herein, and manufactured by Dixon to be free from defects in material and workmanship for a period of one (1) year from date of shipment by Dixon under normal use and service. It's sole obligation under this warranty being limited to repairing or replacing, as hereinafter provided, at its option any product found to Dixon's satisfaction to be defective upon examination by it, provided that such product shall be returned for inspection to Dixon's factory within three (3) months after discovery of the defect. The repair or replacement of defective products will be made without charge for parts or labor. This warranty shall not apply to: (a) parts or products not manufactured by Dixon, the warranty of such items being limited to the actual warranty extended to Dixon by its supplier; (b) any product that has been subject to abuse, negligence, accident, or misapplication; (c) any product altered or repaired by others than Dixon; and (d) to normal maintenance services and the replacement of service items (such as washers, gaskets and lubricants) made in connection with such services. To the extent permitted by law, this limited warranty shall extend only to the buyer and any other person reasonably expected to use or consume the goods who is injured in person by any breach of the warranty. No action may be brought against Dixon for an alleged breach of warranty unless such action is instituted within one (1) year from the date the cause of action accrues. This limited warranty shall be construed and enforced to the fullest extent allowable by applicable law.

Other than the obligation of Dixon set forth herein, Dixon disclaims all warranties, express or implied, including but not limited to any implied warranties of merchantability or fitness for a particular purpose, and any other obligation or liability. The foregoing constitutes Dixon's sole obligation with respect to damages, whether direct, incidental or consequential, resulting from the use or performance of the product.

Some products and sizes may be discontinued when stock is depleted, or may require a minimum quantity for ordering.

Limits of Liability

This catalog is intended as a product offering. It is not intended to be a user or technical manual. Information in this catalog is subject to change without notice. All users and distributors of products sold through this catalog should contact Dixon with questions of use, compatibilities, coupling procedures and life of product. Dixon's full-time engineering and test staff is always available to recommend uses and to assist distributors and users with any questions.



Safety



Safety logos, which appear throughout our catalog, are used as a reminder that the user should carefully review for the appropriateness of the product for the media, application and environment in which it will be used.

NOTE: Because of the health hazards associated with contamination and lead content in drinking water systems, Dixon couplings, unless otherwise specifically approved, are not recommended for potable water service and should not be used in applications where drinking water will contact the wetted surfaces of the coupling.

Warning: Dixon products may contain chemicals known to the State of California to cause cancer, birth defects, or other reproduction harm.

Copyright

Copyright © 2014 by Dixon Valve and Coupling

All rights reserved. This book is copyrighted material. Use, reproduction or copying of it by anyone other than Dixon is strictly forbidden without its express written consent.

A	King Crimp pages 12-21
B	Boss LPS pages 22-27
C	Cam & Groove pages 28-83
D	Dry Disconnect Fittings pages 84-102
E	Boss Fittings pages 103-112
F	Air Fittings, FRL's, Gauges pages 113-277
G	Shank / Water Fittings pages 278-307
H	Garden Hose & Washdown pages 308-329
I	Brass Fittings pages 330-351
J	Plastic Fittings pages 352-360
K	Clamps pages 361-377
L	Hydraulic Fittings pages 378-413
M	Holedall Fittings pages 414-431
N	Sanitary Fittings pages 432-517
O	BioPharmaceutical Fittings (BPE) pages 518-523
P	Fire Fittings pages 524-667
Q	Valves pages 668-705
R	Pipe & Welding pages 706-739
S	Tank Truck pages 740-759
T	Swivels & Rack Equipment pages 760-770
U	Maintenance & Repair pages 771-780
V	PTFE Hose & Fittings pages 781-786
W	Safety & Technical pages 790-852

United States

Albany, NY
ph 518.725.0998
178A Corporate Drive
Gloversville, NY 12078
fx 518.725.8542

Atlanta, GA
ph 770.486.9619
101 T.D.K. Boulevard
Suite A
Peachtree City, GA 30269
fx 770.486.9813

Dallas, NC
ph 704.334.9175
2925 Chief Court
Dallas, NC 28034
fx 704.334.9002

Chestertown, MD
ph 800.355.1991
800 High Street
Chestertown, MD 21620
fx 800.283.4966

Chicago, IL
ph 630.323.3716
40 Chestnut Avenue
Westmont, IL 60559
fx 630.323.4120

Cleveland, OH
ph 330.425.3000
1900 Enterprise Parkway
Twinsburg, OH 44087
fx 330.425.1527

Houston, TX
ph 713.678.4291
6525 Homestead Road
Houston, TX 77028
fx 713.678.8105

Kansas City, MO
ph 816.221.0064
1244 Saline Street
N. Kansas City, MO 64116
fx 816.221.1108

Los Angeles, CA
ph 909.605.6400
8840 Flower Road
Suites150/160
Rancho Cucamonga, CA 91730
fx 909.605.6200

Portland, OR
ph 503.289.0400
2642 North Marine Drive
Portland, OR 97217
fx 503.289.0600

Salt Lake City, UT
ph 801.972.1180
McGillis Ind. Pk. Bldg., #4
1972 South 4370 West
Salt Lake City, UT 84104
fx 801.972.8063

Tampa, FL
ph 813.247.3500
5120 Adamo Drive
Suite E
Tampa, FL 33619
fx 813.247.7910

International

Edmonton, Alberta, Canada
ph 780.469.5444
fx 780.463.9205

Innisfil, Ontario, Canada
ph 705.436.1125
fx 705.436.6251

Montreal, Quebec, Canada
ph 514.422.9292
fx 514.422.0166

Wingfield SA, Australia
ph 61.8.8202.6000
fx 61.8.8202.6099

Preston, England
ph 44.1.77.232-3529
fx 44.1.77.231.4664

Troisdorf-Spich, Germany
ph 49.2241.84406.0
ph 49.2241.8440679

Monterrey, Mexico
ph 52.81.8354.5649
fx 52.81.8354.8197



The Right Connection®

Dixon
ph 877.963.4966
fx 800-283-4966
dixonvalve.com



dixonvalve.com



customer service

