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Uncommon Excellence™  
1916 - 2016



The Right Connection®

# 2016

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The Right Connection®

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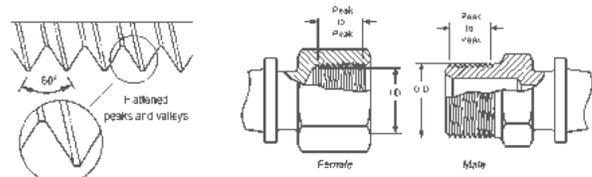
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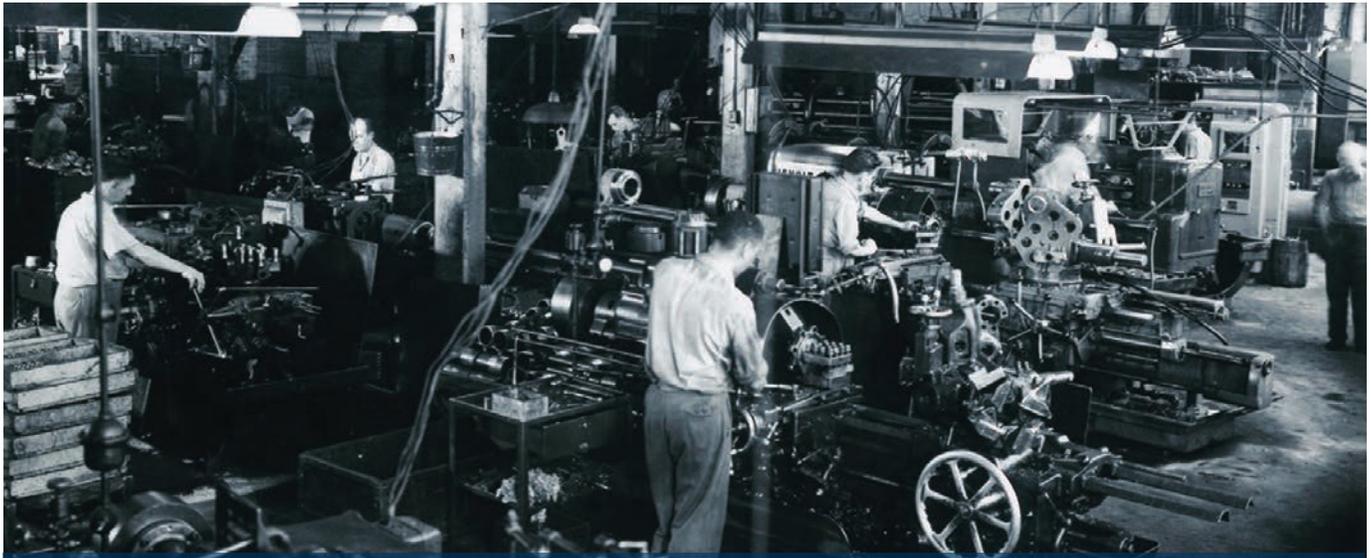
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# DIXON Celebrates 100 Years of Uncommon Excellence™

**I**t's a momentous milestone few privately owned companies ever reach: In 2016, Dixon celebrates its 100th anniversary.

Headquartered in Chestertown, MD, with distribution centers around the globe, Dixon has grown to become a leading innovator in the hose coupling industry. However, the heart of the company and its success is the work ethic and founding philosophy of the man who created Dixon on March 21, 1916. Howard W. Goodall and his vision and drive still inspire the men and women of Dixon today.

"I am convinced that we are successful because we've always had leaders who value the contributions of employees at all levels," says CEO Richard L. ("R.L.") Goodall, grandson of Howard W. ("H.W.") Goodall. "It's about treating people right—about applying the Golden Rule, with both our customers and our employees. It's really that simple."

Dixon President Bob Grace, who has been with the company for a quarter of its 100-year run, says, "It's the people we've had at Dixon over those 100 years who have made the company so successful." Though Dixon has grown from a single plant in downtown Philadelphia to a thriving business with manufacturing and distribution centers spread across four continents, its founding values have never wavered, he says. These values continue to infuse every level of the company today, from the factory floor to a far-flung distribution site in Perth, Australia.

Grace points to the "Six Pillars" of character—trustworthiness, respect, responsibility, fairness, caring and citizenship—as being central to the company's mission of uncommon excellence. "It's very reassuring to know that these are the values we live by here at Dixon," he says. "They aren't just words on a paper. We live and breathe the Six Pillars."

**"They aren't just words on a paper. We live and breathe the Six Pillars."**

-Bob Grace, President



In 1887, with an eighth-grade education, 15-year-old H.W. Goodall quit school to take a job as a general clerk and errand boy for Philadelphia rubber distributor, Latta & Mulconroy Company. As the son of a cabinetmaker, he loved to tinker and was soon designing hose



**H.W. Goodall, founder**

couplings and clamps as accessories to Latta & Mulconroy's hose line. With Mulconroy's blessing, H.W. promoted the new couplings to a few accounts. When Goodall requested permission to expand Mulconroy's business model and introduce his products to the region's leather tanning industry, Latta refused—and fired the ambitious young man.

Goodall saw the setback as an opportunity. He went on to found the Goodall Rubber Company and the Knox Manufacturing Company to manufacture and sell hose and couplings. He was more than an astute inventor and engineer—he was a gifted salesman who recognized the importance of asking industry leaders what products they needed to do their jobs better. In an age before airplanes made travel easy, he crisscrossed the country, visiting every major construction site he could locate, identifying its hose and coupling needs, and then manufacturing the necessary products.

On March 21, 1916, armed with firsthand knowledge of the needs of the United States' growing mining, oil drilling, construction and railroad industries, H.W. Goodall founded Dixon Valve & Coupling Co. in Philadelphia, PA. Eight years later, urged to slow down for health reasons, he sold the Goodall Rubber Co.—he previously had sold the Knox Co.—to concentrate exclusively on Dixon.

As the company grew, it moved several times to

larger locations, eventually settling in 1929 at Hancock and Columbia Avenues in Philadelphia. That year, and for the next 15 years, the largest selling item in the Dixon line was rotary hose couplings, a high-pressure fitting used in oil drilling. Early items in the product line, which remain Dixon products today, were Boss™ couplings, King™ single and double bolt hose clamps, air hammer couplings, suction couplings, Air King™ universal couplings and King™ combination nipples. Prior to World War II, Dixon promoted and sold these basic products while continually adding new hose fittings and accessories. The products listed below are a few Dixon firsts:

- Ground Joint Boss™ and air hammer couplings
- Air King™ malleable iron universal coupling with safety locking features
- Steel King™ combination nipples
- Plated hose fittings
- Dredge sleeve clamps
- Steel hose menders
- Boss-lock™ cam and groove

On October 12, 1934, Dixon opened its first international distribution center, in Canada (Dixon Group Canada Ltd.) This successful investment has since expanded to four locations throughout Canada.

In 1940, some half a century after he had launched his career at Latta & Mulconroy Co., H.W. Goodall led Dixon's purchase of the company (at that point known as the Mulconroy Co.) and incorporated its products into the Dixon line as Holedall™ couplings.

With brisk sales and ongoing innovation, the future looked bright for Dixon. But the advent of World War II, which transformed the business landscape across the country, threw a wrench in the wheel of the company's expansion.



Many Dixon products fell under the federal government priority system and were used by industry and the military in the war effort. Before long, Dixon manufacturing facilities were used almost entirely for military contracts. The largest was to produce 380,000 fuse plugs for anti-aircraft shells, which were run on a brand new six-spindle automatic screw machine, the only one in the Philadelphia area at the time. Since Dixon was forced to adhere to the government's wartime

manufacturing priorities, the company could no longer supply standard product to its commercial hose distributor base.

During this time, a former Dixon sales manager created a partnership and started the Hose Accessories Company, later known as Le-Hi Valve and Coupling Company. With Dixon production going almost 100 percent to the military, Le-Hi Valve was able to make large inroads into the company's distributor business.

When the war ended, all the government contracts dried up—seemingly overnight. Thousands of Dixon couplings sat gathering dust at the Columbus Depot and would eventually be sold by the government for commercial use.



**R.B. Goodall, President & COO** assumed more leadership in the company as his father slowed down.

It would take fresh energy and vision to rebuild the company's customer base. Fortunately, Richard B. ("R.B.") Goodall, son of H.W. Goodall, was up to the task. The Virginia Military Institute graduate, who also held a degree from Babson College, gradually

In 1951, H.W. Goodall became ill while on a sales trip to California and died 10 days after his return. R.B. Goodall became president and chief operating officer. Dixon continued to grow and prosper under his leadership, and much of what the company is today can be attributed to his long range thinking and understanding of the industrial hose and fitting business. He was known as being a leader who would listen to employees and offer encouragement. "His door was always open," recalls son R.L.

In 1952, Dixon purchased Buck Iron Company located in Lancaster, PA. Eventually, this company became a major source of malleable iron, brass, aluminum and ductile castings for Dixon. Buck Company is now a leading U.S. jobbing foundry with the capability to produce medium and long run orders in a wide variety of ferrous and non-ferrous metals.



**Buck Iron Company, Lancaster PA**

During the 1950's, Dixon pioneered the use of non-metallic hose fittings. The Tuff-Lite™ line of nylon fittings was revolutionary in the industry and has been successful in agricultural, food and medical applications.

Beginning in the 1960's and continuing today, Dixon has demonstrated its commitment to customer service by broadening its distribution efforts. Until that time, it could take days, sometimes weeks, to ship products to customers across the country. The Dixon management team recognized the wisdom of establishing distribution centers—warehouses that could be stocked with products—at locations across the country (and later around the world). With this breakthrough, customers could be assured of prompt and efficient delivery of whatever they needed to keep their businesses rolling.

During these years, Dixon leaders also began forging partnerships with other manufacturers, a move that enabled Dixon to offer its customers important products—such as worm gear clamps—that weren't being made in-house. Though Dixon would continue to manufacture most of the products it sells, the company did begin marketing a limited number of hose fittings and accessories made by other manufacturers.

By 1976 Dixon had outgrown its Philadelphia facilities, so the business moved to a 10-acre location in Chestertown, Maryland—the site of a former pickling plant. Some 15 employees and their families moved with the company to the picturesque waterfront community on Maryland's Eastern Shore.

Dixon entered the cam and groove market in 1980 by applying for a patent for the Boss-Lock™, a fitting with a safety-locking handle. In 1985, the assets of the



**Dixon corporate headquarters, then and now, Chestertown, MD**

Andrews Division of Parker Hannifin were purchased, thus providing Dixon with the Andrews line of cam and groove fittings.

The company's international footprint also broadened during this period, with the opening in 1981 of Dixon Adflow Ltd. (now Dixon Group Europe) in Preston, United Kingdom (today's European locations also include facilities in Germany, France and Russia).

Dixon further expanded its mix of products into the hydraulic and pneumatic quick disconnect coupling market, in 1993, by purchasing the Perfecting Coupling Company (now Dixon Quick Coupling). The acquisition of Dixon Quick Coupling also provided additional manufacturing and warehouse facilities; currently a 170,000 square foot facility.



**Doug Goodall, Vice President of Operations and brother R.L. Goodall, CEO**

R.B. Goodall passed away in 1994 after 65 years with the company. Sons R.L. (President) and Douglas (Vice President of Operations) took over to become the third generation to lead Dixon.

In 1996, Dixon made a significant move by expanding to the Land Down Under, with the purchase of Australian manufacturer Minsup. Now known as Dixon Asia Pacific, the company has expanded its

product offering to include fire protection products and has grown to incorporate six locations across Australia.

Other acquisitions quickly followed. In 1999 the purchase of American Couplings Company (now Dixon Brass) added manufacturing of brass hose fittings to the company's capabilities. That year also saw the acquisition of Bayco Industries and a merger with the already present Dixon operation in Canada. The U.S. operation became Dixon Bayco. This purchase expanded the company's product line to include petroleum and dry bulk fittings, overfill protection and accessories.

Dixon extended its reach into the food and beverage market in 2000 with the addition of Bradford Fittings (now Dixon Sanitary). A full line of 304 and 316L stainless steel fittings used in the food, dairy, beverage, cosmetic, pharmaceutical and industrial markets became available to Dixon distributors.

In 2001, Richard L. Goodall became CEO, and Lou Farina was named president, the company's first non-family member to hold the position. Under their leadership, Dixon global expansion continued on January 22, 2003, with the creation of Dixva, a distribution and sales operation in Monterrey, Mexico. In 2004, the company created Dixon Fire to serve the fire protection industry; and in 2006, it added more brass fire hose fittings to its line with the acquisition of Powhatan.

In April 2006, Dixon continued to fulfill its goal to provide quality Dixon products to the global community by opening a sales office in



**Lou Farina, first non-family member President**

St. Petersburg, Russia. With the vast increase in product offerings has come a strategic decision to establish sales offices and distribution sites in locales all over the world. In addition to Australia, Mexico, and Russia, Dixon today has a presence in Europe, China, India, Singapore and the Middle East.

"We've set ourselves apart in delivery by getting things quickly to our customers. That's part of our vision." says Taylor Goodall, great grandson of H.W. Goodall. "Customers have come to rely on Dixon to carry the inventory they need, and in most cases they can get what they need the same day or the very next day. Looking ahead, we will continue to find new ways to increase the speed of our delivery."

President Bob Grace, like other key members of the company's management team, spends a significant amount of time traveling to the company's far-flung facilities. "While we do a fair amount of video conferencing, you can't replace the face-to-face," Grace says. "It's so important to spend time with Dixon employees, going over business plans, letting them know just how important they are to the company."



**Bob Grace, President**

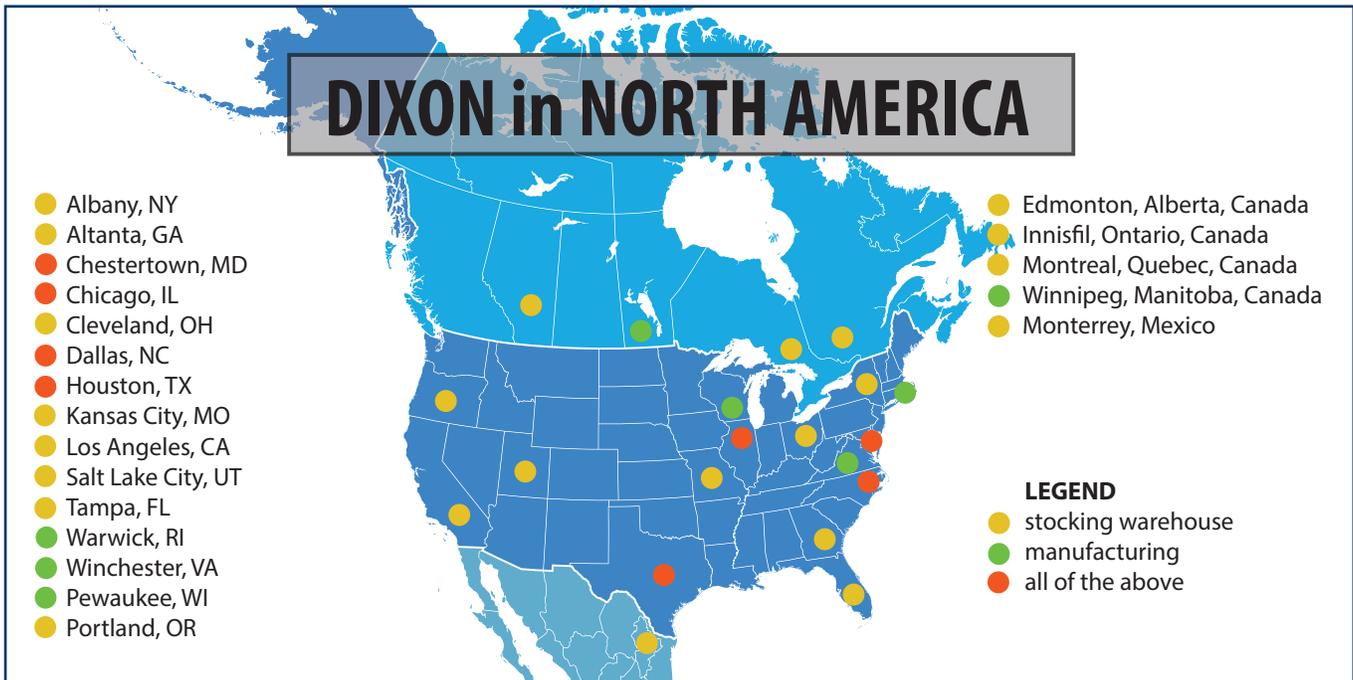
**"We've set ourselves apart in delivery by getting things quickly to our customers. That's part of our vision."**

- Taylor Goodall, Vice President

And that personal connection is extended to Dixon customers, says Scott Jones, Vice President for Sales and Marketing. "We want Dixon to be the easiest company to do business with and we're not going to compromise," he says. "When a customer calls a Dixon phone number, they'll get a live person who picks up the phone within the first two rings. It all goes back to our core mission: We are 'wrapped around' our customers."

In 2010, when Bob Grace became president, Dixon set forth a strategic plan to reinforce its commitment to developing new products, focusing on North American manufacturing. This included continuing to make the "core" products that had served the company so well over the years, while adding innovative new products that the industrial hose market needed. A year later, Dixon acquired Northline Couplings Systems, absorbing it into the Dixon Fire product line.

In 2012, Dixon acquired Eagle America (now Dixon Eagle), a bellows seal valve manufacturer for critical applications. That same year, the company opened its 12,000-square-foot Innovation Center. Dixon committed itself to focusing outside sales efforts on face-to-face visits, and then funneling ideas and



"As long as we focus on people, product and service, everything else will fall into place and we will achieve **uncommon excellence.**"

- R.L. Goodall, CEO

challenges back to the Innovation Center, where Dixon engineers welcome the challenge of coming up with creative solutions. To support their work, the center houses technologically advanced machine tools, testing equipment and computer-aided design using SolidWorks modeling and simulation. In addition, the Innovation Center conducts training sessions for Dixon distributors and end-users in a large, interactive training facility suitable for serving groups up to 50 people.



Dixon Innovation center opened 2012.

In recent years, the energy market has become a key area of focus at Dixon. The company has developed and acquired products that fit into every level of the petrochemical lifecycle: Boss™ Low Pressure System products for exploration, bellows seal valves for refineries, and API valves and dry disconnects for the terminals. Additionally, Dixon has also expanded its offering in the food and beverage industry to include pumps and valve actuation.

Today, a century after Dixon's founding, the company continues to promote the perfect blend of core hose accessories and solutions-based engineered products—a strategy that effectively positions Dixon to be a world leader in fluid transfer solutions.

What does the future hold for Dixon? Grace predicts continued growth and reinvestment in the company's infrastructure. "What's more," he says, "we'll continue to focus on North American manufacturing, which is very

important to us, and we'll continue to innovate ever-more sophisticated ways to manufacture, mostly through automation."

CEO R.L. Goodall emphasizes the importance of staying focused on the company's founding mission—the mission his grandfather set out back in 1916. "We know about manufacturing hose couplings. We must continue to be the best at that," Goodall says. "As long as we focus on people, product and service, everything else will fall into place and we will achieve uncommon excellence."

## DIXON FACTS:

Number of North American manufacturing jobs **792**

**2,800** small parcel shipments per day to US customers

**930** customers trained in a Dixon Academy Workshop since 2014

**97%** of orders ship same day

More than **28** million AM6's sold since the 1920's

**1,662** employees worldwide

Dixon Driller published **98** years

# DIXON TIMELINE



**1916** H.W. Goodall founded Dixon Valve & Coupling



**1929** Headquarters in Philadelphia, PA



**1951** Aquired Buck Foundry



**1976** Moved headquarters to Chestertown, MD



**1993** Aquired Perfecting Service Company now Dixon Quick Coupling



**1999** Aquired American Coupling Company now Dixon Brass

- 1975 aquired Adflow, now Dixon Group Europe
- 1980 patented Boss-Lock™ cam and groove
- 1985 aquired assets of Le-hi Andrews
- 1994 brothers Richard and Doug Goodall become the third generation to lead Dixon
- 1996 aquired Minsup now Dixon Asia Pacific
- 1997 EZ Boss-Lock™ cam and groove introduced
- 1999 aquired Bayco Industries now Dixon Bayco

- 2000 aquired Bradford Fittings now Dixon Sanitary
- 2001 Richard L. Goodall became CEO
- 2001 Lou Farina became president
- 2005 BOSS magazine launched
- 2006 sales office opened in St. Petersburg, Russia
- 2006 aquired Powhatan
- 2010 Bob Grace became president
- 2011 aquired Northline Coupling Systems
- 2012 Eagle America aquired, now Dixon Eagle



**2003** Began operation in Mexico with the opening of Dixva



**2004** Dixon Fire created



**2012** Dixon Innovation Center opened



**2014** S.O.S. Van released

**2014** Vent-Lock™ introduced





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."**<sup>1</sup>

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.

<sup>1</sup> "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 ID, 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 807). 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 807). 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.



### Boss™ LPS



Vent-Lock™ safety EZ Boss-Lock™  
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Vent-Lock™ safety accessories  
page 28

### Cam and Groove

**Look for our  
Game Changing teaser  
on page 30!**



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High pressure full bore 3-way ball  
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American made PTFE tape  
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## 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.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



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"	<b>100-C-AL</b>	<b>\$27.30</b>	<b>100-C-BR</b>	<b>\$62.05</b>	<b>100-C-SS</b>	<b>\$79.30</b>	---	---
1½"	<b>150-C-AL</b>	<b>34.75</b>	<b>150-C-BR</b>	<b>83.60</b>	<b>150-C-SS</b>	<b>96.60</b>	---	---
2"	<b>200-C-AL</b>	<b>37.95</b>	<b>200-C-BR</b>	<b>105.90</b>	<b>200-C-SS</b>	<b>114.25</b>	---	---
3"	<b>300-C-AL</b>	<b>60.00</b>	<b>300-C-BR</b>	<b>189.00</b>	<b>300-C-SS</b>	<b>198.70</b>	<b>300-C-MI</b>	<b>\$87.00</b>
4"	<b>400-C-AL</b>	<b>81.60</b>	<b>400-C-BR</b>	<b>238.00</b>	<b>400-C-SS</b>	<b>336.00</b>	<b>400-C-MI</b>	<b>112.20</b>
6"	<b>600-C-AL</b>	<b>195.95</b>	<b>600-C-BR</b>	<b>814.90</b>	<b>600-C-SS</b>	<b>548.00</b>	<b>600-C-MI</b>	<b>210.00</b>

### 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 78-79.



*Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use. See pages 31 and 76 for further specifications.*



Hose ID	316 Stainless Steel	
	Part #	Price
1"	<b>RC100EZCR</b>	<b>\$110.80</b>
1¼"	<b>RC125EZCR</b>	<b>154.50</b>
1½"	<b>RC150EZCR</b>	<b>115.00</b>
2"	<b>RC200EZCR</b>	<b>125.50</b>
3"	<b>RC300EZCR</b>	<b>210.00</b>
4"	<b>RC400EZCR</b>	<b>315.00</b>
6"	<b>RC600EZCR</b>	<b>599.00</b>

### Dixon™ Type E Adapters male adapter x hose shank



Pressure rating is based on the seal of the mating part. See ratings on page 32



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"	<b>100-E-AL</b>	<b>\$14.60</b>	<b>100-E-BR</b>	<b>\$40.85</b>	<b>100-E-SS</b>	<b>\$51.00</b>	---	---
1½"	<b>150-E-AL</b>	<b>20.25</b>	<b>150-E-BR</b>	<b>62.95</b>	<b>150-E-SS</b>	<b>72.35</b>	---	---
2"	<b>200-E-AL</b>	<b>24.20</b>	<b>200-E-BR</b>	<b>86.85</b>	<b>200-E-SS</b>	<b>76.35</b>	---	---
3"	<b>300-E-AL</b>	<b>38.85</b>	<b>300-E-BR</b>	<b>142.25</b>	<b>300-E-SS</b>	<b>141.50</b>	<b>300-E-MI</b>	<b>\$53.20</b>
4"	<b>400-E-AL</b>	<b>70.95</b>	<b>400-E-BR</b>	<b>243.00</b>	<b>400-E-SS</b>	<b>278.00</b>	<b>400-E-MI</b>	<b>86.35</b>
6"	<b>600-E-AL</b>	<b>147.70</b>	<b>600-E-BR</b>	<b>624.00</b>	<b>600-E-SS</b>	<b>554.00</b>	<b>600-E-MI</b>	<b>184.80</b>

## 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 78-79.



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"	<b>G100-C-ALCR</b>	\$14.05	<b>G100-C-BRCR</b>	\$31.00	<b>G100-C-SSCR</b>	\$36.60
1½"	<b>G150-C-ALCR</b>	19.45	<b>G150-C-BRCR</b>	47.25	<b>G150-C-SSCR</b>	55.45
2"	<b>G200-C-ALCR</b>	22.95	<b>G200-C-BRCR</b>	60.50	<b>G200-C-SSCR</b>	77.40
3"	<b>G300-C-ALCR</b>	37.50	<b>G300-C-BRCR</b>	126.30	<b>G300-C-SSCR</b>	140.15
4"	<b>G400-C-ALCR</b>	51.85	<b>G400-C-BRCR</b>	173.50	<b>G400-C-SSCR</b>	181.70
6"	<b>G600-C-ALCR</b>	137.00	---	---	<b>G600-C-SSCR</b>	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"	<b>G100-E-ALCR</b>	\$7.55	<b>G100-E-BRCR</b>	\$23.00	<b>G100-E-SSCR</b>	\$28.40
1½"	<b>G150-E-ALCR</b>	11.45	<b>G150-E-BRCR</b>	37.60	<b>G150-E-SSCR</b>	44.95
2"	<b>G200-E-ALCR</b>	13.95	<b>G200-E-BRCR</b>	52.25	<b>G200-E-SSCR</b>	61.90
3"	<b>G300-E-ALCR</b>	23.45	<b>G300-E-BRCR</b>	108.35	<b>G300-E-SSCR</b>	117.95
4"	<b>G400-E-ALCR</b>	37.20	<b>G400-E-BRCR</b>	153.10	<b>G400-E-SSCR</b>	167.15
6"	<b>G600-E-ALCR</b>	105.00	---	---	<b>G600-E-SSCR</b>	472.00



Pressure rating is based on the seal of the mating part. See ratings on page 32.



## 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 <sup>1</sup>	KC nipple <sup>2</sup>			
1"	1-13/64"	1-16/64"	<b>CS100-1CS</b>	4.70	<b>CS100-1SS</b>	\$7.15	---	---	*	*	1.313"	.062"	2½"
	1-17/64"	1-20/64"	<b>CS100-2CS</b>	4.70	<b>CS100-2SS</b>	7.15	<b>CS100-2AL</b>	\$7.60	*	*	1.375"	.062"	2½"
	1-21/64"	1-24/64"	<b>CS100-3CS</b>	4.70	<b>CS100-3SS</b>	7.15	---	---	*	*	1.438"	.062"	2½"
	1-25/64"	1-28/64"	<b>CS100-4CS</b>	4.70	<b>CS100-4SS</b>	7.15	<b>CS100-4AL</b>	7.60	*	*	1.500"	.062"	2½"
	1-29/64"	1-32/64"	<b>CS100-5CS</b>	4.70	<b>CS100-5SS</b>	7.15	---	---	*	*	1.563"	.062"	2½"
	1-33/64"	1-36/64"	<b>CS100-6CS</b>	4.70	<b>CS100-6SS</b>	7.15	<b>CS100-6AL</b>	7.60	*	*	1.625"	.062"	2½"
	1-37/64"	1-40/64"	<b>CS100-7CS</b>	4.70	<b>CS100-7SS</b>	7.15	---	---	*	*	1.688"	.062"	2½"
	1-41/64"	1-44/64"	<b>CS100-8CS</b>	4.70	<b>CS100-8SS</b>	7.15	---	---	*	*	1.750"	.062"	2½"
	1-45/64"	1-48/64"	<b>CS100-9CS</b>	4.70	<b>CS100-9SS</b>	7.15	---	---	*	*	1.813"	.062"	2½"
	1-49/64"	1-52/64"	<b>CS100-10CS</b>	4.70	<b>CS100-10SS</b>	7.15	---	---	*	*	1.875"	.062"	2½"
1¼"	1-41/64"	1-44/64"	<b>CS125-3CS</b>	4.80	<b>CS125-3SS</b>	8.60	---	---	250	300	1.750"	.060"	2-5/8"
	1-45/64"	1-48/64"	<b>CS125-4CS</b>	4.80	<b>CS125-4SS</b>	8.60	---	---	250	300	1.813"	.060"	2-5/8"
	1-49/64"	1-52/64"	<b>CS125-5CS</b>	4.80	<b>CS125-5SS</b>	8.60	---	---	250	300	1.875"	.060"	2-5/8"
	1-53/64"	1-56/64"	<b>CS125-6CS</b>	4.80	<b>CS125-6SS</b>	8.60	---	---	250	300	1.938"	.060"	2-5/8"
1½"	1-41/64"	1-44/64"	<b>CS150-1CS</b>	4.85	<b>CS150-1SS</b>	8.50	---	---	250	300	1.750"	.062"	2½"
	1-45/64"	1-48/64"	<b>CS150-2CS</b>	4.85	<b>CS150-2SS</b>	8.50	---	---	250	300	1.813"	.062"	2½"
	1-49/64"	1-52/64"	<b>CS150-3CS</b>	4.85	<b>CS150-3SS</b>	8.50	<b>CS150-3AL</b>	10.00	250	300	1.875"	.062"	2½"
	1-53/64"	1-56/64"	<b>CS150-4CS</b>	4.85	<b>CS150-4SS</b>	8.50	---	---	250	300	1.938"	.062"	2½"
	1-57/64"	1-60/64"	<b>CS150-5CS</b>	4.85	<b>CS150-5SS</b>	8.50	---	---	250	300	2.000"	.062"	2½"
	1-61/64"	2"	<b>CS150-6CS</b>	4.85	<b>CS150-6SS</b>	8.50	---	---	250	300	2.063"	.062"	2½"
	2-1/64"	2-4/64"	<b>CS150-7CS</b>	4.85	<b>CS150-7SS</b>	8.50	<b>CS150-7AL</b>	10.00	250	300	2.125"	.062"	2½"
	2-5/64"	2-8/64"	<b>CS150-8CS</b>	4.85	<b>CS150-8SS</b>	8.50	---	---	250	300	2.188"	.062"	2½"
	2-9/64"	2-12/64"	<b>CS150-9CS</b>	4.85	<b>CS150-9SS</b>	8.50	---	---	250	300	2.250"	.062"	2½"
	2-13/64"	2-16/64"	<b>CS150-10CS</b>	4.85	<b>CS150-10SS</b>	8.50	---	---	250	300	2.313"	.062"	2½"
2-17/64"	2-20/64"	<b>CS150-11CS</b>	4.85	<b>CS150-11SS</b>	8.50	---	---	250	300	2.375"	.062"	2½"	
2-21/64"	2-24/64"	<b>CS150-12CS</b>	4.85	<b>CS150-12SS</b>	8.50	---	---	250	300	2.438"	.062"	2½"	
2"	2-13/64"	2-16/64"	<b>CS200-1CS</b>	5.70	<b>CS200-1SS</b>	11.75	---	---	250	250	2.313"	.062"	2-7/8"
	2-17/64"	2-20/64"	<b>CS200-2CS</b>	5.70	<b>CS200-2SS</b>	11.75	---	---	250	250	2.375"	.062"	2-7/8"
	2-21/64"	2-24/64"	<b>CS200-3CS</b>	5.70	<b>CS200-3SS</b>	11.75	---	---	250	250	2.438"	.062"	2-7/8"
	2-25/64"	2-28/64"	<b>CS200-4CS</b>	5.70	<b>CS200-4SS</b>	11.75	<b>CS200-4AL</b>	12.70	250	250	2.500"	.062"	2-7/8"
	2-29/64"	2-32/64"	<b>CS200-5CS</b>	5.70	<b>CS200-5SS</b>	11.75	---	---	250	250	2.563"	.062"	2-7/8"
	2-33/64"	2-36/64"	<b>CS200-6CS</b>	5.70	<b>CS200-6SS</b>	11.75	---	---	250	250	2.625"	.062"	2-7/8"
	2-37/64"	2-40/64"	<b>CS200-7CS</b>	5.70	<b>CS200-7SS</b>	11.75	---	---	250	250	2.688"	.062"	2-7/8"
	2-41/64"	2-44/64"	<b>CS200-8CS</b>	5.70	<b>CS200-8SS</b>	11.75	---	---	250	250	2.750"	.062"	2-7/8"
	2-45/64"	2-48/64"	<b>CS200-9CS</b>	5.70	<b>CS200-9SS</b>	11.75	---	---	250	250	2.813"	.062"	2-7/8"
	2-49/64"	2-52/64"	<b>CS200-10CS</b>	5.70	<b>CS200-10SS</b>	11.75	<b>CS200-10AL</b>	12.70	250	250	2.875"	.062"	2-7/8"
	2-53/64"	2-56/64"	<b>CS200-11CS</b>	5.70	<b>CS200-11SS</b>	11.75	---	---	250	250	2.938"	.062"	2-7/8"
	2-57/64"	2-60/64"	<b>CS200-12CS</b>	5.70	<b>CS200-12SS</b>	11.75	---	---	250	250	3.000"	.062"	2-7/8"

\* consult Dixon™ for pressure rating

<sup>1</sup> based on using crimp cam and groove shanks

<sup>2</sup> 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 <sup>1</sup>	KC nipple <sup>2</sup>			
3"	3-13/64"	3-16/64"	<b>CS300-1CS</b>	<b>\$10.05</b>	<b>CS300-1SS</b>	<b>\$17.05</b>	125	200	3.313"	.090"	3¾"
	3-17/64"	3-20/64"	<b>CS300-2CS</b>	<b>10.05</b>	<b>CS300-2SS</b>	<b>17.05</b>	125	200	3.375"	.090"	3¾"
	3-21/64"	3-24/64"	<b>CS300-3CS</b>	<b>10.05</b>	<b>CS300-3SS</b>	<b>17.05</b>	125	200	3.438"	.090"	3¾"
	3-25/64"	3-28/64"	<b>CS300-4CS</b>	<b>10.05</b>	<b>CS300-4SS</b>	<b>17.05</b>	125	200	3.500"	.090"	3¾"
	3-29/64"	3-32/64"	<b>CS300-5CS</b>	<b>10.05</b>	<b>CS300-5SS</b>	<b>17.05</b>	125	200	3.563"	.090"	3¾"
	3-33/64"	3-36/64"	<b>CS300-6CS</b>	<b>10.05</b>	<b>CS300-6SS</b>	<b>17.05</b>	125	200	3.625"	.090"	3¾"
	3-37/64"	3-40/64"	<b>CS300-7CS</b>	<b>10.05</b>	<b>CS300-7SS</b>	<b>17.05</b>	125	200	3.688"	.090"	3¾"
	3-41/64"	3-44/64"	<b>CS300-8CS</b>	<b>10.05</b>	<b>CS300-8SS</b>	<b>17.05</b>	125	200	3.750"	.090"	3¾"
	3-45/64"	3-48/64"	<b>CS300-9CS</b>	<b>10.05</b>	<b>CS300-9SS</b>	<b>17.05</b>	125	200	3.813"	.090"	3¾"
	3-49/64"	3-52/64"	<b>CS300-10CS</b>	<b>10.05</b>	<b>CS300-10SS</b>	<b>17.05</b>	125	200	3.875"	.090"	3¾"
	3-53/64"	3-56/64"	<b>CS300-11CS</b>	<b>10.05</b>	<b>CS300-11SS</b>	<b>17.05</b>	125	200	3.938"	.090"	3¾"
	3-57/64"	3-60/64"	<b>CS300-12CS</b>	<b>10.05</b>	<b>CS300-12SS</b>	<b>17.05</b>	125	200	4.000"	.090"	3¾"
	3-61/64"	4"	<b>CS300-13CS</b>	<b>10.05</b>	<b>CS300-13SS</b>	<b>17.05</b>	125	200	4.063"	.090"	3¾"
	4-1/64"	4-4/64"	<b>CS300-14CS</b>	<b>10.05</b>	<b>CS300-14SS</b>	<b>17.05</b>	125	200	4.125"	.090"	3¾"
	4-5/64"	4-8/64"	<b>CS300-15CS</b>	<b>10.05</b>	<b>CS300-15SS</b>	<b>17.05</b>	125	200	4.188"	.090"	3¾"
	4-9/64"	4-12/64"	<b>CS300-16CS</b>	<b>10.05</b>	<b>CS300-16SS</b>	<b>17.05</b>	125	200	4.250"	.090"	3¾"
4"	4-13/64"	4-16/64"	<b>CS400-1CS</b>	<b>13.55</b>	<b>CS400-1SS</b>	<b>28.35</b>	110	175	4.313"	.090"	3¾"
	4-17/64"	4-20/64"	<b>CS400-2CS</b>	<b>13.55</b>	<b>CS400-2SS</b>	<b>28.35</b>	110	175	4.375"	.090"	3¾"
	4-21/64"	4-24/64"	<b>CS400-3CS</b>	<b>13.55</b>	<b>CS400-3SS</b>	<b>28.35</b>	110	175	4.438"	.090"	3¾"
	4-25/64"	4-28/64"	<b>CS400-4CS</b>	<b>13.55</b>	<b>CS400-4SS</b>	<b>28.35</b>	110	175	4.500"	.090"	3¾"
	4-29/64"	4-32/64"	<b>CS400-5CS</b>	<b>13.55</b>	<b>CS400-5SS</b>	<b>28.35</b>	110	175	4.563"	.090"	3¾"
	4-33/64"	4-36/64"	<b>CS400-6CS</b>	<b>13.55</b>	<b>CS400-6SS</b>	<b>28.35</b>	110	175	4.625"	.090"	3¾"
	4-37/64"	4-40/64"	<b>CS400-7CS</b>	<b>13.55</b>	<b>CS400-7SS</b>	<b>28.35</b>	110	175	4.688"	.090"	3¾"
	4-41/64"	4-44/64"	<b>CS400-8CS</b>	<b>13.55</b>	<b>CS400-8SS</b>	<b>28.35</b>	110	175	4.750"	.090"	3¾"
	4-45/64"	4-48/64"	<b>CS400-9CS</b>	<b>13.55</b>	<b>CS400-9SS</b>	<b>28.35</b>	110	175	4.813"	.090"	3¾"
	4-49/64"	4-52/64"	<b>CS400-10CS</b>	<b>13.55</b>	<b>CS400-10SS</b>	<b>28.35</b>	110	175	4.875"	.090"	3¾"
	4-53/64"	4-56/64"	<b>CS400-11CS</b>	<b>13.55</b>	<b>CS400-11SS</b>	<b>28.35</b>	110	175	4.938"	.090"	3¾"
	4-57/64"	4-60/64"	<b>CS400-12CS</b>	<b>13.55</b>	<b>CS400-12SS</b>	<b>28.35</b>	110	175	5.000"	.090"	3¾"
	4-61/64"	5"	<b>CS400-13CS</b>	<b>13.55</b>	<b>CS400-13SS</b>	<b>28.35</b>	110	175	5.063"	.090"	3¾"
	5-1/64"	5-4/64"	<b>CS400-14CS</b>	<b>13.55</b>	<b>CS400-14SS</b>	<b>28.35</b>	110	175	5.125"	.090"	3¾"
	5-5/64"	5-8/64"	<b>CS400-15CS</b>	<b>13.55</b>	<b>CS400-15SS</b>	<b>28.35</b>	110	175	5.188"	.090"	3¾"
	5-9/64"	5-12/64"	<b>CS400-16CS</b>	<b>13.55</b>	<b>CS400-16SS</b>	<b>28.35</b>	110	175	5.250"	.090"	3¾"
6"	6-21/64"	6-28/64"	<b>CS600-1CS</b>	<b>37.90</b>	<b>CS600-1SS</b>	<b>72.75</b>	*	*	6.500"	.120"	5½"
	6-29/64"	6-36/64"	<b>CS600-2CS</b>	<b>37.90</b>	<b>CS600-2SS</b>	<b>72.75</b>	*	*	6.625"	.120"	5½"
	6-37/64"	6-44/64"	<b>CS600-3CS</b>	<b>37.90</b>	<b>CS600-3SS</b>	<b>72.75</b>	*	*	6.750"	.120"	5½"
	6-45/64"	6-52/64"	<b>CS600-4CS</b>	<b>37.90</b>	<b>CS600-4SS</b>	<b>72.75</b>	*	*	6.875"	.120"	5½"
	6-53/64"	6-60/64"	<b>CS600-5CS</b>	<b>37.90</b>	<b>CS600-5SS</b>	<b>72.75</b>	*	*	7.000"	.120"	5½"
	6-61/64"	7-4/64"	<b>CS600-6CS</b>	<b>37.90</b>	<b>CS600-6SS</b>	<b>72.75</b>	*	*	7.125"	.120"	5½"
	7-5/64"	7-12/64"	<b>CS600-7CS</b>	<b>37.90</b>	<b>CS600-7SS</b>	<b>72.75</b>	*	*	7.250"	.120"	5½"
	7-13/64"	7-20/64"	<b>CS600-8CS</b>	<b>37.90</b>	<b>CS600-8SS</b>	<b>72.75</b>	*	*	7.375"	.120"	5½"
	7-21/64"	7-28/64"	<b>CS600-9CS</b>	<b>37.90</b>	<b>CS600-9SS</b>	<b>72.75</b>	*	*	7.500"	.120"	5½"

\* consult Dixon™ for pressure rating

<sup>1</sup> based on using crimp cam and groove shanks

<sup>2</sup> 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 <sup>1</sup>	KC nipple <sup>2</sup>			
1"	1-13/64"	1-16/64"	<b>CF100-1CS</b>	<b>\$10.00</b>	<b>CF100-1SS</b>	<b>\$10.15</b>	*	*	1.313"	.062"	2-13/16"
	1-17/64"	1-20/64"	<b>CF100-2CS</b>	<b>10.00</b>	<b>CF100-2SS</b>	<b>10.15</b>	*	*	1.375"	.062"	2-13/16"
	1-21/64"	1-24/64"	<b>CF100-3CS</b>	<b>10.00</b>	<b>CF100-3SS</b>	<b>10.15</b>	*	*	1.438"	.062"	2-13/16"
	1-25/64"	1-28/64"	<b>CF100-4CS</b>	<b>10.00</b>	<b>CF100-4SS</b>	<b>10.15</b>	*	*	1.500"	.062"	2-13/16"
	1-29/64"	1-32/64"	<b>CF100-5CS</b>	<b>10.00</b>	<b>CF100-5SS</b>	<b>10.15</b>	*	*	1.563"	.062"	2-13/16"
	1-33/64"	1-36/64"	<b>CF100-6CS</b>	<b>10.00</b>	<b>CF100-6SS</b>	<b>10.15</b>	*	*	1.625"	.062"	2-13/16"
	1-37/64"	1-40/64"	<b>CF100-7CS</b>	<b>10.00</b>	<b>CF100-7SS</b>	<b>10.15</b>	*	*	1.688"	.062"	2-13/16"
	1-41/64"	1-44/64"	<b>CF100-8CS</b>	<b>10.00</b>	<b>CF100-8SS</b>	<b>10.15</b>	*	*	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	<b>CF100-9CS</b>	<b>10.00</b>	<b>CF100-9SS</b>	<b>10.15</b>	*	*	1.813"	.062"	2-13/16"
1-49/64"	1-52/64"	<b>CF100-10CS</b>	<b>10.00</b>	<b>CF100-10SS</b>	<b>10.15</b>	*	*	1.875"	.062"	2-13/16"	
1 1/4"	1-41/64"	1-44/64"	<b>CF125-3CS</b>	<b>10.25</b>	<b>CF125-3SS</b>	<b>12.00</b>	250	350	1.750"	.060"	2-13/16"
	1-45/64"	1-48/64"	<b>CF125-4CS</b>	<b>10.25</b>	<b>CF125-4SS</b>	<b>12.00</b>	250	350	1.813"	.060"	2-13/16"
	1-49/64"	1-52/64"	<b>CF125-5CS</b>	<b>10.25</b>	<b>CF125-5SS</b>	<b>12.00</b>	250	350	1.875"	.060"	2-13/16"
	1-53/64"	1-56/64"	<b>CF125-6CS</b>	<b>10.25</b>	<b>CF125-6SS</b>	<b>12.00</b>	250	350	1.938"	.060"	2-13/16"
1 1/2"	1-41/64"	1-44/64"	<b>CF150-1CS</b>	<b>11.40</b>	<b>CF150-1SS</b>	<b>15.60</b>	250	350	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	<b>CF150-2CS</b>	<b>11.40</b>	<b>CF150-2SS</b>	<b>15.60</b>	250	350	1.813"	.062"	2-13/16"
	1-49/64"	1-52/64"	<b>CF150-3CS</b>	<b>11.40</b>	<b>CF150-3SS</b>	<b>15.60</b>	250	350	1.875"	.062"	2-13/16"
	1-53/64"	1-56/64"	<b>CF150-4CS</b>	<b>11.40</b>	<b>CF150-4SS</b>	<b>15.60</b>	250	350	1.938"	.062"	2-13/16"
	1-57/64"	1-60/64"	<b>CF150-5CS</b>	<b>11.40</b>	<b>CF150-5SS</b>	<b>15.60</b>	250	350	2.000"	.062"	2-13/16"
	1-61/64"	2"	<b>CF150-6CS</b>	<b>11.40</b>	<b>CF150-6SS</b>	<b>15.60</b>	250	350	2.063"	.062"	2-13/16"
	2-1/64"	2-4/64"	<b>CF150-7CS</b>	<b>11.40</b>	<b>CF150-7SS</b>	<b>15.60</b>	250	350	2.125"	.062"	2-13/16"
	2-5/64"	2-8/64"	<b>CF150-8CS</b>	<b>11.40</b>	<b>CF150-8SS</b>	<b>15.60</b>	250	350	2.188"	.062"	2-13/16"
	2-9/64"	2-12/64"	<b>CF150-9CS</b>	<b>11.40</b>	<b>CF150-9SS</b>	<b>15.60</b>	250	350	2.250"	.062"	2-13/16"
	2-13/64"	2-16/64"	<b>CF150-10CS</b>	<b>11.40</b>	<b>CF150-10SS</b>	<b>15.60</b>	250	350	2.313"	.062"	2-13/16"
	2-17/64"	2-20/64"	<b>CF150-11CS</b>	<b>11.40</b>	<b>CF150-11SS</b>	<b>15.60</b>	250	350	2.375"	.062"	2-13/16"
	2-21/64"	2-24/64"	<b>CF150-12CS</b>	<b>11.40</b>	<b>CF150-12SS</b>	<b>15.60</b>	250	350	2.438"	.062"	2-13/16"
2"	2-13/64"	2-16/64"	<b>CF200-1CS</b>	<b>12.95</b>	<b>CF200-1SS</b>	<b>17.65</b>	250	300	2.313"	.062"	3-1/8"
	2-17/64"	2-20/64"	<b>CF200-2CS</b>	<b>12.95</b>	<b>CF200-2SS</b>	<b>17.65</b>	250	300	2.375"	.062"	3-1/8"
	2-21/64"	2-24/64"	<b>CF200-3CS</b>	<b>12.95</b>	<b>CF200-3SS</b>	<b>17.65</b>	250	300	2.438"	.062"	3-1/8"
	2-25/64"	2-28/64"	<b>CF200-4CS</b>	<b>12.95</b>	<b>CF200-4SS</b>	<b>17.65</b>	250	300	2.500"	.062"	3-1/8"
	2-29/64"	2-32/64"	<b>CF200-5CS</b>	<b>12.95</b>	<b>CF200-5SS</b>	<b>17.65</b>	250	300	2.563"	.062"	3-1/8"
	2-33/64"	2-36/64"	<b>CF200-6CS</b>	<b>12.95</b>	<b>CF200-6SS</b>	<b>17.65</b>	250	300	2.625"	.062"	3-1/8"
	2-37/64"	2-40/64"	<b>CF200-7CS</b>	<b>12.95</b>	<b>CF200-7SS</b>	<b>17.65</b>	250	300	2.688"	.062"	3-1/8"
	2-41/64"	2-44/64"	<b>CF200-8CS</b>	<b>12.95</b>	<b>CF200-8SS</b>	<b>17.65</b>	250	300	2.750"	.062"	3-1/8"
	2-45/64"	2-48/64"	<b>CF200-9CS</b>	<b>12.95</b>	<b>CF200-9SS</b>	<b>17.65</b>	250	300	2.813"	.062"	3-1/8"
	2-49/64"	2-52/64"	<b>CF200-10CS</b>	<b>12.95</b>	<b>CF200-10SS</b>	<b>17.65</b>	250	300	2.875"	.062"	3-1/8"
	2-53/64"	2-56/64"	<b>CF200-11CS</b>	<b>12.95</b>	<b>CF200-11SS</b>	<b>17.65</b>	250	300	2.938"	.062"	3-1/8"
	2-57/64"	2-60/64"	<b>CF200-12CS</b>	<b>12.95</b>	<b>CF200-12SS</b>	<b>17.65</b>	250	300	3.000"	.062"	3-1/8"

\* consult Dixon™ for pressure rating

<sup>1</sup> based on using crimp cam and groove shanks

<sup>2</sup> 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 <sup>1</sup>	KC nipple <sup>2</sup>			
3"	3-13/64"	3-16/64"	<b>CF300-1CS</b>	<b>\$17.50</b>	<b>CF300-1SS</b>	<b>\$28.95</b>	150	300	3.313"	.090"	4"
	3-17/64"	3-20/64"	<b>CF300-2CS</b>	<b>17.50</b>	<b>CF300-2SS</b>	<b>28.95</b>	150	300	3.375"	.090"	4"
	3-21/64"	3-24/64"	<b>CF300-3CS</b>	<b>17.50</b>	<b>CF300-3SS</b>	<b>28.95</b>	150	300	3.438"	.090"	4"
	3-25/64"	3-28/64"	<b>CF300-4CS</b>	<b>17.50</b>	<b>CF300-4SS</b>	<b>28.95</b>	150	300	3.500"	.090"	4"
	3-29/64"	3-32/64"	<b>CF300-5CS</b>	<b>17.50</b>	<b>CF300-5SS</b>	<b>28.95</b>	150	300	3.563"	.090"	4"
	3-33/64"	3-36/64"	<b>CF300-6CS</b>	<b>17.50</b>	<b>CF300-6SS</b>	<b>28.95</b>	150	300	3.625"	.090"	4"
	3-37/64"	3-40/64"	<b>CF300-7CS</b>	<b>17.50</b>	<b>CF300-7SS</b>	<b>28.95</b>	150	300	3.688"	.090"	4"
	3-41/64"	3-44/64"	<b>CF300-8CS</b>	<b>17.50</b>	<b>CF300-8SS</b>	<b>28.95</b>	150	300	3.750"	.090"	4"
	3-45/64"	3-48/64"	<b>CF300-9CS</b>	<b>17.50</b>	<b>CF300-9SS</b>	<b>28.95</b>	150	300	3.813"	.090"	4"
	3-49/64"	3-52/64"	<b>CF300-10CS</b>	<b>17.50</b>	<b>CF300-10SS</b>	<b>28.95</b>	150	300	3.875"	.090"	4"
	3-53/64"	3-56/64"	<b>CF300-11CS</b>	<b>17.50</b>	<b>CF300-11SS</b>	<b>28.95</b>	150	300	3.938"	.090"	4"
	3-57/64"	3-60/64"	<b>CF300-12CS</b>	<b>17.50</b>	<b>CF300-12SS</b>	<b>28.95</b>	150	300	4.000"	.090"	4"
	3-61/64"	4"	<b>CF300-13CS</b>	<b>17.50</b>	<b>CF300-13SS</b>	<b>28.95</b>	150	300	4.063"	.090"	4"
	4-1/64"	4-4/64"	<b>CF300-14CS</b>	<b>17.50</b>	<b>CF300-14SS</b>	<b>28.95</b>	150	300	4.125"	.090"	4"
	4-5/64"	4-8/64"	<b>CF300-15CS</b>	<b>17.50</b>	<b>CF300-15SS</b>	<b>28.95</b>	150	300	4.188"	.090"	4"
	4-9/64"	4-12/64"	<b>CF300-16CS</b>	<b>17.50</b>	<b>CF300-16SS</b>	<b>28.95</b>	150	300	4.250"	.090"	4"
4"	4-13/64"	4-16/64"	<b>CF400-1CS</b>	<b>23.00</b>	<b>CF400-1SS</b>	<b>67.20</b>	150	300	4.313"	.090"	4"
	4-17/64"	4-20/64"	<b>CF400-2CS</b>	<b>23.00</b>	<b>CF400-2SS</b>	<b>67.20</b>	150	300	4.375"	.090"	4"
	4-21/64"	4-24/64"	<b>CF400-3CS</b>	<b>23.00</b>	<b>CF400-3SS</b>	<b>67.20</b>	150	300	4.438"	.090"	4"
	4-25/64"	4-28/64"	<b>CF400-4CS</b>	<b>23.00</b>	<b>CF400-4SS</b>	<b>67.20</b>	150	300	4.500"	.090"	4"
	4-29/64"	4-32/64"	<b>CF400-5CS</b>	<b>23.00</b>	<b>CF400-5SS</b>	<b>67.20</b>	150	300	4.563"	.090"	4"
	4-33/64"	4-36/64"	<b>CF400-6CS</b>	<b>23.00</b>	<b>CF400-6SS</b>	<b>67.20</b>	150	300	4.625"	.090"	4"
	4-37/64"	4-40/64"	<b>CF400-7CS</b>	<b>23.00</b>	<b>CF400-7SS</b>	<b>67.20</b>	150	300	4.688"	.090"	4"
	4-41/64"	4-44/64"	<b>CF400-8CS</b>	<b>23.00</b>	<b>CF400-8SS</b>	<b>67.20</b>	150	300	4.750"	.090"	4"
	4-45/64"	4-48/64"	<b>CF400-9CS</b>	<b>23.00</b>	<b>CF400-9SS</b>	<b>67.20</b>	150	300	4.813"	.090"	4"
	4-49/64"	4-52/64"	<b>CF400-10CS</b>	<b>23.00</b>	<b>CF400-10SS</b>	<b>67.20</b>	150	300	4.875"	.090"	4"
	4-53/64"	4-56/64"	<b>CF400-11CS</b>	<b>23.00</b>	<b>CF400-11SS</b>	<b>67.20</b>	150	300	4.938"	.090"	4"
	4-57/64"	4-60/64"	<b>CF400-12CS</b>	<b>23.00</b>	<b>CF400-12SS</b>	<b>67.20</b>	150	300	5.000"	.090"	4"
	4-61/64"	5"	<b>CF400-13CS</b>	<b>23.00</b>	<b>CF400-13SS</b>	<b>67.20</b>	150	300	5.063"	.090"	4"
	5-1/64"	5-4/64"	<b>CF400-14CS</b>	<b>23.00</b>	<b>CF400-14SS</b>	<b>67.20</b>	150	300	5.125"	.090"	4"
	5-5/64"	5-8/64"	<b>CF400-15CS</b>	<b>23.00</b>	<b>CF400-15SS</b>	<b>67.20</b>	150	300	5.188"	.090"	4"
	5-9/64"	5-12/64"	<b>CF400-16CS</b>	<b>23.00</b>	<b>CF400-16SS</b>	<b>67.20</b>	150	300	5.250"	.090"	4"
6"	6-21/64"	6-28/64"	<b>CF600-1CS</b>	<b>52.25</b>	<b>CF600-1SS</b>	<b>85.00</b>	*	*	6.500"	.120"	5-7/8"
	6-29/64"	6-36/64"	<b>CF600-2CS</b>	<b>52.25</b>	<b>CF600-2SS</b>	<b>85.00</b>	*	*	6.625"	.120"	5-7/8"
	6-37/64"	6-44/64"	<b>CF600-3CS</b>	<b>52.25</b>	<b>CF600-3SS</b>	<b>85.00</b>	*	*	6.750"	.120"	5-7/8"
	6-45/64"	6-52/64"	<b>CF600-4CS</b>	<b>52.25</b>	<b>CF600-4SS</b>	<b>85.00</b>	*	*	6.875"	.120"	5-7/8"
	6-53/64"	6-60/64"	<b>CF600-5CS</b>	<b>52.25</b>	<b>CF600-5SS</b>	<b>85.00</b>	*	*	7.000"	.120"	5-7/8"
	6-61/64"	7-4/64"	<b>CF600-6CS</b>	<b>52.25</b>	<b>CF600-6SS</b>	<b>85.00</b>	*	*	7.125"	.120"	5-7/8"
	7-5/64"	7-12/64"	<b>CF600-7CS</b>	<b>52.25</b>	<b>CF600-7SS</b>	<b>85.00</b>	*	*	7.250"	.120"	5-7/8"
	7-13/64"	7-20/64"	<b>CF600-8CS</b>	<b>52.25</b>	<b>CF600-8SS</b>	<b>85.00</b>	*	*	7.375"	.120"	5-7/8"
	7-21/64"	7-28/64"	<b>CF600-9CS</b>	<b>52.25</b>	<b>CF600-9SS</b>	<b>85.00</b>	*	*	7.500"	.120"	5-7/8"

\* consult Dixon™ for pressure rating

<sup>1</sup> based on using crimp cam and groove shanks

<sup>2</sup> based on using King™ combination nipples

## King Crimp™ Style Combination Nipples and Sleeves

### NPT Threaded End



Size	Schedule 40 Plated Carbon Steel	
	Part #	Price
8"	<b>STC80CS</b>	<b>\$162.00</b>

### Grooved End



Size	Schedule 40 Plated Carbon Steel	
	Part #	Price
8"	<b>STV80CS</b>	<b>\$158.00</b>

## 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"	<b>CFS800-1CS</b>	<b>\$133.00</b>	.120"	8.625"	4.25"
	8-37/64"	8-44/64"	<b>CFS800-2CS</b>	<b>133.00</b>	.120"	8.750"	4.25"
	8-45/64"	8-52/64"	<b>CFS800-3CS</b>	<b>133.00</b>	.120"	8.875"	4.25"
	8-53/64"	8-60/64"	<b>CFS800-4CS</b>	<b>133.00</b>	.120"	9.000"	4.25"
	8-61/64"	9-4/64"	<b>CFS800-5CS</b>	<b>133.00</b>	.120"	9.125"	4.25"
	9-5/64"	9-12/64"	<b>CFS800-6CS</b>	<b>133.00</b>	.120"	9.250"	4.25"
	9-13/64"	9-20/64"	<b>CFS800-7CS</b>	<b>133.00</b>	.120"	9.375"	4.25"
	9-21/64"	9-28/64"	<b>CFS800-8CS</b>	<b>133.00</b>	.120"	9.500"	4.25"

## 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 the stamp is legible.

### NPT Threaded End

Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	<b>STC10CS</b>	<b>\$22.20</b>	<b>RST10CS</b>	<b>\$35.25</b>
1¼"	<b>STC15CS</b>	<b>23.20</b>	<b>RST15CS</b>	<b>49.00</b>
1½"	<b>STC20CS</b>	<b>22.70</b>	<b>RST20CS</b>	<b>51.50</b>
2"	<b>STC25CS</b>	<b>27.00</b>	<b>RST25CS</b>	<b>63.70</b>
3"	<b>STC35CS</b>	<b>51.50</b>	<b>RST35CS</b>	<b>140.00</b>
4"	<b>STC40CS</b>	<b>63.65</b>	<b>RST40CS</b>	<b>206.00</b>
6"	<b>STC60CS</b>	<b>134.85</b>	<b>RST60CS</b>	<b>745.00</b>



### Grooved End

Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	<b>STV10CS</b>	<b>\$24.00</b>	<b>RSTV10CS</b>	<b>\$44.00</b>
1½"	<b>STV20CS</b>	<b>30.30</b>	<b>RSTV20CS</b>	<b>65.15</b>
2"	<b>STV25CS</b>	<b>36.35</b>	<b>RSTV25CS</b>	<b>80.30</b>
3"	<b>STV35CS</b>	<b>65.15</b>	<b>RSTV35CS</b>	<b>190.90</b>
4"	<b>STV40CS</b>	<b>78.80</b>	<b>RSTV40CS</b>	<b>250.75</b>
6"	<b>STV60CS</b>	<b>162.00</b>	<b>RSTV60CS</b>	<b>770.00</b>



### Beveled End

Hose ID	Schedule 80 Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	<b>STB10CS</b>	<b>\$23.70</b>	<b>RSTB10CS</b>	<b>\$43.00</b>
1½"	<b>STB20CS</b>	<b>23.00</b>	<b>RSTB20CS</b>	<b>53.00</b>
2"	<b>STB25CS</b>	<b>27.30</b>	<b>RSTB25CS</b>	<b>79.00</b>
3"	<b>STB35CS</b>	<b>49.50</b>	<b>RSTB35CS</b>	<b>189.00</b>
4"	<b>STB40CS</b>	<b>62.55</b>	<b>RSTB40CS</b>	<b>250.00</b>
6"	<b>STB60CS</b>	<b>134.00</b>	<b>RSTB60CS</b>	<b>740.00</b>



## King Crimp™ Style 150# ASA Fixed (welded) Flange



Size	Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	<b>FST20CS</b>	<b>\$98.00</b>	<b>RFST20CS</b>	<b>\$280.00</b>
2"	<b>FST25CS</b>	<b>101.00</b>	<b>RFST25CS</b>	<b>310.00</b>
3"	<b>FST35CS</b>	<b>150.25</b>	<b>RFST35CS</b>	<b>480.00</b>
4"	<b>FST40CS</b>	<b>182.20</b>	<b>RFST40CS</b>	<b>668.10</b>
6"	<b>FST60CS</b>	<b>316.00</b>	<b>RFST60CS</b>	<b>1165.00</b>

## King Crimp™ Style Nipples for Floating Flanges

**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"	<b>N25CS</b>	<b>\$134.85</b>	<b>RN25CS</b>	<b>\$225.00</b>
3"	<b>N35CS</b>	<b>189.35</b>	<b>RN35CS</b>	<b>345.00</b>
4"	<b>N40CS</b>	<b>244.20</b>	<b>RN40CS</b>	<b>457.60</b>
6"	<b>N60CS</b>	<b>496.55</b>	<b>RN60CS</b>	<b>1115.00</b>

## TTMA Flange x King Crimp™ Style King™ Combination Nipples

**Feature:**

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

Size	Flange Thickness	Carbon Steel	
		Part #	Price/E
<b>NEW</b> 3"	5/16"	<b>TTFST35CS</b>	<b>\$183.00</b>
3"	3/8"	<b>TTFST35CS-THK</b>	<b>190.90</b>
<b>NEW</b> 4"	5/16"	<b>TTFST40CS</b>	<b>222.50</b>
4"	3/8"	<b>TTFST40CS-THK</b>	<b>227.25</b>

## Dixon™ One-Piece Frac Fittings

B

**Application:**

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

**Features:**

- one-piece stem design eliminates the leak path common with two-piece threaded systems
- interchangeable with current fittings; phase them into your operation
- designed to work with Dixon™ King Crimp™ sleeves or ferrules.
- 400 PSI** working pressure at 70°F for 3" and 4" sizes; 4:1 safety factor (SF) <sup>1</sup>
- 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)



<sup>1</sup> 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.

**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



3" and 4" female



3" and 4" male

Figure 100

Size	Description	Part #	Price/E
3"	male/female assembly	<b>HUMF100300CS</b>	<b>\$430.00</b>
	female fitting	<b>HUF100300CS</b>	<b>180.00</b>
	male fitting (includes nut)	<b>HUM100300CS</b>	<b>250.00</b>
	male NPT fitting	<b>STC35CS</b>	<b>51.50</b>
	wing nut	<b>HU100300N</b>	<b>70.00</b>
4"	male/female assembly	<b>HUMF100400CS</b>	<b>486.50</b>
	female fitting	<b>HUF100400CS</b>	<b>186.30</b>
	male fitting (includes nut)	<b>HUM100400CS</b>	<b>300.00</b>
	male NPT fitting	<b>STC40CSHD</b>	<b>74.00</b>
	wing nut	<b>HU100400N</b>	<b>112.00</b>
6"	male/female assembly	<b>HUMF100600CS</b>	<b>1100.50</b>
	female fitting	<b>HUFALL600CS</b>	<b>461.00</b>
	male fitting (includes nut)	<b>HUM100600CS</b>	<b>639.50</b>
	male NPT fitting	<b>STC60CS</b>	<b>134.85</b>
	wing nut	<b>HU100600N</b>	<b>178.50</b>
8"	male/female assembly	<b>HUMF100800CS</b>	<b>1283.70</b>
	female fitting	<b>HUFALL800CS</b>	<b>539.00</b>
	male fitting (includes nut)	<b>HUM100800CS</b>	<b>744.70</b>
	male NPT fitting	<b>STC80CS</b>	<b>162.00</b>
	wing nut	<b>HU100800N</b>	<b>205.70</b>



3" and 4" male NPT



3" and 4" wing nut

## Dixon™ One-Piece Frac Fittings

Figure 206



8" female



8" male



8" male NPT



6" and 8" wing nut

Size	Description	Part #	Price/E
3"	male/female assembly	<i>HUMF206300CS</i>	<b>\$430.00</b>
	female fitting	<i>HUF206300CS</i>	<b>180.00</b>
	male fitting (includes nut and O-ring)	<i>HUM206300CS</i>	<b>250.00</b>
	male NPT fitting	<i>STC35CS</i>	<b>51.50</b>
	wing nut	<i>HU206300N</i>	<b>70.00</b>
	O-ring (Buna-N)	<i>O238BU</i>	<b>2.00</b>
4"	male/female assembly	<i>HUMF206400CS</i>	<b>486.50</b>
	female fitting	<i>HUF206400CS</i>	<b>186.30</b>
	male fitting (includes nut and O-ring)	<i>HUM206400CS</i>	<b>300.00</b>
	male NPT fitting	<i>STC40CSHD</i>	<b>74.00</b>
	wing nut	<i>HU206400N</i>	<b>112.00</b>
	O-ring (Buna-N)	<i>O347BU</i>	<b>1.35</b>
6"	male/female assembly	<i>HUMF206600CS</i>	<b>1100.50</b>
	female fitting	<i>HUFALL600CS</i>	<b>461.00</b>
	male fitting (includes nut and O-ring)	<i>HUM206600CS</i>	<b>639.50</b>
	male NPT fitting	<i>STC60CS</i>	<b>134.85</b>
	wing nut	<i>HU206600N</i>	<b>178.50</b>
	O-ring (Buna-N)	<i>O440BU</i>	<b>2.85</b>
8"	male/female assembly	<i>HUMF206800CS</i>	<b>1283.70</b>
	female fitting	<i>HUFALL800CS</i>	<b>539.00</b>
	male fitting (includes nut and O-ring)	<i>HUM206800CS</i>	<b>744.70</b>
	male NPT fitting	<i>STC80CS</i>	<b>162.00</b>
	wing nut	<i>HU206800N</i>	<b>205.70</b>
	O-ring (Buna-N)	<i>O447BU</i>	<b>3.75</b>

## 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"	<b>CF400-6CSHD</b>	<b>\$36.30</b>	0.120"	4.625"	4"
	4-37/64"	4-40/64"	<b>CF400-7CSHD</b>	<b>36.30</b>	0.120"	4.688"	4"
	4-41/64"	4-44/64"	<b>CF400-8CSHD</b>	<b>36.30</b>	0.120"	4.750"	4"
	4-45/64"	4-48/64"	<b>CF400-9CSHD</b>	<b>36.30</b>	0.120"	4.813"	4"
	4-49/64"	4-52/64"	<b>CF400-10CSHD</b>	<b>36.30</b>	0.120"	4.875"	4"
	4-53/64"	4-56/64"	<b>CF400-11CSHD</b>	<b>36.30</b>	0.120"	4.938"	4"
	4-57/64"	4-60/64"	<b>CF400-12CSHD</b>	<b>36.30</b>	0.120"	5.000"	4"
	4-61/64"	5"	<b>CF400-13CSHD</b>	<b>36.30</b>	0.120"	5.063"	4"
	5-1/64"	5-4/64"	<b>CF400-14CSHD</b>	<b>36.30</b>	0.120"	5.125"	4"
	5-5/64"	5-8/64"	<b>CF400-15CSHD</b>	<b>36.30</b>	0.120"	5.188"	4"
	5-9/64"	5-12/64"	<b>CF400-16CSHD</b>	<b>36.30</b>	0.120"	5.250"	4"



## King Crimp™ Style Sleeves

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



- consult Dixon™ for additional sleeve sizes

## 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	<b>HU100300N</b>	<b>\$70.00</b>
	wing nut, figure 206	<b>HU206300N</b>	<b>70.00</b>
4"	wing nut, figure 100	<b>HU100400N</b>	<b>112.00</b>
	wing nut, figure 206	<b>HU206400N</b>	<b>112.00</b>
6"	wing nut, figure 100	<b>HU100600N</b>	<b>178.50</b>
	wing nut, figure 206	<b>HU206600N</b>	<b>178.50</b>
8"	wing nut, figure 100	<b>HU100800N</b>	<b>205.70</b>
	wing nut, figure 206	<b>HU206800N</b>	<b>205.70</b>

## Dixon™ Two-Piece Hammer Union Nuts

### Applications:

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



figure 200 / 206

### 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. 



suction and discharge

**NEW**

Size	Description	Forged Steel Part #	Price
4"	split nut, figure 200/206, blue (includes bolts)	<b>HU200400RN</b>	<b>\$138.05</b>
5"	split nut, suction and discharge, black	<b>HUS500RN</b>	<b>255.00</b>
6"	split nut, figure 100, black (includes bolts)	<b>HU100600RN</b>	<b>282.00</b>
	split nut, figure 200/206, blue (includes bolts)	<b>HU200600RN</b>	<b>282.00</b>
8"	split nut, figure 100, black (includes bolts)	<b>HU100800RN</b>	<b>304.00</b>
	split nut, figure 200/206, blue (includes bolts)	<b>HU200800RN</b>	<b>304.00</b>

## 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: **-20°F to 250°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



### 100 Series

#### Features:

- 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	<b>HU100200</b>	\$52.90
2"	butt weld	1000	<b>HU100200BW<sup>1</sup></b>	82.35
2½"	threaded	1000	<b>HU100250</b>	150.00
3"	threaded	1000	<b>HU100300</b>	139.05
4"	threaded	1000	<b>HU100400</b>	209.45
4"	butt weld	1000	<b>HU100400BW<sup>1</sup></b>	269.20
6"	threaded	1000	<b>HU100600</b>	722.40
8"	threaded	1000	<b>HU100800</b>	981.65

<sup>1</sup> butt weld ends are schedule 40



### 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	<b>HU200100</b>	\$35.35
1½"	threaded	2000	<b>HU200150</b>	116.15
2"	threaded	2000	<b>HU200200</b>	51.90
2"	butt weld	2000	<b>HU200200BW<sup>1</sup></b>	87.10
2½"	threaded	2000	<b>HU200250</b>	229.60
3"	threaded	2000	<b>HU200300</b>	213.75
4"	threaded	2000	<b>HU200400</b>	271.80
6"	threaded	2000	<b>HU200600</b>	981.65
8"	threaded	2000	<b>HU200800</b>	1150.00

<sup>1</sup> butt weld ends are schedule 40



### 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	<b>HU206100</b>	\$39.15
1½"	threaded	2000	<b>HU206150</b>	101.10
2"	threaded	2000	<b>HU206200</b>	59.00
2½"	threaded	2000	<b>HU206250</b>	224.80
3"	threaded	2000	<b>HU206300</b>	224.30
4"	threaded	2000	<b>HU206400</b>	250.00
6"	threaded	2000	<b>HU206600</b>	1066.10
8"	threaded	2000	<b>HU206800</b>	1600.00

• additional hammer unions are available on page 716-717



## Dixon™ One-Piece Flange Adapters



male adapter x flange  
with hammer union nut



female adapter x flange



male adapter x 45° flange  
with hammer union nut

### 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"	<b>HUF206400FLG</b>	\$271.50
	female hammer union x 150# flange short	3"	<b>HUF206400FLG-ST</b>	252.00
	female hammer union x 150# flange 45° elbow	10-31/32"	<b>HUF206400FLG-45</b>	392.50
	male hammer union x 150# flange includes nut and Buna-N O-ring	5-9/16" (with nut)	<b>HUM206400FLG</b>	397.00
	male hammer union x 150# flange short includes nut and Buna-N O-ring	3-13/32" (with nut)	<b>HUM206400FLG-ST</b>	377.50
	male hammer union x 150# flange 45° elbow includes nut and Buna-N O-ring	12-1/32" (with nut)	<b>HUM206400FLG-45</b>	520.90
	O-ring (Buna-N)	----	<b>O347BU</b> <b>NEW</b>	1.35

## 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

### Material:

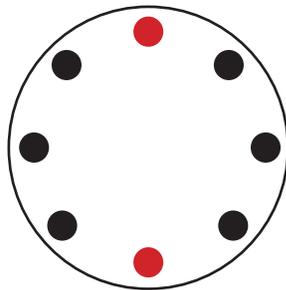
- WCA (weldable cast steel, grade A) meeting ASTM standards



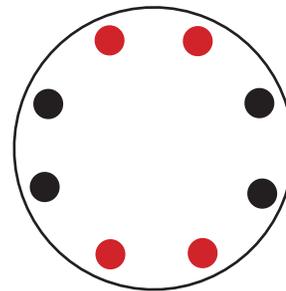
10½"

Size	Description	Weldable Cast Steel Part #	Price
4"	150# flange x weld adapter, vertical	<b>WA4FL12X750-1</b>	<b>\$680.00</b>
	150# flange x weld adapter, offset	<b>WA4FL12X750-2</b>	<b>680.00</b>
	150# flange x weld adapter, vertical	<b>WA4FL12X1050-1</b>	<b>815.00</b>
	150# flange x weld adapter, offset	<b>WA4FL12X1050-2</b>	<b>815.00</b>

### Vertical Pattern



### Offset Pattern



## Hammer Union Caps and Plugs

### Application:

- Prevents leakage of hydraulic fracturing fluids from hammer union connections used on manifolds and hose assemblies. Hammer union caps and plugs can be used in pressurized service or as dust caps/plugs on site or when transferring equipment.

### 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	<b>HUC207400</b>	<b>\$192.60</b>
	hammer union plug	<b>HUP207400</b>	<b>192.60</b>
	O-ring (Buna-N)	<b>O429BU</b>	<b>2.00</b>



cap



plug

**B****Application:**

- transfer of fluids and solids, 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 or solids
- rated to **250 PSI**, recommendation based on the use of mating Dixon™ L-style fittings at ambient temperature (**70°F**) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon™
- does not interchange with standard cam and groove products use only with Dixon™ L-style fittings 
- safety orange powder coated cam arms

**Materials:**

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

**Attachment:**

- ferrules, sleeves, bands, and other reliable options

## Vent-Lock™ Safety Cam and Groove Couplings

### Vent-Lock™ Type A Adapters

female NPT x male adapter

**NEW****NEW**

Size	316 Stainless Steel	
	Part #	Price/E
1"	<b>L100-A-SS</b>	<b>\$72.95</b>
1½"	<b>L150-A-SS</b>	<b>85.80</b>
2"	<b>L200-A-SS</b>	<b>94.70</b>
3"	<b>L300-A-SS</b>	<b>215.00</b>

### Vent-Lock™ Type C Couplers

female coupler x hose shank

**NEW**

Size	316 Stainless Steel	
	Part #	Price/E
1"	<b>L100-C-SS</b>	<b>\$111.35</b>
1½"	<b>L150-C-SS</b>	<b>160.00</b>
2"	<b>L200-C-SS</b>	<b>168.60</b>

- new Vent-Lock™ inventory will feature safety orange powder coated cam arms

### Vent-Lock™ Type E Adapters

male adapter x hose shank

**NEW****NEW**

Size	type E 316 Stainless Steel	
	Part #	Price/E
1"	<b>L100-E-SS</b>	<b>\$75.40</b>
1½"	<b>L150-E-SS</b>	<b>99.00</b>
2"	<b>L200-E-SS</b>	<b>106.65</b>
3"	<b>L300-E-SS</b>	<b>272.75</b>

## Vent-Lock™ Safety Cam and Groove Couplings

## Vent-Lock™ Type DC Dust Caps

Size	316 Stainless Steel	
	Part #	Price/E
1"	<b>L100-DC-SS</b>	<b>\$101.50</b>
1½"	<b>L150-DC-SS</b>	<b>134.95</b>
2"	<b>L200-DC-SS</b>	<b>150.60</b>

**NEW**

- new Vent-Lock™ inventory will feature safety orange powder coated cam arms



## Vent-Lock™ Type DP Dust Plugs

Size	type DP 316 Stainless Steel	
	Part #	Price/E
1"	<b>L100-DP-SS</b>	<b>\$63.10</b>
1½"	<b>L150-DP-SS</b>	<b>72.20</b>
2"	<b>L200-DP-SS</b>	<b>93.75</b>
3"	<b>L300-DP-SS</b>	<b>130.00</b>

**NEW****NEW**

## Vent-Lock™ Safety EZ Boss-Lock™ Couplings

Size	type C 316 Stainless Steel		type D 316 Stainless Steel		type H 316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	<b>RLC100EZ</b>	<b>\$119.65</b>	---	---	<b>RLH100EZ</b>	<b>\$105.40</b>
1½"	<b>RLC150EZ</b>	<b>154.50</b>	---	---	<b>RLH150EZ</b>	<b>140.50</b>
2"	<b>RLC200EZ</b>	<b>163.50</b>	<b>RLD200EZ</b>	<b>\$158.75</b>	<b>RLH200EZ</b>	<b>154.95</b>
3"	<b>RLC300EZ<sup>1</sup></b>	<b>375.00</b>	---	---	<b>RLH300EZ</b>	<b>194.00</b>

<sup>1</sup> has drop shank**NEW**

## Vent-Lock™ Safety Accessories

## Dixon™ handle / ring / pin

Size	316 Stainless Steel	
	Part #	Price/E
1"	<b>L100-HSCRPI-SI</b>	<b>\$18.00</b>
1½" - 2"	<b>L200-HSCRPI-SI</b>	<b>18.25</b>



## EZ Boss-Lock™ handle / ring / pin

Size	316 Stainless Steel	
	Part #	Price/E
1"	<b>LRHEZ175</b>	<b>\$20.00</b>
1½" - 2"	<b>LRHEZ152</b>	<b>21.50</b>
3"	<b>LRHEZ34</b>	<b>24.00</b>

**NEW**

C

# *What's the Future of Cam and Groove?*



Andrews 1980

Boss-Lock 1985

EZ-Boss Lock 1996

Vent-Lock 2015

... 2016

# *Coming in 2016*



The Right Connection®

## Vent-Lock™ Safety Cam and Groove Couplings

### 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 or solids
- rated to **250 PSI**, recommendation based on the use of mating Dixon™ L-style fittings at ambient temperature (**70°F**) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon™
- does not interchange with standard cam and groove products use only with Dixon™ L-style fittings



C

## 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



## Dixon™

### 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.



# King Crimp™ System Cam & Groove

C



Dixon™ Type C domestic coupler



EZ Boss-Lock™ Type C domestic coupler



Type C global coupler



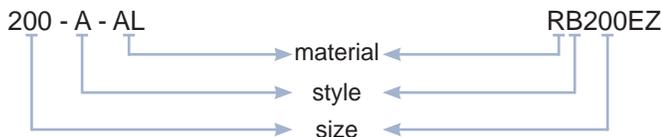
Dixon™ Type E domestic adapter



Type E global adapter

- for a complete listing of the King Crimp™ system products, including cam and groove fittings, please reference pages 12-20

## Ordering System



## Operation of Cam and Groove

1. To make connection, simply slide the adapter into the coupler and with normal hand pressure, press the cam levers down.
2. 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 ½" 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:

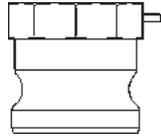
Size	½"	¾" thru 2"	2½"	3"	4"	5" and 6"	8"
PSI	150	250	150	125	100	75	50
PSI	150	250	150	150	150	75	50

(working pressure with King Crimp™ Ferrule system)

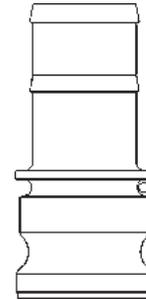
# Cam and Groove Line Drawings

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

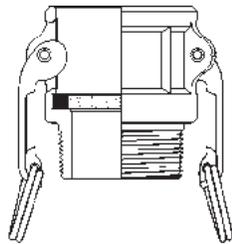
C



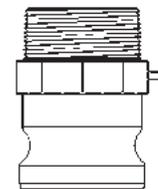
**Type A**  
female NPT x male adapter



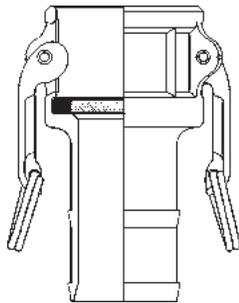
**Type E**  
male adapter x hose shank



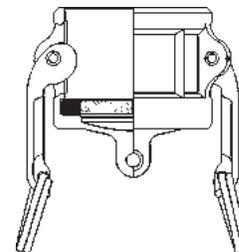
**Type B**  
female coupler x male NPT



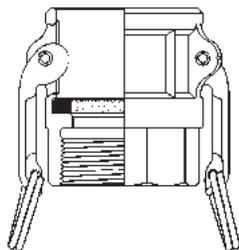
**Type F**  
male NPT x male adapter



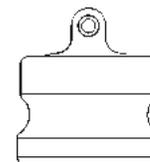
**Type C**  
female coupler x hose shank



**Type DC**<sup>1</sup>  
dust cap



**Type D**  
female coupler x female NPT



**Type DP**<sup>1</sup>  
dust plug



<sup>1</sup> 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!

## Hastelloy® Adapters

C



Type A  
female NPT x male adapter



Type F  
male NPT x male adapter



Type E  
male adapter x hose shank

Size	Hastelloy® CW12MW Part #	Price/E	Hastelloy® CW12MW Part #	Price/E	Hastelloy® CW12MW Part #	Price/E
1"	<b>100-A-HA</b>	<b>\$290.00</b>	<b>100-F-HA</b>	<b>\$245.00</b>	<b>100-E-HA</b>	<b>\$271.00</b>
1½"	<b>150-A-HA</b>	<b>360.00</b>	<b>150-F-HA</b>	<b>505.00</b>	<b>150-E-HA</b>	<b>345.00</b>
2"	<b>200-A-HA</b>	<b>405.00</b>	<b>200-F-HA</b>	<b>620.00</b>	<b>200-E-HA</b>	<b>445.00</b>
3"	<b>300-A-HA</b>	<b>800.00</b>	<b>300-F-HA</b>	<b>995.00</b>	<b>300-E-HA</b>	<b>1300.00</b>

## 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



Type C  
female coupler x hose shank



Type D  
female coupler x female NPT



Type B  
female coupler x male NPT

Size	Hastelloy® CW12MW Part #	Price/E	Hastelloy® CW12MW Part #	Price/E	Hastelloy® CW12MW Part #	Price/E
1"	<b>HAC100EZ</b>	<b>\$460.00</b>	<b>HAD100EZ</b>	<b>\$492.00</b>	<b>HAB100EZ</b>	<b>\$420.40</b>
1½"	<b>HAC150EZ</b>	<b>560.00</b>	<b>HAD150EZ</b>	<b>615.00</b>	<b>HAB150EZ</b>	<b>525.40</b>
2"	<b>HAC200EZ</b>	<b>611.00</b>	<b>HAD200EZ</b>	<b>645.00</b>	<b>HAB200EZ</b>	<b>568.30</b>
3"	<b>HAC300EZ</b>	<b>1700.00</b>	<b>HAD300EZ</b>	<b>1200.00</b>	<b>HAB300EZ</b>	<b>1100.00</b>

## 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 32.

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"	<b>50-A-AL</b> <sup>2</sup>	<b>\$12.00</b>	---	---	<b>50-A-BR</b>	<b>\$19.00</b>
3/4" x 1/2"	<b>7550-A-AL</b> <sup>2</sup>	<b>15.25</b>	---	---	<b>7550-A-BR</b>	<b>36.70</b>
3/4"	<b>75-A-AL</b> <sup>2</sup>	<b>10.20</b>	---	---	<b>75-A-BR</b>	<b>23.10</b>
1"	<b>100-A-AL</b> <sup>2</sup>	<b>12.85</b>	---	---	<b>100-A-BR</b>	<b>26.90</b>
1 1/4"	<b>125-A-AL</b>	<b>17.20</b>	---	---	<b>125-A-BR</b>	<b>43.00</b>
1 1/2"	<b>150-A-AL</b>	<b>17.60</b>	<b>150-A-ALH</b>	<b>\$30.30</b>	<b>150-A-BR</b>	<b>43.95</b>
2"	<b>200-A-AL</b>	<b>19.30</b>	<b>200-A-ALH</b>	<b>36.00</b>	<b>200-A-BR</b>	<b>55.60</b>
2 1/2"	<b>250-A-AL</b>	<b>28.90</b>	---	---	<b>250-A-BR</b>	<b>98.50</b>
3"	<b>300-A-AL</b>	<b>27.95</b>	<b>300-A-ALH</b>	<b>47.00</b>	<b>300-A-BR</b>	<b>112.25</b>
4"	<b>400-A-AL</b>	<b>62.80</b>	<b>400-A-ALH</b>	<b>97.00</b>	<b>400-A-BR</b>	<b>190.00</b>
5"	<b>500-A-AL</b>	<b>102.00</b>	---	---	<b>500-A-BR</b>	<b>298.90</b>
6"	<b>600-A-AL</b>	<b>122.80</b>	<b>600-A-ALH</b>	<b>188.00</b>	<b>600-A-BR</b>	<b>397.00</b>
8" DIX	<b>800-A-AL</b> <sup>1</sup>	<b>341.25</b>	---	---	---	---
8" BL	<b>801-A-AL</b> <sup>1</sup>	<b>357.95</b>	---	---	---	---



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

<sup>2</sup> 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"	---	---	---	---	<b>50-A-SS</b>	<b>\$45.45</b>
3/4" x 1/2"	---	---	---	---	<b>7550-A-SS</b>	<b>67.70</b>
3/4"	---	---	<b>75-A-PM</b>	<b>\$16.95</b>	<b>75-A-SS</b>	<b>46.75</b>
1"	---	---	<b>100-A-PM</b>	<b>19.00</b>	<b>100-A-SS</b>	<b>49.40</b>
1 1/4"	---	---	---	---	<b>125-A-SS</b>	<b>61.30</b>
1 1/2"	<b>150-A-MI</b>	<b>\$26.00</b>	<b>150-A-PM</b>	<b>29.00</b>	<b>150-A-SS</b>	<b>59.40</b>
2"	<b>200-A-MI</b>	<b>32.10</b>	<b>200-A-PM</b>	<b>35.00</b>	<b>200-A-SS</b>	<b>63.00</b>
2 1/2"	---	---	---	---	<b>250-A-SS</b>	<b>198.75</b>
3"	<b>300-A-MI</b>	<b>50.80</b>	<b>300-A-PM</b>	<b>55.50</b>	<b>300-A-SS</b>	<b>120.00</b>
4"	<b>400-A-MI</b>	<b>82.00</b>	<b>400-A-PM</b>	<b>86.60</b>	<b>400-A-SS</b>	<b>222.00</b>
5"	<b>500-A-MI</b>	<b>173.25</b>	---	---	<b>500-A-SS</b>	<b>346.00</b>
6"	---	---	<b>600-A-PM</b> <sup>1</sup>	<b>190.00</b>	<b>600-A-SS</b>	<b>384.80</b>

<sup>1</sup> 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 78-79.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	<b>50-B-AL</b>	<b>\$25.60</b>	---	---	<b>50-B-BR</b>	<b>\$40.50</b>
¾"	<b>75-B-AL</b>	<b>25.75</b>	---	---	<b>75-B-BR</b>	<b>46.10</b>
1"	<b>100-B-AL</b>	<b>26.90</b>	---	---	<b>100-B-BR</b>	<b>51.00</b>
1¼"	<b>125-B-AL</b>	<b>44.70</b>	---	---	---	---
1½"	<b>150-B-AL</b>	<b>28.70</b>	<b>150-B-ALH</b>	<b>\$47.50</b>	<b>150-B-BR</b>	<b>76.25</b>
2"	<b>200-B-AL</b>	<b>35.10</b>	<b>200-B-ALH</b>	<b>54.00</b>	<b>200-B-BR</b>	<b>87.00</b>
2½"	<b>250-B-AL</b>	<b>66.00</b>	---	---	---	---
3"	<b>300-B-AL</b>	<b>56.25</b>	<b>300-B-ALH</b>	<b>81.30</b>	<b>300-B-BR</b>	<b>167.40</b>
4"	<b>400-B-AL</b>	<b>80.80</b>	<b>400-B-ALH</b>	<b>122.00</b>	<b>400-B-BR</b>	<b>228.00</b>
5"	<b>500-B-AL</b>	<b>140.90</b>	---	---	---	---
6"	<b>600-B-AL</b>	<b>186.80</b>	<b>600-B-ALH</b>	<b>267.00</b>	---	---
8"	<b>800-B-AL</b> <sup>1,2</sup>	<b>1030.00</b>	---	---	---	---



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

<sup>2</sup> 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"	---	---	<b>50-B-SS</b>	<b>\$74.80</b>
¾"	---	---	<b>75-B-SS</b>	<b>73.40</b>
1"	---	---	<b>100-B-SS</b>	<b>81.00</b>
1½"	<b>150-B-MI</b> <sup>1</sup>	<b>\$57.95</b>	<b>150-B-SS</b>	<b>105.80</b>
2"	<b>200-B-MI</b>	<b>70.50</b>	<b>200-B-SS</b>	<b>119.60</b>
2½"	---	---	<b>250-B-SS</b>	<b>284.00</b>
3"	<b>300-B-MI</b> <sup>1</sup>	<b>105.00</b>	<b>300-B-SS</b>	<b>225.00</b>
4"	<b>400-B-MI</b>	<b>154.05</b>	<b>400-B-SS</b>	<b>275.00</b>
6"	---	---	<b>600-B-SS</b>	<b>782.00</b>

<sup>1</sup> ductile iron

## Boss-Lock™ Type B Couplers

### female coupler x male NPT

**Features:**

- All Boss-Lock™ couplers are supplied with pull-ring safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.

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" x ½"	---	---	---	---	---	---	<b>RB050BL</b>	<b>\$98.25</b>
¾"	---	---	<b>BB075</b>	<b>\$69.00</b>	---	---	<b>RB075BL</b>	<b>91.30</b>
1"	<b>AB100</b>	<b>\$45.25</b>	<b>BB100</b>	<b>73.60</b>	<b>IB100</b>	<b>\$60.00</b>	<b>RB100BL</b>	<b>93.75</b>
1¼"	<b>AB125</b>	<b>49.35</b>	<b>BB125</b>	<b>88.30</b>	---	---	<b>RB125BL</b>	<b>133.35</b>
1½"	<b>AB150</b>	<b>44.40</b>	<b>BB150</b>	<b>96.30</b>	---	---	<b>RB150BL</b>	<b>128.00</b>
2"	<b>AB200</b>	<b>45.40</b>	<b>BB200</b>	<b>116.85</b>	<b>IB200</b>	<b>81.25</b>	<b>RB200BL</b>	<b>136.25</b>
2½"	<b>AB250</b>	<b>68.15</b>	<b>BB250</b>	<b>146.50</b>	---	---	---	---
3"	<b>AB300</b>	<b>75.25</b>	<b>BB300</b>	<b>205.00</b>	---	---	<b>RB300BL</b>	<b>256.00</b>
4"	<b>AB400</b>	<b>105.00</b>	<b>BB400</b>	<b>295.00</b>	---	---	<b>RB400BL</b>	<b>296.00</b>
6"	<b>AB600</b>	<b>281.90</b>	---	---	---	---	---	---

## 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 78-79.
-  Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use. See pages 31 and 76 for further specifications.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾" x ½"	---	---	---	---	<b>RB050EZ</b>	<b>\$119.00</b>
¾"	---	---	<b>BB075EZ</b>	<b>\$94.00</b>	<b>RB075EZ</b>	<b>104.00</b>
1"	<b>AB100EZ</b>	<b>\$69.20</b>	<b>BB100EZ</b>	<b>116.00</b>	<b>RB100EZ</b>	<b>109.70</b>
1¼"	---	---	<b>BB125EZ</b>	<b>126.00</b>	<b>RB125EZ</b>	<b>146.40</b>
1½"	<b>AB150EZ</b>	<b>79.75</b>	<b>BB150EZ</b>	<b>138.00</b>	<b>RB150EZ</b>	<b>143.65</b>
2"	<b>AB200EZ</b>	<b>81.30</b>	<b>BB200EZ</b>	<b>156.80</b>	<b>RB200EZ</b>	<b>157.00</b>
3"	<b>AB300EZ</b>	<b>120.75</b>	<b>BB300EZ</b>	<b>275.60</b>	<b>RB300EZ</b>	<b>272.95</b>
4"	<b>AB400EZ</b>	<b>152.50</b>	<b>BB400EZ</b>	<b>370.80</b>	<b>RB400EZ</b>	<b>325.00</b>
6"	---	---	---	---	<b>RB600EZ</b>	<b>595.30</b>

## Dixon™ Type C Couplers

female coupler x hose shank

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 78-79.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	<b>50-C-AL</b>	<b>\$21.50</b>	---	---	<b>50-C-BR</b>	<b>\$46.40</b>
¾"	<b>75-C-AL</b>	<b>24.70</b>	---	---	<b>75-C-BR</b>	<b>50.95</b>
1"	<b>100-C-AL</b>	<b>27.30</b>	---	---	<b>100-C-BR</b>	<b>62.05</b>
1¼"	<b>125-C-AL</b>	<b>57.00</b>	---	---	<b>125-C-BR</b>	<b>88.00</b>
1½"	<b>150-C-AL</b>	<b>34.75</b>	<b>150-C-ALH</b>	<b>\$46.00</b>	<b>150-C-BR</b>	<b>83.60</b>
2"	<b>200-C-AL</b>	<b>37.95</b>	<b>200-C-ALH</b>	<b>57.30</b>	<b>200-C-BR</b>	<b>105.90</b>
2½"	<b>250-C-AL</b>	<b>69.65</b>	---	---	<b>250-C-BR</b>	<b>136.00</b>
3"	<b>300-C-AL</b>	<b>60.00</b>	<b>300-C-ALH</b>	<b>87.95</b>	<b>300-C-BR</b>	<b>189.00</b>
4"	<b>400-C-AL</b>	<b>81.60</b>	<b>400-C-ALH</b>	<b>111.40</b>	<b>400-C-BR</b>	<b>238.00</b>
5"	<b>500-C-AL</b>	<b>123.85</b>	---	---	---	---
6"	<b>600-C-AL</b>	<b>195.95</b>	<b>600-C-ALH</b>	<b>251.00</b>	<b>600-C-BR</b>	<b>814.90</b>
8"	<b>800-C-AL</b> <sup>1</sup>	<b>757.00</b>	---	---	---	---



<sup>1</sup> Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" 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"	---	---	<b>50-C-SS</b>	<b>\$57.60</b>
¾"	---	---	<b>75-C-SS</b>	<b>69.10</b>
1"	---	---	<b>100-C-SS</b>	<b>79.30</b>
1¼"	---	---	<b>125-C-SS</b>	<b>138.40</b>
1½"	<b>150-C-MI</b>	<b>\$51.55</b>	<b>150-C-SS</b>	<b>96.60</b>
2"	<b>200-C-MI</b>	<b>54.00</b>	<b>200-C-SS</b>	<b>114.25</b>
2½"	---	---	<b>250-C-SS</b>	<b>292.50</b>
3"	<b>300-C-MI</b> <sup>1,2</sup>	<b>87.00</b>	<b>300-C-SS</b>	<b>198.70</b>
4"	<b>400-C-MI</b> <sup>1,2</sup>	<b>112.20</b>	<b>400-C-SS</b>	<b>336.00</b>
5"	---	---	<b>500-C-SS</b>	<b>474.00</b>
6"	<b>600-C-MI</b> <sup>1,2</sup>	<b>210.00</b>	<b>600-C-SS</b>	<b>548.00</b>

<sup>1</sup> Suitable for use with King Crimp™ sleeves and ferrules, see pages 14-17.

<sup>2</sup> ductile iron



## Boss-Lock™ Type C Couplers

female coupler x hose shank

## Features:

- All Boss-Lock™ couplers are supplied with pull-ring safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



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" x ½"	---	---	---	---	---	---	<b>RC050BL</b>	<b>\$91.00</b>
¾"	<b>AC075</b>	<b>\$36.00</b>	<b>BC075</b>	<b>\$57.00</b>	<b>IC075</b>	<b>\$66.25</b>	<b>RC075BL</b>	<b>93.50</b>
1"	<b>AC100</b>	<b>37.30</b>	<b>BC100</b>	<b>70.00</b>	<b>IC100</b>	<b>52.80</b>	<b>RC100BL</b>	<b>97.20</b>
1¼"	<b>AC125</b>	<b>46.25</b>	<b>BC125</b>	<b>95.50</b>	---	---	<b>RC125BL</b>	<b>136.50</b>
1½"	<b>AC150</b>	<b>43.80</b>	<b>BC150</b>	<b>96.80</b>	<b>IC150</b>	<b>63.00</b>	<b>RC150BLNO</b>	<b>122.75</b>
2"	<b>AC200</b>	<b>47.40</b>	<b>BC200</b>	<b>112.90</b>	<b>IC200</b>	<b>85.50</b>	<b>RC200BLNO</b>	<b>116.80</b>
2½"	<b>AC250</b>	<b>56.75</b>	<b>BC250</b>	<b>165.00</b>	---	---	---	---
3"	<b>AC300</b>	<b>69.00</b>	<b>BC300</b>	<b>178.00</b>	<b>IC300</b>	<b>108.70</b>	<b>RC300BL</b>	<b>210.40</b>
4"	<b>AC400</b>	<b>101.55</b>	<b>BC400</b>	<b>303.00</b>	<b>IC400</b> <sup>2</sup>	<b>150.00</b>	<b>RC400BLNO</b>	<b>297.00</b>
6"	<b>AC600</b>	<b>223.65</b>	<b>BC600</b>	<b>710.00</b>	<b>IC600</b> <sup>2</sup>	<b>391.00</b>	---	---
8"	<b>AC800</b> <sup>1</sup>	<b>568.00</b>	---	---	---	---	---	---



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

<sup>2</sup> 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 78-79.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾" x ½"	---	---	---	---	<b>RC050EZ</b>	<b>\$107.00</b>
¾"	<b>AC075EZ</b>	<b>\$60.80</b>	<b>BC075EZ</b>	<b>\$108.70</b>	<b>RC075EZ</b>	<b>99.00</b>
1"	<b>AC100EZ</b>	<b>68.80</b>	<b>BC100EZ</b>	<b>112.00</b>	<b>RC100EZCR</b>	<b>110.80</b>
1¼"	---	---	<b>BC125EZ</b>	<b>160.00</b>	<b>RC125EZCR</b>	<b>154.50</b>
1½"	<b>AC150EZ</b>	<b>72.80</b>	<b>BC150EZ</b>	<b>129.00</b>	<b>RC150EZNO</b>	<b>113.75</b>
2"	<b>AC200EZ</b>	<b>78.40</b>	<b>BC200EZ</b>	<b>145.90</b>	<b>RC200EZNO</b>	<b>121.30</b>
2½"	<b>AC250EZ</b>	<b>89.25</b>	---	---	---	---
3"	<b>AC300EZ</b>	<b>114.40</b>	<b>BC300EZ</b>	<b>235.00</b>	<b>RC300EZCR</b>	<b>210.00</b>
4"	<b>AC400EZ</b>	<b>146.00</b>	<b>BC400EZ</b>	<b>340.00</b>	<b>RC400EZCR</b>	<b>315.00</b>
6"	<b>AC600EZ</b>	<b>336.00</b>	---	---	<b>RC600EZCR</b>	<b>599.00</b>
8"	<b>AC800EZ</b> <sup>1</sup>	<b>615.00</b>	---	---	---	---



<sup>1</sup> 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.

*Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use.*

See pages 31 and 76 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 78-79.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	<b>50-D-AL</b>	<b>\$25.80</b>	---	---	<b>50-D-BR</b>	<b>\$39.00</b>
¾"	<b>75-D-AL</b>	<b>25.60</b>	---	---	<b>75-D-BR</b>	<b>50.70</b>
1"	<b>100-D-AL</b>	<b>26.25</b>	---	---	<b>100-D-BR</b>	<b>49.60</b>
1¼"	<b>125-D-AL</b>	<b>49.50</b>	---	---	<b>125-D-BR</b>	<b>87.70</b>
1½"	<b>150-D-AL</b>	<b>32.75</b>	<b>150-D-ALH</b>	<b>\$53.80</b>	<b>150-D-BR</b>	<b>72.50</b>
2"	<b>200-D-AL</b>	<b>36.00</b>	<b>200-D-ALH</b>	<b>59.00</b>	<b>200-D-BR</b>	<b>91.00</b>
2½"	<b>250-D-AL</b>	<b>64.15</b>	---	---	<b>250-D-BR</b>	<b>137.45</b>
3"	<b>300-D-AL</b>	<b>55.00</b>	<b>300-D-ALH</b>	<b>81.60</b>	<b>300-D-BR</b>	<b>159.00</b>
4"	<b>400-D-AL</b>	<b>77.90</b>	<b>400-D-ALH</b>	<b>125.00</b>	<b>400-D-BR</b>	<b>239.00</b>
5"	<b>500-D-AL</b>	<b>130.00</b>	---	---	<b>500-D-BR</b>	<b>462.00</b>
6"	<b>600-D-AL</b>	<b>177.00</b>	<b>600-D-ALH</b>	<b>260.00</b>	<b>600-D-BR</b>	<b>645.00</b>
8"	<b>800-D-AL</b> <sup>1</sup>	<b>777.00</b>	---	---	---	---



<sup>1</sup> Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" 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"	---	---	<b>50-D-SS</b>	<b>\$70.60</b>
¾"	---	---	<b>75-D-SS</b>	<b>76.40</b>
1"	---	---	<b>100-D-SS</b>	<b>80.00</b>
1¼"	---	---	<b>125-D-SS</b>	<b>133.00</b>
1½"	<b>150-D-MI</b>	<b>\$55.00</b>	<b>150-D-SS</b>	<b>108.15</b>
2"	<b>200-D-MI</b>	<b>56.95</b>	<b>200-D-SS</b>	<b>117.70</b>
2½"	---	---	<b>250-D-SS</b>	<b>238.00</b>
3"	<b>300-D-MI</b>	<b>99.75</b>	<b>300-D-SS</b>	<b>219.30</b>
4"	<b>400-D-MI</b> <sup>1</sup>	<b>124.50</b>	<b>400-D-SS</b>	<b>306.00</b>
5"	<b>500-D-MI</b>	<b>211.00</b>	<b>500-D-SS</b>	<b>535.00</b>
6"	---	---	<b>600-D-SS</b>	<b>620.00</b>

<sup>1</sup> ductile iron

## Boss-Lock™ Type D Couplers

female coupler x female NPT

## Features:

- All Boss-Lock™ couplers are supplied with pull-ring safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.



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"	<b>AD050</b>	\$46.40	<b>BD050</b>	\$61.95	---	---	<b>RD050BL</b>	\$105.00
3/4"	<b>AD075</b>	42.60	<b>BD075</b>	60.60	<b>ID075</b>	\$52.10	<b>RD075BL</b>	90.60
1"	<b>AD100</b>	39.20	<b>BD100</b>	66.50	<b>ID100</b>	55.30	<b>RD100BL</b>	92.20
1 1/4"	<b>AD125</b>	47.00	<b>BD125</b>	85.00	---	---	<b>RD125BL</b>	130.20
1 1/2"	<b>AD150</b>	43.00	<b>BD150</b>	82.00	<b>ID150</b>	66.65	<b>RD150BL</b>	119.40
2"	<b>AD200</b>	44.40	<b>BD200</b>	99.60	<b>ID200</b>	78.70	<b>RD200BL</b>	132.90
2 1/2"	<b>AD250</b>	67.40	<b>BD250</b>	171.00	---	---	---	---
3"	<b>AD300</b>	67.60	<b>BD300</b>	187.00	<b>ID300</b>	113.50	<b>RD300BL</b>	248.00
4"	<b>AD400</b>	87.85	<b>BD400</b>	255.00	<b>ID400</b>	129.50	<b>RD400BL</b>	323.00
5"	<b>AD500</b>	141.00	---	---	---	---	---	---
6"	<b>AD600</b>	224.80	<b>BD600</b>	632.00	<b>ID600</b> <sup>2</sup>	418.00	---	---
8"	<b>AD800</b> <sup>1</sup>	526.70	---	---	---	---	---	---



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

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

<sup>2</sup> 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 78-79.



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"	---	---	---	---	<b>RD050EZ</b>	\$121.50	---	---
3/4"	<b>AD075EZ</b>	\$67.25	<b>BD075EZ</b>	\$105.00	<b>RD075EZ</b>	106.50	---	---
1"	<b>AD100EZ</b>	70.55	<b>BD100EZ</b>	111.00	<b>RD100EZ</b>	107.20	---	---
1 1/4"	---	---	<b>BD125EZ</b>	142.00	<b>RD125EZ</b>	141.70	---	---
1 1/2"	<b>AD150EZ</b>	76.90	<b>BD150EZ</b>	123.00	<b>RD150EZ</b>	145.80	---	---
2"	<b>AD200EZ</b>	75.25	<b>BD200EZ</b>	143.50	<b>RD200EZ</b>	147.00	---	---
2 1/2"	<b>AD250EZ</b>	94.30	<b>BD250EZ</b>	200.00	<b>RD250EZ</b>	265.00	---	---
3"	<b>AD300EZ</b>	120.10	<b>BD300EZ</b>	253.00	<b>RD300EZ</b>	278.00	<b>RD300EZHD</b>	\$265.00
4"	<b>AD400EZ</b>	138.20	<b>BD400EZ</b>	310.00	<b>RD400EZ</b>	337.60	<b>RD400EZHD</b>	420.00
5"	<b>AD500EZ</b>	205.00	---	---	---	---	---	---
6"	<b>AD600EZ</b>	327.00	---	---	<b>RD600EZ</b>	550.00	---	---
8"	<b>AD800EZ</b> <sup>1</sup>	536.00	---	---	---	---	---	---



<sup>1</sup> 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 31 and 76 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 32.



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	<b>50-E-AL</b>	<b>\$16.00</b>	---	---	<b>50-E-BR</b>	<b>\$25.50</b>
¾" x ½"	<b>7550-E-AL</b>	<b>13.00</b>	---	---	---	---
¾"	<b>75-E-AL</b>	<b>12.30</b>	---	---	<b>75-E-BR</b>	<b>26.00</b>
1"	<b>100-E-AL</b>	<b>14.60</b>	---	---	<b>100-E-BR</b>	<b>40.85</b>
1¼"	<b>125-E-AL</b>	<b>19.30</b>	---	---	<b>125-E-BR</b>	<b>53.50</b>
1½"	<b>150-E-AL</b>	<b>20.25</b>	<b>150-E-ALH</b>	<b>\$34.65</b>	<b>150-E-BR</b>	<b>62.95</b>
2"	<b>200-E-AL</b>	<b>24.20</b>	<b>200-E-ALH</b>	<b>41.25</b>	<b>200-E-BR</b>	<b>86.85</b>
2½"	<b>250-E-AL</b>	<b>35.50</b>	---	---	<b>250-E-BR</b>	<b>121.00</b>
3"	<b>300-E-AL</b>	<b>38.85</b>	<b>300-E-ALH</b>	<b>62.00</b>	<b>300-E-BR</b>	<b>142.25</b>
4"	<b>400-E-AL</b>	<b>70.95</b>	<b>400-E-ALH</b>	<b>105.00</b>	<b>400-E-BR</b>	<b>243.00</b>
5"	<b>500-E-AL</b>	<b>107.00</b>	---	---	---	---
6"	<b>600-E-AL</b>	<b>147.70</b>	<b>600-E-ALH</b>	<b>210.00</b>	<b>600-E-BR</b>	<b>624.00</b>
8" DIX	<b>800-E-AL</b> <sup>1</sup>	<b>567.00</b>	---	---	---	---
8" BL	<b>801-E-AL</b> <sup>1</sup>	<b>584.50</b>	---	---	---	---

**!** <sup>1</sup> Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" 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
½"	---	---	---	---	<b>50-E-SS</b>	<b>\$46.35</b>
¾" x ½"	---	---	---	---	<b>7550-E-SS</b>	<b>55.20</b>
¾"	---	---	<b>75-E-PM</b>	<b>\$25.60</b>	<b>75-E-SS</b>	<b>49.20</b>
1"	---	---	<b>100-E-PM</b>	<b>28.10</b>	<b>100-E-SS</b>	<b>51.00</b>
1¼"	---	---	<b>125-E-PM</b>	<b>31.00</b>	<b>125-E-SS</b>	<b>72.10</b>
1½"	<b>150-E-MI</b>	<b>\$32.60</b>	<b>150-E-PM</b>	<b>35.40</b>	<b>150-E-SS</b>	<b>72.35</b>
2"	<b>200-E-MI</b>	<b>41.45</b>	<b>200-E-PM</b>	<b>43.50</b>	<b>200-E-SS</b>	<b>76.35</b>
2½"	---	---	---	---	<b>250-E-SS</b>	<b>198.00</b>
3"	<b>300-E-MI</b> <sup>1,2</sup>	<b>53.20</b>	<b>300-E-PM</b> <sup>1,2</sup>	<b>60.00</b>	<b>300-E-SS</b>	<b>141.50</b>
4"	<b>400-E-MI</b> <sup>1,2</sup>	<b>86.35</b>	<b>400-E-PM</b> <sup>1,2</sup>	<b>99.75</b>	<b>400-E-SS</b>	<b>278.00</b>
5"	---	---	---	---	<b>500-E-SS</b>	<b>420.00</b>
6"	<b>600-E-MI</b> <sup>1,2</sup>	<b>184.80</b>	<b>600-E-PM</b> <sup>1,2</sup>	<b>231.00</b>	<b>600-E-SS</b>	<b>554.00</b>

<sup>1</sup> Suitable for King Crimp™ sleeves and ferrules, see pages 14-17.

<sup>2</sup> 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 32.

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"	<b>50-F-AL</b>	<b>\$11.00</b>	---	---	<b>50-F-BR</b>	<b>\$23.15</b>
3/4" x 1/2"	<b>7550-F-AL</b>	<b>24.00</b>	---	---	<b>7550-F-BR</b>	<b>55.50</b>
3/4"	<b>75-F-AL</b>	<b>12.30</b>	---	---	<b>75-F-BR</b>	<b>28.10</b>
1"	<b>100-F-AL</b>	<b>15.95</b>	---	---	<b>100-F-BR</b>	<b>36.10</b>
1 1/4"	<b>125-F-AL</b>	<b>19.15</b>	---	---	<b>125-F-BR</b>	<b>54.25</b>
1 1/2"	<b>150-F-AL</b>	<b>19.90</b>	<b>150-F-ALH</b>	<b>\$34.10</b>	<b>150-F-BR</b>	<b>47.45</b>
2"	<b>200-F-AL</b>	<b>21.10</b>	<b>200-F-ALH</b>	<b>38.30</b>	<b>200-F-BR</b>	<b>57.30</b>
2 1/2"	<b>250-F-AL</b>	<b>38.30</b>	---	---	<b>250-F-BR</b>	<b>132.50</b>
3"	<b>300-F-AL</b>	<b>38.25</b>	<b>300-F-ALH</b>	<b>62.90</b>	<b>300-F-BR</b>	<b>152.00</b>
4"	<b>400-F-AL</b>	<b>72.50</b>	<b>400-F-ALH</b>	<b>109.00</b>	<b>400-F-BR</b>	<b>218.00</b>
5"	<b>500-F-AL</b>	<b>133.00</b>	---	---	---	---
6"	<b>600-F-AL</b>	<b>149.00</b>	<b>600-F-ALH</b>	<b>220.45</b>	<b>600-F-BR</b>	<b>585.00</b>
8" DIX	<b>800-F-AL</b> <sup>1</sup>	<b>450.00</b>	---	---	---	---
8" BL	<b>801-F-AL</b> <sup>1</sup>	<b>460.00</b>	---	---	---	---

<sup>1</sup> Dixon™ and Boss-Lock™ cam and groove couplings do not interchange in the 1/2" and 8" 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"	---	---	---	---	<b>50-F-SS</b>	<b>\$48.40</b>
3/4" x 1/2"	---	---	---	---	<b>7550-F-SS</b>	<b>73.00</b>
3/4"	---	---	<b>75-F-PM</b>	<b>\$24.75</b>	<b>75-F-SS</b>	<b>55.30</b>
1"	---	---	<b>100-F-PM</b>	<b>22.80</b>	<b>100-F-SS</b>	<b>60.75</b>
1 1/4"	---	---	---	---	<b>125-F-SS</b>	<b>84.70</b>
1 1/2"	<b>150-F-MI</b>	<b>\$33.10</b>	<b>150-F-PM</b>	<b>35.25</b>	<b>150-F-SS</b>	<b>79.30</b>
2"	<b>200-F-MI</b>	<b>38.75</b>	<b>200-F-PM</b>	<b>43.40</b>	<b>200-F-SS</b>	<b>83.00</b>
2 1/2"	---	---	---	---	<b>250-F-SS</b>	<b>285.00</b>
3"	<b>300-F-MI</b>	<b>73.25</b>	<b>300-F-PM</b>	<b>76.00</b>	<b>300-F-SS</b>	<b>180.00</b>
4"	<b>400-F-MI</b>	<b>108.00</b>	<b>400-F-PM</b>	<b>113.20</b>	<b>400-F-SS</b>	<b>292.30</b>
6"	---	---	<b>600-F-PM</b>	<b>275.00</b>	<b>600-F-SS</b>	<b>415.80</b>

## Dixon™ Type DC Dust Caps

**Features:**

- Finger rings are not supplied on ½" - 1" Dixon™ couplings.
- ½" Dixon™ has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79



356T6 aluminum



aluminum hard coat



brass

Size	356T6 Aluminum		Aluminum Hard Coat		Brass	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	<b>50-DC-AL</b>	<b>\$23.60</b>	---	---	<b>50-DC-BR</b>	<b>\$34.25</b>
¾"	<b>75-DC-AL</b>	<b>25.85</b>	---	---	<b>75-DC-BR</b>	<b>45.30</b>
1"	<b>100-DC-AL</b>	<b>24.85</b>	---	---	<b>100-DC-BR</b>	<b>52.00</b>
1½"	<b>150-DC-AL</b>	<b>32.75</b>	<b>150-DC-ALH</b>	<b>\$47.00</b>	<b>150-DC-BR</b>	<b>77.00</b>
2"	<b>200-DC-AL</b>	<b>30.20</b>	<b>200-DC-ALH</b>	<b>48.00</b>	<b>200-DC-BR</b>	<b>72.00</b>
2½"	<b>250-DC-AL</b>	<b>54.20</b>	---	---	---	---
3"	<b>300-DC-AL</b>	<b>41.10</b>	<b>300-DC-ALH</b>	<b>65.30</b>	<b>300-DC-BR</b>	<b>105.00</b>
4"	<b>400-DC-AL</b>	<b>54.00</b>	<b>400-DC-ALH</b>	<b>96.50</b>	<b>400-DC-BR</b>	<b>153.00</b>
5"	<b>500-DC-AL</b>	<b>86.40</b>	---	---	<b>500-DC-BR</b>	<b>336.00</b>
6"	<b>600-DC-AL</b>	<b>132.80</b>	<b>600-DC-ALH</b>	<b>205.00</b>	---	---
8"	<b>800-DC-AL</b> <sup>1</sup>	<b>534.00</b>	---	---	---	---



<sup>1</sup> Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" 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
½"	---	---	<b>50-DC-SS</b>	<b>\$66.95</b>
¾"	---	---	<b>75-DC-SS</b>	<b>63.75</b>
1"	---	---	<b>100-DC-SS</b>	<b>71.50</b>
1½"	---	---	<b>150-DC-SS</b>	<b>89.00</b>
2"	<b>200-DC-MI</b>	<b>\$53.00</b>	<b>200-DC-SS</b>	<b>105.00</b>
2½"	---	---	<b>250-DC-SS</b>	<b>209.00</b>
3"	<b>300-DC-MI</b>	<b>67.20</b>	<b>300-DC-SS</b>	<b>133.00</b>
4"	<b>400-DC-MI</b>	<b>106.00</b>	<b>400-DC-SS</b>	<b>195.00</b>
5"	---	---	<b>500-DC-SS</b>	<b>415.00</b>
6"	---	---	<b>600-DC-SS</b>	<b>490.00</b>

## Dust Cap 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



Part #	Description	Price/E
<b>300-DC-ALPH</b>	3" aluminum dust cap with pull handle	<b>\$79.80</b>
<b>400-DC-ALPH</b>	4" aluminum dust cap with pull handle	<b>91.85</b>



*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 pull-ring safety clips.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 78-79.

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"	---	---	---	---	---	---	<b>RH075BL</b>	<b>\$76.80</b>
1"	<b>AH100</b>	<b>\$40.50</b>	<b>BH100</b>	<b>\$67.10</b>	---	---	<b>RH100BL</b>	<b>81.95</b>
1¼"	<b>AH125</b>	<b>41.10</b>	<b>BH125</b>	<b>81.00</b>	---	---	<b>RH125BL</b>	<b>104.25</b>
1½"	<b>AH150</b>	<b>43.20</b>	<b>BH150</b>	<b>84.90</b>	<b>IH150</b>	<b>\$59.00</b>	<b>RH150BL</b>	<b>105.25</b>
2"	<b>AH200</b>	<b>44.30</b>	<b>BH200</b>	<b>108.70</b>	<b>IH200</b>	<b>72.80</b>	<b>RH200BL</b>	<b>122.95</b>
2½"	<b>AH250</b>	<b>48.20</b>	<b>BH250</b>	<b>129.00</b>	---	---	---	---
3"	<b>AH300</b>	<b>71.40</b>	<b>BH300</b>	<b>160.00</b>	<b>IH300</b>	<b>97.40</b>	<b>RH300BL</b>	<b>188.65</b>
4"	<b>AH400</b>	<b>79.00</b>	<b>BH400</b>	<b>210.00</b>	<b>IH400</b>	<b>125.70</b>	<b>RH400BL</b>	<b>224.00</b>
6"	<b>AH600</b>	<b>218.35</b>	<b>BH600</b>	<b>520.00</b>	<b>IH600</b>	<b>315.00</b>	---	---
8"	<b>AH800</b> <sup>1</sup>	<b>438.80</b>	---	---	---	---	---	---



<sup>1</sup> Dixon™ and Boss-Lock™ cam and groove couplings *do not interchange in the ½" and 8" 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 78-79.



356T6 aluminum



brass



316 stainless

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	---	---	---	---	<b>RH075EZ</b>	<b>\$93.90</b>
1"	<b>AH100EZ</b>	<b>\$71.30</b>	<b>BH100EZ</b>	<b>\$114.00</b>	<b>RH100EZ</b>	<b>97.60</b>
1¼"	---	---	---	---	<b>RH125EZ</b>	<b>129.70</b>
1½"	<b>AH150EZ</b>	<b>72.00</b>	<b>BH150EZ</b>	<b>123.00</b>	<b>RH150EZ</b>	<b>126.30</b>
2"	<b>AH200EZ</b>	<b>72.80</b>	<b>BH200EZ</b>	<b>130.00</b>	<b>RH200EZ</b>	<b>143.45</b>
2½"	<b>AH250EZ</b>	<b>80.00</b>	---	---	---	---
3"	<b>AH300EZ</b>	<b>103.50</b>	<b>BH300EZ</b>	<b>244.00</b>	<b>RH300EZ</b>	<b>199.50</b>
4"	<b>AH400EZ</b>	<b>122.40</b>	---	---	<b>RH400EZ</b>	<b>245.00</b>
6"	<b>AH600EZ</b>	<b>260.00</b>	---	---	<b>RH600EZ</b>	<b>467.00</b>



• Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use. See pages 31 and 76 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"	---	---	---	---	<b>50-DP-BR</b>	<b>\$26.00</b>
3/4"	<b>75-DP-AL</b>	<b>\$12.80</b>	---	---	<b>75-DP-BR</b>	<b>30.95</b>
1"	<b>100-DP-AL</b>	<b>14.95</b>	---	---	<b>100-DP-BR</b>	<b>26.75</b>
1 1/4"	<b>125-DP-AL</b>	<b>17.70</b>	---	---	<b>125-DP-BR</b>	<b>46.35</b>
1 1/2"	<b>150-DP-AL</b>	<b>17.70</b>	<b>150-DP-ALH</b>	<b>\$32.25</b>	<b>150-DP-BR</b>	<b>50.45</b>
2"	<b>200-DP-AL</b>	<b>17.85</b>	<b>200-DP-ALH</b>	<b>36.20</b>	<b>200-DP-BR</b>	<b>50.70</b>
2 1/2"	<b>250-DP-AL</b>	<b>26.55</b>	---	---	---	---
3"	<b>300-DP-AL</b>	<b>25.80</b>	<b>300-DP-ALH</b>	<b>47.00</b>	<b>300-DP-BR</b>	<b>78.50</b>
4"	<b>400-DP-AL</b>	<b>38.25</b>	<b>400-DP-ALH</b>	<b>70.00</b>	<b>400-DP-BR</b>	<b>170.00</b>
5"	<b>500-DP-AL</b>	<b>64.25</b>	---	---	---	---
6"	<b>600-DP-AL</b>	<b>83.00</b>	<b>600-DP-ALH</b>	<b>130.60</b>	<b>600-DP-BR</b>	<b>540.00</b>
8" DIX	<b>800-DP-AL</b> <sup>1</sup>	<b>355.00</b>	---	---	---	---
8" BL	<b>801-DP-AL</b> <sup>1</sup>	<b>361.00</b>	---	---	---	---



<sup>1</sup> Dixon™ and Boss-Lock™ cam and groove couplings do not interchange in the 1/2" and 8" 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"	---	---	---	---	<b>50-DP-SS</b>	<b>\$40.60</b>
3/4"	---	---	---	---	<b>75-DP-SS</b>	<b>42.40</b>
1"	---	---	---	---	<b>100-DP-SS</b>	<b>44.50</b>
1 1/4"	---	---	<b>125-DP-PM</b>	<b>\$31.00</b>	<b>125-DP-SS</b>	<b>47.80</b>
1 1/2"	<b>150-DP-MI</b>	<b>\$26.00</b>	<b>150-DP-PM</b>	<b>27.05</b>	<b>150-DP-SS</b>	<b>56.90</b>
2"	<b>200-DP-MI</b>	<b>32.15</b>	<b>200-DP-PM</b>	<b>35.30</b>	<b>200-DP-SS</b>	<b>64.00</b>
2 1/2"	---	---	<b>250-DP-PM</b>	<b>37.10</b>	<b>250-DP-SS</b>	<b>159.00</b>
3"	<b>300-DP-MI</b>	<b>41.10</b>	<b>300-DP-PM</b>	<b>44.80</b>	<b>300-DP-SS</b>	<b>102.70</b>
4"	<b>400-DP-MI</b>	<b>68.90</b>	<b>400-DP-PM</b>	<b>76.50</b>	<b>400-DP-SS</b>	<b>175.00</b>
5"	---	---	---	---	---	---
6"	---	---	---	---	<b>600-DP-SS</b>	<b>378.00</b>

## Dust Plug 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



Part #	Description	Price/E
<b>300-DP-ALPH</b>	3" aluminum dust plug with pull handle	<b>\$51.50</b>
<b>400-DP-ALPH</b>	4" aluminum dust plug with pull handle	<b>42.15</b>



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

## Dixon™ Reducing Cam and Groove Couplings

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 78-79

**coupler x adapter**

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1" x 1½"	1015-DA-AL <sup>1</sup>	\$162.75	---	1015-DA-SS <sup>1</sup>	\$315.00
1½" x 1"	1510DAAL	72.70	---	1510-DA-SS <sup>1</sup>	315.00
1½" x 2"	1520-DA-AL	88.00	10	1520-DA-SS	295.00
2" x 1"	2010-DA-AL <sup>1</sup>	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 <sup>1</sup>	170.00	---	2025-DA-SS <sup>1</sup>	525.00
2" x 3"	2030-DA-AL	75.20	10	2030-DA-SS	291.70
2" x 4"	2040-DA-AL	119.00	---	2040-DA-SS <sup>1</sup>	510.00
2½" x 2"	---	---	---	2520-DA-SS <sup>1</sup>	540.00
2½" x 3"	---	---	---	2530-DA-SS <sup>1</sup>	640.25
3" x 1½"	3015-DA-AL	92.70	---	3015-DA-SS <sup>1</sup>	410.00
3" x 2"	3020-DA-AL	77.40	10	3020-DA-SS	285.30
3" x 2½"	3025-DA-AL <sup>1</sup>	180.00	---	3025-DA-SS <sup>1</sup>	490.00
3" x 4"	3040-DA-AL	107.10	10	3040-DA-SS	788.00
3" x 6"	3060-DA-AL <sup>1</sup>	300.00	---	3060-DA-SS <sup>1</sup>	719.00
4" x 2"	4020-DA-AL	109.00	10	4020-DA-SS <sup>1</sup>	561.00
4" x 2½"	4025-DA-AL	167.50	---	4025-DA-SS <sup>1</sup>	732.00
4" x 3"	4030-DA-AL	115.30	5	4030-DA-SS	535.00
4" x 5"	4050-DA-AL	226.80	5	---	---
4" x 6"	4060-DA-AL	191.30	2	4060-DA-SS <sup>1</sup>	1100.00
5" x 3"	5030-DA-AL <sup>1</sup>	287.75	2	5030-DA-SS <sup>1</sup>	725.00
5" x 4"	5040-DA-AL	187.20	2	5040-DA-SS <sup>1</sup>	824.00
5" x 6"	5060-DA-AL <sup>1</sup>	399.00	---	5060-DA-SS	950.00
6" x 3"	6030-DA-AL	204.70	2	6030-DA-SS <sup>1</sup>	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 <sup>1</sup>	1300.00
8" x 6"	8060-DA-AL <sup>1,2</sup>	1100.00	---	---	---

<sup>1</sup> parts are produced as a welded fabrication

<sup>2</sup> 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	420.25	5	---	---	---
4" x 3"	4030-DA-BR	360.00	5	4030-DA-MI	204.00	---
6" x 4"	6040-DA-BR	695.00	---	6040-DA-MI	440.00	---



3" coupler x 1½" adapter



4" coupler x 6" adapter



3" coupler x 2½" adapter



5" coupler x 6" adapter

### Coupler x Adapter with Port

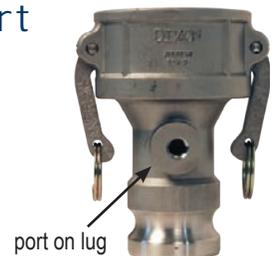
Size	Port	316 Stainless Steel	
		Part #	Price/E
3" x 3"	¼"	300DAT25SS	\$394.00
3" x 3"	⅜"	300DAT38SS	394.00
3" x 3"	½"	300DAT50SS	394.00
3" x 3"	¾"	300DAT75SS	394.00



port on lug

### Reducing Coupler x Adapter with Port

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



port on lug

## 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).

C



3" coupler x 2" adapter

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**coupler x adapter**

Size	356T6 Aluminum		316 Stainless Steel		Opt Qty
	Part #	Price/E	Part #	Price/E	
2" x 3"	<a href="#">ADA2030</a> <sup>1</sup>	\$189.00	<a href="#">RDA2030BL</a> <sup>1</sup>	\$415.00	10
2½" x 2"	<a href="#">ADA2520</a> <sup>1</sup>	173.80	---	---	--
2½" x 3"	<a href="#">ADA2530</a> <sup>1</sup>	295.00	---	---	--
3" x 2"	<a href="#">ADA3020</a>	90.50	<a href="#">RDA3020BL</a>	375.00	10
3" x 4"	<a href="#">ADA3040</a> <sup>1</sup>	225.75	<a href="#">RDA3040BL</a> <sup>1</sup>	420.00	10
4" x 2"	<a href="#">ADA4020</a> <sup>1</sup>	252.00	<a href="#">RDA4020BL</a> <sup>1</sup>	639.10	10
4" x 3"	<a href="#">ADA4030</a>	138.60	<a href="#">RDA4030BL</a>	599.00	10
6" x 4"	<a href="#">ADA6040</a> <sup>1</sup>	523.00	---	---	--
8" x 6"	<a href="#">ADA8060</a> <sup>1,2</sup>	1100.00	---	---	--



<sup>1</sup> parts are produced as a welded fabrication

<sup>2</sup> The 8" coupler *only interchanges with 8" Boss-Lock™ couplings.*

## 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).



4" coupler x 2" adapter

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets types available on pages 78-79

**coupler x adapter**

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2" x 3"	<a href="#">ADA2030EZ</a> <sup>1</sup>	\$224.30	<a href="#">RDA2030EZ</a> <sup>1</sup>	\$411.95
3" x 2"	<a href="#">ADA3020EZ</a>	137.20	<a href="#">RDA3020EZ</a>	385.80
3" x 4"	<a href="#">ADA3040EZ</a> <sup>1</sup>	261.60	<a href="#">RDA3040EZ</a> <sup>1</sup>	461.40
4" x 2"	<a href="#">ADA4020EZ</a> <sup>1</sup>	294.70	<a href="#">RDA4020EZ</a> <sup>1</sup>	630.00
4" x 3"	<a href="#">ADA4030EZ</a>	194.25	<a href="#">RDA4030EZ</a>	595.00
6" x 4"	<a href="#">ADA6040EZ</a> <sup>1</sup>	581.00	<a href="#">RDA6040EZ</a>	647.00

<sup>1</sup> parts are produced as a welded fabrication

## Dixon™ Lockable Dust Caps

**Features:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79
- 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"	<a href="#">150DC-LAL</a>	\$48.25	10	<a href="#">150DC-LBR</a>	\$98.30	10
2"	<a href="#">200DC-LAL</a>	52.00	10	<a href="#">200DC-LBR</a>	96.00	10
3"	<a href="#">300DC-LAL</a>	65.80	10	<a href="#">300DC-LBR</a>	119.00	10
4"	<a href="#">400DC-LAL</a>	89.20	10	---	---	---
6"	<a href="#">600DC-LAL</a>	203.00	5	---	---	--

**Feature:**

- angled, ergonomic thumb release



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

## Dixon™ Spool Adapters

## Feature:

- pressure rating is based on the seal of the mating part, see ratings on page 32  
**adapter x adapter**

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	---	---	100-AA-SS	\$102.90
1¼"	---	---	125-AA-SS <sup>1</sup>	375.95
1½"	150-AA-AL	\$36.00	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 <sup>1</sup>	446.00
2½" x 3"	2530-AA-AL <sup>1</sup>	224.50	2530-AA-SS <sup>1</sup>	577.00
2½" x 4"	2540-AA-AL <sup>1</sup>	320.00	---	---
3"	300-AA-AL	65.20	300-AA-SS	261.30
3" x 4"	3040-AA-AL	94.50	3040-AA-SS <sup>1</sup>	520.15
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 <sup>1</sup>	995.00
5"	500-AA-AL <sup>1</sup>	270.00	500-AA-SS <sup>1</sup>	875.50
5" x 6"	5060-AA-AL <sup>1</sup>	410.00	---	---
6"	600-AA-AL	236.50	600-AA-SS <sup>1</sup>	970.00

Size	Brass	
	Part #	Price/E
2"	200-AA-BR	\$123.75
3"	300-AA-BR	242.05

<sup>1</sup> parts are produced as a welded fabrication



increaser / reducer



same size

## Dixon™ Spool Couplers

## Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79  
**coupler x coupler**

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	---	---	150-DD-SS <sup>1</sup>	\$304.00
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 <sup>1</sup>	710.00
4"	400-DD-AL	130.00	400-DD-SS <sup>1</sup>	780.00
4" x 5"	4050-DD-AL <sup>1</sup>	395.20	4050-DD-SS <sup>1</sup>	780.00
4" x 6"	4060-DD-AL <sup>1</sup>	357.00	4060-DD-SS	805.00
5"	500-DD-AL <sup>1</sup>	465.00	500-DD-SS	750.00
6"	600-DD-AL <sup>1</sup>	540.00	---	---

<sup>1</sup> parts are produced as a welded fabrication



reducer / increaser



same size

## Boss-Lock™ Spool Couplers

## Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79  
**coupler x coupler**

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	ADD200 <sup>1</sup>	\$187.00	RDD200EZ	\$360.85
2" x 3"	ADD2030 <sup>1</sup>	195.00	RDD2030EZ <sup>1</sup>	450.00
3"	ADD300 <sup>1</sup>	261.00	RDD300EZ <sup>1</sup>	548.00
3" x 4"	ADD3040 <sup>1</sup>	320.00	RDD3040EZ <sup>1</sup>	640.00
4"	ADD400 <sup>1</sup>	320.00	RDD400EZ <sup>1</sup>	645.50
6"	---	---	RDD600EZ <sup>1</sup>	1260.00

<sup>1</sup> parts are produced as a welded fabrication



reducer / increaser



same size

## 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 30

**male adapter x female NPT**


reducing  
male adapter x female NPT

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel		Opt Qty
	Part #	Price/E		Part #	Price/E	
2" x 1½"	<b>2015-A-AL</b>	<b>\$45.95</b>	---	<b>2015-A-SS</b> <sup>1</sup>	<b>\$208.70</b>	--
2" x 3"	<b>2030-A-AL</b>	<b>63.50</b>	10	<b>2030-A-SS</b>	<b>234.00</b>	10
3" x 2"	<b>3020-A-AL</b>	<b>59.75</b>	10	<b>3020-A-SS</b>	<b>295.00</b>	10
3" x 4"	<b>3040-A-AL</b>	<b>74.50</b>	10	---	---	--
4" x 3"	<b>4030-A-AL</b>	<b>68.00</b>	10	<b>4030-A-SS</b> <sup>1</sup>	<b>504.70</b>	--
4" x 6"	<b>4060-A-AL</b>	<b>187.20</b>	5	---	---	--
6" x 4"	<b>6040-A-AL</b>	<b>198.30</b>	4	<b>6040-A-SS</b> <sup>1</sup>	<b>985.00</b>	--

<sup>1</sup> parts are produced as a welded fabrication

### Type B

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**female coupler x male NPT**


reducing  
female coupler x male NPT

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	<b>1510-B-AL</b>	<b>\$68.05</b>	10	<b>1510-B-SS</b> <sup>1</sup>	<b>\$320.00</b>
2" x 1½"	<b>2015-B-AL</b>	<b>63.40</b>	10	<b>2015-B-SS</b> <sup>1</sup>	<b>370.00</b>
2" x 3"	<b>2030-B-AL</b>	<b>84.50</b>	---	---	---
3" x 2"	<b>3020-B-AL</b>	<b>81.25</b>	10	<b>3020-B-SS</b> <sup>1</sup>	<b>358.00</b>
3" x 4"	<b>3040-B-AL</b>	<b>107.60</b>	10	---	---
4" x 3"	<b>4030-B-AL</b>	<b>125.25</b>	5	<b>4030-B-SS</b> <sup>1</sup>	<b>495.00</b>

<sup>1</sup> parts are produced as a welded fabrication

### Type C

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**female coupler x hose shank**


reducing  
female coupler x hose shank

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	---	---	---	<b>1510-C-SS</b>	<b>\$246.75</b>
2" x 1½"	<b>2015-C-AL</b> <sup>1</sup>	<b>\$185.00</b>	---	<b>2015-C-SS</b> <sup>1</sup>	<b>260.00</b>
3" x 2"	<b>3020-C-AL</b>	<b>72.50</b>	10	<b>3020-C-SS</b>	<b>342.80</b>
3" x 2½"	---	---	---	<b>3025-C-SS</b>	<b>389.30</b>
3" x 4"	<b>3040-C-AL</b>	<b>130.00</b>	5	---	---
4" x 3"	<b>4030-C-AL</b>	<b>93.10</b>	5	<b>4030-C-SS</b> <sup>1</sup>	<b>600.00</b>
5" x 4"	<b>5040-C-AL</b> <sup>1</sup>	<b>375.00</b>	---	---	---

<sup>1</sup> parts are produced as a welded fabrication

### Type D

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**female coupler x female NPT**


reducing  
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"	<b>1510-D-AL</b> <sup>1</sup>	<b>\$68.00</b>	10	---	---	<b>1510-D-SS</b> <sup>1</sup>	<b>\$306.00</b>
2" x 1½"	<b>2015-D-AL</b>	<b>50.15</b>	10	---	---	<b>2015-D-SS</b>	<b>220.00</b>
3" x 2"	<b>3020-D-AL</b>	<b>87.60</b>	10	---	---	<b>3020-D-SS</b>	<b>345.50</b>
4" x 3"	<b>4030-D-AL</b>	<b>127.00</b>	10	<b>4030-D-BR</b>	<b>\$312.00</b>	<b>4030-D-SS</b> <sup>1</sup>	<b>498.00</b>
5" x 4"	<b>5040-D-AL</b> <sup>1</sup>	<b>355.00</b>	---	---	---	---	---
6" x 4"	<b>6040-D-AL</b> <sup>1</sup>	<b>410.00</b>	---	---	---	---	---

<sup>1</sup> 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-B-AL is a 4" coupler to a 3" male NPT).

C

### Type E

**Feature:**

- pressure rating is based on the seal of the mating part, see ratings on page 32

#### male adapter x hose shank

Size	356T6 Aluminum		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E
1½" x 1"	---	---	---	<b>1510-E-SS</b>	<b>\$228.00</b>
2" x 1½"	<b>2015-E-AL</b> <sup>1</sup>	<b>\$180.00</b>	---	<b>2015-E-SS</b> <sup>1</sup>	<b>218.40</b>
3" x 2"	---	---	---	<b>3020-E-SS</b> <sup>1</sup>	<b>385.00</b>
3" x 2½"	---	---	---	<b>3025-E-SS</b>	<b>199.00</b>
4" x 3"	<b>4030-E-AL</b>	<b>86.80</b>	10	<b>4030-E-SS</b> <sup>1</sup>	<b>550.00</b>
5" x 4"	<b>5040-E-AL</b> <sup>1</sup>	<b>325.00</b>	---	---	---



reducing  
male adapter x hose shank

<sup>1</sup> 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 32

#### male adapter x male NPT

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



reducing  
male adapter x male NPT

<sup>1</sup> 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 32

#### adapter x NPSM thread

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


**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

#### Boss-Lock coupler x NPSM thread

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



## Cam and Groove x Cam and Groove Elbows

## Features:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79
- all parts are produced as a welded fabrication (except part # **400DD-45AL**)

## 45° Elbows

## adapter x coupler



male adapter x female coupler

Size	356T6 Aluminum		316 Stainless Steel		Unplated Malleable Iron	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
2"	<b>200DA-45AL</b>	\$159.00	<b>200DA-45SS</b>	\$495.00	---	---
3"	<b>300DA-45AL</b>	180.00	<b>300DA-45SS</b>	715.00	---	---
4"	<b>400DA-45AL</b>	239.95	<b>400DA-45SS</b>	960.00	<b>400DA-45MI</b>	\$227.25
6"	<b>600DA-45AL</b>	543.00	---	---	---	---

**NEW**

## coupler x coupler



female coupler x female coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	<b>200DD-45AL</b>	\$164.85	---	---
3"	<b>300DD-45AL</b>	395.20	<b>300DD-45SS</b>	\$599.00
4"	<b>400DD-45AL</b> <sup>1</sup>	270.00	---	---
6"	<b>600DD-45AL</b>	730.00	---	---

<sup>1</sup> part is not a welded fabrication

## 90° Elbows

## adapter x coupler



male adapter x female coupler

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1"	---	---	<b>100DA-90SS</b>	\$350.00
1½"	<b>150DA-90AL</b>	\$135.00	<b>150DA-90SS</b>	405.00
2"	<b>200DA-90AL</b>	90.95	<b>200DA-90SS</b>	365.00
3"	<b>300DA-90AL</b>	148.50	<b>300DA-90SS</b>	715.00
4"	<b>400DA-90AL</b>	232.80	<b>400DA-90SS</b>	795.00
5"	<b>500DA-90AL</b>	1500.00	---	---
6"	<b>600DA-90AL</b>	481.25	<b>RDA90600EZ</b> <sup>2</sup>	2300.00

<sup>2</sup> EZ Boss-Lock design (not pictured)

## coupler x coupler



female coupler x female coupler

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

## Cam and Groove Elbows

### Type A

**Feature:**

- pressure rating is based on the seal of the mating part, see ratings on page 32

**male adapter x female NPT 90° elbow**

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	<b>150A-90AL</b>	<b>\$72.90</b>	---	---
2"	<b>200A-90AL</b>	<b>69.75</b>	<b>200A-90SS</b> <sup>1</sup>	<b>\$450.00</b>
3"	<b>300A-90AL</b>	<b>123.00</b>	<b>300A-90SS</b>	<b>487.40</b>
4"	<b>400A-90AL</b>	<b>224.00</b>	---	---

<sup>1</sup> part is produced as a welded fabrication



male adapter x female NPT

C

### Type B

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**female coupler x male NPT 90° elbow**

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

<sup>1</sup> Parts are produced as a welded fabrication.



female coupler x male NPT

### Type C

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**female coupler x hose shank 90° elbow**

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	---	---	<b>125C-90BR</b>	<b>\$139.00</b>	---	---
½"	<b>150C-90AL</b>	<b>\$71.90</b>	---	---	<b>150C-90SS</b>	<b>\$390.00</b>
2"	<b>200C-90AL</b>	<b>71.80</b>	<b>200C-90BR</b>	<b>157.00</b>	<b>200C-90SS</b>	<b>340.00</b>
3"	<b>300C-90AL</b>	<b>102.90</b>	---	---	<b>300C-90SS</b>	<b>495.00</b>
4"	<b>400C-90AL</b>	<b>199.30</b>	---	---	<b>400C-90SS</b> <sup>1</sup>	<b>975.00</b>
6"	<b>600C-90AL</b>	<b>478.95</b>	---	---	---	---

<sup>1</sup> part is produced as a welded fabrication



female coupler x hose shank

## Cam and Groove Elbows

### Type D

C

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**female coupler x female NPT 90° elbow**

female coupler x female NPT

Size	356T6 Aluminum		Brass		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	---	---	---	---	<b>100D-90SS</b>	<b>\$210.00</b>
1¼"	---	---	<b>125D-90BR</b>	<b>\$134.10</b>	---	---
1½"	<b>150D-90AL</b>	<b>\$81.60</b>	<b>150D-90BR</b>	<b>118.00</b>	---	---
2"	<b>200D-90AL</b>	<b>68.30</b>	<b>200D-90BR</b>	<b>153.00</b>	<b>200D-90SS</b>	<b>217.35</b>
3"	<b>300D-90AL</b>	<b>110.00</b>	---	---	<b>300D-90SS</b>	<b>609.75</b>
4"	<b>400D-90AL</b>	<b>150.50</b>	---	---	<b>400D-90SS</b> <sup>1</sup>	<b>1015.00</b>
4"	<b>AD90400EZ</b> <sup>2</sup>	<b>235.00</b>	---	---	---	---
6"	<b>600D-90AL</b>	<b>365.00</b>	---	---	---	---

<sup>1</sup> part is produced as a welded fabrication

<sup>2</sup> EZ Boss-Lock™ design (not pictured)

### Type E

**Feature:**

- pressure rating is based on the seal of the mating part, see ratings on page 32

**male adapter x hose shank 90° elbow**

male adapter x hose shank

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

<sup>1</sup> 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 32

**male adapter x male NPT 90° elbow**

male adapter x male NPT

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

<sup>1</sup> parts are produced as a welded fabrication

## Adapters and Couplers x 150# Flanged Drilling

### Features:

- aluminum and unplated iron flanges are flat faced
- stainless steel flanges are raised face
- see page 839 for flange bolt hole drilling circle standards only
- flanges are designed to mate with 150# flange
- flanges have the same bolt hole pattern as an ANSI 150 lb. flange, the thickness may vary

C

### 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"	---	---	---	---	---	---	<b>100-AL-SS</b>	<b>\$209.00</b>	9/16"
1½"	---	---	---	---	---	---	<b>150-AL-SS</b>	<b>197.70</b>	11/16"
2"	<b>200-AL-AL</b>	<b>\$115.00</b>	3/4"	---	---	---	<b>200-AL-SS</b>	<b>229.70</b>	7/16"
3"	<b>300-AL-AL</b>	<b>121.50</b>	5/8"	<b>300-AL-MI</b>	<b>\$203.70</b>	5/8"	<b>300-AL-SS</b>	<b>299.00</b>	7/16"
4"	<b>400-AL-AL</b>	<b>164.00</b>	5/8"	---	---	---	<b>400-AL-SS</b>	<b>495.00</b>	7/16"
6"	<b>600-AL-AL</b>	<b>275.00</b>	5/8"	---	---	---	<b>600-AL-SS</b>	<b>750.00</b>	5/8"
8"	<b>800-AL-AL</b> <sup>1</sup>	<b>1400.00</b>	1-1/8"	---	---	---	---	---	---

<sup>1</sup> part is produced as a welded fabrication



**NEW**

### Feature:

- global product made to Dixon™ specifications

### Global Dixon™ adapter x 150# ANSI flange

Size	316 Stainless Steel		Flange Thickness
	Part #	Price/E	
2"	<b>200-AL-SSANSI</b>	<b>\$229.70</b>	¾"
3"	<b>300-AL-SSANSI</b>	<b>409.10</b>	15/16"



### Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

### Dixon™ coupler x 150# flange

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

<sup>1</sup> part is produced as a welded fabrication



### Feature:

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

### EZ Boss-Lock™ coupler x 150# flange

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

<sup>1</sup> parts are produced as a welded fabrication



## In-Line Sight Glass for Bulk Transfer

C

**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)

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

## Specialty Items

**coupler x adapter wye**

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

**tank truck flanged tee**

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

## 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 839

C

### Male Threaded

#### TTMA flange x standard male NPT

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



### Extended Length - Male Threaded

#### TTMA flange x extended length male NPT

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



### Female Threaded

#### TTMA flange x female NPT

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



### Slip-on

#### TTMA flange x slip-on

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



C



TETF4AL



TETFG4AL

## TTMA Flange Extensions

**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

**NEW**

Size	Description	Aluminum	
		Part #	Price/E
4"	TTMA flange extension	<b>TETF4AL</b>	<b>\$130.00</b>
4"	TTMA flange extension with groove	<b>TETFG4AL</b>	<b>133.50</b>
4"	TTMA flange extension with 1/2" female NPT port	<b>TETF4ALFP50</b>	<b>304.85</b>

## Dixon™ Adapters and Couplers x TTMA

**Features:**

- aluminum flanges have a flat face, stainless flanges have a raised face
- see page 839 for flange drilling standards
- pressure rating is based on the seal of the mating part, see ratings on page 32

**adapter x round tank truck flange (TTMA)**



adapter x round tank truck flange

Size	356T6 Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
3"	<b>300-ALT-AL</b>	<b>\$78.25</b>	<b>300-ALT-SS<sup>1</sup></b>	<b>\$480.00</b>
3" x 4"	<b>3040ALTAL</b>	<b>112.80</b>	---	---
4"	<b>400-ALT-AL</b>	<b>84.70</b>	<b>400-ALT-SS<sup>1</sup></b>	<b>750.00</b>
6"	<b>600-ALT-AL</b>	<b>236.00</b>	---	---

<sup>1</sup> parts are produced as a welded fabrication

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**coupler x round tank truck flange (TTMA)**



coupler x round tank truck flange

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

## Dixon™ 22½° Adapters and Couplers x TTMA

**Feature:**

- pressure rating is based on the seal of the mating part, see ratings on page 32

**22½° adapter x round tank truck flange (TTMA)**



22½° adapter x round flange

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

**Feature:**

- supplied standard with a Buna-N gasket, other gaskets available on pages 78-79

**22½° coupler x round tank truck flange (TTMA)**



22½° coupler x round flange

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

## TTMA Flange Gaskets



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

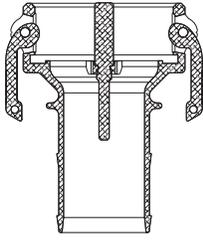
## Dixon™ Vapor Recovery Couplers



• 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

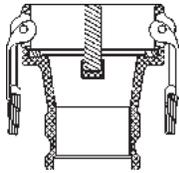


**coupler with probe x hose shank**

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

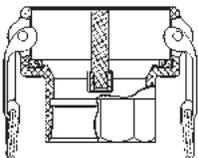


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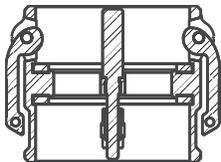
**coupler with probe x adapter**

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



**coupler with probe x female NPT**

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



**coupler with probe x coupler with probe**

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



## Dixon Bayco Vapor Recovery Couplers

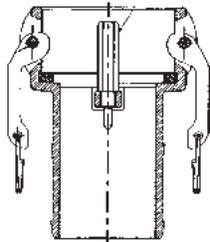


**Applications:**

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

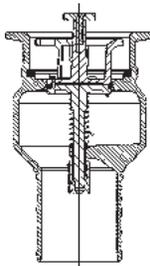
**Features:**

- 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**

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



**Feature:**

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

**coupler with poppet and probe x hose shank**

		Aluminum	
Coupler Size	Hose Shank Size	Part #	Price/E
4"	3"	<b>VR4030CS-AL<sup>1</sup></b>	<b>\$213.25</b>
4"	4"	<b>VR4040CS-AL</b>	<b>412.00</b>



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

## Dixon Bayco Coupler and Adapter with Grounding Tab

**NEW**

		356T6 Aluminum	
Size	Description	Part #	Price/E
4"	female coupler with grounding tab	<b>400-C-ALGT</b>	<b>\$111.15</b>
4"	male adapter with grounding tab	<b>400-E-ALGT</b>	<b>75.80</b>



400-C-ALGT



400-E-ALGT

## 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"	<b>RE100BT</b>	<b>\$130.00</b>
1½"	<b>RE150BT</b>	<b>147.30</b>
2"	<b>RE200BT</b>	<b>169.15</b>
3"	<b>RE300BT</b>	<b>357.00</b>

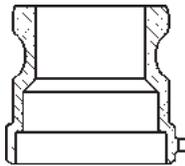
**Boss-Lock™ coupler x butt weld to tube end**

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

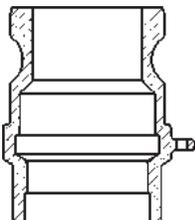
## Dixon™ Adapters for Welding

**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	---	---	<b>75AWSPSS</b>	<b>\$104.20</b>
1"	1.330	---	---	<b>100AWSPSS</b>	<b>97.95</b>
1½"	1.915	<b>150AWSPAL</b>	<b>\$63.00</b>	<b>150AWSPSS</b>	<b>117.00</b>
2"	2.390	<b>200AWSPAL</b>	<b>46.35</b>	<b>200AWSPSS</b>	<b>110.00</b>
3"	3.530	<b>300AWSPAL</b>	<b>58.60</b>	<b>300AWSPSS</b>	<b>196.35</b>
4"	4.530	<b>400AWSPAL</b>	<b>80.00</b>	<b>400AWSPSS</b>	<b>298.00</b>
5"	5.593	<b>500AWSPAL</b>	<b>123.75</b>	<b>500AWSPSS</b>	<b>450.00</b>
6"	6.655	<b>600AWSPAL</b>	<b>135.00</b>	<b>600AWSPSS</b>	<b>474.00</b>
8" DIX	8.711	<b>800AWSPAL</b> <sup>1</sup>	<b>474.00</b>	---	---
8" BL	8.711	<b>801AWSPAL</b> <sup>1</sup>	<b>453.00</b>	---	---

**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	---	---	<b>75AWBPSTSS</b>	<b>\$104.20</b>
1"	1.015	---	---	<b>100AWBPSTSS</b>	<b>97.95</b>
1½"	1.515	<b>150AWBPSTAL</b>	<b>\$60.00</b>	<b>150AWBPSTSS</b>	<b>117.00</b>
2"	2.015	<b>200AWBPSTAL</b>	<b>39.15</b>	<b>200AWBPSTSS</b>	<b>110.00</b>
3"	3.015	<b>300AWBPSTAL</b>	<b>58.60</b>	<b>300AWBPSTSS</b>	<b>196.35</b>
4"	4.015	<b>400AWBPSTAL</b>	<b>80.00</b>	<b>400AWBPSTSS</b>	<b>298.00</b>
5"	5.015	<b>500AWBPSTAL</b>	<b>123.75</b>	<b>500AWBPSTSS</b>	<b>450.00</b>
6"	6.020	<b>600AWBPSTAL</b>	<b>142.00</b>	<b>600AWBPSTSS</b>	<b>474.00</b>
8" BL	8.035	<b>801AWBPSTAL</b> <sup>1</sup>	<b>440.00</b>	---	---



<sup>1</sup> 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

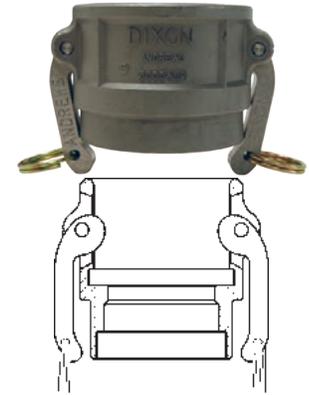


## socket weld to schedule 40 pipe

Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	1.065	---	---	<b>75DWSPSS</b>	<b>\$152.00</b>
1"	1.330	<b>100DWSPAL</b>	<b>\$57.75</b>	<b>100DWSPSS</b>	<b>126.20</b>
1½"	1.915	<b>150DWSPAL</b>	<b>65.00</b>	<b>150DWSPSS</b>	<b>153.00</b>
2"	2.390	<b>200DWSPAL</b>	<b>74.25</b>	<b>200DWSPSS</b>	<b>168.75</b>
3"	3.530	<b>300DWSPAL</b>	<b>71.80</b>	<b>300DWSPSS</b>	<b>268.80</b>
4"	4.530	<b>400DWSPAL</b>	<b>98.00</b>	<b>400DWSPSS</b>	<b>351.00</b>
5"	5.562	<b>500DWSPAL</b>	<b>227.00</b>	<b>500DWSPSS</b>	<b>691.00</b>
6"	6.655	<b>600DWSPAL</b>	<b>236.90</b>	<b>600DWSPSS</b>	<b>772.50</b>
8"	8.711	<b>800DWSPAL</b> <sup>1</sup>	<b>990.90</b>	---	---



<sup>1</sup> 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

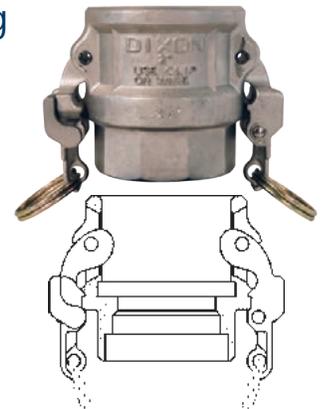
Size	Bore	356T6 Aluminum		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
¾"	.765	---	---	<b>75DWBPSTSS</b>	<b>\$125.90</b>
1"	1.015	---	---	<b>100DWBPSTSS</b>	<b>126.20</b>
1½"	1.515	<b>150DWBPSTAL</b>	<b>\$65.00</b>	<b>150DWBPSTSS</b>	<b>153.00</b>
2"	2.015	<b>200DWBPSTAL</b>	<b>57.70</b>	<b>200DWBPSTSS</b>	<b>173.00</b>
3"	3.015	<b>300DWBPSTAL</b>	<b>71.80</b>	<b>300DWBPSTSS</b>	<b>268.80</b>
4"	4.015	<b>400DWBPSTAL</b>	<b>93.90</b>	<b>400DWBPSTSS</b>	<b>378.00</b>
5"	5.015	<b>500DWBPSTAL</b>	<b>172.00</b>	---	---
6"	6.020	<b>600DWBPSTAL</b>	<b>236.90</b>	---	---



## EZ Boss-Lock™ Couplers for Welding

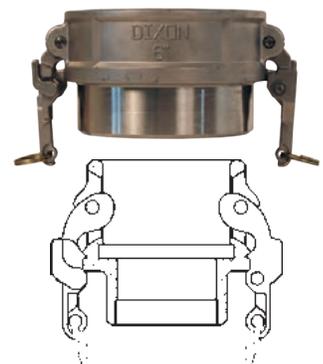
## socket weld to schedule 40 pipe

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



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

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



## 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 69
- 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		Aluminum	
			Part #	Price/E	Part #	Price/E
3"	5"	120°	<b>RTCA30</b>	<b>\$815.00</b>	---	---
4"	5"	110°	<b>RTCA40<sup>1</sup></b>	<b>1027.95</b>	<b>ATCA40</b>	<b>\$712.15</b>

**NEW**

<sup>1</sup> parts are produced as a welded fabrication

### Style F



ATCF40

**Features:**

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

TTMA Flange	Swivel Nut	Part #	Elbow	Aluminum	
				Description	Price/E
4"	5"	<b>ATCF40<sup>1</sup></b>	110°	railroad tank car connections	<b>\$708.00</b>
4"	5"	<b>ATCF40-90</b>	90°	railroad tank car connections	<b>975.00</b>

**NEW**

<sup>1</sup> part is produced as a welded fabrication

### Style GF



ATCGF40

**Feature:**

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

TTMA Flange	Boss-lock Coupler	Part #	Elbow	Aluminum	
				Description	Price/E
4"	4"	<b>ATCGF40</b>	110°	railroad tank car connections	<b>\$530.25</b>
4"	4"	<b>ATCGF40-90</b>	90°	railroad tank car connections	<b>590.85</b>

**NEW**

### Cam and Groove Screen

**NEW**



**Feature:**

- stainless steel screen encapsulated in a buna gasket

Size	Hole Size	316L Stainless Steel	
		Part #	Price/E
4"	1"	<b>400-G-BUSS</b>	<b>\$150.00</b>

### Style S



**Feature:**

- 110° elbow

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

## 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"	<b>TCT30</b>	<b>\$265.00</b>	<b>ATCT30</b>	<b>\$292.00</b>
4"	5"	<b>TCT40</b>	<b>320.00</b>	<b>ATCT40</b>	<b>360.00</b>



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"	<b>RTCT30</b>	<b>\$665.00</b>
4"	5"	<b>RTCT40</b>	<b>780.00</b>



## Dixon™ Coupler x Tank Car Thread

**Features:**

- part is produced as a welded fabrication
- pressure rating is based on the seal of the mating part, see ratings on page 32

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



## EZ Boss-Lock™ x Coupler Tank Car Thread

**Features:**

- part is produced as a welded fabrication
- pressure rating is based on the seal of the mating part, see ratings on page 32

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



# Railcar Unloading Assemblies

C

**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	Part #	Price/E
4"	5"	<b>ATC40ASSDDA</b>	<b>\$2629.40</b>

## Dry Disconnect Couplers



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



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



## Assembly with API Adapter

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

## API Coupler



TTMA Flange	Body Size	Part #	Price/E
4"	4"	<b>5300BC</b>	<b>\$2580.00</b>
4"	4"	<b>5300BCL</b> <sup>1</sup>	<b>2660.00</b>

<sup>1</sup> with a lock



## Build It Your Way



- multiple configurations available, consult Dixon™ for pricing and availability

## TTMA 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 58
- tank truck flange dimensional information on page 839
- maximum flange bolt torque is 200 in-lb (inch pounds)



C

### TTMA pattern flanged acrylic sight flow indicators

**NEW**

Size	Nominal Width	Acrylic	
		Part #	Price/E
3"	1 3/4"	<b>TT3ASG</b>	<b>\$116.00</b>
4"	1 3/4"	<b>TT4ASG</b>	<b>116.00</b>
3"	1 3/4"	<b>TT3ASG-ETH<sup>1</sup></b>	<b>330.75</b>
4"	1 3/4"	<b>TT4ASG-ETH<sup>1</sup></b>	<b>370.00</b>



<sup>1</sup> for use with ethanol

### 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"	<b>5200-SFI</b>	<b>\$180.95</b>



### 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"	<b>5201-SFI</b>	<b>\$256.25</b>	5



#### replacement parts

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

### 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"	<b>4-1460-AL</b>	<b>\$190.10</b>	10

#### replacement parts

Description	Part #	Price/E	Opt Qty
plexiglass insert	<b>4PSG</b>	<b>\$84.00</b>	10
Buna-N O-ring	<b>O246BU</b>	<b>4.25</b>	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	<b>TTFS4SS</b>	<b>\$150.00</b>



## TTMA Flange Spacer with ½" Port



Size	Description	Aluminum	
		Part #	Price/E
4"	flange spacer with ½" female NPT port	<b>TTF54AL-FP50</b>	<b>\$185.60</b>

## TTMA Series Flange Adapters

**Application:**

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

**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 839

## Male Threaded

## TTMA flange x standard male NPT



TTMA Flange	Male NPT	Length	Aluminum	
			Part #	Price/E
3"	3"	2½"	<b>TTF3AL-3MT</b>	<b>\$87.50</b>
4"	3"	2½"	<b>TTF4AL-3MT</b>	<b>65.90</b>
4"	4"	2½"	<b>TTF4AL-4MT</b>	<b>61.10</b>

## Extended Length - Male Threaded

## TTMA flange x extended length male NPT



TTMA Flange	Male NPT	Length	Aluminum	
			Part #	Price/E
4"	3"	5½"	<b>TTF4AL-3EMT</b>	<b>\$87.50</b>
4"	4"	5½"	<b>TTF4AL-4EMT</b>	<b>102.15</b>

## Female Threaded

## TTMA flange x female NPT



TTMA Flange	Female NPT	Length	Aluminum	
			Part #	Price/E
4"	3"	2½"	<b>TTF4AL-3FT</b>	<b>\$78.35</b>
4"	4"	2½"	<b>TTF4AL-4FT</b>	<b>78.05</b>

## Slip-on

## TTMA flange x slip-on



TTMA Flange	Pipe Size	Thickness	Aluminum	
			Part #	Price/E
4"	4"	⅜"	<b>TTF400SP</b>	<b>\$67.00</b>

**NEW**

## TTMA plate flange x slip-on



TTMA Flange	Pipe Size	Thickness	Aluminum	
			Part #	Price/E
4"	4"	⅜"	<b>TTMA-64</b>	<b>\$10.50</b>

**NEW**

## TTMA Butt Weld Flange



TTMA Flange	Pipe Size	Thickness	Aluminum	
			Part #	Price/E
3"	4"	⅜"	<b>TTF3AL</b>	<b>\$10.20</b>
4"	4"	⅜"	<b>TTF4AL</b>	<b>13.20</b>

## 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
- maximum flow rate: 600 GPM
- pressure drop: 3 to 4 PSI
- replacement parts are available, contact Dixon™

C



NEW

### API coupler with bonded nose seal

Seal Material	Operating Temperature	Part #	Price/E
Buna	-20°F to 250°F	<b>5300</b>	<b>\$2343.25</b>
FKM-B	-10°F to 400°F	<b>5300B</b>	<b>2577.60</b>
FKM-GFLT	-20°F to 400°F	<b>5300G</b>	<b>2694.50</b>
FKM-B with stainless wave spring	-10°F to 400°F	<b>5300BC</b> <sup>1</sup>	<b>2580.00</b>
FKM-B with stainless wave spring	-10°F to 400°F	<b>5300BCL</b> <sup>2</sup>	<b>2660.00</b>

<sup>1</sup> has stainless steel internal springs and is recommended for crude oil service

<sup>2</sup> with a lock

### API coupler with replaceable nose seal

Seal Material	Operating Temperature	Part #	Price/E
Buna	-20°F to 250°F	<b>5400</b>	<b>\$2434.95</b>
FKM-B	-10°F to 400°F	<b>5400B</b>	<b>2678.45</b>
FKM-GFLT	-20°F to 400°F	<b>5400G</b>	<b>2799.55</b>

## Locking Handle Repair Kit for API Couplers

NEW

Description	Part #	Price/E
locking handle kit for 5300BC rack couplers	<b>5354K21</b>	<b>\$245.35</b>



## 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	<b>5204LNG</b>	<b>\$547.50</b>
load only API valve without sight glass, Baylast™ seal, stainless steel springs	<b>5204LSNG</b> <sup>1</sup>	<b>643.75</b>
load only API valve without sight glass, Baylast™ seal, stainless steel springs with ½" FNPT drain port	<b>5204LSNGP</b> <sup>1</sup>	<b>721.00</b>



<sup>1</sup> has stainless steel internal springs and is recommended for crude oil service

## 4" Hose Fittings for Tank Car Unloading

C



TTFST40CS



ATTFST40CS

Size	Description	Carbon Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
4"	TTMA flange x crimp hose shank	<b>TTFST40CS</b>	<b>\$222.50</b>	<b>ATTFST40CS</b>	<b>\$207.55</b>
4"	150# flange x crimp hose shank	<b>FST40CS</b>	<b>182.20</b>	---	---
4"	male NPT x crimp hose shank	<b>STC40CS</b>	<b>63.65</b>	---	---

**NEW**

- accepts King Crimp™ sleeves or ferrules found on pages 14-17

## Dixon™ Tank Car Adapters



rocker lug



pin lug



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"	<b>200-TCA-AL</b>	<b>\$121.60</b>	---	---	---	---	<b>200-TCA-SS</b>	<b>\$693.00</b>
3"	<b>300-TCA-AL</b>	<b>105.00</b>	<b>300-TCA-BR</b>	<b>\$350.00</b>	<b>300-TCA-MI</b>	<b>\$257.00</b>	<b>300-TCA-SS</b>	<b>737.40</b>
4"	<b>400-TCA-AL</b>	<b>119.10</b>	<b>400-TCA-BR</b>	<b>420.00</b>	---	---	<b>400-TCA-SS</b>	<b>815.00</b>

**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"	<b>40A-45TCAL</b>	<b>\$485.85</b>

## 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	<b>G9</b>	<b>\$15.00</b>



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	<b>500GTCABU</b>	<b>\$6.55</b>
5"	5-1/4"	3-7/8"	1/8"	FKM	<b>500GTCAVI</b>	<b>53.50</b>
5"	5-1/4"	3-7/8"	1/8"	fuel grade Buna	<b>500GTCABF</b>	<b>6.25</b>
5"	5-5/16"	3-7/8"	3/16"	FKM	<b>500GTCAVITHK</b>	<b>32.00</b>

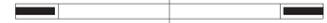


### PTFE Envelope

**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	<b>500GTCATF</b>	<b>\$65.00</b>
5"	5-1/4"	3-13/16"	3/16"	PTFE with FKM filler	<b>500GTCATV</b>	<b>112.00</b>



## Wrenches

### Pin Lug

**Feature:**

- used on aluminum and iron tank car nuts

Part #	Iron	Price/E
<b>G10</b>		<b>\$115.00</b>



### Long Handle

**Feature:**

- used on stainless steel tank car nuts

Part #	Iron	Price/E
<b>LHW</b>		<b>\$439.95</b>



## 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 386 and 387
- 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"	<b>RC200EZPF</b>	<b>\$180.00</b>	10
3"	<b>RC300EZPF</b>	<b>275.00</b>	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"	<b>RE200PF</b>	<b>\$117.75</b>	10

## Cam and Groove Hydrant Adapters



female NST x male adapter

## Features:

- pin lugs allow for easy connection using standard spanner and hydrant wrenches (pages 631 - 634)
- supplied with a Buna-N washer in the threaded end

Female NST Thread	Male Adapter	Brass		Aluminum	
		Part #	Price/E	Part #	Price/E
1½"	1½"	<b>HA1515ADP</b>	<b>\$75.50</b>	<b>AHA1515ADP</b>	<b>\$56.05</b>
2½"	2½"	<b>HA2525ADP</b>	<b>83.30</b>	<b>AHA2525ADP</b>	<b>52.50</b>

## Replacement Washers



ID	OD	Thickness	Buna-N	
			Part #	Price/E
1-9/16"	2-1/16"	1/8"	<b>SW150</b>	<b>\$2.00</b>
2-9/16"	3-3/16"	3/16"	<b>SW250</b>	<b>3.25</b>

## 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 434 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"	<b>RC075EZ-70</b>	<b>\$130.70</b>
1"	1-29/64"	1-35/64"	<b>RC100EZ-20</b>	<b>137.10</b>
1"	1-36/64"	1-44/64"	<b>RC100EZ-70</b>	<b>141.40</b>



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"	<b>RE075-1370</b>	<b>\$91.50</b>
1"	1-29/64"	1-35/64"	<b>RE100-1620</b>	<b>69.00</b>
1"	1-36/64"	1-44/64"	<b>RE100-1770</b>	<b>76.30</b>



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"	<b>GAS2334NO</b>	<b>\$34.80</b>
1½"	2-4/64"	2-22/64"	<b>GAS2370NO</b>	<b>38.35</b>
2"	2-30/64"	2-44/64"	<b>GAS2709NO</b>	<b>31.80</b>
2"	2-42/64"	2-54/64"	<b>GAS2885NO</b>	<b>69.55</b>
3"	3-30/64"	3-46/64"	<b>GAS3760NO</b>	<b>45.40</b>
3"	3-47/64"	3-54/64"	<b>GAS3885NO</b>	<b>62.10</b>
4"	4-40/64"	4-47/64"	<b>GAS5010NO</b>	<b>258.75</b>



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

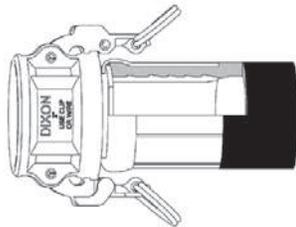
Size	316 Stainless Steel	
	Part #	Price/E
1½"	<b>RC150EZNO</b>	<b>\$113.75</b>
2"	<b>RC200EZNO</b>	<b>121.30</b>
3"	<b>RC300EZNO</b>	<b>208.20</b>
4"	<b>RC400EZNO</b>	<b>310.85</b>

#### Boss-Lock™ type C with notched shank



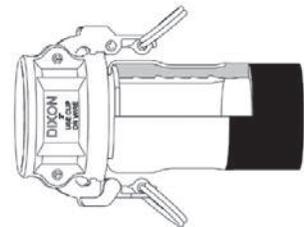
female coupler x notched hose shank

Size	316 Stainless Steel	
	Part #	Price/E
1½"	<b>RC150BLNO</b>	<b>\$122.75</b>
2"	<b>RC200BLNO</b>	<b>116.80</b>
3"	<b>RC300BLNO</b>	<b>199.40</b>
4"	<b>RC400BLNO</b>	<b>297.00</b>



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"	<b>RE150NO</b>	<b>\$61.00</b>
2"	<b>RE200NO</b>	<b>65.30</b>
3"	<b>RE300NO</b>	<b>126.00</b>
4"	<b>RE400NO</b>	<b>246.90</b>



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 289 and 439 for male NPT 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™ products.

## Couplers

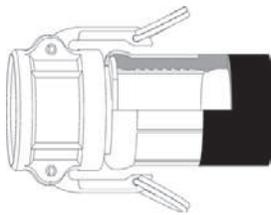
### Dixon™ type C with NOS shank

316 Stainless Steel		
Size	Part #	Price/E
1½"	<b>150CNOSSS</b> <sup>1</sup>	<b>\$82.40</b>
2"	<b>200CNOSSS</b>	<b>85.10</b>
3"	<b>300CNOSSS</b>	<b>168.90</b>

<sup>1</sup> part will be discontinued as stock is depleted

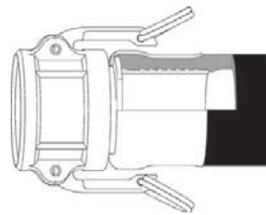


female coupler x notched NOS hose shank



crimped assembly

Contact Dixon™ for swage and crimp recommendations.



swaged assembly

## Adapters

### type E with NOS shank

316 Stainless Steel		
Size	Part #	Price/E
1½"	<b>150ENOSSS</b> <sup>1</sup>	<b>\$38.00</b>
2"	<b>200ENOSSS</b>	<b>50.60</b>
3"	<b>300ENOSSS</b>	<b>103.55</b>

<sup>1</sup> part will be discontinued as stock is depleted

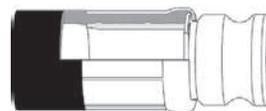


male adapter x notched NOS hose shank



swaged assembly

Contact Dixon™ for swage and crimp recommendations.



crimped assembly

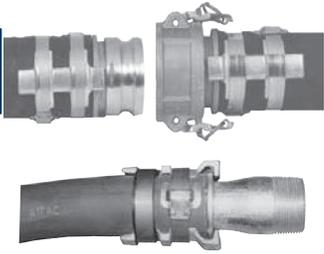
## Notched NOS Ferrules

Size	Hose OD		304 Stainless Steel	
	from	to	Part #	Price/E
1½"	1-60/64"	2-12/64"	<b>GAS2334NOS</b>	<b>\$32.30</b>
1½"	2-4/64"	2-22/64"	<b>GAS2370NOS</b>	<b>34.50</b>
2"	2-30/64"	2-44/64"	<b>GAS2709NOS</b>	<b>31.50</b>
2"	2-42/64"	2-54/64"	<b>GAS2885NOS</b>	<b>64.40</b>
3"	3-30/64"	3-46/64"	<b>GAS3760NOS</b>	<b>46.35</b>
3"	3-47/64"	3-54/64"	<b>GAS3885NOS</b>	<b>63.00</b>



## 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 <sup>1</sup>
1½"	1-13/16"	2-1/8"	<b>SGS150</b>	<b>\$14.40</b>
2"	2-5/8"	3"	<b>SGS200</b>	<b>17.35</b>
3"	3-1/2"	3-7/8"	<b>SGS300</b>	<b>21.40</b>
4"	4-9/16"	5-1/8"	<b>SGS400</b>	<b>24.40</b>
6"	6-1/2"	7-1/16"	<b>SGS600</b>	<b>45.00</b>

<sup>1</sup> prices are for a 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 <sup>1</sup> Plated Carbon Steel	
	Part #	Price/E	Part #	Price/E	Part #	Price/E
1½"	<b>LP21</b>	<b>\$60.00</b>	---	---	<b>LP21-80</b>	<b>\$69.00</b>
2"	<b>LP26</b>	<b>53.20</b>	---	---	<b>LP26-80</b>	<b>71.85</b>
3"	<b>LP36</b>	<b>125.00</b>	<b>RLP36</b> <sup>2</sup>	<b>\$221.40</b>	---	---
4"	<b>LP46</b>	<b>164.00</b>	<b>RLP46</b> <sup>2</sup>	<b>375.00</b>	---	---
6"	<b>LP66</b>	<b>340.00</b>	---	---	---	---

<sup>1</sup> Schedule 80 stems meet NFPA 58 standard

<sup>2</sup> tubular steel construction

### Boss-Lock™ type C coupler x hose shank



female coupler x hose shank

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

## 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

C



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	---	---	<b>50-HP-SP</b>	<b>\$4.50</b>	---	---
¾"	cam arm and pin	---	---	<b>75-HP-SP</b>	<b>4.15</b>	---	---
1"	cam arm and pin	---	---	<b>100-HP-SP</b>	<b>5.10</b>	---	---
1¼" - 2½"	cam arm, ring and pin	<b>200-HRP-BR</b>	<b>\$8.90</b>	<b>200-HRP-SP</b>	<b>6.85</b>	---	---
2"	cam arm, ring and pin	---	---	---	---	<b>200-HSCRPI-SI</b>	<b>\$12.00</b>
3"	cam arm, ring and pin	---	---	---	---	<b>300-HSCRPI-SI</b>	<b>15.50</b>
3" - 5"	cam arm, ring and pin	<b>300-HRP-BR</b>	<b>9.65</b>	<b>300-HRP-SP</b>	<b>8.20</b>	---	---
6"	cam arm, ring and pin	<b>600-HRP-BR</b>	<b>38.65</b>	---	---	<b>600-HRP-SI</b>	<b>57.70</b>
8"	cam arm and pin for new coupler design	<b>800-HNP-BR</b>	<b>69.50</b>	---	---	---	---

## Locking Handle for Dixon™ Dust Caps

**Feature:**

- not supplied with pins

Coupler Size	Hole Diameter	Brass		316 Investment Stainless Steel	
		Part #	Price/E	Part #	Price/E
2"	9/32"	<b>200-LH-BR</b>	<b>\$19.50</b>	<b>200-LH-SI</b>	<b>\$18.00</b>
3"	5/16"	<b>300-LH-BR</b>	<b>21.00</b>	<b>300-LH-SI</b>	<b>19.00</b>
4"	3/8"	<b>400-LH-BR</b>	<b>25.75</b>	<b>400-LH-SI</b>	<b>22.00</b>



stainless steel



brass

## Paddle Handle for Dixon™ Couplings

**Feature:**

- not supplied with pins

Coupler Size	Brass		316 Investment Cast Stainless Steel	
	Part #	Price/E	Part #	Price/E
3" and 4"	<b>300H-PADBR</b>	<b>\$34.50</b>	<b>300H-PADSS</b>	<b>\$29.75</b>



stainless steel



brass

## 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"	<b>BHSC175</b>	<b>\$12.85</b>	<b>RHSC175</b>	<b>\$15.95</b>	---	---
1¼" - 2½"	<b>BHSC152</b>	<b>12.75</b>	<b>RHSC152</b>	<b>19.40</b>	<b>IHSC152</b>	<b>\$11.00</b>
3" and 4"	<b>BHSC34</b>	<b>14.90</b>	<b>RHSC34</b>	<b>29.00</b>	<b>IHSC34</b>	<b>11.75</b>



assembly includes cam arm, pin and pull ring

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



## 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
¾" - 1"	<b>RHEZ175</b>	<b>\$21.40</b>
1¼" - 2½"	<b>RHEZ152</b>	<b>24.70</b>
3" - 5"	<b>RHEZ34</b>	<b>38.50</b>
6" and 8"	<b>RHEZ6</b>	<b>62.40</b>

**!** 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"	<b>WH300-A</b>	<b>\$36.25</b>	<b>WH300-G</b>	<b>\$9.50</b>
4"	<b>WH400-A</b>	<b>44.70</b>	<b>WH400-G</b>	<b>10.50</b>

## 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"	¼"	<b>SDA200</b>	<b>\$21.00</b>	<b>SDS200</b>	<b>\$29.00</b>
3"	¼"	<b>SDA300</b>	<b>24.00</b>	<b>SDS300</b>	<b>40.00</b>
4"	¼"	<b>SDA400</b>	<b>37.80</b>	<b>SDS400</b>	<b>61.50</b>

## Pull Ring Safety Clips for Boss-Lock™ Couplings



Coupler Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
¾" - 1"	---	---	<b>100PRSCSS</b>	<b>\$2.50</b>
1¼" - 2½"	<b>200PRSCCS</b>	<b>\$2.10</b>	<b>200PRSCSS</b>	<b>3.00</b>
3" and 4"	<b>300PRSCCS</b>	<b>2.10</b>	<b>300PRSCSS</b>	<b>3.00</b>



## Stainless Steel Pull Ring

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

## Clips and Lanyards for Boss-Lock™ Couplings

## Features:

- carbon steel clip
- nylon lanyard



Coupler Size	Part #	Price/E
¾" - 1"	<b>ACL4</b>	<b>\$3.30</b>
1¼" - 4"	<b>ACL2</b>	<b>3.15</b>



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

## 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 provide strength, durability and long life
- temperature range: **-70°F to 200°F**

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



coupler sold separately

C

## Carbon Steel Clip Assembly

### Features:

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

Part #	Price/E
<b>BLCA152CS</b>	<b>\$9.50</b>



## Clip for Boss-Lock™ Couplings

### Feature:

- .072 stainless steel wire

Stainless Steel Part #	Price/E
<b>AC7</b>	<b>\$2.25</b>



## Lanyard for Boss-Lock™ Couplings

### Feature:

- breaking strength: 160 lbs.

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



## Jack Chains with S-Hooks

Length	Material	Part #	Price/E	Opt Qty
6"	brass	<b>CH-B-6</b>	<b>\$8.25</b>	10
12"	brass	<b>CH-B-12</b>	<b>9.25</b>	10
24"	brass	<b>CH-B-24</b>	<b>18.90</b>	---
12"	carbon steel	<b>CH-C-12</b>	<b>7.90</b>	10
6"	stainless	<b>CH-SS-6</b>	<b>9.00</b>	10
12"	stainless	<b>CH-SS-12</b>	<b>11.95</b>	10
24"	stainless	<b>CH-SS-24</b>	<b>18.60</b>	10



## Sash Chains with Pull Rings

### Feature:

- brass chain, plated steel pull ring

Length	Part #	Price/E
4½"	<b>J125</b>	<b>\$8.50</b>
6½"	<b>J150</b>	<b>8.95</b>
8½"	<b>J300</b>	<b>12.00</b>
12¾"	<b>J500</b>	<b>16.90</b>



## 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"	<b>CAL15</b>	<b>\$7.00</b>
25"	<b>CAL25</b>	<b>8.45</b>



## 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"	<b>50-G-BU</b>	\$1.20	<b>50-G-VI</b>	\$4.90	---	---	---	---
3/4"	<b>75-G-BU</b>	1.20	<b>75-G-VI</b>	6.20	---	---	<b>75-G-EPR</b>	\$2.05
1"	<b>100-G-BU</b>	1.20	<b>100-G-VI</b>	8.75	<b>100GTHK</b>	\$1.75	<b>100-G-EPR</b>	2.05
1 1/4"	<b>125-G-BU</b>	1.20	<b>125-G-VI</b>	12.50	<b>125GTHK</b>	2.25	<b>125-G-EPR</b>	2.30
1 1/2"	<b>150-G-BU</b>	1.35	<b>150-G-VI</b>	12.30	<b>150GTHK</b>	2.25	<b>150-G-EPR</b>	2.25
2"	<b>200-G-BU</b>	1.20	<b>200-G-VI</b>	16.90	<b>200GTHK</b>	2.30	<b>200-G-EPR</b>	2.50
2 1/2"	<b>250-G-BU</b>	1.50	<b>250-G-VI</b>	20.90	<b>250GTHK</b>	3.00	<b>250-G-EPR</b>	2.70
3"	<b>300-G-BU</b>	1.55	<b>300-G-VI</b>	20.80	<b>300GTHK</b>	2.60	<b>300-G-EPR</b>	2.65
4"	<b>400-G-BU</b>	2.05	<b>400-G-VI</b>	34.80	<b>400GTHK</b>	3.40	<b>400-G-EPR</b>	3.60
5"	<b>500-G-BU</b>	3.75	<b>500-G-VI</b>	76.40	---	---	---	---
6"	<b>600-G-BU</b>	5.15	<b>600-G-VI</b>	71.50	---	---	---	---
8"	<b>800-G-BU</b>	22.50	<b>800-G-VI</b>	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"	<b>75-G-NE</b>	\$2.20	---	---	---	---	---	---
1"	<b>100-G-NE</b>	2.20	---	---	---	---	---	---
1 1/4"	<b>125-G-NE</b>	2.25	---	---	---	---	---	---
1 1/2"	<b>150-G-NE</b>	2.30	<b>150-G-WNE</b>	\$4.50	---	---	<b>150-G-SIL</b>	\$3.80
2"	<b>200-G-NE</b>	2.50	<b>200-G-WNE</b>	6.70	---	---	<b>200-G-SIL</b>	4.15
2 1/2"	<b>250-G-NE</b>	3.25	---	---	---	---	---	---
3"	<b>300-G-NE</b>	3.80	<b>300-G-WNE</b>	9.00	<b>300-G-WB</b>	\$8.95	<b>300-G-SIL</b>	9.00
4"	<b>400-G-NE</b>	4.65	<b>400-G-WNE</b>	9.35	<b>400-G-WB</b>	9.20	<b>400-G-SIL</b>	9.95
5"	---	---	<b>500-G-WNE</b>	18.80	---	---	---	---
6"	---	---	<b>600-G-WNE</b>	15.25	---	---	---	---
8"	---	---	---	---	---	---	---	---

## Cam and Groove Fuel Gaskets



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

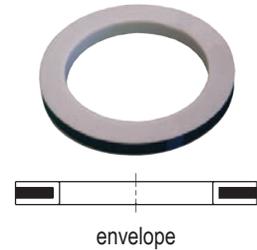
### Features:



- 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 30
- 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"	<b>50-G-TF</b>	<b>\$7.70</b>	<b>50-G-TF-VI</b>	<b>\$10.75</b>	---	---	---	---
¾"	<b>75-G-TF</b>	<b>8.75</b>	<b>75-G-TF-VI</b>	<b>19.00</b>	---	---	---	---
1"	<b>100-G-TF</b>	<b>9.40</b>	<b>100GTFVI</b>	<b>20.00</b>	---	---	---	---
1¼"	<b>125-G-TF</b>	<b>11.00</b>	<b>125GTFVI</b>	<b>29.20</b>	---	---	---	---
1½"	<b>150-G-TF</b>	<b>13.00</b>	<b>150GTFVI</b>	<b>24.00</b>	---	---	<b>150GTFEP</b>	<b>\$15.50</b>
2"	<b>200-G-TF</b>	<b>14.80</b>	<b>200GTFVI</b>	<b>29.60</b>	<b>200GTFWB</b>	<b>\$15.90</b>	<b>200GTFEP</b>	<b>16.50</b>
2½"	<b>250-G-TF</b>	<b>26.00</b>	<b>250GTFVI</b>	<b>48.00</b>	---	---	---	---
3"	<b>300-G-TF</b>	<b>19.25</b>	<b>300GTFVI</b>	<b>41.50</b>	<b>300GTFWB</b>	<b>22.00</b>	<b>300GTFEP</b>	<b>20.40</b>
4"	<b>400-G-TF</b>	<b>31.00</b>	<b>400GTFVI</b>	<b>65.40</b>	<b>400GTFWB</b>	<b>40.75</b>	---	---
5"	---	---	---	---	<b>500GTFWB</b>	<b>73.00</b>	---	---
6"	<b>600-G-TF</b>	<b>75.40</b>	<b>600GTFVI</b>	<b>120.00</b>	---	---	---	---



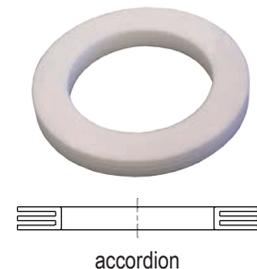
### Encapsulated

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

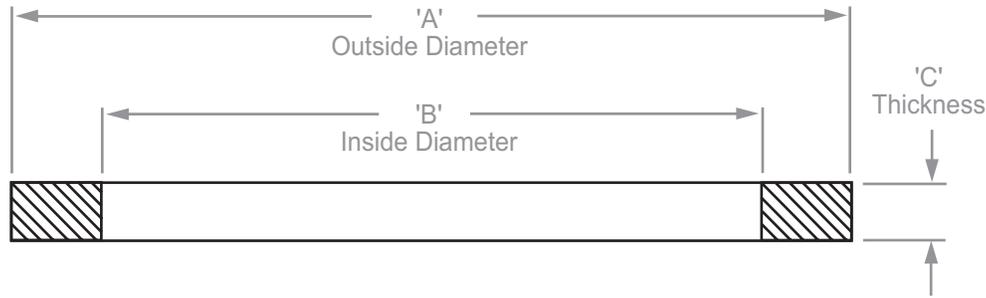


### Accordion

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



## Dixon™ Cam and Groove Gasket Dimensions



- nominal dimensions for Dixon™ 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'
½"	<b>50-G</b> <sup>1</sup>	1-1/32"	11/16"	.156"
¾"	<b>75-G</b>	1-3/8"	7/8"	.218"
1"	<b>100-G</b>	1-9/16"	1-1/16"	.250"
1¼"	<b>125-G</b>	1-15/16"	1-23/64"	.250"
1½"	<b>150-G</b>	2-3/16"	1-5/8"	.250"
2"	<b>200-G</b>	2-5/8"	2"	.250"
2½"	<b>250-G</b>	3-1/8"	2-3/8"	.250"
3"	<b>300-G</b>	3-23/32"	3"	.250"
4"	<b>400-G</b>	4-7/8"	4"	.250"
5"	<b>500-G</b>	5-15/16"	4-7/8"	.250"
6"	<b>600-G</b>	7-1/16"	6"	.250"
8"	<b>800-G</b> <sup>1</sup>	9-5/16"	8-1/8"	.343"



<sup>1</sup> No interchange standard exists for the ½" 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 <sup>1</sup>	Gasket Material	Material Color	Color code stripes (appear on the OD of the gasket or filler)
<b>-BU</b>	Buna-N (standard in all metal fittings)	black	1 blue
<b>-BF</b>	Buna (formulated for fuel service)	black	2 green
<b>-VI</b>	FKM	black	1 yellow
<b>-THK</b>	Extra Thick Buna	black	2 blue
<b>-EPR</b>	Ethylene Propylene	black	1 white
<b>-NE</b>	Neoprene	black	1 red
<b>-WNE</b>	White Neoprene, FDA approved material	white	none
<b>-WB</b>	White Buna N, FDA approved material	white	blue
<b>-SIL</b>	Silicone	red	none
<b>-TF</b>	PTFE (TFE) Envelope with Buna-N filler	white / black	1 blue
<b>TFVI</b>	PTFE (TFE) Envelope with FKM filler	white / black	1 yellow
<b>TFWB</b>	PTFE (TFE) Envelope with White Buna-N filler, FDA approved materials	white / white	blue
<b>TFEP</b>	PTFE (TFE) Envelope with Ethylene Propylene filler	white / black	1 white stripe
<b>-TES</b>	PTFE (FEP) Encapsulated Silicone core, FDA approved materials	translucent / red	none
<b>-TEV</b>	PTFE (FEP) Encapsulated FKM core	translucent / black	none
<b>TFACC</b>	PTFE (TFE) Accordion, FDA approved materials	white	none

<sup>1</sup> 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
½"	<b>G50-A-AL</b> <sup>1</sup>	\$6.35	<b>G50-A-BR</b> <sup>1</sup>	\$11.80	<b>G50-A-SS</b>	\$18.00
¾"	<b>G75-A-AL</b>	5.00	<b>G75-A-BR</b>	10.70	<b>G75-A-SS</b>	19.00
1"	<b>G100-A-AL</b>	5.10	<b>G100-A-BR</b>	13.70	<b>G100-A-SS</b>	18.60
1¼"	<b>G125-A-AL</b>	7.75	<b>G125-A-BR</b>	17.70	<b>G125-A-SS</b>	29.10
1½"	<b>G150-A-AL</b>	5.70	<b>G150-A-BR</b>	20.45	<b>G150-A-SS</b>	31.05
2"	<b>G200-A-AL</b>	6.05	<b>G200-A-BR</b>	26.70	<b>G200-A-SS</b>	37.45
2½"	<b>G250-A-AL</b>	14.60	<b>G250-A-BR</b>	41.05	<b>G250-A-SS</b>	72.30
3"	<b>G300-A-AL</b>	12.40	<b>G300-A-BR</b>	47.05	<b>G300-A-SS</b>	78.35
4"	<b>G400-A-AL</b>	19.55	<b>G400-A-BR</b>	82.80	<b>G400-A-SS</b>	138.35
5"	<b>G500-A-AL</b> <sup>1</sup>	73.60	<b>G500-A-BR</b> <sup>1</sup>	197.30	---	---
6"	<b>G600-A-AL</b>	51.40	---	---	<b>G600-A-SS</b>	248.50
8"	<b>G800-A-AL</b> <sup>1</sup>	238.55	---	---	---	---



female NPT x male adapter

<sup>1</sup> Does not interchange in the ½", 5", and 8" sizes with Dixon™ or Boss-Lock™ style cam and groove.

## 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
½"	<b>G50-B-AL</b> <sup>1,2</sup>	\$16.20	<b>G50-B-BR</b> <sup>1</sup>	\$27.10	<b>G50-B-SS</b>	\$29.50	---	---
¾"	<b>G75-B-AL</b> <sup>2</sup>	10.75	<b>G75-B-BR</b>	24.45	<b>G75-B-SS</b>	31.45	---	---
1"	<b>G100-B-AL</b> <sup>2</sup>	11.95	<b>G100-B-BR</b> <sup>2</sup>	26.35	<b>G100-B-SS</b>	32.20	---	---
1¼"	<b>G125-B-AL</b>	16.30	<b>G125-B-BR</b>	36.70	<b>G125-B-SS</b>	52.45	---	---
1½"	<b>G150-B-AL</b>	13.65	<b>G150-B-BR</b>	35.70	<b>G150-B-SS</b>	52.10	<b>G150-B-ALSI</b>	\$13.65
2"	<b>G200-B-AL</b>	14.25	<b>G200-B-BR</b>	41.90	<b>G200-B-SS</b>	65.55	<b>G200-B-ALSI</b>	14.25
2½"	<b>G250-B-AL</b>	26.00	<b>G250-B-BR</b>	63.35	<b>G250-B-SS</b>	94.60	---	---
3"	<b>G300-B-AL</b>	23.60	<b>G300-B-BR</b>	77.70	<b>G300-B-SS</b>	109.35	<b>G300-B-ALSI</b>	23.60
4"	<b>G400-B-AL</b>	33.35	<b>G400-B-BR</b>	108.85	<b>G400-B-SS</b>	160.40	<b>G400-B-ALSI</b>	33.35
5"	<b>G500-B-AL</b> <sup>1</sup>	97.05	<b>G500-B-BR</b> <sup>1</sup>	316.10	---	---	---	---
6"	<b>G600-B-AL</b>	92.70	---	---	<b>G600-B-SS</b>	429.75	---	---



female coupler x male NPT

<sup>1</sup> Does not interchange in the ½" and 5" sizes with Dixon™ or Boss-Lock™ style cam and groove.  
<sup>2</sup> supplied with stainless steel handles

## 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
½"	<b>G50-C-AL</b> <sup>1,2</sup>	\$13.15	<b>G50-C-BR</b> <sup>1,2</sup>	\$31.10	<b>G50-C-SS</b>	\$28.75	---	---
¾"	<b>G75-C-AL</b> <sup>2</sup>	10.70	<b>G75-C-BR</b> <sup>2</sup>	20.40	<b>G75-C-SS</b>	30.40	---	---
1"	<b>G100-C-AL</b> <sup>2</sup>	10.95	<b>G100-C-BR</b> <sup>2</sup>	29.50	<b>G100-C-SS</b>	29.50	---	---
1¼"	<b>G125-C-AL</b>	15.50	<b>G125-C-BR</b>	30.25	<b>G125-C-SS</b>	50.35	---	---
1½"	<b>G150-C-AL</b>	13.20	<b>G150-C-BR</b>	39.60	<b>G150-C-SS</b>	49.80	<b>G150-C-ALSI</b>	\$13.20
2"	<b>G200-C-AL</b>	15.25	<b>G200-C-BR</b>	48.05	<b>G200-C-SS</b>	63.65	<b>G200-C-ALSI</b>	15.25
2½"	<b>G250-C-AL</b>	25.90	<b>G250-C-BR</b>	70.45	<b>G250-C-SS</b>	86.00	---	---
3"	<b>G300-C-AL</b>	23.55	<b>G300-C-BR</b>	90.95	<b>G300-C-SS</b>	125.45	<b>G300-C-ALSI</b>	23.55
4"	<b>G400-C-AL</b>	36.75	<b>G400-C-BR</b>	132.00	<b>G400-C-SS</b>	173.95	<b>G400-C-ALSI</b>	36.75
5"	<b>G500-C-AL</b> <sup>1</sup>	103.00	<b>G500-C-BR</b> <sup>1</sup>	409.20	---	---	---	---
6"	<b>G600-C-AL</b>	109.20	---	---	<b>G600-C-SS</b>	406.15	---	---
8"	<b>G800-C-AL</b> <sup>1</sup>	335.00	---	---	---	---	---	---



female coupler x hose shank

<sup>1</sup> Does not interchange in the ½", 5", and 8" sizes with Dixon™ or Boss-Lock™ style cam and groove.

<sup>2</sup> supplied with stainless steel handles

DPL11



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## 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"	<b>G50-D-AL</b> <sup>1,2</sup>	\$16.35	<b>G50-D-BR</b> <sup>1,2</sup>	\$29.90	<b>G50-D-SS</b>	\$29.75	---	---
3/4"	<b>G75-D-AL</b> <sup>2</sup>	12.10	<b>G75-D-BR</b> <sup>2</sup>	22.75	<b>G75-D-SS</b>	31.35	---	---
1"	<b>G100-D-AL</b> <sup>2</sup>	11.60	<b>G100-D-BR</b> <sup>2</sup>	30.25	<b>G100-D-SS</b>	31.35	---	---
1 1/4"	<b>G125-D-AL</b>	16.95	<b>G125-D-BR</b>	35.15	<b>G125-D-SS</b>	52.90	---	---
1 1/2"	<b>G150-D-AL</b>	12.90	<b>G150-D-BR</b>	39.20	<b>G150-D-SS</b>	54.70	<b>G150-D-ALSI</b>	\$12.90
2"	<b>G200-D-AL</b>	15.05	<b>G200-D-BR</b>	45.35	<b>G200-D-SS</b>	65.60	<b>G200-D-ALSI</b>	15.05
2 1/2"	<b>G250-D-AL</b>	26.45	<b>G250-D-BR</b>	77.30	<b>G250-D-SS</b>	88.45	---	---
3"	<b>G300-D-AL</b>	25.15	<b>G300-D-BR</b>	80.95	<b>G300-D-SS</b>	107.45	<b>G300-D-ALSI</b>	25.15
4"	<b>G400-D-AL</b>	34.00	<b>G400-D-BR</b>	129.45	<b>G400-D-SS</b>	169.95	<b>G400-D-ALSI</b>	34.00
5"	<b>G500-D-AL</b> <sup>1</sup>	92.25	<b>G500-D-BR</b> <sup>1</sup>	310.90	---	---	---	---
6"	<b>G600-D-AL</b>	98.45	---	---	<b>G600-D-SS</b>	421.00	---	---

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

<sup>2</sup> 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"	<b>G50-E-AL</b> <sup>1</sup>	\$8.80	<b>G50-E-BR</b> <sup>1</sup>	\$19.20	<b>G50-E-SS</b>	\$15.90
3/4"	<b>G75-E-AL</b>	4.35	<b>G75-E-BR</b>	19.70	<b>G75-E-SS</b>	16.75
1"	<b>G100-E-AL</b>	5.05	<b>G100-E-BR</b>	19.05	<b>G100-E-SS</b>	22.45
1 1/4"	<b>G125-E-AL</b>	7.55	<b>G125-E-BR</b>	21.35	<b>G125-E-SS</b>	36.10
1 1/2"	<b>G150-E-AL</b>	6.55	<b>G150-E-BR</b>	27.40	<b>G150-E-SS</b>	36.25
2"	<b>G200-E-AL</b>	8.40	<b>G200-E-BR</b>	38.25	<b>G200-E-SS</b>	50.45
2 1/2"	<b>G250-E-AL</b>	16.20	<b>G250-E-BR</b>	63.25	<b>G250-E-SS</b>	83.15
3"	<b>G300-E-AL</b>	15.15	<b>G300-E-BR</b>	76.75	<b>G300-E-SS</b>	110.25
4"	<b>G400-E-AL</b>	25.10	<b>G400-E-BR</b>	123.00	<b>G400-E-SS</b>	161.00
5"	<b>G500-E-AL</b> <sup>1</sup>	78.05	<b>G500-E-BR</b> <sup>1</sup>	447.95	---	---
6"	<b>G600-E-AL</b>	79.45	---	---	<b>G600-E-SS</b>	360.30
8"	<b>G800-E-AL</b> <sup>1</sup>	240.00	---	---	---	---

<sup>1</sup> 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"	<b>G50-F-AL</b> <sup>1</sup>	\$6.60	<b>G50-F-BR</b> <sup>1</sup>	\$14.70	<b>G50-F-SS</b>	\$22.00
3/4"	<b>G75-F-AL</b>	5.35	<b>G75-F-BR</b>	13.30	<b>G75-F-SS</b>	23.30
1"	<b>G100-F-AL</b>	5.70	<b>G100-F-BR</b>	16.55	<b>G100-F-SS</b>	25.55
1 1/4"	<b>G125-F-AL</b>	9.40	<b>G125-F-BR</b>	29.65	<b>G125-F-SS</b>	41.20
1 1/2"	<b>G150-F-AL</b>	6.80	<b>G150-F-BR</b>	29.75	<b>G150-F-SS</b>	44.75
2"	<b>G200-F-AL</b>	7.65	<b>G200-F-BR</b>	34.60	<b>G200-F-SS</b>	53.80
2 1/2"	<b>G250-F-AL</b>	17.85	<b>G250-F-BR</b>	44.50	<b>G250-F-SS</b>	92.25
3"	<b>G300-F-AL</b>	16.85	<b>G300-F-BR</b>	67.55	<b>G300-F-SS</b>	112.05
4"	<b>G400-F-AL</b>	24.80	<b>G400-F-BR</b>	99.50	<b>G400-F-SS</b>	159.80
5"	<b>G500-F-AL</b> <sup>1</sup>	88.60	<b>G500-F-BR</b> <sup>1</sup>	332.10	---	---
6"	<b>G600-F-AL</b>	64.60	---	---	<b>G600-F-SS</b>	385.45

<sup>1</sup> 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"	<b>G50-DC-AL</b> <sup>1,2</sup>	\$14.40	<b>G50-DC-BR</b> <sup>1,2</sup>	\$24.05	<b>G50-DC-SS</b>	\$27.00	---	---
3/4"	<b>G75-DC-AL</b> <sup>2</sup>	10.60	<b>G75-DC-BR</b> <sup>2</sup>	18.10	<b>G75-DC-SS</b>	28.45	---	---
1"	<b>G100-DC-AL</b> <sup>2</sup>	10.40	<b>G100-DC-BR</b> <sup>2</sup>	22.30	<b>G100-DC-SS</b>	28.80	---	---
1 1/4"	<b>G125-DC-AL</b>	14.00	<b>G125-DC-BR</b>	31.25	<b>G125-DC-SS</b>	50.50	---	---
1 1/2"	<b>G150-DC-AL</b>	12.70	<b>G150-DC-BR</b>	34.95	<b>G150-DC-SS</b>	48.35	<b>G150-DC-ALSI</b>	\$12.70
2"	<b>G200-DC-AL</b>	12.40	<b>G200-DC-BR</b>	38.25	<b>G200-DC-SS</b>	56.90	<b>G200-DC-ALSI</b>	12.40
2 1/2"	<b>G250-DC-AL</b>	20.70	<b>G250-DC-BR</b>	44.90	<b>G250-DC-SS</b>	78.45	---	---
3"	<b>G300-DC-AL</b>	23.10	<b>G300-DC-BR</b>	69.90	<b>G300-DC-SS</b>	93.60	<b>G300-DC-ALSI</b>	23.10
4"	<b>G400-DC-AL</b>	29.25	<b>G400-DC-BR</b>	97.05	<b>G400-DC-SS</b>	126.05	<b>G400-DC-ALSI</b>	29.25
5"	<b>G500-DC-AL</b> <sup>1</sup>	80.00	<b>G500-DC-BR</b> <sup>1</sup>	304.90	---	---	---	---
6"	<b>G600-DC-AL</b>	84.35	---	---	<b>G600-DC-SS</b>	405.95	---	---

<sup>1</sup> does not interchange in the 1/2" and 5" sizes with Dixon™ or Boss-Lock™ style cam and groove use same arms as 3" and 4"

<sup>2</sup> stainless steel handles



dust cap

## 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"	<b>G50-DP-AL</b> <sup>1</sup>	\$5.05	<b>G50-DP-BR</b> <sup>1</sup>	\$18.65	<b>G50-DP-SS</b>	\$14.75
3/4"	<b>G75-DP-AL</b>	4.85	<b>G75-DP-BR</b>	12.80	<b>G75-DP-SS</b>	15.85
1"	<b>G100-DP-AL</b>	4.75	<b>G100-DP-BR</b>	14.20	<b>G100-DP-SS</b>	18.85
1 1/4"	<b>G125-DP-AL</b>	5.65	<b>G125-DP-BR</b>	18.75	<b>G125-DP-SS</b>	31.00
1 1/2"	<b>G150-DP-AL</b>	5.45	<b>G150-DP-BR</b>	17.85	<b>G150-DP-SS</b>	29.15
2"	<b>G200-DP-AL</b>	6.55	<b>G200-DP-BR</b>	21.20	<b>G200-DP-SS</b>	33.55
2 1/2"	<b>G250-DP-AL</b>	9.70	<b>G250-DP-BR</b>	34.60	<b>G250-DP-SS</b>	60.10
3"	<b>G300-DP-AL</b>	11.05	<b>G300-DP-BR</b>	37.40	<b>G300-DP-SS</b>	72.85
4"	<b>G400-DP-AL</b>	17.50	<b>G400-DP-BR</b>	62.15	<b>G400-DP-SS</b>	86.85
5"	<b>G500-DP-AL</b> <sup>1</sup>	48.20	<b>G500-DP-BR</b> <sup>1</sup>	201.45	---	---
6"	<b>G600-DP-AL</b>	44.90	---	---	<b>G600-DP-SS</b>	249.95

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



dust plug

Replacement Handle Assemblies for Global Couplers  
For Aluminum and Brass Global Couplers

## Feature:

- supplied complete with ring and pin



investment stainless

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



forged brass

Fits on sizes	Forged Brass Part #	Price/E
1 1/4" - 2 1/2"	<b>G152HRP</b>	\$4.60
3" and 4"	<b>G34HRP</b>	8.10
6" and 8"	<b>G600HRP</b>	18.00



investment stainless

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

## Safety Clip for Global Couplers

Zinc Plated Carbon Steel		Bag Qty
Part #	Price/E	
<b>GSAFETYCLIP</b>	\$0.40	25



C



### Global Type DD Spool Couplers

Size	A380 Permanent Mold AL		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
2"	<b>G200-DD-AL</b>	\$53.95	<b>G200-DD-SS</b>	\$129.55
3"	<b>G300-DD-AL</b>	75.45	<b>G300-DD-SS</b>	193.50
4"	<b>G400-DD-AL</b>	103.85	<b>G400-DD-SS</b> <b>NEW</b>	375.00



G300-AA-AL



G2030-AA-AL

### Global Type AA Spool Adapters

Size	A380 Permanent Mold AL		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
1"	<b>G100-AA-AL</b>	\$8.55	---	---
1½"	<b>G150-AA-AL</b>	25.00	<b>G150-AA-SS</b> <b>NEW</b>	\$75.50
2"	<b>G200-AA-AL</b>	21.60	<b>G200-AA-SS</b>	105.60
3"	<b>G300-AA-AL</b>	50.40	<b>G300-AA-SS</b> <b>NEW</b>	183.35
4"	<b>G400-AA-AL</b>	65.80	<b>G400-AA-SS</b>	224.70

#### jump size male spool adapter

Size	A380 Permanent Mold Aluminum		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
1½" x 2"	<b>G1520-AA-AL</b>	\$32.40	---	---
2" x 3"	<b>G2030-AA-AL</b>	49.75	<b>G2030-AA-SS</b> <b>NEW</b>	\$137.40
3" x 4"	<b>G3040-AA-AL</b>	71.10	---	---



G3020-C-AL



G3020-DA-AL



G3020-E-AL

### Global Jump Size Cam and Groove male adapter x female NPT

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

#### female coupler x hose shank

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

#### female coupler x male adapter

Size	A380 Permanent Mold Aluminum		316 Investment Cast SS	
	Part #	Price/E	Part #	Price/E
3" x 2"	<b>G3020-DA-AL</b> <b>NEW</b>	\$58.05	<b>G3020-DA-SS</b> <b>NEW</b>	\$195.50
3" x 4"	<b>G3040-DA-AL</b>	75.00	---	---
4" x 3"	<b>G4030-DA-AL</b>	83.70	<b>G4030-DA-SS</b> <b>NEW</b>	321.00
5" x 4"	<b>G5040-DA-AL</b>	123.60	---	---
6" X 4"	<b>G6040-DA-AL</b> <b>NEW</b>	144.40	---	---

#### male adapter x hose shank

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

**NEW**



Size	356T6 Aluminum	
	Part #	Price/E
4"	<b>G400-AL-AL</b>	\$114.85



Size	356T6 Aluminum	
	Part #	Price/E
4"	<b>G400-DL-AL</b>	\$194.40

## Cam and Groove x NST (NH) Adapters

## 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"	<b>G150-D-ALNST</b>	<b>\$90.40</b>	3.0
2"	2½"	<b>2025-D-ALNST</b>	<b>110.10</b>	3.4
2½"	2½"	<b>G250-D-ALNST</b>	<b>116.75</b>	3.4
3"	2½"	<b>3025-D-ALNST</b>	<b>136.40</b>	3.4



## Type A

Type A Adapter	Female NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	<b>G150-A-ALNST</b>	<b>\$80.00</b>	3.0
2½"	2½"	<b>G250-A-ALNST</b>	<b>103.75</b>	3.4
3"	2½"	<b>3025-A-ALNST</b>	<b>116.75</b>	3.4



## Type B

Type B Coupler	Male NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	<b>G150-B-ALNST</b>	<b>\$85.85</b>	3.0
2"	1½"	<b>2015-B-ALNST</b>	<b>112.65</b>	3.4
2½"	2½"	<b>G250-B-ALNST</b>	<b>138.80</b>	3.4
3"	2½"	<b>3025-B-ALNST</b>	<b>155.80</b>	3.4



## Type F

Type F Adapter	Male NST (NH) Thread	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	<b>G150-F-ALNST</b>	<b>\$77.50</b>	3.0
2"	2½"	<b>2025-F-ALNST</b>	<b>139.95</b>	3.4
2½"	2½"	<b>G250-F-ALNST</b>	<b>125.80</b>	3.4
3"	2½"	<b>3025-F-ALNST</b>	<b>143.70</b>	3.4



- other sizes, configurations and materials available, contact Dixon™ for information

## 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 634 for lug wrenches

Female NST (NH)	Male Adapter	Aluminum Part #	Price	Wt. Lbs.
1½"	1½"	<b>AHA1515ADP</b>	<b>\$56.05</b>	0.5
2½"	2½"	<b>AHA2525ADP</b>	<b>52.50</b>	0.6



Female NST (NH)	Male Adapter	Brass Part #	Price	Wt. Lbs.
1½"	1½"	<b>HA1515ADP</b>	<b>\$75.50</b>	0.8
2½"	2½"	<b>HA2525ADP</b>	<b>83.30</b>	2.0



## Polypropylene Adapters



NOT recommended for use with PTFE gaskets

C

**Features:**

- manufactured from a glass-filled polypropylene
- maximum operating pressure: **125 PSI** (1/2" - 1"), **100 PSI** (1 1/4" - 2"), **60 PSI** (3") and **50 PSI** (4"); recommendations based on the use of mating Dixon™ fittings at an ambient temperature of **70°F** with standard seal installed
- 1/2" couplers and adapters will interchange with 3/4" couplers and adapters, only the threads and barbs are 1/2"
- 1 1/4" couplers and adapters will interchange with 1 1/2" couplers and adapters, only the threads and barbs are 1 1/4"
- polypropylene cam and groove should not be mixed with metal fittings



male adapter x female NPT

type A			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
3/4" x 1/2"	<b>PPA50</b>	<b>\$2.45</b>	24
3/4"	<b>PPA75</b>	<b>2.45</b>	24
1"	<b>PPA100</b>	<b>2.50</b>	24
1 1/2" x 1 1/4"	<b>PPA125</b>	<b>3.90</b>	24
1 1/2"	<b>PPA150</b>	<b>4.05</b>	24
2"	<b>PPA200</b>	<b>5.10</b>	24
3"	<b>PPA300</b>	<b>8.55</b>	24
4"	<b>PPA400</b>	<b>21.00</b>	8



male adapter x male NPT

type F			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
3/4" x 1/2"	<b>PPF50</b>	<b>\$1.80</b>	24
3/4"	<b>PPF75</b>	<b>1.80</b>	24
1"	<b>PPF100</b>	<b>2.05</b>	24
1 1/2" x 1 1/4"	<b>PPF125</b>	<b>3.15</b>	24
1 1/2"	<b>PPF150</b>	<b>4.05</b>	24
2"	<b>PPF200</b>	<b>5.40</b>	24
3"	<b>PPF300</b>	<b>12.05</b>	24
4"	<b>PPF400</b>	<b>21.85</b>	8



male adapter x hose shank

type E			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
3/4" x 1/2"	<b>PPE50</b>	<b>\$1.65</b>	24
3/4"	<b>PPE75</b>	<b>1.65</b>	24
1"	<b>PPE100</b>	<b>2.05</b>	24
1 1/2" x 1 1/4"	<b>PPE125</b>	<b>3.05</b>	24
1 1/2"	<b>PPE150</b>	<b>4.20</b>	24
2"	<b>PPE200</b>	<b>5.60</b>	24
3"	<b>PPE300</b>	<b>9.80</b>	24
4"	<b>PPE400</b>	<b>18.60</b>	8



dust plug<sup>1</sup>



4" plug has a different design

type P <sup>1</sup>			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
3/4"	<b>PPP75</b>	<b>\$1.40</b>	24
1"	<b>PPP100</b>	<b>1.65</b>	24
1 1/2"	<b>PPP150</b>	<b>3.30</b>	24
2"	<b>PPP200</b>	<b>4.40</b>	24
3"	<b>PPP300</b>	<b>6.55</b>	24
4"	<b>PPP400</b>	<b>12.85</b>	8



<sup>1</sup> 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** (1 1/2" - 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™



male adapter x female NPT

90° Elbow x FNPT			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
1 1/2"	<b>90PPA150</b>	<b>\$9.50</b>	24
2"	<b>90PPA200</b>	<b>10.50</b>	24



male adapter x male NPT

90° Elbow x MNPT			
Size	Polypropylene		Opt Qty
	Part #	Price/E	
1 1/2"	<b>90PPF150</b>	<b>\$7.00</b>	24
2"	<b>90PPF200</b>	<b>8.55</b>	24

# Polypropylene Couplers



NOT recommended for use with PTFE gaskets

## 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"), **60 PSI** (3") and **50 PSI** (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"
- replacements: gasket use EPR on page 78, key rings use **R200SS** on page 76, safety clip use **GSAFETYCLIP** on page 83

### type D

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	<b>PPD50</b>	<b>\$8.25</b>	24
¾"	<b>PPD75</b>	<b>8.25</b>	24
1"	<b>PPD100</b>	<b>9.20</b>	24
1½" x 1¼"	<b>PPD125</b>	<b>14.40</b>	24
1½"	<b>PPD150</b>	<b>15.10</b>	24
2"	<b>PPD200</b>	<b>16.90</b>	24
3"	<b>PPD300</b>	<b>25.35</b>	24
4"	<b>PPD400<sup>2</sup></b>	<b>41.20</b>	8



female coupler x female NPT

### type B

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	<b>PPB50</b>	<b>\$6.80</b>	24
¾"	<b>PPB75</b>	<b>6.80</b>	24
1"	<b>PPB100</b>	<b>8.35</b>	24
1½" x 1¼"	<b>PPB125</b>	<b>12.40</b>	24
1½"	<b>PPB150</b>	<b>14.00</b>	24
2"	<b>PPB200</b>	<b>15.80</b>	24
3"	<b>PPB300</b>	<b>23.95</b>	24
4"	<b>PPB400<sup>2</sup></b>	<b>38.95</b>	8



female coupler x male NPT

### type C

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾" x ½"	<b>PPC50</b>	<b>\$7.00</b>	24
¾"	<b>PPC75</b>	<b>7.00</b>	24
1"	<b>PPC100</b>	<b>8.50</b>	24
1½" x 1¼"	<b>PPC125</b>	<b>13.00</b>	24
1½"	<b>PPC150</b>	<b>14.40</b>	24
2"	<b>PPC200</b>	<b>16.65</b>	24
3"	<b>PPC300</b>	<b>25.15</b>	24
4"	<b>PPC400<sup>2</sup></b>	<b>42.20</b>	8



female coupler x hose shank

### type H<sup>1</sup>

Size	Polypropylene		Opt Qty
	Part #	Price/E	
¾"	<b>PPH75</b>	<b>\$6.65</b>	24
1"	<b>PPH100</b>	<b>8.10</b>	24
1½"	<b>PPH150</b>	<b>13.40</b>	24
2"	<b>PPH200</b>	<b>14.70</b>	24
3"	<b>PPH300</b>	<b>21.40</b>	24
4"	<b>PPH400<sup>2</sup></b>	<b>35.30</b>	8



dust cap<sup>1</sup>

4" cap has 4 handles



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

<sup>2</sup> 4" coupler has 4 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"	<b>90PPD150</b>	<b>\$21.00</b>	24
2"	<b>90PPD200</b>	<b>25.00</b>	24



female coupler x female NPT

### 90° Elbow x Hose Shank

Size	Polypropylene		Opt Qty
	Part #	Price/E	
1½"	<b>90PPC150</b>	<b>\$21.80</b>	24
2"	<b>90PPC200</b>	<b>24.10</b>	24



female coupler x hose shank

# 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**

**D 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
- optional non-disclosure design is available, contact Dixon™



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	<b>MSBC200SS</b>	<b>\$4400.20</b>
3"	80	<b>MSBC300SS</b>	<b>7781.65</b>
4"	100	<b>MSBC400SS</b>	<b>11958.30</b>
5"	125	<b>MSBC500SS</b>	<b>21927.00</b>

### Male NPT x Male NPT



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

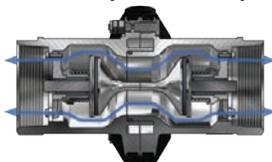
### 150# Flange x 150# Flange



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

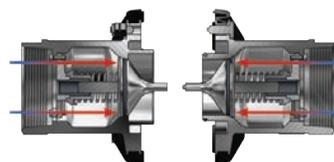
### How it Works

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.

# 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
- optional non-disclosure design is available, contact Dixon™



**D**

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	<b>SBC200SS</b>	<b>\$3667.85</b>	<b>SBC200AL</b>	<b>\$1711.90</b>
3"	80	<b>SBC300SS</b>	<b>6484.90</b>	<b>SBC300AL</b>	<b>3324.85</b>
4"	100	<b>SBC400SS</b>	<b>9960.10</b>	<b>SBC400AL</b>	<b>5085.10</b>
5"	125	<b>SBC500SS</b>	<b>18798.00</b>	<b>SBC500AL</b>	<b>11746.00</b>
6"	150	<b>SBC600SS</b>	<b>33608.90</b>	<b>SBC600AL</b>	<b>24709.70</b>



### Male NPT x Male NPT

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



### 150# Flange x 150# Flange

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



### 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"	<b>SBC400ALTMA</b>	<b>\$5267.00</b>



## 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

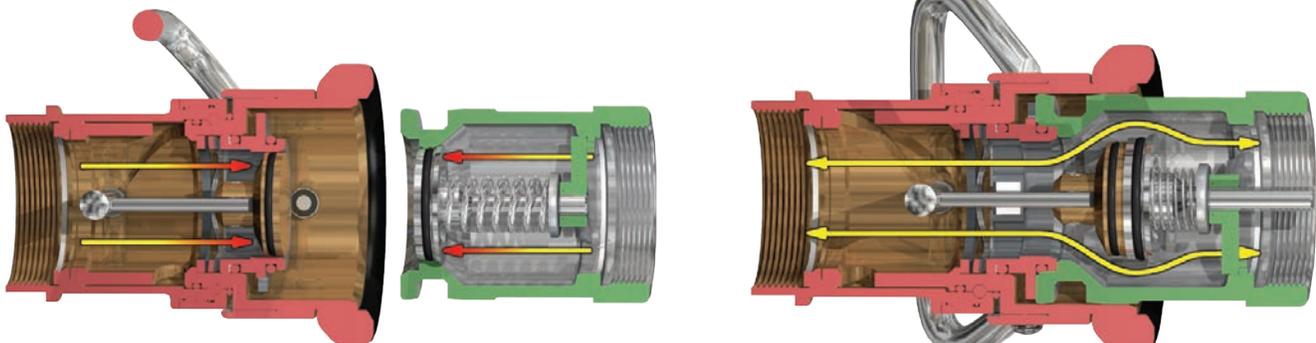
### Features:

- 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, selective versions of the couplers and 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: **230 PSI**, up to 4"
  - brass/ gunmetal<sup>1</sup>: **230 PSI**, up to 4"
  - stainless steel: **360 PSI**
- standard seal supplied: FKM
- optional seals:
  - EPDM
  - NBR - nitrile
  - Kalrez®
  - Chemraz®
- seal kits are available
- interchanges with Avery Hardoll and Todo-matic®

<sup>1</sup> 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 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 <sup>1</sup>	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	56 mm	<b>DDC075SS</b>	\$2197.65	<b>DDC075AL</b>	\$1147.30	<b>DDC075BR</b>	\$1606.80
1"	56 mm	<b>DDC100SS</b>	2197.65	<b>DDC100AL</b>	1147.30	<b>DDC100BR</b>	1606.80
1 1/2"	70 mm	<b>DDC150SS</b>	3378.10	<b>DDC150AL</b>	1667.50	<b>DDC150BR</b>	2002.35
2"	70 mm	<b>DDC200SS</b>	3378.10	<b>DDC200AL</b>	1667.50	<b>DDC200BR</b>	2002.35
3"	105 mm	<b>DDC300SS105</b>	5855.10	<b>DDC300AL105</b>	1869.60	<b>DDC300GM105</b>	2649.70
3"	119 mm	<b>DDC300SS</b>	5884.20	<b>DDC300AL</b>	1885.50	<b>DDC300GM</b>	2957.05
4"	164 mm	<b>DDC400SS</b>	10138.40	<b>DDC400AL</b>	3958.40	<b>DDC400GM</b>	5372.75
6"	238 mm	<b>DDC600SS</b>	26951.50	<b>DDC600AL</b>	13885.00	---	---

<sup>1</sup> 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	<b>DDC200SSFL</b>	\$5280.30
3"	119 mm	<b>DDC300SSFL</b>	8185.50
4"	164 mm	<b>DDC400SSFL</b>	12896.15
6"	238 mm	<b>DDC600SSFL</b>	26951.50
8"	272 mm	<b>DDC800SSFL</b>	98020.00



### coupler x TTMA flange with FKM (FPM) seals

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



## Dust Plugs for Couplers

Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
3/4" and 1"	56 mm	<b>DDDP075</b>	\$108.40
1 1/2" and 2"	70 mm	<b>DDDP150</b>	112.40
3"	105 mm	<b>DDDP300105</b>	116.00
3"	119 mm	<b>DDDP300</b>	116.00
4"	164 mm	<b>DDDP400</b>	232.40
6"	238 mm	<b>DDDP600<sup>1</sup></b>	700.00

<sup>1</sup> 6" dust plug is aluminum



## Dry 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 <sup>1</sup> adapter: brass poppet, brass and stainless steel internal parts
- 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 x adapter

Female NPT	Body Size	316 Stainless Steel		Aluminum		Brass / Gunmetal <sup>1</sup>	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
¾"	56 mm	<b>DDA075SS</b>	\$800.10	<b>DDA075AL</b>	\$576.70	<b>DDA075BR</b>	\$654.40
1"	56 mm	<b>DDA100SS</b>	800.10	<b>DDA100AL</b>	576.70	<b>DDA100BR</b>	654.40
1½"	70 mm	<b>DDA150SS</b>	1185.80	<b>DDA150AL</b>	526.95	<b>DDA150BR</b>	592.40
2"	70 mm	<b>DDA200SS</b>	1185.80	<b>DDA200AL</b>	526.95	<b>DDA200BR</b>	592.40
3"	105 mm	<b>DDA300SS105</b>	1639.50	<b>DDA300AL105</b>	637.60	<b>DDA300GM105</b>	855.50
3"	119 mm	<b>DDA300SS</b>	1558.60	<b>DDA300AL</b>	652.05	<b>DDA300GM</b>	896.50
4"	164 mm	<b>DDA400SS</b>	2941.45	<b>DDA400AL</b>	1283.95	<b>DDA400GM</b>	2017.00
6"	238 mm	<b>DDA600SS</b>	11513.70	<b>DDA600AL</b>	5320.00	---	---



150# flange x adapter

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

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

<sup>1</sup> produced to US government bronze specification G



TTMA flange x adapter

#### adapter x TTMA flange with FKM (FPM) seals

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

### Dust Caps for Adapters



dust cap - composite

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

<sup>1</sup> 6" dust cap is aluminum



dust cap - rubber

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

## Dry Aviation Couplings

### Applications:

- designed for use in aviation refueling systems

### Features:

- body: high strength aluminum
- coupling ring: gunmetal (*produced 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	<b>DAC250AL</b>	<b>\$2204.90</b>
3"	ISO 45	<b>DAC300AL</b>	<b>2204.90</b>



female thread x coupler

#### coupler x female BSP with FKM (FPM) seals

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

### 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	<b>ASFI25T25B</b>	<b>\$1313.75</b>
3" NPT	3" BSP	<b>ASFI30T30B</b>	<b>1313.75</b>
2½" NPT	2½" NPT	<b>ASFI25T25T</b>	<b>1313.75</b>
3" NPT	3" NPT	<b>ASFI30T30T</b>	<b>1313.75</b>



### Dust Plug for Couplers

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



# 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	<b>DAA250AL</b>	<b>\$1305.50</b>
3"	ISO 45	<b>DAA300AL</b>	<b>1305.50</b>



150# flange x adapter

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

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

## Dust Cap for Adapters



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

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



coupler x 1½" and 2" female NPT



coupler x 3" female NPT

**greaseless coupler x female NPT**

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

<sup>1</sup> stainless steel corrosion resistance is comparable to 304 stainless steel

<sup>2</sup> 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	<b>DBS61-200</b>	<b>\$960.85</b>
2"	2½"	FKM	<b>DBS62-200</b>	<b>1108.30</b>
2"	2½"	PTFE Encapsulated FKM & FFPM	<b>DBS63-200</b>	<b>2251.45</b>



### Dust Plugs for Couplers

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



### Locking Kits for Couplers

Description	Aluminum	
	Part #	Price/E
for use with 1½" and 2" dry disconnect couplers	<b>DBCL-200</b>	<b>\$106.70</b>
for use with 3" dry disconnect couplers	<b>DBCL-300</b>	<b>106.70</b>



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**



adapter x 1/2" and 2" female NPT



adapter x 3" female NPT

Female NPT	Adapter Size	Seal	Max PSI at 70°	Aluminum		Stainless Steel <sup>1</sup>	
				Part #	Price/E	Part #	Price/E
1 1/2"	2"	Buna	210	<a href="#">DBA11-150</a>	\$205.70	<a href="#">DBA71-150</a>	\$500.90
2"	2"		150	<a href="#">DBA11-1520</a>	214.75	---	---
2"	2 1/2"		150	<a href="#">DBA11-200</a>	222.95	<a href="#">DBA71-200</a>	573.85
3"	4"		120	<a href="#">DBA11-300</a>	435.55	<a href="#">DBA71-300</a>	1284.45
1 1/2"	2"	FKM	210	<a href="#">DBA12-150</a>	210.10	<a href="#">DBA72-150</a>	500.90
2"	2"		150	<a href="#">DBA12-1520</a>	224.15	---	---
2"	2 1/2"		150	<a href="#">DBA12-200</a>	229.40	<a href="#">DBA72-200</a>	643.75
3"	4"		120	<a href="#">DBA12-300</a>	449.45	<a href="#">DBA72-300</a>	1302.45
1 1/2"	2"	PTFE Encapsulated Silicone	210	<a href="#">DBA63-150</a>	276.85	<a href="#">DBA73-150</a>	506.35
2"	2 1/2"		150	<a href="#">DBA63-200</a>	319.60	<a href="#">DBA73-200</a>	648.15
3"	4"		120	<a href="#">DBA63-300</a>	479.45	<a href="#">DBA73-300</a>	1510.20
1 1/2"	2"	EPT	210	<a href="#">DBA64-150</a>	255.70	<a href="#">DBA74-150</a>	519.40
2"	2 1/2"		150	<a href="#">DBA64-200</a>	291.70	<a href="#">DBA74-200</a>	573.85
3"	4"		120	<a href="#">DBA64-300</a>	559.30	<a href="#">DBA74-300</a>	1416.25
1 1/2"	2"	FFPM	210	<a href="#">DBA66-150</a>	878.90	<a href="#">DBA76-150</a>	1174.60
2"	2 1/2"		150	<a href="#">DBA66-200</a>	1084.05	<a href="#">DBA76-200</a>	1298.45
3"	4"		120	<a href="#">DBA66-300</a>	1877.70	<a href="#">DBA76-300</a>	2876.40
1 1/2"	2"	PTFE Encapsulated FKM	210	---	---	<a href="#">DBA77-150</a>	557.35
2"	2 1/2"		150	---	---	<a href="#">DBA77-200</a>	679.20
3"	4"		120	---	---	<a href="#">DBA77-300</a>	1376.35
3"	4"	FKM-B	120	<a href="#">DBA69-300</a>	687.20	---	---

**adapter x 150# ASA flange**



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

**vapor adapter x female thread**



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

<sup>1</sup> 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"	<a href="#">G200-DC-AL</a>	\$12.40	<a href="#">G200-DC-SS</a>	\$56.90
2 1/2"	<a href="#">G250-DC-AL</a>	20.70	<a href="#">G250-DC-SS</a>	78.45
4"	<a href="#">G400-DC-AL</a>	29.25	<a href="#">G400-DC-SS</a>	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 96 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	<b>D2C71-150</b>	<b>\$1030.85</b>
2"	2½"		<b>D2C71-200</b>	<b>1135.10</b>
1½"	2"	FKM	<b>D2C72-150</b>	<b>1051.40</b>
2"	2½"		<b>D2C72-200</b>	<b>1156.90</b>
1½"	2"	PTFE Encapsulated Silicone	<b>D2C73-150</b>	<b>1272.75</b>
2"	2½"		<b>D2C73-200</b>	<b>1347.35</b>
1½"	2"	EPDM	<b>D2C74-150</b>	<b>1030.85</b>
2"	2½"		<b>D2C74-200</b>	<b>1135.10</b>
1½"	2"	PTFE Encapsulated FKM	<b>D2C77-150</b>	<b>1272.75</b>
2"	2½"		<b>D2C77-200</b>	<b>1347.35</b>
1½"	2"	FKM-B	<b>D2C79-150</b>	<b>1102.90</b>
2"	2½"		<b>D2C79-200</b>	<b>1214.60</b>



## 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
- 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	<b>DGC100SS</b>	<b>\$2783.10</b>
2"	71 mm	<b>DGC200SS</b>	<b>4193.15</b>
3"	119 mm	<b>DGC300SS</b>	<b>5918.45</b>

### Dust Plugs for Couplers



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

### 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	<b>DGA100SS</b>	<b>\$999.20</b>
2"	71 mm	<b>DGA200SS</b>	<b>1301.95</b>
3"	119 mm	<b>DGA300SS</b>	<b>1439.95</b>

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	<b>DGA100SS175</b>	<b>\$1217.25</b>
3 1/4"	71 mm	<b>DGA200SS325</b>	<b>1612.80</b>

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	<b>DGA100SSFL</b>	<b>\$1637.70</b>
2"	71 mm	<b>DGA200SSFL</b>	<b>1742.80</b>
3"	119 mm	<b>DGA300SSFL</b>	<b>2010.60</b>

### Dust Caps for Adapters



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

## 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

## Diesel Fuel Nozzles

D



**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

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

## 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	<b>FRS</b>	<b>\$340.40</b>
one-piece receiver with cap	nickel-plated steel	<b>FRS-C</b>	<b>392.75</b>
one-piece receiver without cap	anodized aluminum	<b>FRA</b>	<b>340.40</b>
one-piece receiver with cap	anodized aluminum	<b>FRA-C</b>	<b>392.75</b>
cap for receiver	anodized aluminum	<b>FR-CAP</b>	<b>117.85</b>

**two-piece body**

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



## Non-Interchange Diesel Fuel Nozzle & Receiver

**Application:**

- often used in biodiesel fueling

**Features:**

- designed to prevent fuel contamination
- connects to the non-interchange receiver only.
- ball lock design



Description	Part #	Price/E
ball lock fuel nozzle	<b>FN600BL-NI</b>	<b>\$2807.00</b>



Description	Material	Part #	Price/E
one-piece receiver with cap	anodized aluminum	<b>FRA-NI-C</b>	<b>\$451.00</b>

# FloMAX Diesel Fueling System

## 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:

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



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

## 2" Diesel Fuel Receivers

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



## FloMAX Diesel Fueling System Diesel Fuel Gravity Fill Receivers

D



**Feature:**

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

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

## 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	<b>VT</b>	<b>\$405.85</b>
vent with 7" tube	<b>VT7</b>	<b>418.95</b>
vent with 9" tube	<b>VT9</b>	<b>432.00</b>
vent with 5" tube and threaded outlet	<b>VTT</b>	<b>453.85</b>

## 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	<b>VTX</b>	<b>\$754.95</b>
high flow fuel vent with 9" tube	<b>VTX-9</b>	<b>789.85</b>

## 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	<b>FNS</b>	<b>\$314.20</b>
2" male NPT x 1 1/2" female NPT	standard	<b>FNS2</b>	<b>327.30</b>
1 1/2" female NPT x 1 1/2" female NPT	double	<b>FNSID</b>	<b>353.50</b>
1 1/2" male NPS x 1 1/2" female NPT	standard	<b>FN600S<sup>1</sup></b>	<b>314.20</b>

<sup>1</sup> used with FN600 or FN600BL

## FloMAX Service Box



receivers sold separately

**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
<b>FSB</b>	<b>\$1669.85</b>

## 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	<b>ENBL</b>	<b>\$558.55</b>
3/4" NPT	engine nozzle ball lock with plug	<b>ENBL-P</b>	<b>610.95</b>
---	engine nozzle plug	<b>ENBL-PLUG</b>	<b>96.00</b>



### Receivers

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



ERJ-C

### Coolant Fluid (teal)

### Features:

- clear anodized aircraft grade aluminum wear surfaces
- 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	<b>CN</b>	<b>\$370.95</b>
1/2" NPT	coolant nozzle ball lock with plug	<b>CN-P</b>	<b>423.30</b>
---	coolant nozzle plug	<b>CN-PLUG</b>	<b>96.00</b>



### Receivers

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



## 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:

- clear anodized aircraft grade aluminum wear surfaces
- 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	<b>HN</b>	<b>\$558.55</b>
3/4" NPT	hydraulic nozzle with plug	<b>HN-P</b>	<b>610.95</b>
---	hydraulic nozzle plug	<b>HN-PLUG</b>	<b>96.00</b>

#### Receivers



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

### Transmission Fluid (violet)

#### Features:

- clear anodized aircraft grade aluminum wear surfaces
- 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	<b>TN</b>	<b>\$501.85</b>
1/2" NPT	transmission nozzle with plug	<b>TN-P</b>	<b>554.20</b>
---	transmission nozzle plug	<b>TN-PLUG</b>	<b>96.00</b>

#### Receivers



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

## 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	<b>R-EN</b>	<b>\$432.00</b>
3/4" NPT	R-series engine nozzle with plug	<b>R-EN-P</b>	<b>484.40</b>
---	R-series engine nozzle plug	<b>R-EN-PLUG</b>	<b>96.00</b>



**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	<b>R-ER</b>	<b>\$187.65</b>
1.625-12 UN-2A	1.312-12 UN-2B	R-series engine receiver with cap	<b>R-ER-C</b>	<b>244.40</b>
---	---	R-series engine receiver cap	<b>R-ER-CAP</b>	<b>96.00</b>



### 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	<b>R-CN</b>	<b>\$405.85</b>
1/2" NPT	R-series coolant nozzle with plug	<b>R-CN-P</b>	<b>458.20</b>
---	R-series coolant nozzle plug	<b>R-CN-PLUG</b>	<b>96.00</b>



**Receivers**

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



D

## FloMAX R Series Connectors

**Features:**

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

D

### 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	<b>R-HN</b>	<b>\$471.30</b>
1" NPT	R-series hydraulic nozzle with plug	<b>R-HN-P</b>	<b>528.00</b>
---	R-series hydraulic nozzle plug	<b>R-HN-PLUG</b>	<b>96.00</b>

**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	<b>R-HR</b>	<b>\$235.65</b>
1.875-12 UN-2A	1.625-12 UN-2B	R-series hydraulic receiver with cap	<b>R-HR-C</b>	<b>292.40</b>
---	---	R-series hydraulic receiver cap	<b>R-HR-CAP</b>	<b>96.00</b>

### 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	<b>R-TN</b>	<b>\$384.00</b>
3/4" NPT	R-series transmission nozzle with plug	<b>R-TN-P</b>	<b>436.40</b>
---	R-series transmission nozzle plug	<b>R-TN-PLUG</b>	<b>96.00</b>

**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	<b>R-TR</b>	<b>\$174.55</b>
1.312-12 UN-2A	1.062-12 UN-2B	R-series transmission receiver with cap	<b>R-TR-C</b>	<b>231.30</b>
---	---	R-series transmission receiver cap	<b>R-TR-CAP</b>	<b>96.00</b>

## 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: 50 GPM at 40 PSI
- working pressure rating: **200 PSI**

**Nozzles**

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



**Receivers**

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



- 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	<b>HFN-P1</b>	<b>\$685.10</b>
	gold nozzle with plug	<b>HFN-P2</b>	<b>685.10</b>
	teal nozzle with plug	<b>HFN-P3</b>	<b>685.10</b>
	violet nozzle with plug	<b>HFN-P4</b>	<b>685.10</b>
	navy nozzle with plug	<b>HFN-P5</b>	<b>685.10</b>
	copper nozzle with plug	<b>HFN-P6</b>	<b>685.10</b>
	blue/gray nozzle with plug	<b>HFN-P7</b>	<b>685.10</b>



**Receivers**

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



## 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 109

E

### Dry Disconnect Fittings



- available in stainless steel, with EPDM seals
- sizes ¾", 1", 1½" and 2"
- for more information see page 109

### GJ Boss™ Female Ground Joint Fittings



- available in plated steel and/or iron
- sizes ¼" through 6"
- for more information see page 111

### Boss™ Female Washer Seal Fittings



- available in plated steel and/or iron
- sizes ⅜" through 3"
- for more information see page 114

### 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 115

### 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 116 and 117

### 180° Steam Gauge Siphons



- available in steel and red brass pipe
- ¼" NPT schedule 40 steel, welded
- for more information see page 284

### 250 PSIG Steam Ball Valves



- available in bronze with 316 stainless steel ball and stem
- sizes ½" through 2"
- for more information see page 680



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"	<b>B16-200S</b>	<b>\$44.92</b>
3/8"	3/8"	<b>B16-300S</b>	<b>48.39</b>
1/2"	1/2"	<b>B16-400S</b>	<b>67.52</b>
3/4"	3/4"	<b>B16-600S</b>	<b>105.71</b>
1"	1"	<b>B16-800S</b>	<b>171.63</b>
1 1/2"	1 1/2"	<b>B16-1200S</b>	<b>459.94</b>



### poppet valve plugs

Body Size	Female NPT Size	Part #	Price/E
1/4"	1/4"	<b>B17-200S</b>	<b>\$13.87</b>
3/8"	3/8"	<b>B17-300S</b>	<b>19.63</b>
1/2"	1/2"	<b>B17-400S</b>	<b>24.67</b>
3/4"	3/4"	<b>B17-600S</b>	<b>43.32</b>
1"	1"	<b>B17-800S</b>	<b>56.64</b>
1 1/2"	1 1/2"	<b>B17-1200S</b>	<b>356.40</b>



## Dry Disconnect Fittings for Steam Service

### Applications:

- designed to fit hoses carrying steam used in chemical (heating), pharmaceutical (disinfection and sterilization) and at loading bays

### Features:

- coupling housing and all inner parts: stainless steel
- seals: EPDM 291, other materials available, contact Dixon™
- unintentional separation is eliminated preventing accidents and avoiding unintended down time
- performance unaffected by surface rust
- lockable versions are available on 1 1/2" and 2", contact Dixon™
- couplers supplied with double handles

### coupler x female NPT

Female NPT	Body Size	316 Stainless Steel Part #	Price/E
3/4"	56 mm	<b>DDSC075SS</b>	<b>\$2956.30</b>
1"	56 mm	<b>DDSC100SS</b>	<b>2956.30</b>
1 1/2"	70 mm	<b>DDSC150SS</b>	<b>3560.45</b>
2"	70 mm	<b>DDSC200SS</b>	<b>3560.45</b>



### adapter x female NPT

Female NPT	Body Size	316 Stainless Steel Part #	Price/E
3/4"	56 mm	<b>DDSA075SS</b>	<b>\$832.10</b>
1"	56 mm	<b>DDSA100SS</b>	<b>832.10</b>
1 1/2"	70 mm	<b>DDSA150SS</b>	<b>1215.60</b>
2"	70 mm	<b>DDSA200SS</b>	<b>1215.60</b>



## 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.

E

**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 Dixon™ for specific media capabilities.

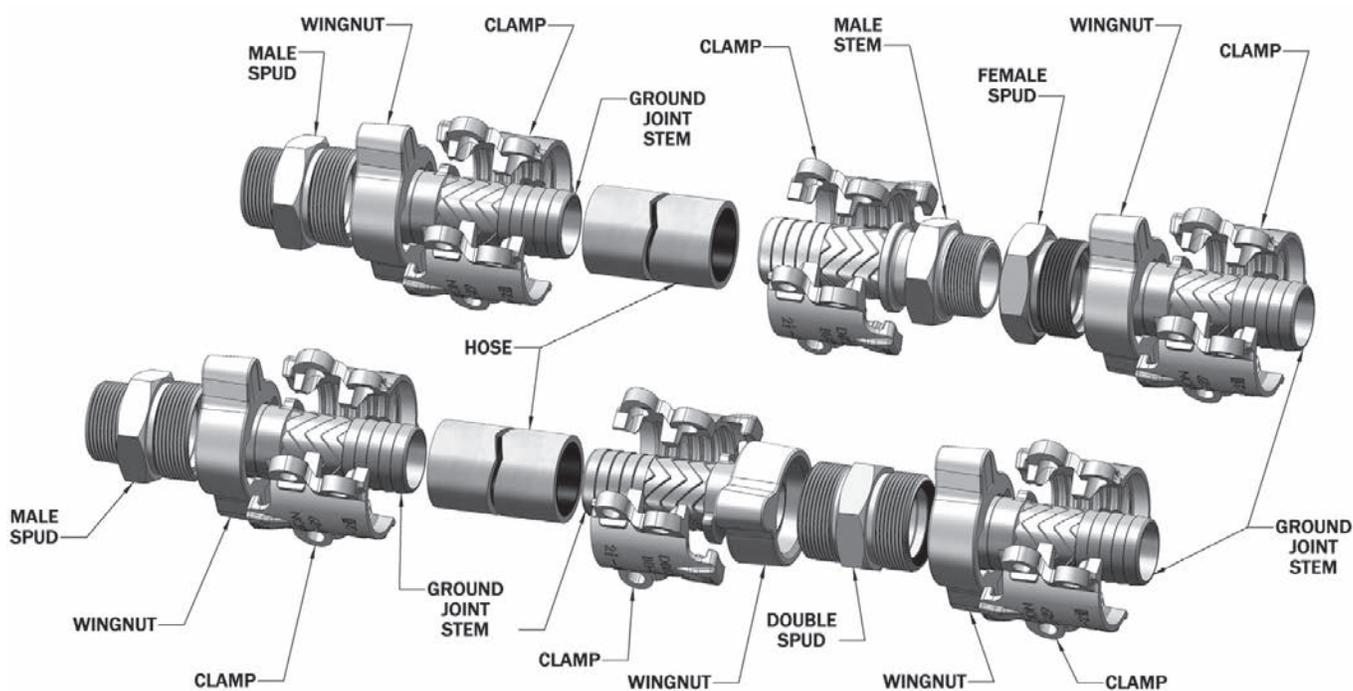
**Purpose:** Boss™ couplings supply a convenient threaded fitting to connect two lengths of hose, or a single length to a male or female threaded (NPT) outlet.

**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, ⅜" - 6" plated iron

**Seal Types:**

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

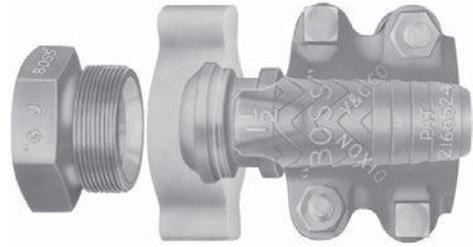


Worn-out hose couplings can be dangerous. They should be checked regularly and replaced when necessary. Each coupling user should review applications and add safety devices where indicated.

## GJ Boss™ Ground Joint Seal

## 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 818-823)
- recommended for steam service up to **450°F**
- easy to seal
- *plated steel and / or iron*
- use with Boss™ clamps found on pages 116 and 117.



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"	<b>GF1</b> <sup>1</sup>	\$49.85	<b>GBA</b>	\$18.75	100	<b>SLS4</b>	\$12.10	100	---	---	--
3/8"	<b>GF3</b> <sup>1</sup>	42.65	<b>GCA</b>	8.90	100	<b>CB</b>	11.80	100	---	---	--
1/2"	<b>GF6</b>	33.50	<b>GB1</b>	7.40	100	<b>B2</b>	7.85	100	---	---	--
1/2" x 3/4"	<b>GF26-1</b>	43.40	<b>GB6-1</b>	17.20	50	<b>B12</b>	10.30	25	---	---	--
3/4"	<b>GF26</b>	40.70	<b>GB6</b>	14.50	50	<b>B12</b>	10.30	25	<b>KB12</b>	\$15.45	25
1"	<b>GF36</b>	41.70	<b>GB11</b>	15.20	50	<b>B12</b>	10.30	25	<b>KB12</b>	15.45	25
1 1/4"	<b>GF51</b>	78.80	<b>GB16</b>	23.60	25	<b>B17</b>	19.00	25	---	---	--
1 1/2"	<b>GF61</b>	75.50	<b>GB21</b>	22.25	25	<b>B17</b>	19.00	25	---	---	--
2"	<b>GF81</b> <sup>2</sup>	91.35	<b>GB26</b> <sup>2,4</sup>	25.00	10	<b>B27</b>	30.35	10	---	---	--
2 1/2"	<b>GF96</b>	215.50	<b>GB31</b>	56.85	5	<b>B32</b>	68.80	5	---	---	--
3"	<b>GF111</b>	246.40	<b>GB36</b> <sup>3</sup>	90.00	5	<b>B37</b>	59.30	5	---	---	--
4"	<b>GF141</b>	500.00	<b>GB46</b>	160.60	5	<b>B47</b>	168.00	5	---	---	--
6"	<b>GF201</b> <sup>1</sup>	1183.25	<b>GB66</b>	365.00	2	<b>B67</b>	248.25	2	---	---	--

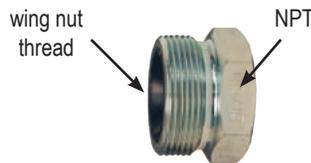


<sup>1</sup> 1/4", 3/8" and 6" available only with copper seat spuds

<sup>2</sup> not to be used with #250, #275 or #306 Boss™ clamps

<sup>3</sup> GB36 has a machined shank to accept a Boss™ clamp, King Crimp™ sleeve or a ferrule

<sup>4</sup> GB26 will be replaced with GB26CR, 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"	<b>GBC</b> <sup>1</sup>	\$19.00	100	---	---	---	---
3/8"	<b>GCC</b> <sup>1</sup>	21.95	100	<b>GMC</b> <sup>1</sup>	\$20.00	---	---
1/2"	<b>GB3</b>	18.25	100	<b>GM3</b>	22.90	<b>GDB3</b>	\$36.00
3/4"	<b>GB8</b>	15.90	50	<b>GM8</b>	21.70	<b>GDB13</b>	35.40
1"	<b>GB13</b>	16.50	50	<b>GM13</b>	22.90	<b>GDB13</b>	35.40
1 1/4"	<b>GB18</b>	36.20	25	<b>GM18</b>	51.85	<b>GDB23</b>	61.50
1 1/2"	<b>GB23</b>	34.25	25	<b>GM23</b>	50.00	<b>GDB23</b>	61.50
2"	<b>GB28</b>	36.00	10	<b>GM28</b>	54.00	<b>GDB28</b>	66.25
2 1/2"	<b>GB33</b>	89.85	5	<b>GM33</b>	128.10	<b>GDB33</b>	131.35
3"	<b>GB38</b>	97.10	5	<b>GM38</b>	134.70	<b>GDB38</b>	137.70
4"	<b>GB48</b>	171.40	5	---	---	---	---
6"	<b>GB68</b> <sup>1</sup>	570.00	2	---	---	---	---

<sup>1</sup> 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 108.

## 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"	<b>GF26P1</b>	<b>\$58.15</b>	---	---
	1-15/64"	1-18/64"	<b>GF26P2</b>	<b>58.15</b>	---	---
	1-19/64"	1-22/64"	<b>GF26P3</b>	<b>58.15</b>	---	---
1"	1-30/64"	1-34/64"	<b>GF36P1</b>	<b>61.55</b>	---	---
	1-35/64"	1-38/64"	<b>GF36P2</b>	<b>61.55</b>	---	---
	1-39/64"	1-42/64"	<b>GF36P3</b>	<b>61.55</b>	---	---
1½"	1-20/64"	2"	<b>GF61P1</b>	<b>128.50</b>	<b>RGF61P1</b>	<b>\$440.00</b>
	2-1/64"	2-8/64"	<b>GF61P2</b>	<b>128.50</b>	<b>RGF61P2</b>	<b>440.00</b>
	2-9/64"	2-16/64"	<b>GF61P3</b>	<b>128.50</b>	---	---
2"	2-36/64"	2-40/64"	<b>GF81P1</b>	<b>132.00</b>	<b>RGF81P1</b>	<b>580.00</b>
	2-41/64"	2-48/64"	<b>GF81P2</b>	<b>132.00</b>	<b>RGF81P2</b>	<b>580.00</b>
	2-49/64"	2-56/64"	<b>GF81P3</b>	<b>132.00</b>	---	---
3"	3-26/64"	3-40/64"	<b>GF111P1</b> <sup>1</sup>	<b>355.00</b>	---	---
	3-41/64"	3-48/64"	<b>GF111P2</b> <sup>1</sup>	<b>355.00</b>	---	---
	3-49/64"	3-56/64"	<b>GF111P3</b> <sup>1</sup>	<b>355.00</b>	---	---

<sup>1</sup> 3" have a machined shank

## Boss™ Adapters

## Features:

- plated steel and / or iron
- designed to fit the standard ground joint spuds on page 111
- supplied with a wing nut, as shown
- for safety tags and safety tape, see page 794



## male NPT adapters

Size	Part #	Price/E
¾"	<b>GMAS6</b>	<b>\$51.50</b>
1"	<b>GMAS11</b>	<b>53.70</b>
1¼"	<b>GMAS16</b>	<b>74.00</b>
1½"	<b>GMAS21</b>	<b>88.85</b>
2"	<b>GMAS26</b> <sup>1</sup>	<b>92.50</b>

<sup>1</sup> uses a special wing nut, part # B27-1



## female NPT adapters

Size	Part #	Price/E
¾"	<b>GFAS6</b>	<b>\$101.40</b>
1"	<b>GFAS11</b>	<b>110.00</b>
1¼"	<b>GFAS16</b>	<b>125.00</b>
1½"	<b>GFAS21</b> <sup>1</sup>	<b>154.50</b>
2"	<b>GFAS26</b>	<b>162.00</b>

<sup>1</sup> 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 113 and 114

 Boss™ wing nut caps are not intended for pressure applications.



Size	Part #	Price/E	Opt Qty
¾" and 1"	<b>B12SC</b>	<b>\$44.60</b>	25
1¼" and 1½"	<b>B17SC</b>	<b>57.00</b>	25
2"	<b>B27SC</b>	<b>82.25</b>	10
3"	<b>B37SC</b>	<b>131.25</b>	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
3/4"	<b>RGF26</b>	\$219.30	<b>RGB6</b>	\$78.25	<b>RB12</b>	\$70.00	<b>RGB8</b>	\$71.05
1"	<b>RGF36</b>	240.70	<b>RGB11</b>	98.90	<b>RB12</b>	70.00	<b>RGB13</b>	71.80
1 1/4"	<b>RGF51</b>	354.75	<b>RGB16</b>	109.45	<b>RB17</b>	115.30	<b>RGB18</b>	130.00
1 1/2"	<b>RGF61</b>	426.15	<b>RGB21</b>	118.45	<b>RB17</b>	115.30	<b>RGB23</b>	192.40
2"	<b>RGF81</b> <sup>1</sup>	560.00	<b>RGB26</b> <sup>1</sup>	173.00	<b>RB27</b>	194.60	<b>RGB28</b>	192.40



<sup>1</sup> 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
3/4"	<b>BGF26</b>	\$156.95	<b>BGB6</b>	\$61.00	<b>BB12</b>	\$47.70	<b>BGB8</b>	\$48.45
1"	<b>BGF36</b>	174.30	<b>BGB11</b>	56.60	<b>BB12</b>	47.70	<b>BGB13</b>	70.00
1 1/4"	<b>BGF51</b>	227.60	<b>BGB16</b>	56.70	<b>BB17</b>	83.50	<b>BGB18</b>	89.90
1 1/2"	<b>BGF61</b>	268.50	<b>BGB21</b>	80.00	<b>BB17</b>	83.50	<b>BGB23</b>	105.00
2"	<b>BGF81</b> <sup>1</sup>	437.80	<b>BGB26</b> <sup>1</sup>	142.00	<b>BB27</b>	155.40	<b>BGB28</b>	140.40



<sup>1</sup> not to be used with #250, #275 or #306 Boss™ clamps

## 316 Stainless Steel Washer Style



complete female



stem



wing nut



female spud

washer<sup>2</sup>

Size	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/4"	<b>RWF26</b>	\$223.60	<b>RB6</b>	\$76.05	<b>RB12</b>	\$70.00	<b>RB8</b>	\$76.60	<b>W12</b>	\$0.95
1"	<b>RWF36</b>	233.15	<b>RB11</b>	84.80	<b>RB12</b>	70.00	<b>RB13</b>	77.40	<b>W12</b>	0.95
1 1/4"	<b>RWF51</b>	347.30	<b>RB16</b>	122.70	<b>RB17</b>	115.30	<b>RB18</b>	108.00	<b>W17</b>	1.30
1 1/2"	<b>RWF61</b>	440.40	<b>RB21</b>	136.30	<b>RB17</b>	115.30	<b>RB23</b>	187.50	<b>W17</b>	1.30
2"	<b>RWF81</b> <sup>1</sup>	559.45	<b>RB26</b> <sup>1</sup>	177.00	<b>RB27</b>	194.60	<b>RB28</b>	186.40	<b>W27</b>	1.45



<sup>1</sup> not to be used with #250, #275 or #306 Boss™ clamps

<sup>2</sup> washer is nitrile rubber bonded, non-asbestos Klingsil® 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
- Klingsil® C-4401 washer is inserted between the stem and spud
- leakproof seal forms by rotating the wing nut and hammering it tight
- *plated steel and / or iron*
- use with Boss™ clamps found on pages 116 and 117



complete female



stem



wing nut

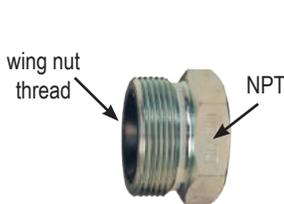


knurled nut

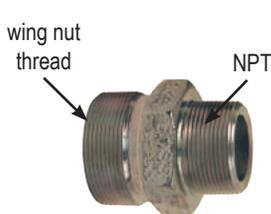
Hose Shank x NPT	Part #	Price/E	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
3/8"	<b>WF3</b>	<b>\$32.80</b>	<b>SS337</b>	<b>\$7.45</b>	100	<b>CB</b>	<b>\$11.80</b>	100	---	---	---
1/2"	<b>WF6</b>	<b>32.60</b>	<b>B1</b>	<b>11.75</b>	100	<b>B2</b>	<b>7.85</b>	100	---	---	---
1/2" x 3/4"	<b>WF26-1</b>	<b>43.45</b>	<b>B6-1</b>	<b>19.15</b>	50	<b>B12</b>	<b>10.30</b>	25	---	---	---
3/4"	<b>WF26</b>	<b>38.90</b>	<b>B6</b>	<b>14.60</b>	50	<b>B12</b>	<b>10.30</b>	25	<b>KB12</b>	<b>\$15.45</b>	25
1"	<b>WF36</b>	<b>39.85</b>	<b>B11</b>	<b>15.75</b>	50	<b>B12</b>	<b>10.30</b>	25	<b>KB12</b>	<b>15.45</b>	25
1-1/4"	<b>WF51</b>	<b>85.80</b>	<b>B16</b>	<b>31.00</b>	25	<b>B17</b>	<b>19.00</b>	25	---	---	---
1-1/2"	<b>WF61</b>	<b>75.90</b>	<b>B21</b>	<b>25.15</b>	25	<b>B17</b>	<b>19.00</b>	25	---	---	---
2"	<b>WF81</b> <sup>1</sup>	<b>95.55</b>	<b>B26</b> <sup>1</sup>	<b>28.80</b>	10	<b>B27</b>	<b>30.35</b>	10	---	---	---
2-1/2"	<b>WF96</b>	<b>221.50</b>	<b>B31</b>	<b>67.90</b>	5	<b>B32</b>	<b>68.80</b>	5	---	---	---
3"	<b>WF111</b>	<b>230.40</b>	<b>B36</b>	<b>80.40</b>	5	<b>B37</b>	<b>59.30</b>	5	---	---	---



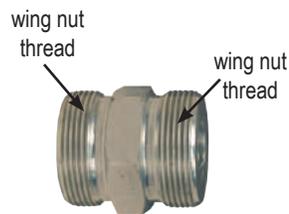
<sup>1</sup> not to be used with #250, #275 or #306 Boss™ clamps



female spud



male spud



double spud

washer<sup>1</sup>

Thread	Part #	Price/E	Opt Qty	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	<b>CC</b>	<b>\$12.85</b>	100	<b>WMC</b>	<b>\$15.20</b>	---	---	<b>WBC</b>	<b>\$0.70</b>
1/2"	<b>B3</b>	<b>12.20</b>	100	<b>WM3</b>	<b>26.55</b>	<b>DB3</b>	<b>\$23.60</b>	<b>W2</b>	<b>0.80</b>
3/4"	<b>B8</b>	<b>13.05</b>	25	<b>WM8</b>	<b>19.45</b>	<b>DB13</b>	<b>27.90</b>	<b>W12</b>	<b>0.95</b>
1"	<b>B13</b>	<b>12.85</b>	50	<b>WM13</b>	<b>23.20</b>	<b>DB13</b>	<b>27.90</b>	<b>W12</b>	<b>0.95</b>
1-1/4"	<b>B18</b>	<b>34.50</b>	25	<b>WM18</b>	<b>45.30</b>	<b>DB23</b>	<b>42.30</b>	<b>W17</b>	<b>1.30</b>
1-1/2"	<b>B23</b>	<b>30.45</b>	25	<b>WM23</b>	<b>53.85</b>	<b>DB23</b>	<b>42.30</b>	<b>W17</b>	<b>1.30</b>
2"	<b>B28</b>	<b>34.95</b>	10	<b>WM28</b>	<b>60.00</b>	<b>DB28</b>	<b>58.00</b>	<b>W27</b>	<b>1.45</b>
2-1/2"	<b>B33</b>	<b>83.15</b>	5	---	---	---	---	<b>W32</b>	<b>1.65</b>
3"	<b>B38</b>	<b>88.10</b>	5	<b>WM38</b>	<b>130.00</b>	<b>DB38</b>	<b>115.65</b>	<b>W37</b>	<b>2.60</b>

<sup>1</sup> washer is nitrile rubber bonded, non-asbestos Klingsil® C-4401

## Boss™ Male Stems

## Features:

- recommended for steam service up to 450°F
- use with Boss™ clamps on pages 116 and 117; for safety tags and safety tape see page 794



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"	<b>MS4X2</b>	<b>\$9.90</b>	100	---	---	---	---	1/2"	<b>RMS1</b>	<b>\$63.55</b>	---	---	---
1/4" x 1/4"	<b>MSA</b>	<b>7.60</b>	100	---	---	---	---	3/4"	<b>RMS6</b>	<b>62.50</b>	3/4"	<b>BMS6</b>	<b>\$40.65</b>
1/4" x 3/8"	<b>MSB</b>	<b>8.50</b>	25	---	---	---	---	1"	<b>RMS11</b>	<b>64.00</b>	1"	<b>BMS11</b>	<b>54.95</b>
3/8" x 1/4"	<b>MS6X4</b>	<b>8.00</b>	100	1 1/4"	<b>MS16</b>	<b>\$24.00</b>	20	1 1/4"	<b>RMS16</b>	<b>122.00</b>	1 1/4"	<b>BMS16</b>	<b>74.80</b>
3/8" x 3/8"	<b>MSC</b>	<b>6.55</b>	100	1 1/2"	<b>MS21</b>	<b>27.60</b>	20	1 1/2"	<b>RMS21</b>	<b>122.50</b>	1 1/2"	<b>BMS21</b>	<b>91.00</b>
3/8" x 1/2"	<b>MS6X8</b>	<b>11.10</b>	50	2"	<b>MS26</b>	<b>38.25</b>	10	2"	<b>RMS26</b>	<b>133.40</b>	2"	<b>BMS26</b>	<b>139.40</b>
1/2" x 1/4"	<b>MS8X4</b>	<b>7.85</b>	50	2 1/2"	<b>MS31</b>	<b>66.60</b>	5	2 1/2"	<b>RMS31</b>	<b>250.00</b>	---	---	---
1/2" x 3/8"	<b>MS8X6</b>	<b>7.85</b>	50	3"	<b>MS36</b>	<b>90.50</b>	5	3"	---	---	3"	<b>BMS36</b>	<b>322.50</b>
1/2" x 1/2"	<b>MS1</b>	<b>6.45</b>	50	4"	<b>MS46</b>	<b>153.00</b>	2	4"	---	---	---	---	---
1/2" x 3/4"	<b>MS8X12</b>	<b>19.10</b>	25	---	---	---	---	---	---	---	---	---	---
3/4" x 1/2"	<b>MS12X8</b>	<b>14.70</b>	25	---	---	---	---	---	---	---	---	---	---
3/4" x 3/4"	<b>MS6</b>	<b>9.85</b>	50	---	---	---	---	---	---	---	---	---	---
3/4" x 1"	<b>MS12X16</b>	<b>22.00</b>	25	---	---	---	---	---	---	---	---	---	---
1" x 3/4"	<b>MS16X12</b>	<b>22.00</b>	25	---	---	---	---	---	---	---	---	---	---
1" x 1"	<b>MS11</b>	<b>14.35</b>	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"	<b>LP16</b>	<b>\$63.00</b>	---	---	<b>LP16-80</b> <sup>1</sup>	<b>\$66.50</b>	---	---
1 1/2"	<b>LP21</b>	<b>60.00</b>	---	---	<b>LP21-80</b> <sup>1</sup>	<b>69.00</b>	---	---
2"	<b>LP26</b>	<b>53.20</b>	---	---	<b>LP26-80</b> <sup>1</sup>	<b>71.85</b>	<b>LPB26</b> <sup>2</sup>	<b>\$66.90</b>
2 1/2"	<b>LP31</b>	<b>126.50</b>	---	---	---	---	---	---
3"	<b>LP36</b>	<b>125.00</b>	<b>RLP36</b>	<b>\$221.40</b>	---	---	<b>LPB36</b> <sup>2</sup>	<b>115.40</b>
4"	<b>LP46</b>	<b>164.00</b>	<b>RLP46</b>	<b>375.00</b>	---	---	---	---
6"	<b>LP66</b>	<b>340.00</b>	---	---	---	---	---	---

<sup>1</sup> schedule 80 stems meet NFPA 58<sup>2</sup> beveled

## 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"	<b>M1</b>	<b>\$10.40</b>	1 1/2"	<b>M21</b>	<b>\$21.35</b>
3/4"	<b>M6</b>	<b>18.60</b>	2"	<b>M26</b>	<b>37.35</b>
1"	<b>M11</b>	<b>29.80</b>	2 1/2"	<b>M31</b>	<b>65.80</b>
1 1/4"	<b>M16</b>	<b>22.20</b>	3"	<b>M36</b>	<b>78.80</b>



## Boss™ Spud x Hose Shank

## Feature:

- polymer seat

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



## 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.*

**E** Features:

- 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 828 for Fraction to Decimal conversion chart

## 2-Bolt Type, 2 Gripping Fingers



Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Stainless Steel <sup>4</sup>		Torque <sup>2</sup>	Brass		Torque
	From:	To:	Part #	Price/E		Part #	Price/E		Part #	Price/E	
1/4"	36/64"	42/64"	<b>BD<sup>3</sup></b>	<b>\$9.05</b>	100	---	---	6	---	---	---
3/8"	44/64"	56/64"	<b>CD<sup>3</sup></b>	<b>8.75</b>	100	---	---	6	---	---	---
1/2"	52/64"	60/64"	<b>DD<sup>3</sup></b>	<b>9.45</b>	100	---	---	6	---	---	---
1/2"	60/64"	1-4/64"	<b>B4<sup>3</sup></b>	<b>8.15</b>	25	<b>RB4</b>	<b>\$138.40</b>	12	<b>BB4</b>	<b>\$31.75</b>	10
1/2"	1-4/64"	1-12/64"	<b>B5</b>	<b>10.30</b>	25	---	---	12	---	---	---
3/4"	1-10/64"	1-20/64"	<b>BU9<sup>3</sup></b>	<b>10.25</b>	50	<b>RBU9</b>	<b>184.00</b>	21	<b>BBU9</b>	<b>46.50</b>	18
3/4"	1-20/64"	1-32/64"	<b>B9</b>	<b>11.80</b>	25	<b>RB9</b>	<b>197.80</b>	21	---	---	---
3/4"	1-32/64"	1-44/64"	<b>B10<sup>3</sup></b>	<b>12.95</b>	25	---	---	21	---	---	---

## 4-Bolt Type, 2 Gripping Fingers



Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Stainless Steel <sup>4</sup>		Torque <sup>2</sup>	Brass		Torque
	From:	To:	Part #	Price/E		Part #	Price/E		Part #	Price/E	
1"	1-34/64"	1-46/64"	<b>BU14</b>	<b>\$19.85</b>	25	<b>RBU14</b>	<b>\$192.40</b>	21	<b>BBU14</b>	<b>\$91.80</b>	18
1"	1-44/64"	1-60/64"	<b>B14</b>	<b>20.00</b>	25	<b>RB14</b>	<b>192.40</b>	21	<b>BB14</b>	<b>107.60</b>	18
1"	1-60/64"	2-8/64"	<b>B15</b>	<b>23.25</b>	20	---	---	21	---	---	---
1 1/4"	1-32/64"	1-50/64"	<b>BU18</b>	<b>32.20</b>	20	---	---	40	---	---	---
1 1/4"	1-50/64"	2-6/64"	<b>BU19</b>	<b>35.80</b>	10	---	---	40	---	---	---
1 1/4"	2-8/64"	2-24/64"	<b>B19</b>	<b>30.30</b>	10	<b>RB19</b>	<b>210.00</b>	40	---	---	---
1 1/2"	1-52/64"	2"	<b>BU22</b>	<b>36.90</b>	10	---	---	40	---	---	---
1 1/2"	2"	2-14/64"	<b>B22</b>	<b>34.40</b>	10	---	---	40	---	---	---
1 1/2"	2-12/64"	2-24/64"	<b>BU24</b>	<b>30.20</b>	10	<b>RBU24</b>	<b>211.05</b>	40	---	---	---
1 1/2"	2-24/64"	2-36/64"	<b>B24</b>	<b>28.30</b>	10	<b>RB24</b>	<b>204.00</b>	40	---	---	---
1 1/2"	2-36/64"	2-48/64"	<b>B25</b>	<b>32.30</b>	10	---	---	40	---	---	---
2"	2-22/64"	2-34/64"	<b>BU28</b>	<b>41.10</b>	9	---	---	60	---	---	---
2"	2-32/64"	2-50/64"	<b>BU29</b>	<b>37.30</b>	10	<b>RBU29</b>	<b>295.00</b>	60	<b>BBU29<sup>1</sup></b>	<b>173.05</b>	40
2"	2-48/64"	3-4/64"	<b>B29</b>	<b>41.10</b>	10	<b>RB29</b>	<b>309.00</b>	60	---	---	---
2"	3-6/64"	3-28/64"	<b>B30</b>	<b>63.60</b>	5	---	---	60	---	---	---
2 1/2"	3-6/64"	3-28/64"	<b>BU34</b>	<b>66.80</b>	5	---	---	60	---	---	---
2 1/2"	3-32/64"	3-60/64"	<b>B34</b>	<b>86.35</b>	5	---	---	150	---	---	---
3"	3-32/64"	3-60/64"	<b>BU35</b>	<b>97.25</b>	5	<b>RBU35</b>	<b>461.70</b>	150	---	---	---
3"	3-52/64"	4-4/64"	<b>B35</b>	<b>92.30</b>	5	---	---	---	---	---	---
3"	4-4/64"	4-28/64"	<b>B39</b>	<b>119.00</b>	5	---	---	200	---	---	---

<sup>1</sup> will become obsolete as inventory is depleted

<sup>2</sup> torque applies to plated iron and stainless steel clamps

<sup>3</sup> global investment cast carbon steel

<sup>4</sup> When installing stainless steel bolts and nuts, the use of anti-seize or anti-galling lubricant is advised. A light coat is required on the bolt threads to prevent thread galling and artificial torque reading.

## 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.*

**Features:**

- 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 828 for Fraction to Decimal conversion chart

E

## 4-Bolt Type, 4 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque
	From:	To:	Part #	Price/E		
½"	5/8/64"	1-2/64"	<b>968</b>	<b>\$14.90</b>	50	6
1"	1-26/64"	1-36/64"	<b>156</b>	<b>20.35</b>	20	21
1¼"	1-44/64"	1-56/64"	<b>187</b>	<b>29.50</b>	10	21
1¼"	1-56/64"	2-4/64"	<b>206</b>	<b>25.70</b>	20	21
1½"	2"	2-8/64"	<b>212</b>	<b>35.25</b>	10	21
1½"	2-4/64"	2-16/64"	<b>225</b>	<b>37.90</b>	10	40
2"	2-16/64"	2-32/64"	<b>250</b> <sup>1</sup>	<b>38.60</b>	10	40
2"	2-32/64"	2-48/64"	<b>275</b> <sup>1</sup>	<b>42.25</b>	10	40
2"	2-48/64"	3-4/64"	<b>306</b> <sup>1</sup>	<b>52.50</b>	5	60
2½"	3-4/64"	3-32/64"	<b>350</b>	<b>53.30</b>	5	60
3"	3-32/64"	3-48/64"	<b>375</b>	<b>67.25</b>	5	60
3"	3-48/64"	4"	<b>401</b>	<b>111.00</b>	5	150
3"	4"	4-12/64"	<b>418</b>	<b>125.45</b>	2	200
3"	4-12/64"	4-32/64"	<b>450</b>	<b>124.40</b>	2	200



<sup>1</sup> not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, BGB26, RWF81, RB26



## 6-Bolt Type, 3 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque
	From:	To:	Part #	Price/E		
3"	4-16/64"	4-52/64"	<b>BS39</b>	<b>\$223.85</b>	2	150
4"	4-40/64"	5"	<b>B45</b>	<b>224.00</b>	3	150
4"	4-56/64"	5-16/64"	<b>BS49</b>	<b>339.60</b>	2	200
4"	5-16/64"	5-38/64"	<b>BU49</b>	<b>412.00</b>	2	200
4"	5-34/64"	5-60/64"	<b>B49</b>	<b>444.00</b>	2	200



## 6-Bolt Type, 6 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron		Opt Qty	Torque
	From:	To:	Part #	Price/E		
6"	6-56/64"	7-24/64"	<b>750</b>	<b>\$419.00</b>	1	200
6"	7-32/64"	8"	<b>850</b>	<b>413.50</b>	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 116 and 117

E



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	<b>GDF6</b>	<b>\$45.40</b>	<b>GBA45</b>	<b>\$13.00</b>	<b>J47</b>	<b>\$12.05</b>
	3/4"		<b>GDF8</b>	<b>48.65</b>	<b>GBA46</b>	<b>13.80</b>	<b>J47</b>	<b>12.05</b>
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	<b>GDF10</b>	<b>65.50</b>	<b>GBB18</b>	<b>22.65</b>	<b>DLB12</b>	<b>15.60</b>
	1"		<b>GDF12</b>	<b>54.85</b>	<b>GBB11</b>	<b>17.40</b>	<b>DLB12</b>	<b>15.60</b>



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	<b>GJ65</b>	<b>\$20.35</b>	<b>GJ60</b>	<b>\$27.40</b>	<b>GJ75</b>	<b>\$32.50</b>
	3/4"		<b>GJ55</b>	<b>23.60</b>	<b>GJ50</b>	<b>25.10</b>	<b>GJ75</b>	<b>32.50</b>
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	<b>GDL8</b>	<b>27.25</b>	<b>GDL7</b>	<b>33.80</b>	<b>GDL25</b>	<b>34.80</b>
	1"		<b>GDL13</b>	<b>22.70</b>	<b>GDL10</b>	<b>30.55</b>	<b>GDL25</b>	<b>34.80</b>

## 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"	--	<b>ME217</b>		<b>\$36.75</b>
2 1/4"	1 1/4"	--	<b>ME233</b>		<b>141.00</b>
2 1/4"	1 1/2"	1"	<b>ME502-12/8</b> <sup>1</sup>		<b>218.00</b>
3 1/4"	2"	--	<b>ME503-16</b>		<b>176.00</b>

<sup>1</sup> 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"	<b>ME214</b>		<b>\$36.75</b>
3 1/4"	2"	<b>ME252-16</b>		<b>161.00</b>

### 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"	<b>ME217S</b>	<b>\$88.50</b>
2 1/4"	1 1/4"	<b>ME233S</b>	<b>173.00</b>
3 1/4"	2"	<b>ME503S-16</b>	<b>367.00</b>

### Steel Male Acme x FNPT Adapter



ME252S-16

Male Acme Thread	Female NPT Thread	Steel	
		Part #	Price/E
3 1/4"	2"	<b>ME252S-16</b>	<b>\$251.00</b>

### 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	<b>ME612</b>	<b>\$268.00</b>
3 1/4"	1 3/4"	steel	<b>ME612S</b>	<b>395.00</b>

## 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	<b>ME112</b>	<b>\$46.50</b>
2 1/4"	1 1/4"	brass nut, brass nipple	<b>ME120</b>	<b>212.00</b>
2 1/4"	1 1/4"	brass nut, steel nipple	<b>ME120S</b>	<b>250.00</b>
3 1/4"	2"	brass nut, steel nipple	<b>ME130</b>	<b>309.00</b>

### 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"	<b>ME112S</b>	<b>\$102.50</b>
2 1/4"	1 1/4"	<b>ME121S</b>	<b>221.00</b>
3 1/4"	2"	<b>ME130S</b>	<b>254.00</b>

### Acme Gaskets

Size	Nitrile Part #	Price/E
1 3/4"	<b>MEW2</b>	<b>\$0.68</b>
2 1/4"	<b>MEW5</b>	<b>3.50</b>
3 1/4"	<b>MEW6</b>	<b>3.65</b>

### 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	<b>ME3162-16</b>	<b>\$96.00</b>
1 1/4"	1 1/4" male NPT	steel nipple with 2-piece ductile iron clamp	<b>ME3162-20</b>	<b>154.00</b>
1 1/2"	1 1/2" male NPT	steel nipple with 2-piece ductile iron clamp	<b>ME3162-24</b>	<b>201.00</b>
2"	2" male NPT	steel nipple with 2-piece ductile iron clamp	<b>ME3162-32</b>	<b>230.00</b>
2"	3 1/4" female Acme	steel nipple, brass nut with 2-piece ductile iron clamp	<b>ME3162-32B</b>	<b>456.00</b>
2"	3 1/4" female Acme	steel nipple, steel nut with 2-piece ductile iron clamp	<b>ME3162-32S</b>	<b>451.00</b>

### Acme Spanner Wrench



Used on	Part #	Price/E
1 3/4", 2 1/4", 3 1/4" and 4 1/4" fittings	<b>MEP120B</b>	<b>\$112.00</b>

## 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	<b>SBC200SS</b>	<b>\$3667.85</b>

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	<b>ME229-1</b>	<b>\$71.50</b>
1 3/4"	cap with ring and chain	steel	<b>ME229S-1</b>	<b>122.00</b>
2 1/4"	cap with knob plug and chain	brass	<b>ME431F-1</b>	<b>180.00</b>
2 1/4"	cap with knob plug, ring, chain	steel	<b>ME431FS-1</b>	<b>204.00</b>
3 1/4"	cap with knob plug, ring and chain	brass	<b>ME441F-1</b>	<b>273.00</b>
3 1/4"	cap with knob plug, ring and chain	steel	<b>ME441FS-1</b>	<b>298.00</b>

## 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	<b>ME109-1</b>	<b>\$8.55</b>
1 3/4"	cap with chain assembly, for anhydrous service	<b>ME109-NH3-1</b>	<b>9.70</b>

## 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	<b>ME179-1</b>	<b>\$32.50</b>
2 1/4"	plug with dust seal and chain assembly, yellow	<b>ME180-1</b>	<b>39.50</b>
3 1/4"	plug with dust seal and chain assembly, yellow	<b>ME181-1</b>	<b>86.00</b>

## 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 809 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"	<b>AMH</b> <sup>1</sup>	<b>\$10.40</b>	25	<b>ABH</b>	<b>\$38.95</b>	25	<b>RAMH</b>	<b>\$77.20</b>
1/2"	<b>AM1</b>	<b>7.45</b>	50	<b>AB1</b> <sup>1</sup>	<b>24.10</b>	50	<b>RAM1</b>	<b>57.40</b>
5/8"	<b>AM5</b>	<b>11.00</b>	50	<b>AB5</b>	<b>26.20</b>	50	---	---
3/4"	<b>AM6</b>	<b>7.40</b>	50	<b>AB6</b> <sup>1</sup>	<b>24.95</b>	50	<b>RAM6</b>	<b>48.25</b>
1"	<b>AM11</b>	<b>10.30</b>	50	<b>AB11</b> <sup>1</sup>	<b>32.00</b>	50	<b>RAM11</b>	<b>53.35</b>

## Male NPT Ends



Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Part #	Price/E
1/4"	<b>AMB1</b>	<b>\$10.75</b>	25	<b>ABB1</b>	<b>\$28.25</b>	25	---	---
3/8"	<b>AMB</b>	<b>9.50</b>	25	<b>ABB</b>	<b>32.30</b>	25	<b>RAMB</b>	<b>\$83.00</b>
1/2"	<b>AM2</b>	<b>8.50</b>	50	<b>AB2</b> <sup>1</sup>	<b>26.10</b>	50	<b>RAM2</b>	<b>55.65</b>
3/4"	<b>AM7</b>	<b>8.60</b>	50	<b>AB7</b> <sup>1</sup>	<b>25.80</b>	50	<b>RAM7</b>	<b>49.80</b>
1"	<b>AM12</b>	<b>9.20</b>	50	<b>AB12</b> <sup>1</sup>	<b>26.80</b>	50	<b>RAM12</b>	<b>53.35</b>

## Female NPT Ends



Size	Iron		Opt Qty	Brass		Opt Qty	316 Stainless Steel	
	Part #	Price/E		Part #	Price/E		Part #	Price/E
1/4"	<b>AMC1</b>	<b>\$10.10</b>	25	<b>ABC1</b>	<b>\$29.70</b>	25	---	---
3/8"	<b>AMC</b>	<b>9.50</b>	25	<b>ABC</b>	<b>29.35</b>	25	<b>RAMC</b>	<b>\$83.85</b>
1/2"	<b>AM3</b>	<b>8.80</b>	50	<b>AB3</b> <sup>1</sup>	<b>22.15</b>	50	<b>RAM3</b>	<b>57.40</b>
3/4"	<b>AM8</b>	<b>8.60</b>	50	<b>AB8</b> <sup>1</sup>	<b>26.35</b>	50	<b>RAM8</b>	<b>49.80</b>
1"	<b>AM13</b>	<b>10.40</b>	50	<b>AB13</b> <sup>1</sup>	<b>26.80</b>	50	<b>RAM13</b>	<b>55.90</b>

## Blank Ends



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

## Triple Connections



Part #	Iron		Opt Qty	Brass		Opt Qty
	Part #	Price/E		Part #	Price/E	
<b>AM10</b>		<b>\$24.50</b>	25	<b>AB10</b> <sup>1</sup>	<b>\$54.10</b>	25

<sup>1</sup> 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"	<b>GAM1</b>	<b>\$3.80</b>	25
3/4"	<b>GAM6</b>	<b>4.15</b>	50
1"	<b>GAM11</b>	<b>5.40</b>	50



## Male NPT Ends

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



F

## Female NPT Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1/2"	<b>GAM3</b>	<b>\$3.95</b>	25
3/4"	<b>GAM8</b>	<b>4.15</b>	50
1"	<b>GAM13</b>	<b>4.75</b>	50



## Blank End

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



## Triple Connection

Plated Steel		Pkg Qty
Part #	Price/E	
<b>GAM10</b>	<b>\$9.30</b>	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 116-117.
- 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 126 

## Hose Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1 1/4"	<b>GAM16</b>	<b>\$13.60</b>	25
1 1/2"	<b>GAM21</b>	<b>15.80</b>	25
2"	<b>GAM26</b>	<b>18.85</b>	10



## Female NPT Ends

Size	Plated Steel		Pkg Qty
	Part #	Price/E	
1 1/4"	<b>GAM18</b>	<b>\$12.75</b>	25
1 1/2"	<b>GAM23</b>	<b>13.60</b>	25
2"	<b>GAM28</b>	<b>15.00</b>	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 857 for crimp recommendations and ferrule OD ranges



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

## 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 <sup>1</sup>
	From:	To:	Part #	Price/E		
¾"	44/64"	56/64"	<b>CD</b> <sup>3</sup>	<b>\$8.75</b>	100	6
½"	1"	1-12/64"	<b>A4</b>	<b>8.60</b>	50	6
¾"	1-8/64"	1-20/64"	<b>A9</b> <sup>3</sup>	<b>9.85</b>	50	21
1"	1-20/64"	1-32/64"	<b>A10</b> <sup>2,3</sup>	<b>12.75</b>	50	21
1"	1-32/64"	1-52/64"	<b>A14</b>	<b>17.50</b>	50	21

<sup>1</sup> recommended torque rating given in lbs.

<sup>2</sup> can be used with **AM6** and **AM11**

<sup>3</sup> 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 on page 116
- 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 126

### Hose Ends



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

<sup>1</sup> item will be discontinued when stock is depleted

### Female NPT Ends



Size	Iron		Brass		Opt Qty
	Part #	Price/E	Part #	Price/E	
1¼"	<b>AM18</b>	<b>\$28.35</b>	<b>AB18</b> <sup>1</sup>	<b>\$72.50</b>	25
1½"	<b>AM23</b>	<b>26.90</b>	<b>AB23</b> <sup>1</sup>	<b>71.00</b>	25
2"	<b>AM28</b>	<b>33.85</b>	<b>AB28</b>	<b>84.15</b>	10

<sup>1</sup> 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 856
- for air and water service only 

Style	Hose OD		Iron		316 Stainless Steel	
	From	To	Part #	Price/E	Part #	Price/E
1/2"	5/4/64"	1-2/64"	<b>AM1WF</b>	<b>\$15.00</b>	---	---
3/4"	1-4/64"	1-22/64"	<b>AM6WF</b>	<b>12.45</b>	<b>RAM6WF</b>	<b>\$64.00</b>
1"	1-18/64"	1-34/64"	<b>AM11WF-1</b>	<b>22.00</b>	---	---
1"	1-30/64"	1-46/64"	<b>AM11WF</b>	<b>16.90</b>	---	---



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## Air King™ with Gauge Port

### Features:

- drilled with 1/4" NPT port for mounting a gauge
- gauge sold separately

Size	Iron		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
3/4"	<b>AM7T</b>	<b>\$24.30</b>	<b>RAM7T</b>	<b>\$76.00</b>



## 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
1/2"	---	---	<b>AM2SWIV</b>	<b>\$63.75</b>	---	---
3/4"	<b>AM6SWIV</b>	<b>\$74.50</b>	<b>AM7SWIV</b>	<b>63.25</b>	<b>AM8SWIV</b>	<b>\$66.60</b>



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

### Feature:

- converts a single supply source to a dual outlet

Female NPT Inlet (1)	Male NPT Outlets (2)	Iron	
		Part #	Price/E
1"	3/4"	<b>Y10075</b>	<b>\$59.75</b>



## 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	<b>AC1</b>	<b>\$0.30</b>	25 / bag only

### Air King Safety Pins



#### Feature:

- heavy duty, oversized

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

### Stainless Steel Clip



#### Feature:

- same size clip can be used for all coupling sizes

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

### Lanyards



#### Features:

- synthetic cord
- same size for all coupling sizes

Part #	Price/E	Pkg Qty
<b>ACL8</b>	<b>\$0.40</b>	25 / bag only



#### Features:

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

304 stainless Part #	Price/E
<b>LR7</b>	<b>\$8.00</b>

### Washers



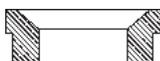
AWR4



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
<b>AWR4<sup>1</sup></b>	<i>rubber</i>	2 lug	<b>\$0.60</b>	50 / bag only
<b>AWS6</b>	<i>neoprene</i>	2 lug	<b>0.80</b>	50 / bag only
<b>AWR14</b>	<i>rubber</i>	4 lug	<b>4.40</b>	---

<sup>1</sup> 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 138) 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"	<b>BSB75</b>	<b>\$49.00</b>	<b>ASB75</b>	<b>\$16.10</b>
1"	1-7/8"	<b>BSB100</b>	<b>49.75</b>	<b>ASB100</b>	<b>17.95</b>
1¼"	2-5/32"	<b>BSB125</b>	<b>88.75</b>	<b>ASB125</b>	<b>31.20</b>
1½"	2-3/8"	<b>BSB150</b>	<b>99.50</b>	<b>ASB150</b>	<b>35.35</b>



## Nozzle Holders

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



## Threaded Couplings

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



- Threaded couplings do not include screws.

## Replacement Parts

Part #	Description	Price/E
<b>SBG</b>	black nitrile replacement gasket	<b>\$1.20</b>
<b>USBG</b>	urethane replacement gasket	<b>4.85</b>
<b>SBCS</b>	replacement screws (1 bag contains 8) part number is for one bag	<b>0.50</b>



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)
- working pressure: **200 PSI** at ambient temperature (70°F)
- body: SG iron AS1831 400-250-12
- bellow seal: natural rubber (patent pending), other seal material available upon request
- 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"	<b>SL038H</b>	<b>\$10.40</b>	50
	1/2"	<b>SL050H</b>	<b>12.25</b>	50
	3/4"	<b>SL075H</b>	<b>12.40</b>	50
	1"	<b>SL100H</b>	<b>14.50</b>	50
medium	1 1/2"	<b>SL150H</b>	<b>40.50</b>	15
	2"	<b>SL200H</b>	<b>48.50</b>	10

### Male NPT Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	<b>SL038M</b>	<b>\$14.40</b>	50
	1/2"	<b>SL050M</b>	<b>14.20</b>	50
	3/4"	<b>SL075M</b>	<b>13.60</b>	50
	1"	<b>SL100M</b>	<b>13.90</b>	50
medium	1 1/2"	<b>SL150M</b>	<b>40.00</b>	15
	2"	<b>SL200M</b>	<b>42.00</b>	15

### Female NPT Ends



Head	Size	Part #	Price/E	Pkg Qty
small	3/8"	<b>SL038F</b>	<b>\$14.20</b>	50
	1/2"	<b>SL050F</b>	<b>14.90</b>	50
	3/4"	<b>SL075F</b>	<b>12.80</b>	50
	1"	<b>SL100F</b>	<b>14.20</b>	50
medium	1 1/2"	<b>SL150F</b>	<b>37.50</b>	15
	2"	<b>SL200F</b>	<b>38.25</b>	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 858 for crimp recommendations
- Dixon™ recommends that all hose assemblies be tested in accordance with ARPM testing procedures.
- working pressure: **200 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"	<b>SL050CR</b>	<b>\$16.40</b>
	3/4"	3/4"	1-22/64"	<b>SL075CR</b>	<b>17.90</b>
	1"	1"	1-46/64"	<b>SL100CR</b>	<b>18.50</b>

## Surelock™ Accessories

## Blank Ends

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

<sup>1</sup> medium blank end comes with 1" NPT pipe plug



small blank end

medium blank end <sup>1</sup>

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## Three Way Connectors

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	<b>SL09</b>	<b>\$35.50</b>	15
medium <sup>1</sup>	1½" to 2"	<b>SL10</b>	<b>139.00</b>	3

<sup>1</sup> medium three way connector comes with 1" NPT pipe plug



small three way connector

medium three way connector <sup>1</sup>

## Standard Natural Rubber Seals

Head	Size	Part #	Price/E	Pkg Qty
small	½" to 1"	<b>SLR1</b>	<b>\$1.60</b>	1
medium	1½" to 2"	<b>SLR2</b>	<b>2.65</b>	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
<b>SLP1</b>	<b>\$0.32</b>	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	<b>QM1</b>	<b>\$54.58</b>	25
1/2"	3/8"	plated steel	<b>QM2</b>	<b>23.41</b>	25
1/2"	1/2"	plated steel	<b>QM3</b>	<b>23.88</b>	25
1/2"	3/4"	plated steel	<b>QM4</b>	<b>23.88</b>	25
1/2"	1"	plated steel	<b>QM5</b>	<b>26.43</b>	25
1/2"	3/8"	brass	<b>QB2</b>	<b>40.21</b>	--
1/2"	1/2"	brass	<b>QB3</b>	<b>40.21</b>	--
1/2"	3/4"	brass	<b>QB4</b>	<b>40.21</b>	--
1/2"	1"	brass	<b>QB5</b>	<b>40.79</b>	25
1/2"	3/4"	303 stainless	<b>QSS4</b>	<b>80.96</b>	--



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### Female Head x Hose End

Body Size	Hose Shank Size	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	<b>QM20</b>	<b>\$47.72</b>	25
1/2"	3/8"	plated steel	<b>QM21</b>	<b>19.35</b>	25
1/2"	1/2"	plated steel	<b>QM22</b>	<b>19.35</b>	25
1/2"	3/4"	plated steel	<b>QM23</b>	<b>19.35</b>	25
1/2"	1"	plated steel	<b>QM25</b>	<b>21.32</b>	25
1/2"	3/8"	brass	<b>QB21</b>	<b>28.94</b>	--
1/2"	1/2"	brass	<b>QB22</b>	<b>28.94</b>	--
1/2"	3/4"	brass	<b>QB23</b>	<b>28.94</b>	--
1/2"	1"	brass	<b>QB25</b>	<b>31.77</b>	25
1/2"	3/4"	303 stainless	<b>QSS23</b>	<b>59.43</b>	--



### Male Head x Male NPT End

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	<b>QM40</b>	<b>\$51.46</b>	25
1/2"	3/8"	plated steel	<b>QM41</b>	<b>24.68</b>	25
1/2"	1/2"	plated steel	<b>QM42</b>	<b>24.68</b>	25
1/2"	3/4"	plated steel	<b>QM43</b>	<b>24.68</b>	25
1/2"	1"	plated steel	<b>QM45</b>	<b>26.43</b>	25
1/2"	3/8"	brass	<b>QB41</b>	<b>36.07</b>	--
1/2"	1/2"	brass	<b>QB42</b>	<b>36.07</b>	--
1/2"	3/4"	brass	<b>QB43</b>	<b>36.07</b>	25
1/2"	1"	brass	<b>QB45</b>	<b>37.73</b>	--
1/2"	3/4"	303 stainless	<b>QSS43</b>	<b>80.96</b>	10



### Female Head x Male NPT End

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
3/8"	1/2"	plated steel	<b>QM60</b>	<b>\$42.41</b>	25
1/2"	3/8"	plated steel	<b>QM61</b>	<b>19.35</b>	25
1/2"	1/2"	plated steel	<b>QM62</b>	<b>19.35</b>	25
1/2"	3/4"	plated steel	<b>QM63</b>	<b>19.35</b>	25
1/2"	1"	plated steel	<b>QM65</b>	<b>34.61</b>	25
1/2"	3/8"	brass	<b>QB61</b>	<b>28.94</b>	--
1/2"	1/2"	brass	<b>QB62</b>	<b>28.94</b>	--
1/2"	3/4"	brass	<b>QB63</b>	<b>28.94</b>	--
1/2"	1"	brass	<b>QB65</b>	<b>31.65</b>	25
1/2"	3/4"	303 stainless	<b>QSS63</b>	<b>59.43</b>	--



## 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	<b>QM81</b>	<b>\$23.88</b>	25
1/2"	1/2"	plated steel	<b>QM82</b>	<b>23.88</b>	25
1/2"	3/4"	plated steel	<b>QM83</b>	<b>23.88</b>	25
1/2"	1"	plated steel	<b>QM85</b>	<b>26.43</b>	25
1/2"	3/8"	brass	<b>QB81</b>	<b>37.61</b>	--
1/2"	1/2"	brass	<b>QB82</b>	<b>37.61</b>	--
1/2"	3/4"	brass	<b>QB83</b>	<b>37.61</b>	--
1/2"	1"	brass	<b>QB85</b>	<b>39.26</b>	25
1/2"	3/4"	303 stainless	<b>QSS83</b>	<b>80.96</b>	--



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### Female Head x Female NPT End

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	<b>QM101</b>	<b>\$19.35</b>	25
1/2"	1/2"	plated steel	<b>QM102</b>	<b>19.35</b>	25
1/2"	3/4"	plated steel	<b>QM103</b>	<b>19.35</b>	25
1/2"	1"	plated steel	<b>QM105</b>	<b>21.32</b>	25
1/2"	3/8"	brass	<b>QB101</b>	<b>28.94</b>	--
1/2"	1/2"	brass	<b>QB102</b>	<b>28.94</b>	--
1/2"	3/4"	brass	<b>QB103</b>	<b>28.94</b>	--
1/2"	1"	brass	<b>QB105</b>	<b>31.77</b>	25
1/2"	3/4"	303 stainless	<b>QSS103</b>	<b>59.29</b>	--



### Male Locking Head x Hose Shank

Body Size	Hose Shank Size	Material	Part #	Price/E
1/2"	1/2"	plated steel	<b>QM33</b>	<b>\$32.72</b>
1/2"	3/4"	plated steel	<b>QM44</b>	<b>31.87</b>
1/2"	1/2"	brass	<b>QB33</b>	<b>43.86</b>
1/2"	3/4"	brass	<b>QB44</b>	<b>43.86</b>



### 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	<b>QM66</b>	<b>\$32.72</b>
1/2"	3/4"	plated steel	<b>QM88</b>	<b>32.72</b>
1/2"	1/2"	brass	<b>QB66</b>	<b>43.86</b>
1/2"	3/4"	brass	<b>QB88</b>	<b>43.86</b>



## Dix-Lock™ Gaskets

Body Size	Buna-N	
	Part #	Price/E
3/8"	<b>QBM1</b>	<b>\$1.39</b>
1/2"	<b>QBM2</b>	<b>1.39</b>



## Dix-Lock™ Converter



Body Size	Part #	Plated Steel		Opt Qty
		Price/E		
1/2"	<b>QMO</b>	<b>\$64.03</b>		25

## Dix-Lock™ Caps



Body Size	Part #	Brass		Opt Qty	Plated Steel		Opt Qty
		Price/E			Part #	Price/E	
1/2"	<b>QBCAP</b>	<b>\$26.06</b>		25	<b>QMCAP</b>	<b>\$22.69</b>	25

## Dix-Lock™ Quick-Acting Couplings with Ferrules

## Features:

- working pressure: **300 PSI** at ambient temperature (70°F)
- for crimp recommendations see page 855
- 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"	<i>plated steel</i>	<b>QM22WF</b>	<b>\$26.60</b>
1/2"	3/4"	1-5/32"	1-11/32"	<i>plated steel</i>	<b>QM23WF</b>	<b>26.60</b>
1/2"	1/2"	27/32"	1-1/32"	<i>brass</i>	<b>QB22WF</b>	<b>36.60</b>
1/2"	3/4"	1-5/32"	1-11/32"	<i>brass</i>	<b>QB23WF</b>	<b>36.60</b>

## Male Head



Body Size	Hose ID	Hose OD		Material	Part #	Price/E
		From:	To:			
1/2"	1/2"	27/32"	1-1/32"	<i>plated steel</i>	<b>QM3WF</b>	<b>\$33.20</b>
1/2"	3/4"	1-5/32"	1-11/32"	<i>plated steel</i>	<b>QM4WF</b>	<b>33.20</b>
1/2"	1/2"	27/32"	1-1/32"	<i>brass</i>	<b>QB3WF</b>	<b>50.20</b>
1/2"	3/4"	1-5/32"	1-11/32"	<i>brass</i>	<b>QB4WF</b>	<b>50.20</b>

## Male Locking Head



Body Size	Hose ID	Hose OD		Material	Part #	Price/E
		From:	To:			
1/2"	1/2"	27/32"	1-1/32"	<i>plated steel</i>	<b>QM33WF</b>	<b>\$41.60</b>
1/2"	3/4"	1-5/32"	1-11/32"	<i>plated steel</i>	<b>QM44WF</b>	<b>41.60</b>
1/2"	1/2"	27/32"	1-1/32"	<i>brass</i>	<b>QB33WF</b>	<b>52.90</b>
1/2"	3/4"	1-5/32"	1-11/32"	<i>brass</i>	<b>QB44WF</b>	<b>52.90</b>

- 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	<b>PM6</b>	<b>\$19.72</b>	25
1/2"	1/2"	plated steel	<b>PM8</b>	<b>19.35</b>	25
1/2"	3/4"	plated steel	<b>PM12</b>	<b>20.32</b>	25
1/2"	1"	plated steel	<b>PM16</b>	<b>22.78</b>	25
1/2"	1/2"	brass	<b>PMB8</b>	<b>58.78</b>	25
1/2"	3/4"	brass	<b>PMB12</b>	<b>63.47</b>	25
1/2"	1"	brass	<b>PMB16</b>	<b>63.47</b>	25
1/2"	3/4"	303 stainless	<b>PM12SS</b>	<b>141.52</b>	10



must be used with locking sleeve fittings below

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### Female Pipe Thread

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	<b>PF6</b>	<b>\$22.74</b>	25
1/2"	1/2"	plated steel	<b>PF8</b>	<b>24.63</b>	25
1/2"	3/4"	plated steel	<b>PF12</b>	<b>24.74</b>	25
1/2"	1"	plated steel	<b>PF16</b>	<b>26.94</b>	25
1/2"	1/2"	brass	<b>PFB8</b>	<b>62.87</b>	25
1/2"	3/4"	brass	<b>PFB12</b>	<b>61.29</b>	25
1/2"	1"	brass	<b>PFB16</b>	<b>63.47</b>	25
1/2"	3/4"	303 stainless	<b>PF12SS</b>	<b>141.52</b>	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	<b>PHL6</b>	<b>\$35.23</b>	25
1/2"	1/2"	plated steel	<b>PHL8</b>	<b>35.23</b>	25
1/2"	3/4"	plated steel	<b>PHL12</b>	<b>37.22</b>	25
1/2"	1"	plated steel	<b>PHL16</b>	<b>56.71</b>	25
1/2"	3/4"	brass	<b>PHLB12</b>	<b>82.73</b>	25
1/2"	1"	brass	<b>PHLB16</b>	<b>90.21</b>	25
1/2"	3/4"	303 stainless	<b>PHL12SS</b>	<b>327.82</b>	10



### Male Pipe Thread with Locking Sleeve

Body Size	Male NPT	Material	Part #	Price/E	Opt Qty
1/2"	3/8"	plated steel	<b>PML6</b>	<b>\$33.33</b>	25
1/2"	1/2"	plated steel	<b>PML8</b>	<b>33.15</b>	25
1/2"	3/4"	plated steel	<b>PML12</b>	<b>33.15</b>	25
1/2"	3/4"	303 stainless	<b>PML12SS</b>	<b>285.84</b>	10



### Female Pipe Thread with Locking Sleeve

Body Size	Female NPT	Material	Part #	Price/E	Opt Qty
1/2"	1/2"	plated steel	<b>PFL8</b>	<b>\$37.96</b>	25
1/2"	3/4"	plated steel	<b>PFL12</b>	<b>37.96</b>	25
1/2"	3/4"	303 stainless	<b>PFL12SS</b>	<b>273.53</b>	10



## Replacement Gaskets

Buna-N		FKM	
Part #	Price/E	Part #	Price/E
<b>4P-SKIT</b>	<b>\$2.63</b>	<b>452963</b>	<b>\$6.54</b>



## Locking Key

Steel	
Part #	Price/E
<b>855231</b>	<b>\$1.81</b>



- fits couplings with locking sleeve

## Dual Lock Quick-Acting Couplings with Ferrule

### Features:

- working pressure: **300 PSI** at ambient temperature (70°F)
- for crimp recommendations see page 855
- 3/8" and 1" sizes available upon request, contact Dixon™

### Materials:

- plated steel ferrule
- also available in brass and stainless steel



Body Size	Hose ID	Hose OD		Trivalent Chrome Plated Steel	
		From:	To:	Part #	Price/E
1/2"	1/2"	5/4/64"	1-2/64"	<b>PHL8WF</b>	<b>\$42.00</b>
1/2"	3/4"	1-10/64"	1-22/64"	<b>PHL12WF</b>	<b>43.95</b>

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## Dual Lock Quick-Acting Couplings with Knurled Flanged Sleeve

### Feature:

- large, raised collar sleeve permits easier handling when wearing gloves



### Hose End Barb with Knurled Flanged Sleeve

Body Size	Hose ID Size	Trivalent Chrome Plated Steel		Opt Qty
		Part #	Price/E	
1/2"	3/8"	<b>PHL6FS</b>	<b>\$38.99</b>	25
1/2"	1/2"	<b>PHL8FS</b>	<b>38.99</b>	25
1/2"	3/4"	<b>PHL12FS</b>	<b>40.98</b>	25

### Male Pipe Thread with Knurled Flanged Sleeve



Body Size	Male NPT	Part #	Price/E	Opt Qty
1/2"	3/8"	<b>PML6FS</b>	<b>\$37.09</b>	25
1/2"	1/2"	<b>PML8FS</b>	<b>36.91</b>	25
1/2"	3/4"	<b>PML12FS</b>	<b>36.91</b>	25

### Female Pipe Thread with Knurled Flanged Sleeve



Body Size	Female NPT	Part #	Price/E	Opt Qty
1/2"	1/2"	<b>PFL8FS</b>	<b>\$41.72</b>	25
1/2"	3/4"	<b>PFL12FS</b>	<b>41.72</b>	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"	<b>BBV100DW</b>	<b>\$167.00</b>
1 1/4"	3/4"	<b>BBV125DW</b>	<b>167.00</b>

### Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Brass	
		Part #	Price/E
1"	3/4"	<b>BBV100DWV</b>	<b>\$167.00</b>
1 1/4"	3/4"	<b>BBV125DWV</b>	<b>167.00</b>

## 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"	<b>3501</b>	<b>\$6.80</b>	100
1/4"	1/4"	<b>3502</b>	<b>5.50</b>	100
1/4"	3/8"	<b>3504</b>	<b>7.20</b>	100
3/8"	1/4"	<b>3505</b>	<b>6.75</b>	100
3/8"	3/8"	<b>3506</b>	<b>6.75</b>	100
3/8"	1/2"	<b>3508</b>	<b>9.75</b>	100
1/2"	1/4"	<b>3509</b>	<b>7.80</b>	100
1/2"	3/8"	<b>3510</b>	<b>7.30</b>	100
1/2"	1/2"	<b>3512</b>	<b>9.00</b>	100
1/2"	3/4"	<b>3511</b>	<b>14.00</b>	50
3/4"	1/2"	<b>3513</b>	<b>12.75</b>	50
3/4"	3/4"	<b>3514</b>	<b>11.60</b>	50
3/4"	1"	<b>3515</b>	<b>24.70</b>	25
1"	3/4"	<b>3516</b>	<b>20.45</b>	25
1"	1"	<b>3518</b>	<b>17.40</b>	25



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### Female Nipples

Hose Size	Female NPT	Zinc Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	<b>3542</b>	<b>\$12.35</b>	100
3/8"	1/4"	<b>3545</b>	<b>12.60</b>	50
3/8"	3/8"	<b>3546</b>	<b>12.75</b>	50
1/2"	3/8"	<b>3550</b>	<b>12.15</b>	100
1/2"	1/2"	<b>3552</b>	<b>14.65</b>	50
3/4"	3/4"	<b>3554</b>	<b>20.40</b>	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 855
- low profile, streamline appearance

Hose Size	Male NPT	Hose OD		Steel	
		From:	To:	Part #	Price/E
3/8"	1/4"	46/64"	50/64"	<b>3505WF</b>	<b>\$16.20</b>
3/8"	1/2"	46/64"	50/64"	<b>3508WF</b>	<b>18.90</b>
1/2"	1/4"	54/64"	58/64"	<b>3509WF</b>	<b>18.70</b>
1/2"	3/8"	54/64"	58/64"	<b>3510WF</b>	<b>18.40</b>
1/2"	3/4"	54/64"	58/64"	<b>3511WF</b>	<b>24.00</b>
1/2"	1/2"	54/64"	58/64"	<b>3512WF</b>	<b>21.90</b>
3/4"	3/4"	1-10/64"	1-14/64"	<b>3514WF</b>	<b>21.70</b>
1"	1"	1-30/64"	1-34/64"	<b>3518WF</b>	<b>24.55</b>
1"	1"	1-34/64"	1-38/64"	<b>3518WF2</b>	<b>24.05</b>



## 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 156 for air tool lubricant

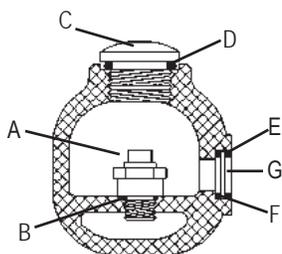


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NPT Size	Oil Capacity	Max. Working Pressure at ambient temperature (70°F)	Air Flow at 70 PSI	Aluminum	
				Part #	Price/E
1/2"	1.4 fluid ozs.	<b>500 PSI</b>	30 SCFM	<b>PL300</b>	<b>\$111.80</b>
3/4"	3.7 fluid ozs.	<b>200 PSI</b>	70 SCFM	<b>PL400</b>	<b>116.90</b>
3/4"	11.0 fluid ozs.	<b>300 PSI</b>	70 SCFM	<b>PL400L</b>	<b>145.00</b>
1"	16.0 fluid ozs.	<b>250 PSI</b>	100 SCFM	<b>PL500</b>	<b>193.40</b>

### Replacement Parts

Description	Part #	Price/E	Description	Part #	Price/E
(A) oil adjustment valve assembly	<b>851661</b>	<b>\$46.00</b>	(D) fill plug O-ring	<b>700013-214</b>	<b>\$2.00</b>
(B) valve gasket	<b>452531</b>	<b>2.75</b>	(E) sight disk	<b>452532</b>	<b>2.90</b>
(C) fill plug	<b>452525</b>	<b>14.00</b>	(F) sight disk seal	<b>700013-016</b>	<b>2.30</b>
			(G) sight disk lock nut	<b>452533</b>	<b>6.75</b>



## 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	Aluminum	
			Part #	Price/E
3/4"	3-13/16"	1 1/2"	<b>9076M</b>	<b>\$75.00</b>

## Disposable In-Line Nipple Filters

### Features:

- for filtration of water, oil and air
- compact and lightweight
- can be installed at point of use
- shape element is conical rather than disc, providing a larger filtering flow and a true, uninterrupted axial flow
- maximum operating pressure: **300 PSI**
- temperature range: **35°F to 300°F**
- standard 40 micron element ensures minimum pressure drop



Male NPT	Overall Length	Hex	Air Flow	Brass	
				Part #	Price/E
1/4"	1 1/2"	9/16"	20 SCFM	<b>ASP3102-40</b>	<b>\$16.90</b>
1/2"	2"	7/8"	50 SCFM	<b>ASP3104-40</b>	<b>22.00</b>

## 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
3/4"	3.7 fluid ozs.	<b>200 PSI</b>	<b>PL400WF</b>	<b>\$197.10</b>
3/4"	11.0 fluid ozs.	<b>300 PSI</b>	<b>PL400LWF</b>	<b>223.25</b>



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## 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

Used On	Aluminum	
	Part #	Price/E
leveling base for PL300	<b>LB300</b>	<b>\$15.00</b>
leveling base for PL400	<b>LB400</b>	<b>16.75</b>
leveling base for PL500	<b>LB500</b>	<b>16.65</b>



lubricator is not included  
with the base

# King Cable™

**Features:**

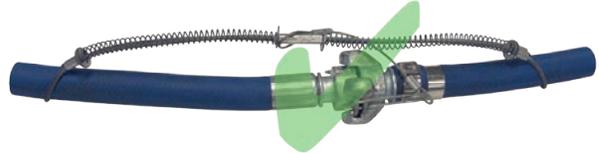
- must be installed in the extended position (no slack) 
- cable reaches across hose fittings to provide standby safety for hose
- spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose
- no tools needed - easy to install and remove
- cables shipped with safety restraint labels attached
- highly resistant to rust and corrosion
- hose-to-hose or hose-to-rigid outlet
- maximum operating pressure: **200 PSI**
- minimizes damage to equipment and injuries to operators in the event hose, couplings or clamps fail, or there is an accidental separation of the assembly

**Materials:**

- For WB1, WB3, WA2, WA4, WSR1, WSR3, WSR2, WSR4, WSR1C, WB1C, WSR1E:
  - wire rope: galvanized carbon steel
  - ferrules: aluminum
  - springs: galvanized carbon steel
- For WB1SS, WA2SS, WSR1SS, WSR2SS:
  - wire rope: 304 stainless steel
  - ferrules: copper
  - springs: 304 stainless steel
- For WA2B:
  - wire rope: galvanized carbon steel
  - ferrules: copper
  - springs: galvanized carbon steel



incorrect installation



correct installation



hose end

tool end

**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	<b>WSR1</b>	\$18.45	<b>WSR1SS</b>	\$48.25
1/2" - 2"	3/16"	28"	200	<b>WSR3</b>	26.50	---	---
1 1/2" - 3"	1/4"	38"	200	<b>WSR2</b>	29.10	<b>WSR2SS</b>	101.80
4"	3/8"	44"	200	<b>WSR4</b>	64.40	---	---



hose end

hose end

**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	<b>WB1</b>	\$18.45	<b>WB1SS</b>	\$51.05
1/2" - 2"	3/16"	28"	200	<b>WB3</b>	27.35	---	---
1 1/2" - 3"	1/4"	38"	200	<b>WA2</b>	30.00	<b>WA2SS</b>	107.10
4"	3/8"	44"	200	<b>WA4</b>	64.45	---	---

**King 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"	<b>WSR1C</b>	WSR1 with safety clip and lanyard used to lock Air King™ couplings	200	\$32.10
1/2" - 1 1/4"	1/8"	<b>WB1C</b>	WB1 with safety clip and lanyard used to lock Air King™ couplings	200	31.55
1/2" - 1 1/4"	1/8"	<b>WSR1E</b>	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"	<b>WA2B</b>	WA2 with bronze/copper ferrule for special environmental conditions	200	60.10

• see page 808 for OSHA regulations

## King™ Safety Whipsock

### Application:

- ideally suited for applications where the media being transferred is under higher working pressures 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
- securing both eye-to-rigid or eye-to-eye anchor points reduce whip in the event of a hose connection failure
- contact Dixon™ with questions regarding working pressure, available options or custom configurations

### Materials:

- wire rope: galvanized carbon steel
- ferrules: aluminum

Size	OD Range	Length	Max. Working Pressure PSI	Part #	Price/E
3/8"	.315" - .5512"	15.75"	5000	<b>KSW06</b>	\$228.00
1/2"	.5512" - .7874"	21.65"	3000	<b>KSW08</b>	252.00
3/4"	.7874" - 1.181"	25.20"	2000	<b>KSW12</b>	262.00
1"	1.181" - 1.575"	34.25"	1500	<b>KSW16</b>	286.00
1 1/4"	1.575" - 1.969"	38.19"	1000	<b>KSW20</b>	320.00
1 1/2"	1.969" - 2.362"	49.21"	700	<b>KSW24</b>	345.00
2"	2.362" - 2.756"	51.18"	1300	<b>KSW32</b>	390.00
2 1/2"	2.756" - 3.346"	53.15"	800	<b>KSW40</b>	420.00
3"	3.346" - 3.937"	72.44"	750	<b>KSW48</b>	570.00
3 1/2"	3.937" - 4.724"	72.05"	550	<b>KSW56</b>	670.00
4"	4.724" - 5.512"	86.61"	550	<b>KSW64</b>	750.00
6"	5.512" - 7.087"	93.31"	250	<b>KSW96</b>	790.00



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## King™ Safety Shackles

### Applications:

- 2 shackles are used to anchor the King™ Safety Whipsock
- securing both eyes to a rigid anchor point to reduce whip in the event of a hose or connection failure

### Features:

- recommended bolt, nut, and cotter pin style shackle 
- caution working load must be rated for the application

### Material:

- micro alloy steel



Size	Working Load	Fits KSW Eye	Part #	Price/E
1/4"	1/2 ton (1000 lbs)	KSW06-KSW12	<b>KSS04</b>	\$29.50
3/8"	1 1/2 ton (3000 lbs)	KSW16-KSW40	<b>KSS06</b>	45.60
1/2"	3 ton (6000 lbs)	KSW48-KSW96	<b>KSS08</b>	47.00

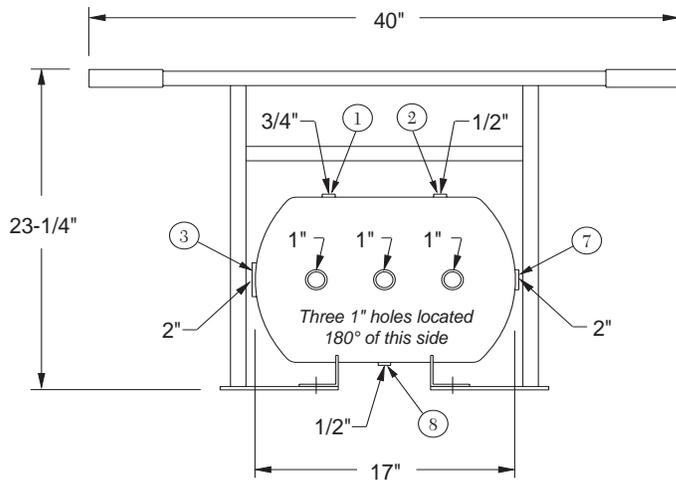
## ASME Air Receiver Manifold

## Features:

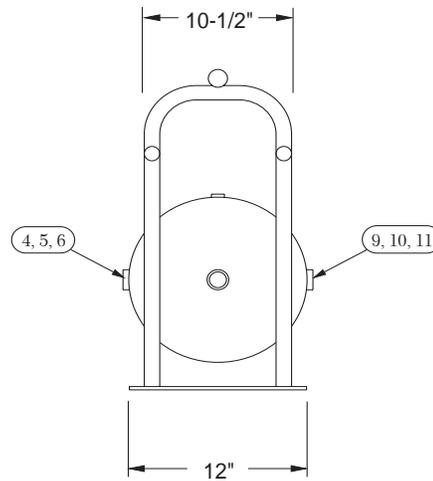
- built to ASME Code, National Board registered
- conforms to OSHA standards 1910.169 and 1926.306
- 7 gallon capacity
- painted safety orange
- all openings are female NPT thread
- working pressure: **200 PSI**



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
<b>1217AR-4</b>	1	ASME compressed air receiver	---	<b>\$1230.00</b>
<b>1217FRAME</b>	1	protective frame	---	<b>400.00</b>
Location 1	1	HB2F6M 3/4" male x 1/4" female hex bushing	<b>\$7.85</b>	<b>7.85</b>
	1	GL345 0-300 PSI gauge	<b>18.95</b>	<b>18.95</b>
Location 2	1	HB2F4M 1/2" male x 1/4" female hex bushing	<b>4.27</b>	<b>4.27</b>
	1	SV200 safety pop-off valve	<b>35.75</b>	<b>35.75</b>
Location 3	1	GM28 2" male spud	<b>54.00</b>	<b>54.00</b>
	1	B27SC wing nut cap	<b>82.25</b>	<b>82.25</b>
Locations 4, 5, 6, 9, 10, 11	6	HB1075G 1" male x 3/4" female bushings	<b>6.75</b>	<b>40.50</b>
	6	BCN75 3/4" brass hex nipples	<b>7.50</b>	<b>45.00</b>
	6	BBLV75 ball valves	<b>70.40</b>	<b>422.40</b>
	6	SCVS6 safety shut-off valves	<b>99.76</b>	<b>598.56</b>
	6	AM7 Air King™ universal couplings	<b>8.60</b>	<b>51.60</b>
	4	SE45100 45° street elbow (1 each in locations 4, 6, 9 and 11 only)	<b>9.55</b>	<b>38.20</b>
Location 7	1	HB2075 2" male x 3/4" female bushing	<b>8.75</b>	<b>8.75</b>
	1	BCN75 3/4" brass hex nipples	<b>7.50</b>	<b>7.50</b>
	1	BBLV75 ball valve	<b>70.40</b>	<b>70.40</b>
	1	SCVS6 safety shut-off valve	<b>99.76</b>	<b>99.76</b>
	1	AM7 Air King™ universal coupling	<b>8.60</b>	<b>8.60</b>
Location 8	1	HB2F4M 1/2" male x 1/4" female hex bushing	<b>4.27</b>	<b>4.27</b>
	1	D04 1/4" drain cock	<b>5.05</b>	<b>5.05</b>
	---	Labor cost for assembly of complete unit	---	<b>320.00</b>
<b>1217AR-4AK</b>	1	7 gallon ASME compressed air receiver manifold complete assembly with Air King™	---	<b>3535.25</b>
		<b>Tank and Frame only</b>		
<b>1217AR-4FR</b>	1	7 gallon ASME compressed air receiver with frame only	---	<b>\$1610.00</b>

## 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-4AK ASME 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"	<b>1217AR-4AKWF</b>	<b>\$4995.00</b>

## Wilkerson Combination Unit with Protective Frame

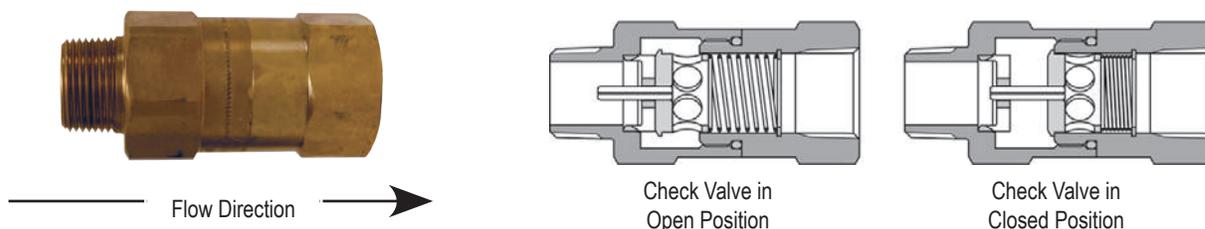
### Features:

- 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"	<b>C31-08FRAME</b>	<b>\$2045.00</b>

## 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.



### 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:

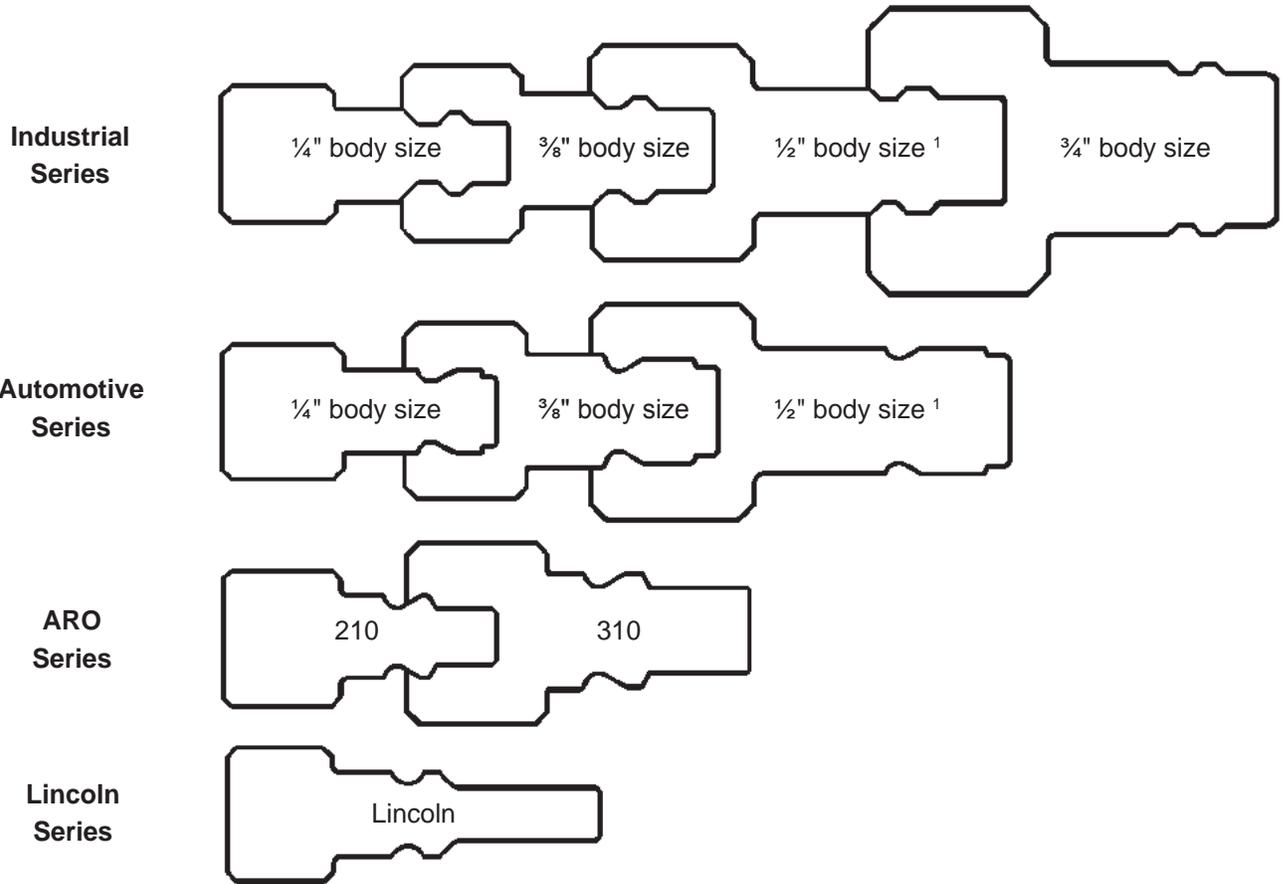
- conforms to OSHA regulation 1926.302 (b) (7) requiring a safety device at the source of the air supply and at branch air lines

### 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"	<b>SCVL2</b>	23-29	<b>\$62.58</b>	1 1/4"	<b>SCVL10</b>	260-290	<b>\$233.05</b>
3/8"	<b>SCVM3</b>	39-47	<b>58.70</b>		<b>SCVM10</b>	300-340	<b>233.05</b>
	<b>SCVS3</b>	52-65	<b>58.70</b>		<b>SCVS10</b>	440-500	<b>233.05</b>
1/2"	<b>SCVM4</b>	70-78	<b>63.03</b>		<b>SCVH10</b>	570-630	<b>233.05</b>
	<b>SCVS4</b>	80-96	<b>63.03</b>	1 1/2"	<b>SCVL12</b>	300-360	<b>390.90</b>
3/4"	<b>SCVL6</b>	72-88	<b>99.76</b>		<b>SCVM12</b>	470-530	<b>390.90</b>
	<b>SCVM6</b>	92-108	<b>99.76</b>		<b>SCVS12</b>	640-720	<b>390.90</b>
	<b>SCVR6</b>	112-128	<b>99.76</b>		<b>SCVH12</b>	750-830	<b>390.90</b>
	<b>SCVJ6</b>	132-148	<b>99.76</b>	2"	<b>SCVL16</b>	510-590	<b>533.79</b>
<b>SCVS6</b>	160-180	<b>99.76</b>	<b>SCVM16</b>		725-825	<b>533.79</b>	
<b>SCVH6</b>	180-200	<b>99.76</b>	<b>SCVS16</b>		900-1050	<b>533.79</b>	
1"	<b>SCVL8</b>	165-195	<b>112.82</b>		<b>SCVH16</b>	1100-1200	<b>533.79</b>
	<b>SCVM8</b>	220-260	<b>112.82</b>	3"	<b>SCVL24</b>	1200-1400	<b>2266.67</b>
	<b>SCVS8</b>	280-320	<b>112.82</b>		<b>SCVS24</b>	2400-2700	<b>2266.67</b>
	<b>SCVH8</b>	310-340	<b>112.82</b>		<b>SCVH24</b>	2850-3050	<b>2266.67</b>

## Actual Size Profile Chart



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<sup>1</sup> 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"	<b>DCP21SWIV</b>	<b>\$17.70</b>	10



### Male NPT Ball Swivel x ARO Plug

Body Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	<b>DCP37SWIV</b>	<b>\$17.70</b>	10



### Male NPT Ball Swivel x Automotive Plug

Body Size	Male NPT	Part #	Price/E	Opt Qty
1/4"	1/4"	<b>DCP1SWIV</b>	<b>\$17.70</b>	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 

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## 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	<b>DCP2021</b>	<b>\$3.80</b>	20
1/4"	1/4"	steel	37 CFM	<b>DCP20</b>	<b>3.05</b>	20
1/4"	3/8"	steel	37 CFM	<b>DCP2023</b>	<b>6.20</b>	20
3/8"	1/4"	steel	70 CFM	<b>DCP2622</b>	<b>5.00</b>	10
3/8"	3/8"	steel	70 CFM	<b>DCP26</b>	<b>5.65</b>	10
3/8"	1/2"	steel	70 CFM	<b>DCP2624</b>	<b>10.75</b>	10
1/2"	3/8"	steel	150 CFM	<b>DCP1823</b>	<b>10.50</b>	10
1/2"	1/2"	steel	150 CFM	<b>DCP18</b>	<b>9.25</b>	10
1/2"	3/4"	steel	150 CFM	<b>DCP1826</b>	<b>15.80</b>	10
3/4"	1/2"	steel	200 CFM	<b>DCP7024</b>	<b>17.55</b>	10
3/4"	3/4"	steel	200 CFM	<b>DCP7026</b>	<b>19.20</b>	5
3/4"	1"	steel	200 CFM	<b>DCP7028</b>	<b>34.85</b>	5
1/4"	1/4"	brass	37 CFM	<b>DCP20B</b>	<b>3.41</b>	20
1/4"	3/8"	brass	37 CFM	<b>DCP2023B</b>	<b>5.23</b>	20
1/4"	1/4"	303 stainless	37 CFM	<b>DCP20S</b>	<b>11.58</b>	5
3/8"	3/8"	303 stainless	70 CFM	<b>DCP26S</b>	<b>26.32</b>	5
1/2"	1/2"	303 stainless	150 CFM	<b>DCP18S</b>	<b>28.65</b>	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	<b>DCP2101</b>	<b>\$3.00</b>	20
1/4"	1/4"	steel	37 CFM	<b>DCP21</b>	<b>2.65</b>	20
1/4"	3/8"	steel	37 CFM	<b>DCP2103</b>	<b>4.25</b>	20
3/8"	1/4"	steel	70 CFM	<b>DCP2502</b>	<b>4.50</b>	10
3/8"	3/8"	steel	70 CFM	<b>DCP25</b>	<b>4.50</b>	10
3/8"	1/2"	steel	70 CFM	<b>DCP2504</b>	<b>9.25</b>	10
1/2"	3/8"	steel	150 CFM	<b>DCP1703</b>	<b>7.60</b>	10
1/2"	1/2"	steel	150 CFM	<b>DCP17</b>	<b>7.50</b>	10
1/2"	3/4"	steel	150 CFM	<b>DCP1706</b>	<b>14.15</b>	10
3/4"	1/2"	steel	200 CFM	<b>DCP7104</b>	<b>16.00</b>	10
3/4"	3/4"	steel	200 CFM	<b>DCP7106</b>	<b>16.25</b>	5
3/4"	1"	steel	200 CFM	<b>DCP7108</b>	<b>25.30</b>	5
1/4"	1/8"	brass	37 CFM	<b>DCP2101B</b>	<b>3.64</b>	20
1/4"	1/4"	brass	37 CFM	<b>DCP21B</b>	<b>2.39</b>	20
1/4"	3/8"	brass	37 CFM	<b>DCP2103B</b>	<b>4.54</b>	20
1/4"	1/4"	303 stainless	37 CFM	<b>DCP21S</b>	<b>9.13</b>	5
3/8"	3/8"	303 stainless	70 CFM	<b>DCP25S</b>	<b>18.72</b>	5
1/2"	1/2"	303 stainless	150 CFM	<b>DCP17S</b>	<b>28.65</b>	5

## 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	<b>DCP2142</b>	<b>\$3.73</b>	20
1/4"	5/16"	steel	37 CFM	<b>DCP2143</b>	<b>5.35</b>	20
1/4"	3/8"	steel	37 CFM	<b>DCP2144</b>	<b>5.00</b>	20
3/8"	1/4"	steel	70 CFM	<b>DCP2542</b>	<b>7.01</b>	10
3/8"	3/8"	steel	70 CFM	<b>DCP2544</b>	<b>5.44</b>	10
3/8"	1/2"	steel	70 CFM	<b>DCP2545</b>	<b>8.60</b>	10
1/2"	3/8"	steel	150 CFM	<b>DCP1744</b>	<b>7.60</b>	10
1/2"	1/2"	steel	150 CFM	<b>DCP1745</b>	<b>7.01</b>	10
1/2"	3/4"	steel	150 CFM	<b>DCP1746</b>	<b>11.65</b>	10
3/4"	1/2"	steel	200 CFM	<b>DCP7145</b>	<b>22.75</b>	5
3/4"	3/4"	steel	200 CFM	<b>DCP7146</b>	<b>22.25</b>	5
3/4"	1"	steel	200 CFM	<b>DCP7148</b>	<b>33.85</b>	5
1/4"	1/4"	brass	37 CFM	<b>DCP2142B</b>	<b>3.92</b>	20
1/4"	3/8"	brass	37 CFM	<b>DCP2144B</b>	<b>4.62</b>	20
1/4"	1/4"	303 stainless	37 CFM	<b>DCP2142S</b>	<b>11.93</b>	5
3/8"	3/8"	303 stainless	70 CFM	<b>DCP2544S</b>	<b>19.30</b>	5
1/2"	1/2"	303 stainless	150 CFM	<b>DCP1745S</b>	<b>28.65</b>	5



DCP7145

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### 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	<b>DCP2142L</b>	<b>\$3.73</b>	25
1/4"	3/8"	steel	37 CFM	<b>DCP2144L</b>	<b>5.00</b>	25
3/8"	1/4"	steel	70 CFM	<b>DCP2542L</b>	<b>7.35</b>	25
3/8"	3/8"	steel	70 CFM	<b>DCP2544L</b>	<b>6.30</b>	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	<b>DC2021</b>	<b>\$15.85</b>	10
1/4"	1/4"	brass	37 CFM	<b>DC20</b>	<b>10.45</b>	10
1/4"	3/8"	brass	37 CFM	<b>DC2023</b>	<b>14.40</b>	10
3/8"	1/4"	steel	70 CFM	<b>DC2622</b>	<b>23.75</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC26</b>	<b>22.20</b>	10
3/8"	1/2"	steel	70 CFM	<b>DC2624</b>	<b>29.60</b>	10
1/2"	3/8"	steel	150 CFM	<b>DC1023</b>	<b>33.30</b>	10
1/2"	1/2"	steel	150 CFM	<b>DC10</b>	<b>31.20</b>	10
1/2"	3/4"	steel	150 CFM	<b>DC1026</b>	<b>41.00</b>	10
3/4"	1/2"	brass	200 CFM	<b>DC7024</b> <sup>1</sup>	<b>68.65</b>	1
3/4"	3/4"	brass	200 CFM	<b>DC7026</b> <sup>1</sup>	<b>70.25</b>	1
3/4"	1"	brass	200 CFM	<b>DC7028</b> <sup>1</sup>	<b>76.35</b>	1
1/4"	1/4"	303 stainless	37 CFM	<b>DC20S</b>	<b>49.12</b>	5
3/8"	3/8"	303 stainless	70 CFM	<b>DC26S</b>	<b>85.38</b>	5
1/2"	1/2"	303 stainless	150 CFM	<b>DC10S</b>	<b>107.59</b>	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	<b>DC2101</b>	<b>\$13.45</b>	10
1/4"	1/4"	brass	37 CFM	<b>DC21</b>	<b>11.20</b>	10
1/4"	3/8"	brass	37 CFM	<b>DC2103</b>	<b>13.40</b>	10
3/8"	1/4"	steel	70 CFM	<b>DC2502</b>	<b>22.95</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC25</b>	<b>23.10</b>	10
3/8"	1/2"	steel	70 CFM	<b>DC2504</b>	<b>28.35</b>	10
1/2"	3/8"	steel	150 CFM	<b>DC903</b>	<b>31.25</b>	10
1/2"	1/2"	steel	150 CFM	<b>DC9</b>	<b>27.45</b>	10
1/2"	3/4"	steel	150 CFM	<b>DC906</b>	<b>36.90</b>	10
3/4"	1/2"	brass	200 CFM	<b>DC7104</b> <sup>1</sup>	<b>72.80</b>	1
3/4"	3/4"	brass	200 CFM	<b>DC7106</b> <sup>1</sup>	<b>74.50</b>	1
3/4"	1"	brass	200 CFM	<b>DC7108</b> <sup>1</sup>	<b>82.65</b>	1
1/4"	1/4"	303 stainless	37 CFM	<b>DC21S</b>	<b>45.61</b>	5
3/8"	3/8"	303 stainless	70 CFM	<b>DC25S</b>	<b>81.86</b>	5
1/2"	1/2"	303 stainless	150 CFM	<b>DC9S</b>	<b>111.45</b>	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	<b>DC2042</b>	<b>\$13.90</b>	10
1/4"	5/16"	brass	37 CFM	<b>DC2043</b>	<b>14.30</b>	10
1/4"	3/8"	brass	37 CFM	<b>DC2044</b>	<b>13.70</b>	10
3/8"	1/4"	steel	70 CFM	<b>DC2642</b>	<b>26.24</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC2644</b>	<b>24.50</b>	10
3/8"	1/2"	steel	70 CFM	<b>DC2645</b>	<b>26.05</b>	10
1/2"	3/8"	steel	150 CFM	<b>DC1044</b>	<b>35.60</b>	10
1/2"	1/2"	steel	150 CFM	<b>DC1045</b>	<b>33.45</b>	10
1/2"	3/4"	steel	150 CFM	<b>DC1046</b>	<b>35.30</b>	10
3/4"	1/2"	brass	200 CFM	<b>DC7045</b> <sup>1</sup>	<b>79.95</b>	1
3/4"	3/4"	brass	200 CFM	<b>DC7046</b> <sup>1</sup>	<b>80.95</b>	1
3/4"	1"	brass	200 CFM	<b>DC7048</b> <sup>1</sup>	<b>83.65</b>	1
1/4"	1/4"	303 stainless	37 CFM	<b>DC2042S</b>	<b>56.14</b>	5
3/8"	3/8"	303 stainless	70 CFM	<b>DC2644S</b>	<b>86.54</b>	5
1/2"	1/2"	303 stainless	150 CFM	<b>DC1045S</b>	<b>111.45</b>	5

<sup>1</sup> 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	<b>DC2042L</b>	<b>\$13.75</b>	25
1/4"	3/8"	brass	37 CFM	<b>DC2044L</b>	<b>14.05</b>	25
3/8"	1/4"	steel	70 CFM	<b>DC2642L</b>	<b>32.45</b>	25
3/8"	3/8"	steel	70 CFM	<b>DC2644L</b>	<b>26.30</b>	25

**F**semi-automatic  
pull sleeve to connectsemi-automatic  
pull sleeve to connectsemi-automatic  
pull sleeve to connectsemi-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	<b>DCB20</b>	<b>\$13.17</b>	24
1/4"	3/8"	brass	27 CFM	<b>DCB2023</b>	<b>15.54</b>	24
3/8"	1/4"	brass	45 CFM	<b>DCB2622</b>	<b>26.78</b>	12
3/8"	3/8"	brass	45 CFM	<b>DCB26</b>	<b>25.73</b>	12
3/8"	1/2"	brass	45 CFM	<b>DCB2624</b>	<b>28.07</b>	12
1/2"	3/8"	brass	91 CFM	<b>DCB1023</b>	<b>35.62</b>	6
1/2"	1/2"	brass	91 CFM	<b>DCB10</b>	<b>36.26</b>	6
1/2"	3/4"	brass	91 CFM	<b>DCB1026</b>	<b>36.26</b>	6
3/4"	1/2"	brass	200 CFM	<b>DC7024</b>	<b>68.65</b>	1
3/4"	3/4"	brass	200 CFM	<b>DC7026</b>	<b>70.25</b>	1
3/4"	1"	brass	200 CFM	<b>DC7028</b>	<b>76.35</b>	1
1/4"	1/4"	303 stainless	27 CFM	<b>DCS20</b>	<b>69.28</b>	5
3/8"	3/8"	303 stainless	45 CFM	<b>DCS26</b>	<b>103.50</b>	5
1/2"	1/2"	303 stainless	91 CFM	<b>DCS10</b>	<b>139.62</b>	5

automatic  
push-to-connect



F

## 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	<b>DCB21</b>	<b>\$13.17</b>	24
1/4"	3/8"	brass	27 CFM	<b>DCB2103</b>	<b>15.54</b>	24
3/8"	1/4"	brass	45 CFM	<b>DCB2502</b>	<b>26.78</b>	12
3/8"	3/8"	brass	45 CFM	<b>DCB25</b>	<b>25.73</b>	12
3/8"	1/2"	brass	45 CFM	<b>DCB2504</b>	<b>27.21</b>	12
1/2"	3/8"	brass	91 CFM	<b>DCB903</b>	<b>33.99</b>	6
1/2"	1/2"	brass	91 CFM	<b>DCB9</b>	<b>33.06</b>	6
1/2"	3/4"	brass	91 CFM	<b>DCB906</b>	<b>34.89</b>	6
3/4"	1/2"	brass	200 CFM	<b>DC7104</b>	<b>72.80</b>	1
3/4"	3/4"	brass	200 CFM	<b>DC7106</b>	<b>74.50</b>	1
3/4"	1"	brass	200 CFM	<b>DC7108</b>	<b>82.65</b>	1
1/4"	1/4"	303 stainless	27 CFM	<b>DCS21</b>	<b>62.58</b>	5
3/8"	3/8"	303 stainless	45 CFM	<b>DCS25</b>	<b>100.44</b>	5
1/2"	1/2"	303 stainless	91 CFM	<b>DCS9</b>	<b>132.09</b>	5

automatic  
push-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	27 CFM	<b>DCB2042</b>	<b>\$13.45</b>	24
1/4"	3/8"	brass	27 CFM	<b>DCB2044</b>	<b>15.55</b>	24
3/8"	1/4"	brass	45 CFM	<b>DCB2642</b>	<b>28.07</b>	12
3/8"	3/8"	brass	45 CFM	<b>DCB2644</b>	<b>24.56</b>	12
3/8"	1/2"	brass	45 CFM	<b>DCB2645</b>	<b>29.24</b>	12
1/2"	3/8"	brass	91 CFM	<b>DCB1044</b>	<b>35.62</b>	6
1/2"	1/2"	brass	91 CFM	<b>DCB1045</b>	<b>36.11</b>	6
1/2"	3/4"	brass	91 CFM	<b>DCB1046</b>	<b>36.44</b>	6
3/4"	1/2"	brass	200 CFM	<b>DC7045</b>	<b>79.95</b>	1
3/4"	3/4"	brass	200 CFM	<b>DC7046</b>	<b>80.95</b>	1
3/4"	1"	brass	200 CFM	<b>DC7048</b>	<b>83.65</b>	1
1/4"	1/4"	303 stainless	27 CFM	<b>DCS2042</b>	<b>75.83</b>	5
3/8"	3/8"	303 stainless	45 CFM	<b>DCS2644</b>	<b>101.10</b>	5
1/2"	1/2"	303 stainless	91 CFM	<b>DCS1045</b>	<b>119.13</b>	5

automatic  
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	<b>DC20SE</b>	<b>\$55.60</b>	10
1/4"	3/8"-18	steel	37 CFM	<b>DC2023SE</b>	<b>59.95</b>	10
3/8"	3/8"-18	steel	70 CFM	<b>DC26SE</b>	<b>67.35</b>	5
3/8"	1/2"-14	steel	70 CFM	<b>DC2624SE</b>	<b>73.20</b>	5
1/2"	1/2"-14	steel	150 CFM	<b>DC10SE</b>	<b>78.55</b>	5
1/2"	3/4"-14	steel	150 CFM	<b>DC1026SE</b>	<b>88.75</b>	5
3/4"	3/4"-14	steel	200 CFM	<b>DC7026SE</b>	<b>115.30</b>	5
3/4"	1"-11-1/2	steel	200 CFM	<b>DC7028SE</b>	<b>136.70</b>	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	<b>DC21SE</b>	<b>\$63.75</b>	10
1/4"	3/8"-18	steel	37 CFM	<b>DC2103SE</b>	<b>74.50</b>	10
3/8"	3/8"-18	steel	70 CFM	<b>DC25SE</b>	<b>81.10</b>	5
1/2"	1/2"-14	steel	150 CFM	<b>DC9SE</b>	<b>86.20</b>	5
3/4"	3/4"-14	steel	200 CFM	<b>DC7106SE</b>	<b>154.85</b>	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	<b>DC2042SE</b>	<b>\$76.50</b>	10
1/4"	3/8"	steel	37 CFM	<b>DC2044SE</b>	<b>80.10</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC2644SE</b>	<b>85.70</b>	5
1/2"	1/2"	steel	150 CFM	<b>DC1045SE</b>	<b>92.10</b>	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	<b>DC2042LSE</b>	<b>\$91.80</b>	10
1/4"	3/8"	steel	37 CFM	<b>DC2044LSE</b>	<b>77.55</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC2644LSE</b>	<b>82.65</b>	5
1/2"	1/2"	steel	150 CFM	<b>DC1045LSE</b>	<b>92.10</b>	5

## Legris Automatic Industrial Interchange Safety Couplers

### Applications:

- suited for numerous installations including: pneumatic tools, blow guns, pneumatic automotive equipment

### Features:

- temperature range: **-4°F to 140°F**
- working pressure: **230 PSI**
- 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"	<b>9405U0614</b>	<b>\$41.80</b>
1/4"	3/8"	<b>9405U0618</b>	<b>46.95</b>

Body Size	NPT Size	Part #	Price/E
1/4"	1/4"	<b>9415U0614</b>	<b>\$41.85</b>
1/4"	3/8"	<b>9415U0618</b>	<b>46.85</b>

## 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	<b>DCP221</b>	<b>\$3.50</b>	25
1/4"	1/4"	steel	37 CFM	<b>DCP2</b>	<b>3.50</b>	20
1/4"	3/8"	steel	37 CFM	<b>DCP223</b>	<b>7.05</b>	20
3/8"	1/4"	steel	70 CFM	<b>DCP8</b>	<b>4.45</b>	10
3/8"	3/8"	steel	70 CFM	<b>DCP6</b>	<b>8.35</b>	10
3/8"	1/2"	steel	70 CFM	<b>DCP624</b>	<b>11.65</b>	10
1/2"	3/8"	steel	150 CFM	<b>DCP1823</b>	<b>10.50</b>	10
1/2"	1/2"	steel	150 CFM	<b>DCP18</b>	<b>9.25</b>	10
1/2"	3/4"	steel	150 CFM	<b>DCP1826</b>	<b>15.80</b>	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	<b>DCP101</b>	<b>\$4.40</b>	20
1/4"	1/4"	steel	37 CFM	<b>DCP1</b>	<b>2.70</b>	20
1/4"	3/8"	steel	37 CFM	<b>DCP103</b>	<b>4.90</b>	20
3/8"	1/4"	steel	70 CFM	<b>DCP7</b>	<b>4.40</b>	10
3/8"	3/8"	steel	70 CFM	<b>DCP5</b>	<b>4.80</b>	10
1/2"	3/8"	steel	150 CFM	<b>DCP1703</b>	<b>7.60</b>	10
1/2"	1/2"	steel	150 CFM	<b>DCP17</b>	<b>7.50</b>	20
1/2"	3/4"	steel	150 CFM	<b>DCP1706</b>	<b>14.15</b>	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	<b>DCP142</b>	<b>\$5.35</b>	20
1/4"	3/8"	steel	37 CFM	<b>DCP144</b>	<b>5.25</b>	20
3/8"	1/4"	steel	70 CFM	<b>DCP542</b>	<b>7.95</b>	10
3/8"	3/8"	steel	70 CFM	<b>DCP544</b>	<b>6.65</b>	25
1/2"	3/8"	steel	150 CFM	<b>DCP1744</b>	<b>7.60</b>	10
1/2"	1/2"	steel	150 CFM	<b>DCP1745</b>	<b>7.01</b>	10
1/2"	3/4"	steel	150 CFM	<b>DCP1746</b>	<b>11.65</b>	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	<b>DCP142L</b>	<b>\$5.80</b>	25
1/4"	3/8"	steel	37 CFM	<b>DCP144L</b>	<b>5.80</b>	25
3/8"	3/8"	steel	70 CFM	<b>DCP544L</b>	<b>7.35</b>	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	<b>DC221</b>	<b>\$15.25</b>	25
1/4"	1/4"	brass	37 CFM	<b>DC2</b>	<b>11.10</b>	25
1/4"	3/8"	brass	37 CFM	<b>DC223</b>	<b>15.30</b>	10
3/8"	1/4"	steel	70 CFM	<b>DC8</b>	<b>23.20</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC6</b>	<b>22.55</b>	10
3/8"	1/2"	steel	70 CFM	<b>DC624</b>	<b>31.15</b>	10
1/2"	3/8"	steel	150 CFM	<b>DC1023</b>	<b>33.30</b>	10
1/2"	1/2"	steel	150 CFM	<b>DC10</b>	<b>31.20</b>	10
1/2"	3/4"	steel	150 CFM	<b>DC1026</b>	<b>41.00</b>	10

F

semi-automatic  
pull sleeve to connect



### 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	<b>DC101</b>	<b>\$14.15</b>	10
1/4"	1/4"	brass	37 CFM	<b>DC1</b>	<b>11.05</b>	10
1/4"	3/8"	brass	37 CFM	<b>DC103</b>	<b>14.10</b>	10
3/8"	1/4"	steel	70 CFM	<b>DC7</b>	<b>23.15</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC5</b>	<b>22.50</b>	10
3/8"	1/2"	steel	70 CFM	<b>DC504</b>	<b>27.80</b>	10
1/2"	3/8"	steel	150 CFM	<b>DC903</b>	<b>31.25</b>	10
1/2"	1/2"	steel	150 CFM	<b>DC9</b>	<b>27.45</b>	10
1/2"	3/4"	steel	150 CFM	<b>DC906</b>	<b>36.90</b>	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	<b>DC242</b>	<b>\$15.05</b>	10
1/4"	5/16"	brass	37 CFM	<b>DC243</b>	<b>11.60</b>	10
1/4"	3/8"	brass	37 CFM	<b>DC244</b>	<b>15.45</b>	10
3/8"	1/4"	steel	70 CFM	<b>DC642</b>	<b>26.24</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC644</b>	<b>24.50</b>	10
3/8"	1/2"	steel	70 CFM	<b>DC645</b>	<b>27.30</b>	10
1/2"	3/8"	steel	150 CFM	<b>DC1044</b>	<b>35.60</b>	10
1/2"	1/2"	steel	150 CFM	<b>DC1045</b>	<b>33.45</b>	10
1/2"	3/4"	steel	150 CFM	<b>DC1046</b>	<b>35.30</b>	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	<b>DC242L</b>	<b>\$14.70</b>	25
1/4"	3/8"	brass	37 CFM	<b>DC244L</b>	<b>15.45</b>	25
3/8"	3/8"	steel	70 CFM	<b>DC644L</b>	<b>26.30</b>	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	<b>DCP38</b>	<b>\$3.15</b>	10
1/4"	3/8"	steel	37 CFM	<b>DCP3823</b>	<b>8.25</b>	10
3/8"	3/8"	steel	70 CFM	<b>DCP36</b>	<b>9.70</b>	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	<b>DCP37</b>	<b>\$3.00</b>	10
1/4"	3/8"	steel	37 CFM	<b>DCP3703</b>	<b>6.45</b>	10
3/8"	3/8"	steel	70 CFM	<b>DCP35</b>	<b>8.70</b>	25



F

**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	<b>DCP3742</b>	<b>\$5.35</b>	10
1/4"	3/8"	steel	37 CFM	<b>DCP3744</b>	<b>5.06</b>	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	<b>DCP3742L</b>	<b>\$6.50</b>	25
1/4"	3/8"	steel	37 CFM	<b>DCP3744L</b>	<b>10.40</b>	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	<b>DC38</b>	<b>\$11.95</b>	10
1/4"	3/8"	brass	37 CFM	<b>DC3823</b>	<b>15.85</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC36</b>	<b>35.35</b>	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	<b>DC37</b>	<b>\$12.90</b>	10
1/4"	3/8"	brass	37 CFM	<b>DC3703</b>	<b>16.15</b>	10
3/8"	3/8"	steel	70 CFM	<b>DC35</b>	<b>32.25</b>	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	<b>DC3842</b>	<b>\$19.60</b>	10
1/4"	3/8"	steel	37 CFM	<b>DC3844</b>	<b>23.30</b>	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	<b>DC3842L</b>	<b>\$15.30</b>	25
1/4"	3/8"	brass	37 CFM	<b>DC3844L</b>	<b>15.75</b>	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	<b>A1F1-B</b>	<b>\$7.82</b>	20
1/4"	1/4"	brass	25 CFM	<b>A2F2-B</b>	<b>7.82</b>	20



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#### 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	<b>A1M1-B</b>	<b>\$7.82</b>	20
1/4"	1/4"	brass	25 CFM	<b>A2M2-B</b>	<b>7.82</b>	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	<b>A1S1-B</b>	<b>\$7.82</b>	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	<b>1AF1-B</b>	<b>\$25.48</b>	20
1/4"	1/4"	brass	25 CFM	<b>2AF2-B</b>	<b>26.64</b>	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	<b>1AM1-B</b>	<b>\$25.48</b>	20
1/4"	1/4"	brass	25 CFM	<b>2AM2-B</b>	<b>26.64</b>	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	<b>1AS1-B</b>	<b>\$27.80</b>	20
1/4"	1/4"	brass	25 CFM	<b>2AS2-B</b>	<b>28.95</b>	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	<b>UDC20</b>	<b>\$18.11</b>
1/4"	3/8"	brass	37 CFM	<b>UDC2023</b>	<b>18.76</b>



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### Male Pipe Thread

Body Size	Male NPT	Material	Flow Rating at 100 PSI	Part #	Price/E
1/4"	1/4"	brass	37 CFM	<b>UDC21</b>	<b>\$18.11</b>
1/4"	3/8"	brass	37 CFM	<b>UDC2103</b>	<b>19.84</b>



### Standard Hose Barb

Body Size	Hose ID	Material	Flow Rating at 100 PSI	Part #	Price/E
1/4"	1/4"	brass	37 CFM	<b>UDC2042</b>	<b>\$19.23</b>
1/4"	3/8"	brass	37 CFM	<b>UDC2044</b>	<b>19.84</b>



## 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	<b>DCP28</b>	<b>\$8.00</b>	<b>10</b>



### 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	<b>DCP27</b>	<b>\$6.55</b>	<b>10</b>



## 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	<b>DC28</b>	<b>\$18.65</b>	<b>10</b>



### 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	<b>DC27</b>	<b>\$19.30</b>	<b>10</b>



## Dixon™ Keychain


**Feature:**

- halves separate like a coupler and plug

Plated Steel Part #	Price/E
<b>DKC1</b>	<b>\$20.95</b>

## 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"	<b>ASP-1BV</b>	<b>\$2.50</b>
1/4"	5/8"	<b>ASP-2BV</b>	<b>2.60</b>
3/8"	3/4"	<b>ASP-3BV</b>	<b>3.75</b>
1/2"	7/8"	<b>ASP-4BV</b>	<b>5.50</b>
3/4"	1"	<b>ASP-6BV</b>	<b>8.90</b>
1"	1-5/16"	<b>ASP-8BV</b>	<b>17.20</b>

## 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"	<b>CMF18</b>	<b>\$3.60</b>
1/4"	1 3/8"	<b>CMF28</b>	<b>4.30</b>
3/8"	1 1/2"	<b>CMF38</b>	<b>5.60</b>
1/2"	1 7/8"	<b>CMF48</b>	<b>8.65</b>
3/4"	2 1/4"	<b>CMF68</b>	<b>14.30</b>
1"	2 7/8"	<b>CMF88</b>	<b>20.50</b>

## 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



aluminum



brass

NPT Thread	Approximate Full Operating Height	Maximum Adjusted SCFM	2011T3 Aluminum <sup>1</sup>		Brass	
			Part #	Price/E	Part #	Price/E
1/8"	1-5/16"	20	<b>ASCM18</b>	<b>\$8.00</b>	<b>SCM18</b>	<b>\$6.55</b>
1/4"	1-9/16"	30	---	---	<b>SCM28</b>	<b>7.55</b>
3/8"	1-5/8"	40	---	---	<b>SCM38</b>	<b>10.90</b>
1/2"	2"	60	<b>ASCM48</b>	<b>17.20</b>	<b>SCM48</b>	<b>16.90</b>
3/4"	2-3/8"	70	<b>ASCM68</b>	<b>34.50</b>	<b>SCM68</b>	<b>22.50</b>
1"	2-1/2"	100	---	---	<b>SCM88</b>	<b>41.00</b>

<sup>1</sup> stock quantity only

## 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: **150°F**

Female NPT Inlet	Outlet	Aluminum	
		Part #	Price/E
¼"	¼" female NPT	<b>ML200</b>	<b>\$75.25</b>
¼"	¼" male NPT	<b>ML200M</b>	<b>75.25</b>
⅜"	⅜" male NPT	<b>ML300M</b>	<b>75.25</b>



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## 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"	<b>MF200</b>	<b>\$44.90</b>



Description	Part #	Price/E
replacement element	<b>FRP-95-199</b>	<b>\$14.00</b>

## 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"	1½"	.46	<b>9076M</b>	<b>\$75.00</b>



## 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"	<b>R46-200RG</b>	<b>\$65.55</b>	¼"	<b>R46-200R</b>	<b>\$48.85</b>



## Anti-Freeze Lubricants



1 pint

1 gallon

**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	<b>DATL016W</b>	<b>\$27.75</b>	12
1 gallon	<b>DATL128W</b>	<b>167.00</b>	4

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## Air Tool Lubricants



1 pint

1 gallon

**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 136

Size	Part #	Price/E	Opt Qty
1 pint	<b>DATL016</b>	<b>\$17.20</b>	12
1 gallon	<b>DATL128</b>	<b>74.00</b>	4

## Valves

### Button



Thread	Brass	
	Part #	Price/E
¼" NPT female	<b>BV2F</b>	<b>\$24.75</b>
¼" NPT male	<b>BV2M</b>	<b>24.75</b>

### Tank Filler



TFV1S

TFV1L

TFV2

TFV2HB

**Application:**

- used on compressed air tanks and other applications

**Feature:**

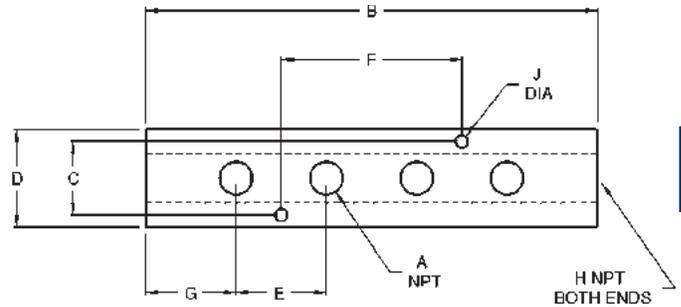
- standard valve stem thread

Connection	Length	Material	Part #	Price/E
⅛" NPT	.85"	<i>nickel plated</i>	<b>TFV1S</b>	<b>\$5.10</b>
⅛" NPT	1.24"	<i>brass</i>	<b>TFV1L</b>	<b>6.30</b>
¼" NPT	1"	<i>nickel plated</i>	<b>TFV2</b>	<b>5.95</b>
¼" barb	1.57"	<i>brass</i>	<b>TFV2HB</b>	<b>8.45</b>

## 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 342



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### Dimensions

Aluminum		A	B	C	D	E	F	G	H	J
Part #	Price/E									
<b>AMF32</b>	<b>\$74.10</b>	1/4"	7 5/8"	7/8"	1 1/4"	1 7/8"	3 3/4"	1"	3/8"	.20"
<b>AMF42</b>	<b>74.10</b>	1/4"	7 5/8"	1 1/8"	1 1/2"	1 7/8"	3 3/4"	1"	1/2"	.20"
<b>AMF43</b>	<b>74.10</b>	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"	<b>D3404</b>	<b>\$18.55</b>
3/8"	1/4"	<b>D3406</b>	<b>17.80</b>
1/2"	1/4"	<b>D3408</b>	<b>18.55</b>

## 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"	<b>3122</b>	<b>\$20.00</b>
3/8"	1/4"	<b>3132</b>	<b>23.75</b>
3/8"	3/8"	<b>3133</b>	<b>27.50</b>

## Safety Pop-Off Valves

### Applications:

- for use on compressors and in compressed air service

### Features:

- designed to protect un-fired pressure vessels from over-pressure
- ASME Code, National Board Certified
- CSA B51-03 certified
- maximum temperature: **400°F (204°C)**

### Soft Seat Safety Pop-Off Valves

#### Feature:

- constructed of precision machined brass bar stock with a silicone disc sealing on the brass



¼" male NPT

Preset Pressure PSI	SCFM	Brass	
		Part #	Price/E
100	51	<b>KSV10-100</b>	<b>\$16.40</b>
125	62	<b>KSV10-125</b>	<b>16.40</b>
150	73	<b>KSV10-150</b>	<b>16.40</b>
175	84	<b>KSV10-175</b>	<b>16.40</b>

### Standard Safety Pop-Off Valves

#### Features:

- brass valves are supplied with a stainless steel ball
- stainless valves are all stainless construction with a soft seat



¼" male NPT

Preset Pressure PSI	Brass		SCFM	Stainless Steel		SCFM
	Part #	Price/E		Part #	Price/E	
30	<b>SV30</b>	<b>\$35.75</b>	35	<b>SV30SS</b>	<b>\$198.00</b>	35
100	<b>SV100</b>	<b>35.75</b>	89	<b>SV100SS</b>	<b>198.00</b>	92
125	<b>SV125</b>	<b>35.75</b>	109	<b>SV125SS</b>	<b>198.00</b>	112
150	<b>SV150</b>	<b>35.75</b>	129	<b>SV150SS</b>	<b>198.00</b>	132
175	<b>SV175</b>	<b>35.75</b>	149	<b>SV175SS</b>	<b>198.00</b>	153
200	<b>SV200</b>	<b>35.75</b>	168	<b>SV200SS</b>	<b>198.00</b>	173

### Heavy Duty, High Capacity Safety Pop-Off Valves

#### Feature:

- all brass construction with stainless steel ball on a precision machined brass seat



½" male NPT

Preset Pressure PSI	SCFM	Brass	
		Part #	Price/E
30	73	<b>SV30HD<sup>1</sup></b>	<b>\$84.20</b>
100	208	<b>SV100HD</b>	<b>84.20</b>
125	254	<b>SV125HD</b>	<b>84.20</b>
150	300	<b>SV150HD</b>	<b>84.20</b>
175	346	<b>SV175HD</b>	<b>84.20</b>
200	391	<b>SV200HD</b>	<b>84.20</b>

<sup>1</sup> constructed with soft seat

## Brass Lever External Drains

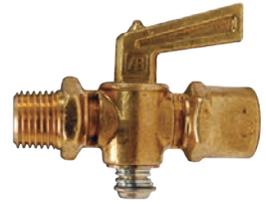
**Application:**

- for air service only 

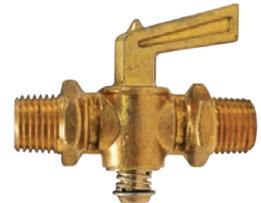
**Feature:**

- maximum operating pressure: **30 PSI** at ambient temperature (70°F)

Female NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	<b>LDC2</b>		<b>\$32.00</b>



Male NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	<b>LDCM2</b>		<b>\$35.50</b>



Female NPT	Female NPT	Part #	Brass	Price/E
1/4"	1/4"	<b>LDCF2</b>		<b>\$34.00</b>



## 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"	<b>D02</b>		<b>\$3.50</b>
1/4"	<b>D04</b>		<b>5.05</b>



## 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"	<b>NV2F</b>		<b>\$16.30</b>
1/4"	1/4"	<b>NV4F</b>		<b>24.25</b>



Male NPT	Male NPT	Part #	Brass	Price/E
1/4"	1/4"	<b>NV4M</b>		<b>\$22.50</b>



## 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 429



F

Female NPT	Brass	
	Part #	Price/E
1/8"	<b>BFC200</b>	<b>\$97.75</b>
1/4"	<b>BFC400</b>	<b>104.35</b>
3/8"	<b>BFC600</b>	<b>135.60</b>
1/2"	<b>BFC800</b>	<b>191.85</b>
3/4"	<b>BFC1200</b>	<b>319.50</b>
1"	<b>BFC1600</b>	<b>1308.50</b>

### 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 429



Female NPT	Brass	
	Part #	Price/E
1/8"	<b>BPF200</b>	<b>\$67.30</b>
1/4"	<b>BPF400</b>	<b>82.00</b>
3/8"	<b>BPF600</b>	<b>107.20</b>
1/2"	<b>BPF800</b>	<b>146.10</b>

### Series N

**Features:**

- for use as speed control on hydraulic and 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 429



Female NPT	Brass	
	Part #	Price/E
1/8"	<b>BN200</b>	<b>\$93.55</b>
1/4"	<b>BN400</b>	<b>93.55</b>
3/8"	<b>BN600</b>	<b>125.60</b>
1/2"	<b>BN800</b>	<b>175.55</b>
3/4"	<b>BN1200</b>	<b>360.50</b>
1"	<b>BN1600</b>	<b>1511.35</b>

## 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 429



Female NPT	Free Flow GPM	Brass	
		Part #	Price/E
1/8"	3	<b>BCV200</b>	<b>\$58.35</b>
1/4"	5	<b>BCV400</b>	<b>54.65</b>
3/8"	8	<b>BCV600</b>	<b>85.15</b>
1/2"	15	<b>BCV800</b>	<b>109.85</b>

## 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



F

Part #	Price/E
<b>D204-30</b>	<b>\$20.10</b>

### 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
<b>D204-30P</b>	<b>\$20.85</b>

### 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
<b>D204-30SB</b>	<b>\$23.90</b>

## 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
<b>D605</b>	<b>\$18.95</b>

### 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
<b>D201</b>	<b>\$22.45</b>

## Blow Gun Extensions

### Features:

- supplied with ½" 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"	<b>BGE6</b>	<b>\$14.70</b>
10"	<b>BGE10</b>	<b>18.40</b>
12"	<b>BGE12</b>	<b>19.90</b>
18"	<b>BGE18</b>	<b>30.35</b>
24"	<b>BGE24</b>	<b>33.25</b>

## 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
<b>SST10</b>	<b>\$3.25</b>


**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
<b>D201RT</b>	<b>\$8.25</b>



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## 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
<b>9000-48S</b>	<b>\$418.00</b>



### 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
<b>9000-MJ</b>	<b>\$424.35</b>



## 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.* 

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### Blow Guns with Safety Tip

### Features:

- 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
<b>HTBG</b>	gun with <i>no</i> extension	<b>\$64.95</b>
<b>HTBG6</b>	gun with 6" extension	<b>66.50</b>
<b>HTBG12</b>	gun with 12" extension	<b>69.35</b>
<b>HTBG24</b>	gun with 24" extension	<b>74.55</b>
<b>HTBG36</b>	gun with 36" extension	<b>81.80</b>

### Blow Gun with Quiet Conical Tip



### Feature:

- 6.0 CFM

Part #	Description	Price/E
<b>HTBG-CT</b>	gun with tip only	<b>\$56.95</b>

### Accessories

Part #	Description	Material	Price/E	Part #	Description	Material	Price/E
<b>HTBG6EXT</b>	6" extension with safety tip	aluminum	<b>\$41.40</b>	<b>HTBGS</b>	safety tip	aluminum	<b>\$29.00</b>
<b>HTBG12EXT</b>	12" extension with safety tip	aluminum	<b>44.55</b>	<b>HTBGC</b>	conical tip	aluminum	<b>29.50</b>
<b>HTBG24EXT</b>	24" extension with safety tip	aluminum	<b>50.50</b>	<b>HTBGA</b>	tip adapter	aluminum	<b>8.00</b>
<b>HTBG36EXT</b>	36" extension with safety tip	aluminum	<b>56.45</b>	<b>DC41</b>	high flow female coupler	brass	<b>16.15</b>
				<b>DCP41</b>	high flow male plug	brass	<b>3.44</b>

### High Volume Typhoon Blow Guns

### Features:

- chrome plated aluminum body
- variable flow control
- 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
<b>TYP2501-12</b>	gun with 12" extension	<b>\$90.85</b>
<b>TYP2501-24</b>	gun with 24" extension	<b>95.75</b>
<b>TYP2501-36</b>	gun with 36" extension	<b>104.15</b>

## 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
- 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
<b>PG700</b>	<b>\$57.90</b>

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## 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
- 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
<b>ENBG1</b>	<b>\$38.55</b>

## 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**



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Hose ID	Length	Male NPT	Part #	Price/E
1/4"	50'	1/4"	<b>450-4S</b>	<b>\$81.50</b>
3/8"	50'	1/4"	<b>650-4S</b>	<b>157.00</b>
3/8"	50'	3/8"	<b>650-6S</b>	<b>161.00</b>

## 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



Hose ID	Length	Male NPT	Part #	Working Pressure (PSI)	Price/E
1/4"	10'	1/4"	<b>PU1410</b>	145	<b>\$51.00</b>
1/4"	15'	1/4"	<b>PU1415</b>	145	<b>56.50</b>
1/4"	25'	1/4"	<b>PU1425</b>	145	<b>63.50</b>
3/8"	15'	3/8"	<b>PU3815</b>	135	<b>90.00</b>
3/8"	20'	3/8"	<b>PU3820</b>	135	<b>101.00</b>
3/8"	25'	3/8"	<b>PU3825</b>	135	<b>113.00</b>
3/8"	50'	3/8"	<b>PU3850</b>	135	<b>214.00</b>
1/2"	15'	1/2"	<b>PU1215</b>	155	<b>154.00</b>

## Repair Kits



Tubing Size		Size	Type	Part #	Price/E
ID	OD				
1/4"	3/8"	1/4"	swivel male	<b>PSM0404</b>	<b>\$11.60</b>
3/8"	9/16"	1/4"	swivel male	<b>PSM0604</b>	<b>15.90</b>

## Coil-Chief Self-Storing Air Hose

*fittings included*

**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	<b>CC1412</b>	<b>\$35.80</b>
1/4"	25'	1/4"	185	<b>CC1425</b>	<b>52.50</b>
1/4"	50'	1/4"	185	<b>CC1450</b>	<b>88.40</b>
3/8"	25'	3/8"	165	<b>CC3825</b>	<b>89.00</b>
3/8"	50'	3/8"	165	<b>CC3850</b>	<b>153.00</b>
1/2"	25'	1/2"	170	<b>CC1225</b>	<b>176.00</b>
1/2"	50'	1/2"	170	<b>CC1250</b>	<b>268.00</b>



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### bulk hose - no fittings

**Feature:**

- needs assembly kits for ends

Hose ID	Length	Part #	Price/E
1/4"	100'	<b>CC14100B</b>	<b>\$137.00</b>
3/8"	100'	<b>CC38100B</b>	<b>266.00</b>
1/2"	100'	<b>CC12100B</b>	<b>440.00</b>



### Assembly Kits

**Feature:**

- kits include fittings, nut, insert, ferrule and spring guard

Size	Fitting Type	Part #	Price/E
1/4"	rigid male	<b>RK090</b>	<b>\$7.50</b>
1/4"	swivel male	<b>RK092</b>	<b>10.10</b>
3/8"	rigid male	<b>RK110</b>	<b>10.70</b>
3/8"	swivel male	<b>RK112</b>	<b>14.40</b>
1/2"	rigid male	<b>RK118</b>	<b>23.60</b>
1/2"	swivel male	<b>RK119</b>	<b>30.00</b>



RK110 assembly kit

## 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
<b>D101</b>	<b>\$100.20</b>

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### 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
<b>D150</b>	<b>\$74.50</b>

### 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 1 PSI increments from **5 to 45 PSI**

Part #	Price/E
<b>DFG5</b>	<b>\$12.50</b>

### Dual Foot Gauges


**Features:**

- handy pocket clip
- calibrated in 2 PSI increments from **20 to 120 PSI**

Part #	Price/E
<b>DFG1</b>	<b>\$17.70</b>


**Features:**

- heavy duty hang-up ring
- calibrated in 2 PSI increments from **10 to 150 PSI**

Part #	Price/E
<b>DFG2</b>	<b>\$35.80</b>

### 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 **150 PSI**

Part #	Price/E	Opt Qty
<b>D104</b>	<b>\$8.40</b>	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"	<b>D444S</b>	<b>\$21.15</b>	25
3/8"	1/4"	<b>D446S</b>	<b>15.60</b>	25



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## 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"	<b>D444SL</b>	<b>\$16.50</b>	25
3/8"	1/4"	<b>D446SL</b>	<b>17.20</b>	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	Part #	Price/E
3/8"	1/2"	<b>SV17</b>	<b>\$72.30</b>
1/2"	1/2"	<b>SV20</b>	<b>74.10</b>
3/4"	3/4"	<b>SV26</b>	<b>75.60</b>


**Features:**

- for air service only 
- rated to **150 PSI** at ambient temperature (70°F)

Male NPT	Female NPT	Part #	Price/E
1/4"	1/4"	<b>D344R</b>	<b>\$10.50</b>
3/8"	3/8"	<b>D366R</b>	<b>22.75</b>



## 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



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Description	Steel		Opt Qty
	Part #	Price/E	
⅞" - 24 thread x ½" hose barb	<b>ATS7812H</b>	<b>\$51.50</b>	50
½" NPT thread x ½" hose barb	<b>ATS1212H</b>	<b>51.50</b>	50

### 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	<b>ATS7838F</b>	<b>\$78.00</b>	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	<b>ATS7838M</b>	<b>\$51.50</b>	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	
	Part #	Price/E
¼"	<b>D344U</b> <sup>1</sup>	<b>\$51.50</b>
⅜"	<b>D346U</b>	<b>142.50</b>
½"	<b>D348U</b>	<b>184.50</b>

<sup>1</sup> D344U is a non-marring composite.

## Spring Driven Hose Reels

### Reelcraft® 5000 Series

**Features:**

- reel inlet  $\frac{3}{8}$ " 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
$\frac{1}{4}$ "	50'	air / water	<b>300</b>	26	<b>5450LP</b>	<b>\$765.00</b>
$\frac{3}{8}$ "	35'	air / water	<b>300</b>	25	<b>5635LP</b>	<b>726.75</b>
$\frac{3}{8}$ "	50'	air / water	<b>300</b>	37	<b>5650LP</b>	<b>878.00</b>

**without hose**

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
50' of $\frac{1}{4}$ " or 35' of $\frac{3}{8}$ "	air / water	<b>500</b>	21	<b>5600LP</b>	<b>\$625.00</b>
50' of $\frac{3}{8}$ "	air / water	<b>500</b>	31	<b>5605LP</b>	<b>730.00</b>



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## Reelcraft® 7000 Series

**Features:**

- all steel construction
- LP Low Pressure reels:
  - maximum temperature **150°F**
  - reel inlet  $\frac{1}{2}$ " NPTF
  - PVC hose is standard
- MP Medium Pressure reels:
  - maximum temperature **210°F**
  - reel inlet  $\frac{1}{2}$ " NPTF
  - SAE 100 R1T 1-wire braid hose available
- HP High Pressure reels:
  - maximum temperature **210°F**
  - reel inlet  $\frac{1}{4}$ " NPTF
  - SAE 100 R2T 2-wire braid hose available

**with hose**

Hose ID	Hose Length	Service	PSI	Weight Lbs.	Part #	Price/E
$\frac{3}{8}$ "	70'	air / water	<b>300</b>	50	<b>7670LP</b>	<b>\$1158.80</b>
$\frac{1}{2}$ "	50'	air / water	<b>300</b>	51	<b>7850LP</b>	<b>1132.50</b>

**without hose**

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
70' of $\frac{3}{8}$ " , 50' of $\frac{1}{2}$ "	air / water	<b>500</b>	43	<b>7800LP</b>	<b>\$911.00</b>
50' of $\frac{3}{8}$ " or 50' of $\frac{1}{2}$ "	oil	<b>3000</b>	44	<b>7800MP</b>	<b>1060.00</b>
50' of $\frac{1}{4}$ " or 50' of $\frac{3}{8}$ "	grease	<b>5000</b>	46	<b>7600HP</b>	<b>1224.50</b>



## Reelcraft® 80000 Series

**Features:**

- reel inlet  $\frac{3}{4}$ " 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

**with hose**

Hose ID	Hose Length	Service	PSI	Weight Lbs.	Part #	Price/E
$\frac{1}{2}$ "	75'	air / water	<b>300</b>	90	<b>82075LP</b>	<b>\$1738.00</b>
$\frac{1}{2}$ "	100'	air / water	<b>300</b>	99	<b>82100LP</b>	<b>1804.50</b>
$\frac{3}{4}$ "	50'	air / water	<b>250</b>	89	<b>83050LP</b>	<b>1738.00</b>

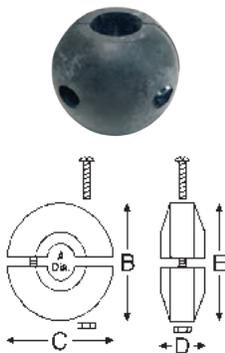
**without hose**

Hose Capacity	Service	PSI	Weight Lbs.	Part #	Price/E
50' of $\frac{3}{4}$ " or 100' of $\frac{1}{2}$ "	air / water	<b>500</b>	74	<b>83000LP</b>	<b>\$1530.00</b>



see next page for bumper stops, consult Dixon™ for uses other than stated services

## Adjustable Hose Bumper Stops



Hose ID	Hose OD		Dimensions		Reel Series Used On	Part #	Price/E
	From:	To:	B,C,E	D			
1/4"	.438"	.625"	2 1/2"	1 1/4"	5000 series	<b>1-HR1004A</b>	<b>\$31.00</b>
3/8"	.625"	.749"	2 1/2"	1 1/4"	5000 series	<b>1-HR1004</b>	<b>31.00</b>
3/8"	.625"	.749"	3"	1 1/4"	7000 series	<b>1-HR1004-3</b>	<b>31.00</b>
1/2" or 3/8" 2-wire	.750"	1.050"	3"	1 1/4"	7000 series	<b>2-HR1004-3</b>	<b>31.00</b>
3/4"	1.060"	1.300"	3"	1 1/4"	7000 series	<b>3-HR1004-3</b>	<b>31.00</b>
1/2"	.750"	1.050"	3 1/2"	2 7/8"	9000 series	<b>2-HR1005</b>	<b>72.00</b>
3/4"	1.060"	1.380"	3 1/2"	2 7/8"	9000 series	<b>3-HR1005</b>	<b>72.00</b>
1"	1.390"	1.550"	3 1/2"	2 7/8"	9000 series	<b>4-HR1005</b>	<b>72.00</b>

- adjustable hose bumper stops are not included on hose reels ordered without hose, order separately

## 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
- 1/2" inlet

## without hose

Hose ID	Hose Capacity	Spool Width	PSI	Weight Lbs.	Part #	Price/E
3/4"	100'	12"	1000	46	<b>C33112L</b>	<b>\$814.50</b>
1/2"	200'	12"	3000	46	<b>C32112M</b>	<b>701.00</b>

## 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			
1 1/2" - 1 3/4"	50'	---	---	---	<b>HR1610-3</b>	<b>\$110.65</b>
1 1/2" - 1 3/4"	100'	---	---	---	<b>HR1610-6</b>	<b>130.15</b>
1 1/2" - 2 1/2"	200'	150'	100'	7.8	<b>HR1610</b>	<b>162.80</b>
2" - 2 1/2"	50'	---	---	---	<b>HR1610-4</b>	<b>119.45</b>

## Instrumentation Fittings

### Applications:

- high pressure
- high temperature
- nitrogen
- helium
- flammable gases
- hydraulic gases
- corrosive media
- pneumatic automation

### 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.

### Suggested Working Pressures (PSI)

wall thk.	.028	.035	.049	.065	.083	.095	.109
¼"	<b>4,000</b>	<b>5,100</b>	<b>7,500</b>	<b>10,100</b>	---	---	---
⅜"	---	<b>3,300</b>	<b>4,700</b>	<b>6,600</b>	---	---	---
½"	---	<b>2,600</b>	<b>3,700</b>	<b>5,000</b>	<b>6,600</b>	---	---
⅝"	---	---	<b>2,900</b>	<b>3,900</b>	<b>5,200</b>	<b>6,000</b>	---
¾"	---	---	<b>2,400</b>	<b>3,200</b>	<b>4,200</b>	<b>4,900</b>	<b>5,700</b>

### Features:

- Instrumentation fittings come completely assembled.
- fully interchangeable with Swagelok® and Parker A-Lok®. all fittings are ASTM F 1387 Certified
- 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.

F

## Male Connectors

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
⅛"	⅛"-27	200-1-2	<b>2-DMC-2</b>	<b>\$15.90</b>	10
	¼"-18	200-1-4	<b>2-DMC-4</b>	<b>16.80</b>	10
¼"	⅛"-27	400-1-2	<b>4-DMC-2</b>	<b>15.20</b>	10
	¼"-18	400-1-4	<b>4-DMC-4</b>	<b>16.55</b>	10
	⅜"-18	400-1-6	<b>4-DMC-6</b>	<b>18.65</b>	10
	½"-14	400-1-8	<b>4-DMC-8</b>	<b>24.75</b>	10
⅜"	¼"-18	600-1-4	<b>6-DMC-4</b>	<b>19.50</b>	10
	⅜"-18	600-1-6	<b>6-DMC-6</b>	<b>22.05</b>	10
	½"-14	600-1-8	<b>6-DMC-8</b>	<b>26.55</b>	10
½"	¼"-18	810-1-4	<b>8-DMC-4</b>	<b>28.90</b>	10
	⅜"-18	810-1-6	<b>8-DMC-6</b>	<b>29.70</b>	10
	½"-14	810-1-8	<b>8-DMC-8</b>	<b>33.10</b>	10
⅝"	½"-14	1010-1-8	<b>10-DMC-8</b>	<b>44.85</b>	10
¾"	½"-14	1210-1-8	<b>12-DMC-8</b>	<b>60.40</b>	10
	¾"	1210-1-12	<b>12-DMC-12</b>	<b>60.40</b>	10
	1"	1210-1-16	<b>12-DMC-16</b>	<b>83.00</b>	10
1"	¾"	1610-1-12	<b>16-DMC-12</b>	<b>105.00</b>	10
	1"	1610-1-16	<b>16-DMC-16</b>	<b>138.00</b>	10



## Female Connectors

Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
⅛"	⅛"-27	200-7-2	<b>2-DFC-2</b>	<b>\$18.90</b>	10
¼"	⅛"-27	400-7-2	<b>4-DFC-2</b>	<b>18.70</b>	10
	¼"-18	400-7-4	<b>4-DFC-4</b>	<b>23.10</b>	10
⅜"	¼"-18	600-7-4	<b>6-DFC-4</b>	<b>23.95</b>	10
	½"-14	600-7-8	<b>6-DFC-8</b>	<b>41.50</b>	10
½"	½"-14	810-7-8	<b>8-DFC-8</b>	<b>46.25</b>	10
⅝"	½"	1010-7-8	<b>10-DFC-8</b>	<b>54.00</b>	10
¾"	½"	1210-7-8	<b>12-DFC-8</b>	<b>62.00</b>	10
	¾"	1210-7-12	<b>12-DFC-12</b>	<b>73.00</b>	10
1"	1"	1610-7-16	<b>16-DFC-16</b>	<b>134.00</b>	10



## Instrumentation Fittings

## Unions



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8" x 1/8"	200-6	<b>2-DU</b>	<b>\$22.75</b>	10
1/4" x 1/8"	400-6-2	<b>4-DU-2</b>	<b>24.00</b>	10
1/4" x 1/4"	400-6	<b>4-DU</b>	<b>23.85</b>	10
3/8" x 1/4"	600-6-4	<b>6-DU-4</b>	<b>33.10</b>	10
3/8" x 3/8"	600-6	<b>6-DU</b>	<b>33.10</b>	10
1/2" x 1/2"	810-6	<b>8-DU</b>	<b>50.00</b>	10
5/8" x 5/8"	1010-6	<b>10-DU</b>	<b>72.00</b>	10
3/4" x 3/4"	1210-6	<b>12-DU</b>	<b>97.00</b>	10
1" x 1"	1610-6	<b>16-DU</b>	<b>190.00</b>	10

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## Bulkhead Unions



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-61	<b>4-DBHU-4</b>	<b>\$32.85</b>	10
3/8"	600-61	<b>6-DBHU-6</b>	<b>47.55</b>	10
1/2"	810-61	<b>8-DBHU-8</b>	<b>75.90</b>	10
5/8"	1010-61	<b>10-DBHU-10</b>	<b>98.00</b>	10
3/4"	1210-16	<b>12-DBHU-12</b>	<b>124.00</b>	10
1"	1610-16	<b>16-DBHU-16</b>	<b>242.00</b>	10

## Reducers



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4" x 1/8"	400-R-2	<b>4-DRATT-2</b>	<b>\$24.50</b>	10
3/8" x 1/4"	600-R-4	<b>6-DRATT-4</b>	<b>24.50</b>	10
3/8" x 1/2"	600-R-8	<b>6-DRATT-8</b>	<b>25.25</b>	10
1/2" x 3/4"	810-R-12	<b>8-DRATT-12</b>	<b>32.05</b>	10
3/4" x 1/2"	1210-R-8	<b>12-DRATT-8</b>	<b>62.25</b>	10
3/4" x 1"	1210-R-16	<b>12-DRATT-16</b>	<b>68.00</b>	10

## Male Elbows



Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/8"-27	400-2-2	<b>4-DME-2</b>	<b>\$28.30</b>	10
	1/4"-18	400-2-4	<b>4-DME-4</b>	<b>28.30</b>	10
3/8"	1/4"-18	600-2-4	<b>6-DME-4</b>	<b>33.95</b>	10
	3/8"-18	600-2-6	<b>6-DME-6</b>	<b>40.75</b>	10
1/2"	1/2"-14	810-2-8	<b>8-DME-8</b>	<b>59.95</b>	10
3/4"	1/2"-14	1210-2-8	<b>12-DME-8</b>	<b>92.45</b>	10
	3/4"	1210-2-12	<b>12-DME-12</b>	<b>103.10</b>	10
1"	3/4"	1610-2-12	<b>16-DME-12</b>	<b>206.00</b>	10
	1"	1610-2-16	<b>16-DME-16</b>	<b>186.00</b>	10

## Female Elbows



Tube OD	Female NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/4"	1/4"-18	400-8-2	<b>4-DFE-2</b>	<b>\$40.70</b>	10
3/8"	1/4"-18	600-8-4	<b>6-DFE-4</b>	<b>41.35</b>	10
1/2"	1/2"-14	810-8-8	<b>8-DFE-8</b>	<b>80.00</b>	10
3/4"	1/2"	1210-8-8	<b>12-DFE-8</b>	<b>120.00</b>	10
3/4"	3/4"	1210-8-12	<b>12-DFE-12</b>	<b>163.00</b>	10
1"	1"	1610-8-16	<b>16-DFE-16</b>	<b>276.00</b>	10

## Instrumentation Fittings

## Union Elbows

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-9	<b>4-DELU-4</b>	<b>\$38.70</b>	10
3/8"	600-9	<b>6-DELU-6</b>	<b>43.50</b>	10
1/2"	810-9	<b>8-DELU-8</b>	<b>65.10</b>	10
5/8"	1010-9	<b>10-DELU-10</b>	<b>97.00</b>	10
3/4"	1210-9	<b>12-DELU-12</b>	<b>130.00</b>	10
1"	1610-9	<b>16-DELU-16</b>	<b>256.00</b>	10



## Male Branch Tees

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/8"	1/8"-27	200-3TTM	<b>2-DTTM-2</b>	<b>\$49.00</b>	10
1/4"	1/4"-18	400-3-4TTM	<b>4-DTTM-4</b>	<b>56.00</b>	10
1/2"	3/8"	810-3TTM	<b>8-DTTM-6</b>	<b>90.00</b>	10
1/2"	1/2"	810-3-8TTM	<b>8-DTTM-8</b>	<b>96.00</b>	10
3/4"	1/2"	1210-3-8TTM	<b>12-DTTM-8</b>	<b>294.00</b>	10
3/4"	3/4"	1210-3TTM	<b>12-DTTM-12</b>	<b>151.00</b>	10
1"	3/4"	1610-3-12TTM	<b>16-DTTM-12</b>	<b>560.00</b>	10
1"	1"	1610-3-16TTM	<b>16-DTTM-16</b>	<b>650.00</b>	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	<b>4-DTTF-4</b>	<b>\$65.00</b>	10



## Union Tees

Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-3	<b>4-DTTT-4</b>	<b>\$55.20</b>	10
3/8"	600-3	<b>6-DTTT-6</b>	<b>76.20</b>	10
1/2"	810-3	<b>8-DTTT-8</b>	<b>109.10</b>	10
5/8"	1010-3	<b>10-DTTT-10</b>	<b>145.00</b>	10
3/4" X 3/8"	1210-3-12-6	<b>12-DTTT-6</b>	<b>235.00</b>	10
3/4" X 1/2"	1210-3-12-8	<b>12-DTTT-8</b>	<b>235.00</b>	10
3/4"	1210-3	<b>12-DTTT-12</b>	<b>191.00</b>	10
1" X 3/4"	1610-3-12-16	<b>16-DTTT-12</b>	<b>500.00</b>	10
1"	1610-3	<b>16-DTTT-16</b>	<b>440.00</b>	10



## Male Run Tees

Tube OD	Male NPT	Interchanges	316 Stainless Steel		Pkg Qty
			Part #	Price/E	
1/8"	1/8"-27	200-3TMT	<b>2-DTMT-2</b>	<b>\$49.00</b>	10
1/4"	1/4"-18	400-3-4TMT	<b>4-DTMT-4</b>	<b>56.00</b>	10
3/8"	1/4"-18	600-3TMT	<b>6-DTMT-4</b>	<b>59.40</b>	10
1/2"	3/8"	810-3TMT	<b>8-DTMT-6</b>	<b>90.00</b>	10
1/2"	1/2"	810-3-8TMT	<b>8-DTMT-8</b>	<b>96.00</b>	10
3/4"	3/4"	1210-3TMT	<b>12-DTMT-12</b>	<b>152.00</b>	10
1"	1"	1610-3-16TMT	<b>16-DTMT-16</b>	<b>650.00</b>	10



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## Instrumentation Fittings

## Front Ferrules



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8"	203-1	<b>DFC-2</b>	<b>\$2.95</b>	10
1/4"	403-1	<b>DFC-4</b>	<b>3.15</b>	10
3/8"	603-1	<b>DFC-6</b>	<b>3.20</b>	10
1/2"	813-1	<b>DFC-8</b>	<b>3.90</b>	10
5/8"	1013-1	<b>DFC-10</b>	<b>5.85</b>	10
3/4"	1213-1	<b>DFC-12</b>	<b>8.30</b>	10
1"	1613-1	<b>DFC-16</b>	<b>17.00</b>	10

## Rear Ferrules



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/8"	204-1	<b>DRC-2</b>	<b>\$2.45</b>	10
1/4"	404-1	<b>DRC-4</b>	<b>2.40</b>	10
3/8"	604-1	<b>DRC-6</b>	<b>2.95</b>	10
1/2"	814-1	<b>DRC-8</b>	<b>3.85</b>	10
5/8"	1014-1	<b>DRC-10</b>	<b>13.80</b>	10
3/4"	1214-1	<b>DRC-12</b>	<b>15.50</b>	10
1"	1614-1	<b>DRC-16</b>	<b>41.00</b>	10

## Nuts



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	402-1	<b>DN-4</b>	<b>\$4.50</b>	10
3/8"	602-1	<b>DN-6</b>	<b>6.25</b>	10
1/2"	812-1	<b>DN-8</b>	<b>10.00</b>	10
5/8"	1012-1	<b>DN-10</b>	<b>13.10</b>	10
3/4"	1212-1	<b>DN-12</b>	<b>16.50</b>	10
1"	1612-1	<b>DN-16</b>	<b>30.00</b>	10

## Caps



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-C	<b>4-DCAP</b>	<b>\$12.75</b>	10
3/8"	600-C	<b>6-DCAP</b>	<b>15.90</b>	10
1/2"	810-C	<b>8-DCAP</b>	<b>26.45</b>	10
5/8"	1010-C	<b>10-DCAP</b>	<b>35.00</b>	10
3/4"	1210-C	<b>12-DCAP</b>	<b>48.00</b>	10
1"	1610-C	<b>16-DCAP</b>	<b>105.00</b>	10

## Plugs



Tube OD	Interchanges	316 Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	400-P	<b>4-DFPLUG</b>	<b>\$11.10</b>	10
3/8"	600-P	<b>6-DFPLUG</b>	<b>12.80</b>	10
1/2"	810-P	<b>8-DFPLUG</b>	<b>19.00</b>	10
5/8"	1010-P	<b>10-DFPLUG</b>	<b>25.25</b>	10
3/4"	1210-P	<b>12-DFPLUG</b>	<b>31.00</b>	10
1"	1610-P	<b>16-DFPLUG</b>	<b>62.00</b>	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**

### 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
<b>1400</b>	1/4"	.030
<b>1000</b>	3/8"	.032
<b>750</b>	1/2"	.032
<b>650</b>	5/8"	.035
<b>550</b>	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

### Feature:

- reference SAE 010102

Tube Size	Pipe Size	Straight Thread	Hex	Brass	
				Part #	Price/E
1/4"	1/4"	7/16"-20	9/16"	<b>48F-4-4</b>	<b>\$2.50</b>
1/4"	3/8"	7/16"-20	11/16"	<b>48F-4-6</b>	<b>4.40</b>
1/4"	1/2"	7/16"-20	7/8"	<b>48F-4-8</b>	<b>12.25</b>
3/8"	1/8"	5/8"-18	5/8"	<b>48F-6-2</b>	<b>4.60</b>
3/8"	1/4"	5/8"-18	5/8"	<b>48F-6-4</b>	<b>3.50</b>
3/8"	3/8"	5/8"-18	11/16"	<b>48F-6-6</b>	<b>4.00</b>
3/8"	1/2"	5/8"-18	7/8"	<b>48F-6-8</b>	<b>5.90</b>
1/2"	1/4"	3/4"-16	3/4"	<b>48F-8-4</b>	<b>7.25</b>
1/2"	3/8"	3/4"-16	3/4"	<b>48F-8-6</b>	<b>4.80</b>
1/2"	1/2"	3/4"-16	7/8"	<b>48F-8-8</b>	<b>6.45</b>
5/8"	3/8"	7/8"-14	7/8"	<b>48F-10-6</b>	<b>6.85</b>
3/4"	3/4"	1-1/16"-14	1-1/16"	<b>48F-12-12</b>	<b>13.45</b>



## 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"	<b>46F-4-4</b>	<b>\$4.20</b>
3/8"	1/4"	5/8"-18	11/16"	<b>46F-6-4</b>	<b>4.85</b>
3/8"	3/8"	5/8"-18	13/16"	<b>46F-6-6</b>	<b>7.60</b>
3/8"	1/2"	5/8"-18	1"	<b>46F-6-8</b>	<b>12.40</b>
1/2"	1/4"	3/4"-16	3/4"	<b>46F-8-4</b>	<b>7.65</b>
1/2"	3/8"	3/4"-16	13/16"	<b>46F-8-6</b>	<b>7.40</b>
5/8"	3/8"	7/8"-14	7/8"	<b>46F-10-6</b>	<b>11.70</b>



## 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"	<b>42F-4</b>	<b>\$2.05</b>
3/8"	5/8"-18	5/8"	<b>42F-6</b>	<b>4.80</b>
1/2"	3/4"-16	3/4"	<b>42F-8</b>	<b>5.90</b>

## Male Elbows

**Feature:**

- reference SAE 010202

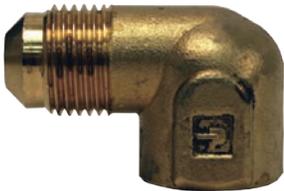


Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/8"	7/16"-20	<b>149F-4-2</b>	<b>\$4.50</b>
1/4"	1/4"	7/16"-20	<b>149F-4-4</b>	<b>6.45</b>
1/4"	3/8"	7/16"-20	<b>149F-4-6</b>	<b>12.15</b>
3/8"	1/4"	5/8"-18	<b>149F-6-4</b>	<b>7.90</b>
3/8"	3/8"	5/8"-18	<b>149F-6-6</b>	<b>9.20</b>
3/8"	1/2"	5/8"-18	<b>149F-6-8</b>	<b>11.50</b>
1/2"	1/4"	3/4"-16	<b>149F-8-4</b>	<b>11.90</b>
1/2"	3/8"	3/4"-16	<b>149F-8-6</b>	<b>8.80</b>
1/2"	1/2"	3/4"-16	<b>149F-8-8</b>	<b>9.55</b>
5/8"	1/2"	7/8"-14	<b>149F-10-8</b>	<b>12.20</b>
3/4"	3/4"	1-1/16"-14	<b>149F-12-12</b>	<b>22.10</b>

## Female Elbows

**Feature:**

- reference SAE 010203



Tube Size	Pipe Size	Straight Thread	Brass	
			Part #	Price/E
1/4"	1/4"	7/16"-20	<b>150F-4-4</b>	<b>\$11.05</b>
3/8"	3/8"	5/8"-18	<b>150F-6-6</b>	<b>14.85</b>
3/8"	1/2"	5/8"-18	<b>150F-6-8</b>	<b>24.40</b>

## 90° Swivel Elbows



Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-20	<b>166FSV-4-4</b>	<b>\$13.35</b>
3/8"	5/8"-18	<b>166FSV-6-6</b>	<b>16.70</b>
1/2"	3/4"-16	<b>166FSV-8-8</b>	<b>22.50</b>

## 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	<b>159F-4-4</b>	<b>\$10.00</b>
3/8"	1/4"	5/8"-18	<b>159F-6-4</b>	<b>7.70</b>
3/8"	3/8"	5/8"-18	<b>159F-6-6</b>	<b>7.00</b>
1/2"	1/4"	3/4"-16	<b>159F-8-4</b>	<b>21.40</b>
1/2"	3/8"	3/4"-16	<b>159F-8-6</b>	<b>7.40</b>
1/2"	1/2"	3/4"-16	<b>159F-8-8</b>	<b>13.95</b>



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## Union Tees

## Feature:

- reference SAE 010401

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-20	<b>144F-4</b>	<b>\$7.60</b>
3/8"	5/8"-18	<b>144F-6</b>	<b>12.90</b>
1/2"	3/4"-16	<b>144F-8</b>	<b>15.80</b>



## 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"	<b>41FS-4</b>	<b>\$1.90</b>
3/8"	5/8"-18	3/4"	<b>41FS-6</b>	<b>3.40</b>
1/2"	3/4"-16	7/8"	<b>41FS-8</b>	<b>4.80</b>



## 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"	<b>41FL-4</b>	<b>\$2.70</b>
3/8"	5/8"-18	3/4"	<b>41FL-6</b>	<b>6.75</b>
1/2"	3/4"-16	7/8"	<b>41FL-8</b>	<b>8.45</b>



## 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 @ 73°F
			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"	<b>68C-0202</b>	<b>\$3.55</b>
3/16"	1/8"	<b>68C-0302</b>	<b>3.55</b>
3/16"	1/4"	<b>68C-0304</b>	<b>6.10</b>
1/4"	1/8"	<b>68C-0402</b>	<b>2.97</b>
1/4"	1/4"	<b>68C-0404</b>	<b>4.31</b>
1/4"	3/8"	<b>68C-0406</b>	<b>6.75</b>
1/4"	1/2"	<b>68C-0408</b>	<b>10.87</b>
5/16"	1/8"	<b>68C-0502</b>	<b>5.50</b>
5/16"	1/4"	<b>68C-0504</b>	<b>4.75</b>
3/8"	1/8"	<b>68C-0602</b>	<b>4.45</b>
3/8"	1/4"	<b>68C-0604</b>	<b>4.76</b>
3/8"	3/8"	<b>68C-0606</b>	<b>6.07</b>
3/8"	1/2"	<b>68C-0608</b>	<b>8.67</b>
7/16"	1/4"	<b>68C-0704</b>	<b>13.50</b>
1/2"	1/4"	<b>68C-0804</b>	<b>9.24</b>
1/2"	3/8"	<b>68C-0806</b>	<b>10.80</b>
1/2"	1/2"	<b>68C-0808</b>	<b>10.78</b>
5/8"	3/8"	<b>68C-1006</b>	<b>14.41</b>
5/8"	1/2"	<b>68C-1008</b>	<b>13.58</b>
5/8"	3/4"	<b>68C-1012</b>	<b>23.72</b>
3/4"	1/2"	<b>68C-1208</b>	<b>22.19</b>
3/4"	3/4"	<b>68C-1212</b>	<b>28.30</b>
7/8"	3/4"	<b>68C-1412</b>	<b>27.75</b>

### Female Connectors



#### Feature:

- reference SAE 060103 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	<b>66C-0202</b>	<b>\$5.91</b>
3/16"	1/8"	<b>66C-0302</b>	<b>5.40</b>
3/16"	1/4"	<b>66C-0304</b>	<b>16.02</b>
1/4"	1/8"	<b>66C-0402</b>	<b>3.55</b>
1/4"	1/4"	<b>66C-0404</b>	<b>8.78</b>
5/16"	1/8"	<b>66C-0502</b>	<b>7.95</b>
5/16"	1/4"	<b>66C-0504</b>	<b>14.85</b>
3/8"	1/8"	<b>66C-0602</b>	<b>5.50</b>
3/8"	1/4"	<b>66C-0604</b>	<b>8.76</b>
3/8"	3/8"	<b>66C-0606</b>	<b>9.27</b>
3/8"	1/2"	<b>66C-0608</b>	<b>14.15</b>
1/2"	1/4"	<b>66C-0804</b>	<b>15.66</b>
1/2"	3/8"	<b>66C-0806</b>	<b>12.95</b>
1/2"	1/2"	<b>66C-0808</b>	<b>19.31</b>
5/8"	1/2"	<b>66C-1008</b>	<b>18.75</b>

### Unions



#### Feature:

- reference SAE 060101 BA

Tube Size	Brass	
	Part #	Price/E
1/8"	<b>62C-02</b>	<b>\$6.65</b>
3/16"	<b>62C-03</b>	<b>4.86</b>
1/4"	<b>62C-04</b>	<b>4.50</b>
5/16"	<b>62C-05</b>	<b>6.33</b>
3/8"	<b>62C-06</b>	<b>5.67</b>
7/16"	<b>62C-07</b>	<b>28.07</b>
1/2"	<b>62C-08</b>	<b>13.42</b>
5/8"	<b>62C-10</b>	<b>18.18</b>
3/4"	<b>62C-12</b>	<b>37.82</b>
7/8"	<b>62C-14</b>	<b>44.20</b>

## Brass Compression Fittings

## Union Reducers

**Feature:**

- reference SAE 060101 BA

Tube Size	Brass	
	Part #	Price/E
3/16" x 1/4"	<b>62C-0403</b>	<b>\$13.15</b>
1/4" x 3/8"	<b>62C-0604</b>	<b>13.01</b>
3/8" x 1/2"	<b>62C-0806</b>	<b>24.82</b>
3/8" x 5/8"	<b>62C-1006</b>	<b>17.85</b>

## Bulkhead Unions



Tube Size	Brass	
	Part #	Price/E
1/4"	<b>62CBH-04</b>	<b>\$13.73</b>
3/8"	<b>62CBH-06</b>	<b>27.06</b>

## Straight Through Tank Fittings



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
3/16"	1/8"	<b>682C-0302</b>	<b>\$12.45</b>
3/8"	3/8"	<b>682C-0606</b>	<b>17.98</b>
1/2"	1/2"	<b>682C-0808</b>	<b>24.05</b>

## Male Elbows

**Feature:**

- reference SAE 060202 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	<b>269C-0202</b>	<b>\$6.17</b>
3/16"	1/8"	<b>169C-0302</b>	<b>9.07</b>
3/16"	1/4"	<b>169C-0304</b>	<b>17.86</b>
1/4"	1/8"	<b>169C-0402</b>	<b>7.30</b>
1/4"	1/4"	<b>169C-0404</b>	<b>7.56</b>
1/4"	3/8"	<b>169C-0406</b>	<b>18.18</b>
5/16"	1/8"	<b>169C-0502</b>	<b>12.10</b>
5/16"	1/4"	<b>169C-0504</b>	<b>12.20</b>
5/16"	3/8"	<b>169C-0506</b>	<b>27.03</b>
3/8"	1/8"	<b>169C-0602</b>	<b>10.61</b>
3/8"	1/4"	<b>169C-0604</b>	<b>8.30</b>
3/8"	3/8"	<b>169C-0606</b>	<b>10.22</b>
3/8"	1/2"	<b>169C-0608</b>	<b>18.07</b>
1/2"	1/4"	<b>169C-0804</b>	<b>19.97</b>
1/2"	3/8"	<b>169C-0806</b>	<b>14.96</b>
1/2"	1/2"	<b>169C-0808</b>	<b>19.92</b>
5/8"	1/2"	<b>169C-1008</b>	<b>24.55</b>
3/4"	1/2"	<b>169C-1208</b>	<b>39.85</b>
3/4"	3/4"	<b>169C-1212</b>	<b>39.85</b>

## Female Elbows

**Feature:**

- reference SAE 060203 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	<b>170C-0202</b>	<b>\$11.33</b>
3/16"	1/8"	<b>170C-0302</b>	<b>13.00</b>
1/4"	1/8"	<b>170C-0402</b>	<b>10.26</b>
1/4"	1/4"	<b>170C-0404</b>	<b>15.29</b>
3/8"	1/4"	<b>170C-0604</b>	<b>16.11</b>
3/8"	3/8"	<b>170C-0606</b>	<b>18.82</b>
7/16"	1/4"	<b>170C-0704</b>	<b>33.40</b>
1/2"	3/8"	<b>170C-0806</b>	<b>19.66</b>

## 45° Elbows



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/4"	1/8"	<b>179C-0402</b>	<b>\$13.24</b>
1/4"	1/4"	<b>179C-0404</b>	<b>15.55</b>
3/8"	1/8"	<b>179C-0602</b>	<b>24.56</b>
3/8"	1/4"	<b>179C-0604</b>	<b>17.92</b>
3/8"	3/8"	<b>179C-0606</b>	<b>24.68</b>
1/2"	3/8"	<b>179C-0806</b>	<b>30.38</b>

## Union Elbows

**Feature:**

- reference SAE 060201 BA

Tube Size	Brass	
	Part #	Price/E
1/8"	<b>165C-02</b>	<b>\$19.10</b>
3/16"	<b>165C-03</b>	<b>10.26</b>
1/4"	<b>165C-04</b>	<b>10.51</b>
5/16"	<b>165C-05</b>	<b>16.22</b>
3/8"	<b>165C-06</b>	<b>9.85</b>
7/16"	<b>165C-07</b>	<b>23.85</b>
1/2"	<b>165C-08</b>	<b>23.10</b>
5/8"	<b>165C-10</b>	<b>27.27</b>
3/4"	<b>165C-12</b>	<b>53.87</b>

## Brass Compression Fittings

## Male Branch Tees



## Feature:

- reference SAE 060425 BA

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Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	<b>172C-0202</b>	<b>\$15.40</b>
3/16"	1/8"	<b>172C-0302</b>	<b>15.36</b>
1/4"	1/8"	<b>172C-0402</b>	<b>10.75</b>
1/4"	1/4"	<b>172C-0404</b>	<b>13.75</b>
3/8"	1/8"	<b>172C-0602</b>	<b>18.00</b>
3/8"	1/4"	<b>172C-0604</b>	<b>14.90</b>
3/8"	3/8"	<b>172C-0606</b>	<b>22.00</b>
1/2"	3/8"	<b>172C-0806</b>	<b>26.46</b>

## Female Branch Tee



Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/4"	1/8"	<b>177C-0402</b>	<b>\$17.19</b>

## Union Tees



## Feature:

- reference SAE 060401 BA

Tube Size 1 and 2	Tube Size 3	Brass	
		Part #	Price/E
1/8"	1/8"	<b>164C-02</b>	<b>\$20.87</b>
3/16"	3/16"	<b>264C-03</b>	<b>16.62</b>
1/4"	1/4"	<b>164C-04</b>	<b>11.30</b>
5/16"	5/16"	<b>164C-05</b>	<b>17.25</b>
3/8"	3/8"	<b>164C-06</b>	<b>14.90</b>
1/2"	1/2"	<b>164C-08</b>	<b>28.65</b>
5/8"	5/8"	<b>164C-10</b>	<b>47.45</b>
3/4"	3/4"	<b>164C-12</b>	<b>102.28</b>
3/8"	1/4"	<b>164C-06-06-04</b>	<b>18.34</b>
1/2"	3/8"	<b>164C-08-08-06</b>	<b>71.60</b>

## Male Run Tees



## Feature:

- reference SAE 060424 BA

Tube Size	Pipe Thread	Brass	
		Part #	Price/E
1/8"	1/8"	<b>171C-0202</b>	<b>\$15.95</b>
1/4"	1/8"	<b>171C-0402</b>	<b>12.10</b>
1/4"	1/4"	<b>171C-0404</b>	<b>14.40</b>
3/8"	1/4"	<b>171C-0604</b>	<b>17.00</b>

## Adapter Tee



Tube Size	Male Pipe Thread	Female Straight Thread	Brass	
			Part #	Price/E
1/4"	1/8"	7/16"-24	<b>176C-0402</b>	<b>\$12.45</b>

## Seal Plug



Tube Size	Brass	
	Part #	Price/E
1/4"	<b>639C-04</b>	<b>\$4.32</b>

## Brass Compression Fittings

### Brass Inserts



Tube Size	Wall Thickness	Brass	
		Part #	Price/E
1/8"	.016	<b>63PT-0216</b>	<b>\$0.96</b>
1/8"	.023	<b>63PT-0223</b>	<b>1.15</b>
3/16"	.025	<b>63PT-0325</b>	<b>1.05</b>
3/16"	.040	<b>63PT-0340</b>	<b>0.86</b>
1/4"	.040	<b>63PT-0440</b>	<b>0.72</b>
1/4"	.062	<b>63PT-0462</b>	<b>1.25</b>
5/16"	.040	<b>63PT-0540</b>	<b>1.80</b>
5/16"	.062	<b>63PT-0562</b>	<b>1.12</b>
3/8"	.062	<b>63PT-0662</b>	<b>0.80</b>
1/2"	.062	<b>63PT-0862</b>	<b>1.06</b>
5/8"	.062	<b>63PT-1062</b>	<b>2.11</b>

- Acetal sleeves and brass inserts allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

### Brass Sleeves



#### Feature:

- reference SAE 060115

Tube Size	Brass	
	Part #	Price/E
1/8"	<b>60C-02</b>	<b>\$0.72</b>
3/16"	<b>60C-03</b>	<b>0.72</b>
1/4"	<b>60C-04</b>	<b>0.72</b>
5/16"	<b>60C-05</b>	<b>0.72</b>
3/8"	<b>60C-06</b>	<b>0.72</b>
7/16"	<b>60C-07</b>	<b>2.79</b>
1/2"	<b>60C-08</b>	<b>1.07</b>
5/8"	<b>60C-10</b>	<b>1.44</b>
3/4"	<b>60C-12</b>	<b>1.98</b>
7/8"	<b>60C-14</b>	<b>4.14</b>

### Acetal Sleeves



Tube Size	Acetal	
	Part #	Price/E
1/4"	<b>60PT-04</b>	<b>\$0.76</b>
5/16"	<b>60PT-05</b>	<b>0.96</b>
3/8"	<b>60PT-06</b>	<b>0.86</b>
1/2"	<b>60PT-08</b>	<b>1.06</b>
5/8"	<b>60PT-10</b>	<b>1.55</b>

### Long Nuts



#### Feature:

- reference SAE 060111

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/4"	7/16"-24	<b>61CL-04</b>	<b>\$2.86</b>
5/16"	1/2"-24	<b>61CL-05</b>	<b>13.50</b>
3/8"	9/16"-24	<b>61CL-06</b>	<b>4.95</b>
1/2"	11/16"-20	<b>61CL-08</b>	<b>10.38</b>
5/8"	13/16"-18	<b>61CL-10</b>	<b>18.52</b>
3/4"	1"-18	<b>61CL-12</b>	<b>18.90</b>

### Nuts



#### Feature:

- reference SAE 060110

Tube Size	Straight Thread	Brass	
		Part #	Price/E
1/8"	5/16"-24	<b>61C-02</b>	<b>\$1.11</b>
3/16"	3/8"-24	<b>61C-03</b>	<b>1.20</b>
1/4"	7/16"-24	<b>61C-04</b>	<b>1.15</b>
5/16"	1/2"-24	<b>61C-05</b>	<b>1.55</b>
3/8"	9/16"-24	<b>61C-06</b>	<b>1.39</b>
7/16"	5/8"-24	<b>61C-07</b>	<b>3.33</b>
1/2"	11/16"-20	<b>61C-08</b>	<b>2.97</b>
5/8"	13/16"-18	<b>61C-10</b>	<b>5.40</b>
3/4"	1"-18	<b>61C-12</b>	<b>9.49</b>
7/8"	1-1/8"-18	<b>61C-14</b>	<b>10.92</b>

## 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**

F

### Male Connectors



tube to male NPTF

Tube OD	Male NPTF	Brass		Opt Qty
		Part #	Price/E	
1/8"	10-32 <sup>1</sup>	<b>684X10</b>	<b>\$10.70</b>	20
1/8"	1/8"	<b>684X4</b>	<b>7.70</b>	20
5/32"	10-32 <sup>1</sup>	<b>685X10</b>	<b>9.20</b>	20
5/32"	1/8"	<b>685X4</b>	<b>6.50</b>	20
5/32"	1/4"	<b>685X8</b>	<b>8.80</b>	10
3/16"	10-32 <sup>1</sup>	<b>686X10</b>	<b>10.40</b>	20
3/16"	1/8"	<b>686X4</b>	<b>8.75</b>	20
1/4"	10-32 <sup>1</sup>	<b>688X10</b>	<b>9.60</b>	20
1/4"	1/8"	<b>688X4</b>	<b>5.35</b>	20
1/4"	1/4"	<b>688X8</b>	<b>5.80</b>	10
1/4"	3/8"	<b>688X12</b>	<b>10.20</b>	10
3/8"	1/8"	<b>6812X4</b>	<b>7.70</b>	10
3/8"	1/4"	<b>6812X8</b>	<b>7.55</b>	10
3/8"	3/8"	<b>6812X12</b>	<b>8.70</b>	10
3/8"	1/2"	<b>6812X16</b>	<b>13.85</b>	5
1/2"	1/4"	<b>6816X8</b>	<b>12.40</b>	5
1/2"	3/8"	<b>6816X12</b>	<b>12.65</b>	5
1/2"	1/2"	<b>6816X16</b>	<b>16.10</b>	5

<sup>1</sup> 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"	<b>664X4</b>	<b>\$17.40</b>	10
5/32"	1/8"	<b>665X4</b>	<b>14.35</b>	10
1/4"	1/8"	<b>668X4</b>	<b>10.00</b>	10
1/4"	1/4"	<b>668X8</b>	<b>13.00</b>	10
3/8"	1/4"	<b>6612X8</b>	<b>14.05</b>	10
3/8"	3/8"	<b>6612X12</b>	<b>19.00</b>	5

### Unions



tube to tube

Tube OD	Brass		Opt Qty
	Part #	Price/E	
1/8"	<b>624</b>	<b>\$9.00</b>	20
5/32"	<b>625</b>	<b>9.85</b>	10
1/4"	<b>628</b>	<b>9.00</b>	10
3/8"	<b>6212</b>	<b>11.00</b>	10
1/2"	<b>6216</b>	<b>14.30</b>	5

### Bulkhead Unions



tube to male thread

Tube OD	Thread	Brass		Opt Qty
		Part #	Price/E	
1/8"	7/16"-20	<b>824</b>	<b>\$24.50</b>	10
5/32"	7/16"-20	<b>825</b>	<b>23.00</b>	10
1/4"	1/2"-20	<b>828</b>	<b>16.50</b>	10
3/8"	3/4"-16	<b>8212</b>	<b>23.00</b>	5
1/2"	15/16"-16	<b>8216</b>	<b>34.00</b>	5

## Brass Push-In Fittings

## Male Elbows



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	<b>694X4</b>	<b>\$7.45</b>	10
5/32"	1/8"	<b>695X4</b>	<b>7.25</b>	10
3/16"	1/8"	<b>696X4</b>	<b>7.90</b>	10
1/4"	1/8"	<b>698X4</b>	<b>6.75</b>	10
1/4"	1/4"	<b>698X8</b>	<b>7.75</b>	10
1/4"	3/8"	<b>698X12</b>	<b>12.75</b>	10
3/8"	1/8"	<b>6912X4</b>	<b>10.20</b>	10
3/8"	1/4"	<b>6912X8</b>	<b>10.55</b>	10
3/8"	3/8"	<b>6912X12</b>	<b>12.75</b>	10
1/2"	1/4"	<b>6916X8</b>	<b>14.45</b>	5
1/2"	3/8"	<b>6916X12</b>	<b>13.95</b>	5

## Female Elbows



tube to female NPTF

Tube OD	Female NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
5/32"	1/8"	<b>705X4</b>	<b>\$7.80</b>	10
1/4"	1/8"	<b>708X4</b>	<b>8.90</b>	10
1/4"	1/4"	<b>708X8</b>	<b>11.50</b>	5
3/8"	1/4"	<b>7012X8</b>	<b>19.05</b>	5

F

## Union Elbows



tube to tube

Tube OD	Forged Brass		Opt Qty
	Part #	Price/E	
1/8"	<b>654</b>	<b>\$9.80</b>	10
5/32"	<b>655</b>	<b>8.70</b>	10
1/4"	<b>658</b>	<b>9.65</b>	10
3/8"	<b>6512</b>	<b>13.50</b>	10
1/2"	<b>6516</b>	<b>20.80</b>	5

## Male Swivel Elbows



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	<b>69S4X4</b>	<b>\$9.10</b>	10
5/32"	10-32 <sup>1</sup>	<b>69S5X10</b>	<b>10.35</b>	10
5/32"	1/8"	<b>69S5X4</b>	<b>9.60</b>	10
5/32"	1/4"	<b>69S5X8</b>	<b>11.45</b>	10
1/4"	10-32 <sup>1</sup>	<b>69S8X10</b>	<b>11.75</b>	10
1/4"	1/8"	<b>69S8X4</b>	<b>8.60</b>	10
1/4"	1/4"	<b>69S8X8</b>	<b>10.90</b>	10
1/4"	3/8"	<b>69S8X12</b>	<b>16.40</b>	10
3/8"	1/8"	<b>69S12X4</b>	<b>13.35</b>	10
3/8"	1/4"	<b>69S12X8</b>	<b>13.60</b>	10
3/8"	3/8"	<b>69S12X12</b>	<b>14.45</b>	5
3/8"	1/2"	<b>69S12X16</b>	<b>18.50</b>	5
1/2"	3/8"	<b>69S16X12</b>	<b>18.05</b>	5
1/2"	1/2"	<b>69S16X16</b>	<b>21.55</b>	5

<sup>1</sup> UNF - Straight thread, supplied with gasket

## Brass Push-In Fittings

### Male Branch Tees



tube to male NPTF

### Union Tees



tube to tube

F

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	<b>724X4</b>	<b>\$10.80</b>	10
5/32"	1/8"	<b>725X4</b>	<b>12.30</b>	10
1/4"	1/8"	<b>728X4</b>	<b>12.75</b>	10
1/4"	1/4"	<b>728X8</b>	<b>13.60</b>	5
3/8"	1/8"	<b>7212X4</b>	<b>16.10</b>	5
3/8"	1/4"	<b>7212X8</b>	<b>17.80</b>	5
3/8"	3/8"	<b>7212X12</b>	<b>19.50</b>	5
1/2"	3/8"	<b>7216X12</b>	<b>23.65</b>	5

Tube OD	Forged Brass		Opt Qty
	Part #	Price/E	
1/8"	<b>644</b>	<b>\$14.10</b>	10
5/32"	<b>645</b>	<b>11.80</b>	10
3/16"	<b>646</b>	<b>13.40</b>	10
1/4"	<b>648</b>	<b>13.40</b>	10
3/8"	<b>6412</b>	<b>18.00</b>	5
1/2"	<b>6416</b>	<b>27.75</b>	5

### Male Swivel Branch Tees



tube to male NPTF

### Male Run Tees



tube to male NPTF

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	<b>72S4X4</b>	<b>\$14.30</b>	10
5/32"	1/8"	<b>72S5X4</b>	<b>14.30</b>	10
1/4"	1/8"	<b>72S8X4</b>	<b>15.40</b>	10
1/4"	1/4"	<b>72S8X8</b>	<b>15.30</b>	5
3/8"	1/4"	<b>72S12X8</b>	<b>18.65</b>	5
3/8"	3/8"	<b>72S12X12</b>	<b>21.25</b>	5
1/2"	3/8"	<b>72S16X12</b>	<b>29.30</b>	5
1/2"	1/2"	<b>72S16X16</b>	<b>34.10</b>	5

Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	<b>714X4</b>	<b>\$12.80</b>	10
5/32"	1/8"	<b>715X4</b>	<b>10.60</b>	10
1/4"	1/8"	<b>718X4</b>	<b>12.75</b>	10
1/4"	1/4"	<b>718X8</b>	<b>14.20</b>	5
3/8"	1/8"	<b>7112X4</b>	<b>16.80</b>	5
3/8"	1/4"	<b>7112X8</b>	<b>15.40</b>	5
3/8"	3/8"	<b>7112X12</b>	<b>18.90</b>	5
1/2"	3/8"	<b>7116X12</b>	<b>26.25</b>	5

### Male Swivel Run Tees

tube to male NPTF



Tube OD	Male NPTF	Forged Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	<b>71S4X4</b>	<b>\$11.95</b>	10
5/32"	10-32 <sup>1</sup>	<b>71S5X10</b>	<b>20.10</b>	10
5/32"	1/8"	<b>71S5X4</b>	<b>13.60</b>	5
1/4"	1/8"	<b>71S8X4</b>	<b>14.45</b>	5
1/4"	1/4"	<b>71S8X8</b>	<b>15.30</b>	5
3/8"	1/4"	<b>71S12X8</b>	<b>18.90</b>	5
3/8"	3/8"	<b>71S12X12</b>	<b>19.95</b>	5
1/2"	3/8"	<b>71S16X12</b>	<b>30.25</b>	5
1/2"	1/2"	<b>71S16X16</b>	<b>33.95</b>	5

<sup>1</sup> 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.
- silicone free

## Straight Male Connectors



tube to male NPT

Tube OD	Male NPT	Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	<b>38055611</b>	<b>\$58.05</b>	10
1/4"	1/4"	<b>38055614</b>	<b>61.15</b>	10
3/8"	1/4"	<b>38056014</b>	<b>72.55</b>	10
3/8"	3/8"	<b>38056018</b>	<b>77.70</b>	10
1/2"	3/8"	<b>38056218</b>	<b>98.35</b>	10
1/2"	1/2"	<b>38056222</b>	<b>104.55</b>	10

- internal hex allows ease of assembly in tight places

## Unions



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	<b>38065600</b>	<b>\$68.05</b>	10
3/8"	<b>38066000</b>	<b>94.20</b>	10
1/2"	<b>38066200</b>	<b>120.50</b>	10

## Bulkhead Unions



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	<b>38165600</b>	<b>\$139.10</b>	10
3/8"	<b>38166000</b>	<b>150.10</b>	10
1/2"	<b>38166200</b>	<b>189.60</b>	10

## Male Elbows



tube to male NPT

Tube OD	Male NPT	Stainless Steel		Pkg Qty
		Part #	Price/E	
1/4"	1/8"	<b>38895611</b>	<b>\$86.40</b>	10
1/4"	1/4"	<b>38895614</b>	<b>96.70</b>	10
3/8"	1/4"	<b>38896014</b>	<b>155.40</b>	10
3/8"	3/8"	<b>38896018</b>	<b>161.50</b>	10
1/2"	3/8"	<b>38896218</b>	<b>196.75</b>	10
1/2"	1/2"	<b>38896222</b>	<b>199.75</b>	10

- body is orientable for positioning purposes

## Equal Elbow Union



tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	<b>38025600</b>	<b>\$79.70</b>	10

## Union Tees



tube to tube to tube

Tube OD	Stainless Steel		Pkg Qty
	Part #	Price/E	
1/4"	<b>38045600</b>	<b>\$111.80</b>	10
3/8"	<b>38046000</b>	<b>178.30</b>	10
1/2"	<b>38046200</b>	<b>212.95</b>	10

# Nickel-Plated Brass Legris Push-In Fittings

## Applications:

- Push-to-connect forged fittings are nickel plated and have an FKM seal making them suitable to use with liquids and gaseous fluids.
- Fittings are plated with a high phosphorous FDA nickel plate allowing them to be used in applications where exposure to harsh environments is present.
- applications include: food industry, packaging, robotics, pulp and paper and wash down

## Features:

- FDA compliant
- temperature range: **-4°F to 302°F**
- pressure range: up to **435 PSI**  
(*maximum circuit pressure depends on media, temperature and diameter of tube used*)
- full flow
- excellent resistance to abrasion and corrosion
- silicone free
- available in fractional and metric sizes

## Construction:

- body: high phosphorous FDA nickel plated brass
- back-up washer: high phosphorous FDA nickel plated brass
- collet: high phosphorous FDA nickel plated brass
- O-ring: FKM fluoroelastomer conforming to FDA standards
- base: high phosphorous FDA nickel plated brass
- thread sealant is intentionally left off product so the appropriate sealant for the application can be applied

## Female Connectors



tube to female NPT

Tube OD	Female NPT	Nickel-Plated Brass		Opt Qty
		Part #	Price/E	
5/32"	1/4"	<b>36150414</b>	<b>\$12.90</b>	10
1/4"	1/8"	<b>36155611</b>	<b>8.40</b>	10
1/4"	1/4"	<b>36155614</b>	<b>15.05</b>	10
3/8"	1/4"	<b>36156014</b>	<b>17.05</b>	10
3/8"	3/8"	<b>36156018</b>	<b>20.80</b>	10
1/2"	3/8"	<b>36156218</b>	<b>21.15</b>	10
1/2"	1/2"	<b>36156222</b>	<b>21.40</b>	10

## Male Connectors



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
5/32"	10-32 <sup>1</sup>	<b>36010420</b>	<b>\$7.45</b>	10
5/32"	1/8"	<b>36750411</b>	<b>6.40</b>	10
5/32"	1/4"	<b>36750414</b>	<b>8.30</b>	10
1/4"	10-32 <sup>1</sup>	<b>36015620</b>	<b>8.95</b>	10
1/4"	1/8"	<b>36755611</b>	<b>5.70</b>	10
1/4"	1/4"	<b>36755614</b>	<b>6.30</b>	10
1/4"	3/8"	<b>36755618</b>	<b>8.35</b>	10
3/8"	1/8"	<b>36756011</b>	<b>12.65</b>	10
3/8"	1/4"	<b>36756014</b>	<b>10.40</b>	10
3/8"	3/8"	<b>36756018</b>	<b>12.15</b>	10
3/8"	1/2"	<b>36756022</b>	<b>15.85</b>	10
1/2"	3/8"	<b>36756218</b>	<b>15.65</b>	10
1/2"	1/2"	<b>36756222</b>	<b>15.40</b>	10

<sup>1</sup> 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 <sup>1</sup>	<b>36990420</b>	<b>\$11.55</b>	10
5/32"	1/8"	<b>36090411</b>	<b>7.95</b>	10
5/32"	1/4"	<b>36090414</b>	<b>9.95</b>	10
1/4"	1/8"	<b>36095611</b>	<b>7.55</b>	10
1/4"	1/4"	<b>36095614</b>	<b>8.65</b>	10
1/4"	3/8"	<b>36095618</b>	<b>12.65</b>	10
3/8"	1/4"	<b>36096014</b>	<b>16.85</b>	10
3/8"	3/8"	<b>36096018</b>	<b>15.90</b>	10
3/8"	1/2"	<b>36096022</b>	<b>18.50</b>	10
1/2"	1/2"	<b>36096222</b>	<b>19.55</b>	10

<sup>1</sup> 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 <sup>1</sup>	<b>36930420</b>	<b>\$18.65</b>	10
5/32"	1/8"	<b>36030411</b>	<b>16.65</b>	10
5/32"	1/4"	<b>36030414</b>	<b>18.30</b>	10
1/4"	1/8"	<b>36035611</b>	<b>19.50</b>	10
1/4"	1/4"	<b>36035614</b>	<b>16.35</b>	10
1/4"	3/8"	<b>36035618</b>	<b>25.75</b>	10
3/8"	1/4"	<b>36036014</b>	<b>24.15</b>	10
3/8"	3/8"	<b>36036018</b>	<b>25.60</b>	10

<sup>1</sup> 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"	<b>36060400</b>	<b>\$11.00</b>	<b>36020400</b>	<b>\$10.15</b>	<b>36040400</b>	<b>\$13.30</b>	10
1/4"	<b>36065600</b>	<b>8.20</b>	<b>36025600</b>	<b>8.75</b>	<b>36045600</b>	<b>11.30</b>	10
3/8"	<b>36066000</b>	<b>15.85</b>	<b>36026000</b>	<b>14.35</b>	<b>36046000</b>	<b>17.45</b>	10
1/2"	<b>36066200</b>	<b>19.20</b>	<b>36026200</b>	<b>19.20</b>	<b>36046200</b>	<b>25.55</b>	10

## Nylon/Nickel-Plated Brass Legris Push-In Fittings

## 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)

## 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.

## Female Connectors



tube to female NPT

## Male Connectors



tube to male NPT

Tube OD	Male NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/16"	<b>31755308</b>	<b>\$7.95</b>	10
1/8"	1/8"	<b>31755311</b>	<b>5.35</b>	10
1/8"	1/4"	<b>31755314</b>	<b>8.65</b>	10
5/32"	1/8"	<b>31750411</b>	<b>4.10</b>	10
5/32"	1/4"	<b>31750414</b>	<b>9.00</b>	10
1/4"	1/8"	<b>31755611</b>	<b>4.85</b>	10
1/4"	1/4"	<b>31755614</b>	<b>4.85</b>	10
1/4"	3/8"	<b>31755618</b>	<b>6.85</b>	10
5/16"	1/8"	<b>31750811</b>	<b>9.00</b>	10
5/16"	1/4"	<b>31750814</b>	<b>9.00</b>	10
5/16"	3/8"	<b>31750818</b>	<b>10.10</b>	10
3/8"	1/8"	<b>31756011</b>	<b>9.75</b>	10
3/8"	1/4"	<b>31756014</b>	<b>7.00</b>	10
3/8"	3/8"	<b>31756018</b>	<b>8.65</b>	10
3/8"	1/2"	<b>31756022</b>	<b>12.50</b>	10
1/2"	1/4"	<b>31756214</b>	<b>12.60</b>	10
1/2"	3/8"	<b>31756218</b>	<b>12.60</b>	10
1/2"	1/2"	<b>31756222</b>	<b>13.20</b>	10

Tube OD	Female NPT	Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	1/8"	<b>30145311</b>	<b>\$8.95</b>	10
1/8"	1/4"	<b>30145314</b>	<b>8.85</b>	10
5/32"	1/8"	<b>30140411</b>	<b>9.75</b>	10
5/32"	1/4"	<b>30140414</b>	<b>11.15</b>	10
1/4"	1/8"	<b>30145611</b>	<b>7.65</b>	10
1/4"	1/4"	<b>30145614</b>	<b>10.00</b>	10
5/16"	1/8"	<b>30140811</b>	<b>13.20</b>	10
5/16"	1/4"	<b>30140814</b>	<b>13.45</b>	10
3/8"	1/8"	<b>30146011</b>	<b>11.85</b>	10
3/8"	1/4"	<b>30146014</b>	<b>14.05</b>	10
3/8"	3/8"	<b>30146018</b>	<b>15.85</b>	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"	<b>31755610</b>	<b>\$8.80</b>	10
1/4"	1/4"	<b>31755613</b>	<b>9.10</b>	10
3/8"	1/4"	<b>31756013</b>	<b>13.45</b>	10

## Nylon Legris Push-In Fittings

## Unions



tube to tube

## Bulkhead Unions



tube to tube

## Union Elbows



tube to tube

F

Tube OD	Nylon		Nylon		Nylon		Pkg Qty
	Part #	Price/E	Part #	Price/E	Part #	Price/E	
1/8"	<b>31065300</b>	<b>\$6.75</b>	<b>31165300</b>	<b>\$8.75</b>	<b>31025300</b>	<b>\$6.80</b>	10
5/32"	<b>31060400</b>	<b>4.85</b>	<b>31160400</b>	<b>8.60</b>	<b>31020400</b>	<b>5.50</b>	10
1/4"	<b>31065600</b>	<b>5.40</b>	<b>31165600</b>	<b>9.10</b>	<b>31025600</b>	<b>6.10</b>	10
5/16"	<b>31060800</b>	<b>7.00</b>	<b>31160800</b>	<b>11.30</b>	<b>31020800</b>	<b>7.30</b>	10
3/8"	<b>31066000</b>	<b>7.95</b>	<b>31166000</b>	<b>13.50</b>	<b>31026000</b>	<b>9.55</b>	10
1/2"	<b>31066200</b>	<b>13.05</b>	<b>31166200</b>	<b>19.70</b>	<b>31026200</b>	<b>12.85</b>	10

## Male Elbows



tube to male NPT

Tube OD	Male NPT	Nylon/Nickel-plated Brass		Opt Qty
		Part #	Price/E	
1/8"	10-32 <sup>1</sup>	<b>31095320</b>	<b>\$8.60</b>	10
1/8"	1/16"	<b>31095308</b>	<b>11.40</b>	10
1/8"	1/8"	<b>31095311</b>	<b>6.00</b>	10
1/8"	1/4"	<b>31095314</b>	<b>8.70</b>	10
5/32"	10-32 <sup>1</sup>	<b>31090420</b>	<b>7.85</b>	10
5/32"	1/8"	<b>31090411</b>	<b>4.80</b>	10
5/32"	1/4"	<b>31090414</b>	<b>10.10</b>	10
1/4"	10-32 <sup>1</sup>	<b>31095620</b>	<b>9.95</b>	10
1/4"	1/8"	<b>31095611</b>	<b>5.40</b>	10
1/4"	1/4"	<b>31095614</b>	<b>5.95</b>	10
1/4"	3/8"	<b>31095618</b>	<b>8.00</b>	10
5/16"	1/8"	<b>31090811</b>	<b>10.70</b>	10
5/16"	1/4"	<b>31090814</b>	<b>10.70</b>	10
5/16"	3/8"	<b>31090818</b>	<b>11.35</b>	10
3/8"	1/8"	<b>31096011</b>	<b>9.10</b>	10
3/8"	1/4"	<b>31096014</b>	<b>8.05</b>	10
3/8"	3/8"	<b>31096018</b>	<b>9.10</b>	10
3/8"	1/2"	<b>31096022</b>	<b>13.65</b>	10
1/2"	1/4"	<b>31096214</b>	<b>10.60</b>	10
1/2"	3/8"	<b>31096218</b>	<b>13.05</b>	10
1/2"	1/2"	<b>31096222</b>	<b>14.85</b>	10

<sup>1</sup> 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"	<b>30095311</b>	<b>\$10.25</b>	10
5/32"	1/4"	<b>30090414</b>	<b>13.60</b>	10
1/4"	1/8"	<b>30095611</b>	<b>6.65</b>	10
1/4"	1/4"	<b>30095614</b>	<b>10.05</b>	10
5/16"	1/8"	<b>30090811</b>	<b>13.95</b>	10
5/16"	1/4"	<b>30090814</b>	<b>14.05</b>	10
3/8"	1/4"	<b>30096014</b>	<b>12.90</b>	10
1/2"	3/8"	<b>30096218</b>	<b>18.20</b>	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"	<b>31135611</b>	<b>\$6.70</b>	<b>31295611</b>	<b>\$8.75</b>	10
1/4"	1/4"	<b>31135614</b>	<b>7.75</b>	<b>31295614</b>	<b>9.35</b>	10
3/8"	1/4"	<b>31136014</b>	<b>9.70</b>	<b>31296014</b>	<b>13.15</b>	10
3/8"	3/8"	<b>31136018</b>	<b>9.85</b>	<b>31296018</b>	<b>17.95</b>	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 <sup>1</sup>	<b>31085320</b>	<b>\$14.60</b>	10
1/8"	1/8"	<b>31085311</b>	<b>9.35</b>	10
5/32"	10-32 <sup>1</sup>	<b>31080420</b>	<b>13.45</b>	10
5/32"	1/8"	<b>31080411</b>	<b>8.55</b>	10
5/32"	1/4"	<b>31080414</b>	<b>12.70</b>	10
1/4"	1/8"	<b>31085611</b>	<b>7.75</b>	10
1/4"	1/4"	<b>31085614</b>	<b>8.30</b>	10
1/4"	3/8"	<b>31085618</b>	<b>10.40</b>	10
5/16"	1/8"	<b>31080811</b>	<b>11.85</b>	10
5/16"	1/4"	<b>31080814</b>	<b>12.35</b>	10
5/16"	3/8"	<b>31080818</b>	<b>12.70</b>	10
3/8"	1/8"	<b>31086011</b>	<b>16.15</b>	10
3/8"	1/4"	<b>31086014</b>	<b>11.85</b>	10
3/8"	3/8"	<b>31086018</b>	<b>13.75</b>	10
3/8"	1/2"	<b>31086022</b>	<b>18.45</b>	10
1/2"	1/4"	<b>31086214</b>	<b>15.95</b>	10
1/2"	3/8"	<b>31086218</b>	<b>19.30</b>	10
1/2"	1/2"	<b>31086222</b>	<b>21.80</b>	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 <sup>1</sup>	<b>31035320</b>	<b>\$14.65</b>	10
1/8"	1/16"	<b>31035308</b>	<b>15.20</b>	10
1/8"	1/8"	<b>31035311</b>	<b>9.60</b>	10
5/32"	10-32 <sup>1</sup>	<b>31030420</b>	<b>13.40</b>	10
5/32"	1/8"	<b>31030411</b>	<b>9.50</b>	10
5/32"	1/4"	<b>31030414</b>	<b>12.80</b>	10
1/4"	1/8"	<b>31035611</b>	<b>7.70</b>	10
1/4"	1/4"	<b>31035614</b>	<b>8.30</b>	10
1/4"	3/8"	<b>31035618</b>	<b>10.35</b>	10
5/16"	1/8"	<b>31030811</b>	<b>11.55</b>	10
5/16"	1/4"	<b>31030814</b>	<b>12.15</b>	10
3/8"	1/8"	<b>31036011</b>	<b>15.55</b>	10
3/8"	1/4"	<b>31036014</b>	<b>13.05</b>	10
3/8"	3/8"	<b>31036018</b>	<b>14.70</b>	10
1/2"	1/4"	<b>31036214</b>	<b>15.90</b>	10
1/2"	3/8"	<b>31036218</b>	<b>19.30</b>	10
1/2"	1/2"	<b>31036222</b>	<b>21.40</b>	10

- <sup>1</sup> UNF - Straight thread, supplied with gasket  
 • body is orientable for positioning purposes

- <sup>1</sup> 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"	<b>31480411</b>	<b>\$12.60</b>	10
5/32"	1/4"	<b>31480414</b>	<b>12.60</b>	10
1/4"	1/8"	<b>31485611</b>	<b>11.30</b>	10
1/4"	1/4"	<b>31485614</b>	<b>11.55</b>	10

- body is orientable for positioning purposes

### Y Connectors



tube to tube

Tube OD	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	<b>31405300</b>	<b>\$7.65</b>	10
5/32"	<b>31400400</b>	<b>7.30</b>	10
1/4"	<b>31405600</b>	<b>8.05</b>	10
5/16"	<b>31400800</b>	<b>10.05</b>	10
3/8"	<b>31406000</b>	<b>14.65</b>	10

### Union Tees



tube to tube

Tube OD	Nylon		Pkg Qty
	Part #	Price/E	
1/8"	<b>31045300</b>	<b>\$9.50</b>	10
5/32"	<b>31040400</b>	<b>7.35</b>	10
1/4"	<b>31045600</b>	<b>8.20</b>	10
5/16"	<b>31040800</b>	<b>10.05</b>	10
3/8"	<b>31046000</b>	<b>11.40</b>	10
1/2"	<b>31046200</b>	<b>18.40</b>	10

### Plugs

Tube OD	Plastic		Pkg Qty
	Part #	Price/E	
1/8"	<b>31265300</b>	<b>\$1.85</b>	10
5/32"	<b>31260400</b>	<b>0.95</b>	10
1/4"	<b>31265600</b>	<b>2.25</b>	10
5/16"	<b>31260800</b>	<b>2.35</b>	10
3/8"	<b>31266000</b>	<b>2.55</b>	10
1/2"	<b>31266200</b>	<b>2.80</b>	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 189-191
- a tubing cutter is also included

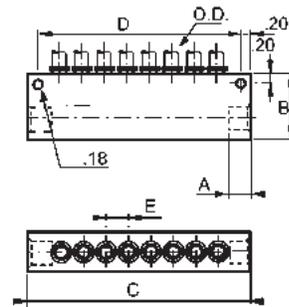
Part #	Price/E
<b>TFK</b>	<b>\$1159.00</b>

Kit contains the following parts:

Part #	Qty	Description
<b>31755311</b>	10	tube to male NPT connector
<b>31750411</b>	10	tube to male NPT connector
<b>31755611</b>	10	tube to male NPT connector
<b>31755614</b>	10	tube to male NPT connector
<b>31756014</b>	5	tube to male NPT connector
<b>31756018</b>	5	tube to male NPT connector
<b>31090411</b>	10	tube to male NPT elbow
<b>31095611</b>	10	tube to male NPT elbow
<b>31095614</b>	10	tube to male NPT elbow
<b>31096011</b>	5	tube to male NPT elbow
<b>31096014</b>	5	tube to male NPT elbow
<b>31096018</b>	5	tube to male NPT elbow
<b>31060400</b>	10	tube to tube union
<b>31065600</b>	10	tube to tube union
<b>31066000</b>	5	tube to tube union
<b>31400400</b>	10	Y connector
<b>31405600</b>	10	Y connector
<b>31406000</b>	5	Y connector
<b>31040400</b>	10	tube to tube union tee
<b>31045600</b>	5	tube to tube union tee
<b>31046000</b>	5	tube to tube union tee
<b>30007100</b>	1	tubing cutter



## Legris Modular Manifolds



manifold with push-to-connect ports

OD	NPT Size	Number of Outlets	Dimensions					Part #	Price/E
			A	B	C	D	E		
1/4"	1/4"	8	.55	1.30	4.92	4.53	.50	<b>33155614</b>	<b>\$108.55</b>

## Legris Composite Mini Ball Valves

### Application:

- These valves enable in-line opening and closing of a pneumatic circuit.

### 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
- a screwdriver slot allows opening and closing even when access is difficult
- handle is differentiated by a blue color and marked with the corresponding pneumatic symbol enabling immediate identification by the user



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Size	Part #	Price/E
5/32"	<b>79100400</b>	<b>\$45.40</b>
1/4"	<b>79105600</b>	<b>37.70</b>
5/16"	<b>79100800</b>	<b>41.00</b>
3/8"	<b>79106000</b>	<b>45.15</b>

## 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"	<b>79821111</b>	<b>\$17.30</b>
1/4"	<b>79821414</b>	<b>19.00</b>
3/8"	<b>79821818</b>	<b>29.00</b>
1/2"	<b>79822222</b>	<b>39.50</b>

## 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, meter out 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"	<b>70650411</b>	<b>\$25.90</b>	10
1/4"	1/8"	<b>70655611</b>	<b>28.55</b>	10
1/4"	1/4"	<b>70655614</b>	<b>31.30</b>	10
3/8"	1/4"	<b>70656014</b>	<b>51.85</b>	10
3/8"	3/8"	<b>70656018</b>	<b>62.25</b>	10



#### miniature exhaust flow control valves

Tube OD	NPT Size	Part #	Price/E	Pkg Qty
5/32"	10-32 <sup>1</sup>	<b>76600420</b>	<b>\$23.50</b>	10
5/32"	1/8"	<b>76650411</b>	<b>23.60</b>	10
1/4"	10-32 <sup>1</sup>	<b>76605620</b>	<b>28.40</b>	10
1/4"	1/8"	<b>76655611</b>	<b>28.35</b>	10
1/4"	1/4"	<b>76655614</b>	<b>28.40</b>	10



<sup>1</sup> 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



Tube OD	Part #	Price/E	Pkg Qty
5/32"	<b>77700400</b>	<b>\$44.00</b>	10
1/4"	<b>77705600</b>	<b>46.50</b>	10
3/8"	<b>77706000</b>	<b>70.95</b>	10
1/2"	<b>77706200</b>	<b>80.80</b>	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"	<b>77751111</b>	<b>\$46.35</b>
1/4"	<b>77751414</b>	<b>51.05</b>
3/8"	<b>77751818</b>	<b>69.95</b>
1/2"	<b>77752222</b>	<b>91.45</b>

## 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"	<b>79960400</b>	<b>\$28.35</b>	10
6mm	<b>79960600</b>	<b>30.35</b>	10
1/4"	<b>79965600</b>	<b>31.55</b>	10
5/16"	<b>79960800</b>	<b>36.30</b>	10



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## 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 <sup>1</sup>	<b>79940420</b>	<b>\$32.60</b>
5/32"	1/8"	<b>79950411</b>	<b>27.75</b>
1/4"	1/8"	<b>79955611</b>	<b>31.05</b>
1/4"	1/4"	<b>79955614</b>	<b>31.55</b>
3/8"	1/4"	<b>79956014</b>	<b>38.75</b>
3/8"	3/8"	<b>79956018</b>	<b>43.85</b>



<sup>1</sup> 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"	<b>48951111</b>	<b>\$178.25</b>
1/4"	<b>48951414</b>	<b>178.25</b>
3/8"	<b>48951818</b>	<b>216.25</b>
1/2"	<b>48952222</b>	<b>214.95</b>



## Tubing

### Polyurethane Tubing

**Features:**

- naturally transparent
- temperature range: **-40°F to 165°F**
- for use with the push-in fittings sold on pages 184-191
- 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



F

Size		Wall Thickness	Working Pressure @ 75°F	Length	Part #	Price/Length
OD	ID					
1/8"	.062"	.0295"	<b>255</b>	250' roll	<b>04063</b>	<b>\$47.75</b>
5/32"	.094"	.0315"	<b>210</b>	100' roll	<b>05094</b>	<b>33.75</b>
1/4"	.160"	.0450"	<b>175</b>	100' roll	<b>08160</b>	<b>62.50</b>
3/8"	.245"	.0650"	<b>170</b>	100' roll	<b>12250</b>	<b>117.50</b>
1/2"	.320"	.0900"	<b>175</b>	50' roll	<b>16320</b>	<b>157.00</b>

### Polyethylene Tubing

**Features:**

- designed for FDA applications, complies with 21CFR 177.1520 (c) food contact
- temperature range: **-50°F to 140°F**
- for use with the push-in fittings sold on pages 184-191
- flexible, lightweight, low-density polyethylene (LLDPE) 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						
1/4"	.125"	.062"	<b>350</b>	100' roll	natural	<b>0804</b>	<b>\$14.80</b>
1/4"	.170"	.040"	<b>200</b>	100' roll	natural	<b>0817</b>	<b>13.40</b>
1/4"	.170"	.040"	<b>200</b>	100' roll	blue	<b>0817BL100</b>	<b>17.30</b>
3/8"	.250"	.062"	<b>190</b>	100' roll	natural	<b>1208</b>	<b>28.25</b>
1/2"	.375"	.062"	<b>135</b>	100' roll	natural	<b>1612</b>	<b>37.10</b>

Size		Wall Thickness	Working Pressure @ 75°F	Length	Tubing Color	Part #	Price/Length
OD	ID						
1/4"	.170"	.040"	<b>150</b>	500' roll	blue	<b>0817BL</b>	<b>\$67.00</b>
1/4"	.170"	.040"	<b>150</b>	500' roll	black	<b>0817BR</b>	<b>67.00</b>
1/4"	.170"	.040"	<b>150</b>	500' roll	natural	<b>0817CR</b>	<b>67.00</b>
3/8"	.250"	.062"	<b>150</b>	500' roll	black	<b>1208BR</b>	<b>120.00</b>
3/8"	.250"	.062"	<b>150</b>	500' roll	natural	<b>1208CR</b>	<b>120.00</b>

### Nylon Tubing

**Features:**

- naturally transparent
- temperature range: **-40°F to 180°F**
- for use with the push-in fittings sold on pages 184-191
- 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"	<b>270</b>	100' roll	<b>04093</b>	<b>\$31.50</b>
5/32"	.106"	.025"	<b>350</b>	100' roll	<b>05106</b>	<b>39.50</b>
3/16"	.138"	.025"	<b>260</b>	100' roll	<b>06138</b>	<b>50.00</b>
1/4"	.170"	.040"	<b>330</b>	100' roll	<b>08170</b>	<b>84.00</b>
1/4"	.180"	.035"	<b>290</b>	100' roll	<b>08180</b>	<b>80.00</b>
3/8"	.275"	.050"	<b>250</b>	100' roll	<b>12275</b>	<b>170.00</b>
1/2"	.375"	.062"	<b>240</b>	100' roll	<b>16375</b>	<b>256.75</b>

Tubing cutters sold on page 370

## 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"	<b>250</b>	50' roll	<b>1091P5300</b>	<b>\$33.65</b>	<b>1091P5301</b>	<b>\$33.45</b>	<b>1091P5304</b>	<b>\$34.50</b>
5/32"	.106"	.025"	<b>300</b>	50' roll	<b>1091P0400</b>	<b>32.00</b>	<b>1091P0401</b>	<b>30.00</b>	<b>1091P0404</b>	<b>30.00</b>
3/16"	.138"	.025"	<b>250</b>	50' roll	<b>1091P5500</b>	<b>53.20</b>	<b>1091P5501</b>	<b>53.55</b>	---	---
1/4"	.170"	.040"	<b>300</b>	50' roll	<b>1091P5600</b>	<b>60.30</b>	<b>1091P5601</b>	<b>64.05</b>	<b>1091P5604</b>	<b>57.75</b>
5/16"	.233"	.040"	<b>250</b>	50' roll	<b>1091P0800</b>	<b>83.75</b>	<b>1091P0801</b>	<b>87.00</b>	<b>1091P0804</b>	<b>87.00</b>
3/8"	.275"	.050"	<b>250</b>	50' roll	<b>1091P6000</b>	<b>119.90</b>	<b>1091P6001</b>	<b>118.00</b>	<b>1091P6004</b>	<b>113.90</b>
1/2"	.375"	.062"	<b>250</b>	50' roll	<b>1091P6200</b>	<b>196.00</b>	<b>1091P6201</b>	<b>186.00</b>	<b>1091P6204</b>	<b>188.10</b>

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"	<b>250</b>	100' roll	<b>1094P5300</b>	<b>\$59.25</b>	<b>1094P5301</b>	<b>\$59.25</b>	<b>1094P5304</b>	<b>\$59.25</b>
5/32"	.106"	.025"	<b>300</b>	100' roll	<b>1094P0400</b>	<b>60.75</b>	<b>1094P0401</b>	<b>55.80</b>	<b>1094P0404</b>	<b>66.15</b>
3/16"	.138"	.025"	<b>250</b>	100' roll	<b>1094P5500</b>	<b>98.85</b>	<b>1094P5501</b>	<b>98.85</b>	---	---
1/4"	.170"	.040"	<b>300</b>	100' roll	<b>1094P5600</b>	<b>113.15</b>	<b>1094P5601</b>	<b>114.90</b>	<b>1094P5604</b>	<b>103.60</b>
5/16"	.233"	.040"	<b>250</b>	100' roll	<b>1094P0800</b>	<b>151.85</b>	<b>1094P0801</b>	<b>154.55</b>	<b>1094P0804</b>	<b>153.00</b>
3/8"	.275"	.050"	<b>250</b>	100' roll	<b>1094P6000</b>	<b>215.70</b>	<b>1094P6001</b>	<b>218.25</b>	<b>1094P6004</b>	<b>209.20</b>
1/2"	.375"	.062"	<b>250</b>	100' roll	<b>1094P6200</b>	<b>352.25</b>	<b>1094P6201</b>	<b>358.15</b>	<b>1094P6204</b>	<b>350.45</b>

## 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"	<b>233</b>	50' roll	<b>1091U53R00</b>	<b>\$25.25</b>	<b>1091U5301</b>	<b>\$24.65</b>	<b>1091U5304</b>	<b>\$25.30</b>
5/32"	.093"	.031"	<b>176</b>	50' roll	<b>1091U04R00</b>	<b>34.70</b>	<b>1091U0401</b>	<b>30.55</b>	<b>1091U0404</b>	<b>31.35</b>
1/4"	.160"	.045"	<b>148</b>	50' roll	<b>1091U56R00</b>	<b>54.50</b>	<b>1091U5601</b>	<b>58.80</b>	<b>1091U5604</b>	<b>57.10</b>
5/16"	.216"	.049"	<b>148</b>	50' roll	<b>1091U08R00</b>	<b>83.50</b>	<b>1091U0801</b>	<b>77.05</b>	<b>1091U0804</b>	<b>81.35</b>
3/8"	.250"	.066"	<b>147</b>	50' roll	<b>1091U60R00</b>	<b>102.00</b>	<b>1091U6001</b>	<b>110.30</b>	<b>1091U6004</b>	<b>104.10</b>
1/2"	.320"	.090"	<b>140</b>	50' roll	<b>1091U62R00</b>	<b>198.45</b>	<b>1091U6201</b>	<b>200.10</b>	<b>1091U6204</b>	<b>206.00</b>

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"	<b>233</b>	100' roll	<b>1094U53R00</b>	<b>\$45.10</b>	<b>1094U5301</b>	<b>\$44.40</b>	<b>1094U5304</b>	<b>\$47.40</b>
5/32"	.093"	.031"	<b>176</b>	100' roll	<b>1094U04R00</b>	<b>58.60</b>	<b>1094U0401</b>	<b>56.50</b>	<b>1094U0404</b>	<b>58.85</b>
1/4"	.160"	.045"	<b>148</b>	100' roll	<b>1094U56R00</b>	<b>98.15</b>	<b>1094U5601</b>	<b>103.50</b>	<b>1094U5604</b>	<b>96.40</b>
5/16"	.216"	.049"	<b>148</b>	100' roll	<b>1094U08R00</b>	<b>156.00</b>	<b>1094U0801</b>	<b>143.75</b>	<b>1094U0804</b>	<b>157.75</b>
3/8"	.250"	.066"	<b>147</b>	100' roll	<b>1094U60R00</b>	<b>190.20</b>	<b>1094U6001</b>	<b>197.85</b>	<b>1094U6004</b>	<b>194.60</b>
1/2"	.320"	.090"	<b>140</b>	100' roll	<b>1094U62R00</b>	<b>355.05</b>	<b>1094U6201</b>	<b>354.00</b>	<b>1094U6204</b>	<b>372.00</b>

## 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"	<b>500</b>	25' roll	<b>1092T5300</b>	<b>\$79.95</b>
1/4"	.170"	.031"	<b>165</b>	25' roll	<b>1092T5600</b>	<b>177.35</b>
3/8"	.300"	.062"	<b>249</b>	25' roll	<b>1092T6000</b>	<b>287.10</b>
1/2"	.420"	.062"	<b>165</b>	25' roll	<b>1092T6200</b>	<b>386.85</b>

## 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"	<b>31750410</b>	<b>\$5.00</b>	10
4 mm	1/4"	<b>31750413</b>	<b>8.00</b>	10
6 mm	1/8"	<b>31750610</b>	<b>6.05</b>	10
6 mm	1/4"	<b>31750613</b>	<b>6.90</b>	10
8 mm	1/8"	<b>31750810</b>	<b>8.20</b>	10
8 mm	1/4"	<b>31750813</b>	<b>8.20</b>	10
8 mm	3/8"	<b>31750817</b>	<b>10.05</b>	10
10 mm	1/4"	<b>31751013</b>	<b>10.80</b>	10
10 mm	3/8"	<b>31751017</b>	<b>12.15</b>	10

- internal hex allows ease of assembly in tight places

### Female Connectors



tube to female BSPP

Tube OD	Female BSPP	Part #	Price/E	Pkg Qty
4 mm	1/8"	<b>31140410</b>	<b>\$9.00</b>	10
4 mm	1/4"	<b>31140413</b>	<b>11.50</b>	10
6 mm	1/8"	<b>31140610</b>	<b>8.60</b>	10
6 mm	1/4"	<b>31140613</b>	<b>10.45</b>	10
8 mm	1/8"	<b>31140810</b>	<b>10.90</b>	10
8 mm	1/4"	<b>31140813</b>	<b>10.30</b>	10

### Male Elbows



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	<b>31090410</b>	<b>\$6.55</b>	10
4 mm	1/4"	<b>31090413</b>	<b>10.15</b>	10
6 mm	1/8"	<b>31090610</b>	<b>7.05</b>	10
6 mm	1/4"	<b>31090613</b>	<b>7.60</b>	10
8 mm	1/8"	<b>31090810</b>	<b>10.35</b>	10
8 mm	1/4"	<b>31090813</b>	<b>10.35</b>	10
8 mm	3/8"	<b>31090817</b>	<b>11.60</b>	10
10 mm	1/4"	<b>31091013</b>	<b>16.40</b>	10
10 mm	3/8"	<b>31091017</b>	<b>16.30</b>	10

- body is orientable for positioning purposes

### Male Branch Tees



tube to male BSPT

Tube OD	Male BSPT	Part #	Price/E	Pkg Qty
4 mm	1/8"	<b>31080410</b>	<b>\$9.35</b>	10
4 mm	1/4"	<b>31080413</b>	<b>13.80</b>	10
6 mm	1/8"	<b>31080610</b>	<b>9.95</b>	10
6 mm	1/4"	<b>31080613</b>	<b>10.15</b>	10
8 mm	1/8"	<b>31080810</b>	<b>12.60</b>	10
8 mm	1/4"	<b>31080813</b>	<b>13.10</b>	10

- body is orientable for positioning purposes

## Nylon Metric Tubing Rolls

### Features:

- translucent color
- resistant to fungus, abrasion, moisture and UV
- 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	<b>350</b>	25 m	<b>1025P0400</b>	<b>\$40.75</b>
6 mm	4 mm	1 mm	<b>340</b>	25 m	<b>1025P0600</b>	<b>86.00</b>
8 mm	6 mm	1 mm	<b>250</b>	25 m	<b>1025P0800</b>	<b>124.00</b>

Tubing cutters sold on page 370

## Metric Push-In Fittings

### Unions



tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
4 mm	6 mm	<b>31060406</b>	<b>\$10.65</b>	10
6 mm	6 mm	<b>31060600</b>	<b>6.20</b>	10
10 mm	10 mm	<b>31061000</b>	<b>15.65</b>	10

### Union Tees



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
6 mm	<b>31040600</b>	<b>\$9.10</b>	10
10 mm	<b>31041000</b>	<b>21.90</b>	10

**F**

### Union Elbows



tube to tube

Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	<b>31020600</b>	<b>\$7.45</b>	10
10 mm	10 mm	<b>31021000</b>	<b>14.90</b>	10

### Bulkhead Unions



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	<b>31160600</b>	<b>\$9.90</b>	10

### Y Connectors



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	<b>31400600</b>	<b>\$9.10</b>	10

### Plugs



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
6 mm	6 mm	<b>31260600</b>	<b>\$2.30</b>	10
10 mm	10 mm	<b>31261000</b>	<b>4.75</b>	10

### Male Connectors



tube to thread

Tube OD	Male Thread	Part #	Price/E	Pkg Qty
4 mm	M5	<b>31010419</b>	<b>\$7.00</b>	10
4 mm	1/8 BSPP	<b>31010410</b>	<b>5.95</b>	10
6 mm	M5	<b>31010619</b>	<b>9.85</b>	10
6 mm	1/8 BSPP	<b>31010610</b>	<b>6.75</b>	10
6 mm	1/4 BSPP	<b>31010613</b>	<b>7.65</b>	10
8 mm	1/8 BSPP	<b>31010810</b>	<b>8.50</b>	10
8 mm	1/4 BSPP	<b>31010813</b>	<b>9.30</b>	10
10 mm	1/4 BSPP	<b>31011013</b>	<b>15.25</b>	10

### Male Elbows



tube to thread

Tube OD	Male Thread	Part #	Price/E	Pkg Qty
4 mm	M5	<b>31990419</b>	<b>\$7.30</b>	10
4 mm	1/8 BSPP	<b>31990410</b>	<b>7.85</b>	10
6 mm	M5	<b>31990619</b>	<b>7.85</b>	10
6 mm	1/8 BSPP	<b>31990610</b>	<b>7.95</b>	10
6 mm	1/4 BSPP	<b>31990613</b>	<b>10.75</b>	10
8 mm	1/8 BSPP	<b>31990810</b>	<b>12.20</b>	10
8 mm	1/4 BSPP	<b>31990813</b>	<b>12.20</b>	10
10 mm	1/4 BSPP	<b>31991013</b>	<b>16.80</b>	10

• internal hex allows ease of assembly in tight places

• 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"	<b>AQ69DOT4X2</b>	<b>\$8.95</b>	10
1/4"	1/4"	<b>AQ69DOT4X4</b>	<b>10.15</b>	10
3/8"	1/4"	<b>AQ69DOT6X4</b>	<b>11.40</b>	10

## Swivel Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>AQ69DOTS4X2</b>	<b>\$10.55</b>	10
1/4"	1/4"	<b>AQ69DOTS4X4</b>	<b>11.40</b>	10
1/4"	3/8"	<b>AQ69DOTS4X6</b>	<b>16.45</b>	10
3/8"	1/4"	<b>AQ69DOTS6X4</b>	<b>15.10</b>	10
3/8"	3/8"	<b>AQ69DOTS6X6</b>	<b>17.00</b>	5

## Male Connectors



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>AQ68DOT4X2</b>	<b>\$6.15</b>	10
1/4"	1/4"	<b>AQ68DOT4X4</b>	<b>6.95</b>	10
1/4"	3/8"	<b>AQ68DOT4X6</b>	<b>11.25</b>	5
3/8"	1/4"	<b>AQ68DOT6X4</b>	<b>9.60</b>	10
3/8"	3/8"	<b>AQ68DOT6X6</b>	<b>10.30</b>	10

## Swivel Male Run Tees



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>AQ71DOTS4X2</b>	<b>\$17.95</b>	10
1/4"	1/4"	<b>AQ71DOTS4X4</b>	<b>17.95</b>	5

## Union Connectors



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	<b>AQ62DOT4</b>	<b>\$11.45</b>	10
3/8"	<b>AQ62DOT6</b>	<b>13.00</b>	10

## Swivel Male Branch Tees



tube to tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>AQ72DOTS4X2</b>	<b>\$17.95</b>	10
1/4"	1/4"	<b>AQ72DOTS4X4</b>	<b>18.80</b>	5

## Union Tees



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	<b>AQ64DOT4</b>	<b>\$17.05</b>	10
3/8"	<b>AQ64DOT6</b>	<b>20.80</b>	10

## D.O.T. Push-In Fittings

### Features:

- materials: composite body, brass collet, stainless steel tube support, brass threads, Buna-N O-ring
- maximum operating pressure: **250 PSI** at ambient temperature
- temperature range: **-40°F to 200°F**
- suitable fluids: compressed air only
- 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"	<b>31150411DOT</b>	<b>\$5.90</b>	10
5/32"	1/4"	<b>31150414DOT</b>	<b>9.05</b>	10
3/16"	1/8"	<b>31155511DOT</b>	<b>7.75</b>	10
3/16"	1/4"	<b>31155514DOT</b>	<b>10.85</b>	10
1/4"	1/8"	<b>31155611DOT</b>	<b>5.30</b>	10
1/4"	1/4"	<b>31155614DOT</b>	<b>5.80</b>	10
1/4"	3/8"	<b>31155618DOT</b>	<b>7.55</b>	10
3/8"	1/8"	<b>31156011DOT</b>	<b>10.45</b>	10
3/8"	1/4"	<b>31156014DOT</b>	<b>8.10</b>	10
3/8"	3/8"	<b>31156018DOT</b>	<b>10.20</b>	10
3/8"	1/2"	<b>31156022DOT</b>	<b>14.55</b>	10
1/2"	1/4"	<b>31156214DOT</b>	<b>22.55</b>	10
1/2"	3/8"	<b>31156218DOT</b>	<b>21.75</b>	10
1/2"	1/2"	<b>31156222DOT</b>	<b>15.70</b>	10

- meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3

### Straight Female Connectors



tube to female NPT

Tube OD	Female NPT	Part #	Price/E	Pkg Qty
5/32"	1/8"	<b>31140411DOT</b>	<b>\$15.60</b>	10
3/16"	1/8"	<b>31145511DOT</b>	<b>12.90</b>	10
1/4"	1/8"	<b>31145611DOT</b>	<b>11.05</b>	10
1/4"	1/4"	<b>31145614DOT</b>	<b>11.15</b>	10
3/8"	1/4"	<b>31146014DOT</b>	<b>15.70</b>	10
3/8"	3/8"	<b>31146018DOT</b>	<b>24.00</b>	10

- meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3

### Unions



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	<b>31060400DOT</b> <sup>1,2</sup>	<b>\$7.30</b>	10
3/16"	<b>31065500DOT</b> <sup>1,2</sup>	<b>11.45</b>	10
1/4"	<b>31065600DOT</b> <sup>3</sup>	<b>6.50</b>	10
3/8"	<b>31066000DOT</b> <sup>3</sup>	<b>9.75</b>	10
1/2"	<b>31066200DOT</b> <sup>3</sup>	<b>16.55</b>	10

<sup>1</sup> brass body

<sup>2</sup> meets D.O.T FMVSS571.106, SAE J2494 and SAE J2494-3

<sup>3</sup> meets D.O.T FMVSS571.106, J1131 and SAE2494-3

### Bulkhead Unions



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	<b>31165600DOT</b>	<b>\$12.10</b>	10
3/8"	<b>31166000DOT</b>	<b>17.00</b>	10
1/2"	<b>31166200DOT</b>	<b>31.30</b>	10

- meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3

## D.O.T. Push-In Fittings

### Union Elbows



tube to tube

Tube OD	Part #	Price/E	Pkg Qty
5/32"	<b>31020400DOT<sup>1</sup></b>	<b>\$9.00</b>	10
1/4"	<b>31025600DOT</b>	<b>8.35</b>	10
3/8"	<b>31026000DOT</b>	<b>13.35</b>	10
1/2"	<b>31026200DOT</b>	<b>17.35</b>	10

### Male Elbows



tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
5/32"	1/8"	<b>31090411DOT<sup>1</sup></b>	<b>\$10.35</b>	10
3/16"	1/8"	<b>31095511DOT<sup>1</sup></b>	<b>12.85</b>	10
1/4"	1/8"	<b>31095611DOT</b>	<b>6.65</b>	10
1/4"	1/4"	<b>31095614DOT</b>	<b>8.05</b>	10
1/4"	3/8"	<b>31095618DOT</b>	<b>16.60</b>	10
3/8"	1/4"	<b>31096014DOT</b>	<b>15.40</b>	10
3/8"	3/8"	<b>31096018DOT</b>	<b>17.75</b>	10
3/8"	1/2"	<b>31096022DOT</b>	<b>17.65</b>	10
1/2"	1/4"	<b>31096214DOT</b>	<b>18.50</b>	10
1/2"	3/8"	<b>31096218DOT</b>	<b>18.35</b>	10
1/2"	1/2"	<b>31096222DOT</b>	<b>22.60</b>	10

F

- 5/32" diameter meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3
- 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- <sup>1</sup> brass body

- 5/32" and 3/16" diameter meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3
- 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- fitting can be oriented 360° allowing proper positioning of the fitting
- <sup>1</sup> brass body

### Reducers



Tube OD	Tube OD	Part #	Price/E	Pkg Qty
1/4"	3/8"	<b>31665660DOT</b>	<b>\$5.45</b>	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

### Plug In Elbow



Tube OD	Part #	Price/E	Pkg Qty
1/4"	<b>31825600DOT</b>	<b>\$4.55</b>	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

### Male Branch Tees



tube to male NPT to tube

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>31085611DOT</b>	<b>\$9.70</b>	10
1/4"	1/4"	<b>31085614DOT</b>	<b>10.60</b>	10
1/4"	3/8"	<b>31085618DOT</b>	<b>28.30</b>	10
3/8"	1/4"	<b>31086014DOT</b>	<b>16.30</b>	10
3/8"	3/8"	<b>31086018DOT</b>	<b>19.75</b>	10
3/8"	1/2"	<b>31086022DOT</b>	<b>21.25</b>	10
1/2"	1/4"	<b>31086214DOT</b>	<b>27.05</b>	10
1/2"	3/8"	<b>31086218DOT</b>	<b>25.05</b>	10
1/2"	1/2"	<b>31086222DOT</b>	<b>28.65</b>	10

- 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- 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"	<b>31040400DOT<sup>1</sup></b>	<b>\$10.80</b>	10
3/16"	<b>31045500DOT<sup>1</sup></b>	<b>19.20</b>	10
1/4"	<b>31045600DOT</b>	<b>10.20</b>	10
3/8"	<b>31046000DOT</b>	<b>12.95</b>	10
1/2"	<b>31046200DOT</b>	<b>21.55</b>	10

- 5/32" and 3/16" diameter meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3
- 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- <sup>1</sup> brass body



## D.O.T. Push-In Fittings

## Male Run Tees



tube to tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
3/16"	1/8"	<b>31035511DOT</b> <sup>1</sup>	<b>\$20.90</b>	10
1/4"	1/8"	<b>31035611DOT</b>	<b>10.65</b>	10
1/4"	1/4"	<b>31035614DOT</b>	<b>12.30</b>	10
1/4"	3/8"	<b>31035618DOT</b>	<b>19.60</b>	10
3/8"	1/4"	<b>31036014DOT</b>	<b>17.40</b>	10
3/8"	3/8"	<b>31036018DOT</b>	<b>20.90</b>	10
3/8"	1/2"	<b>31036022DOT</b>	<b>22.95</b>	10
1/2"	1/4"	<b>31036214DOT</b>	<b>28.55</b>	10
1/2"	3/8"	<b>31036218DOT</b>	<b>28.10</b>	10
1/2"	1/2"	<b>31036222DOT</b>	<b>30.65</b>	10

- 3/16" diameter meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3
  - 1/4", 3/8" and 1/2" diameters meet D.O.T. FMVSS571.106, J1131 and SAE 2494-3
  - fitting can be oriented 360° allowing proper positioning of the fitting
- <sup>1</sup> brass body

## Plug In Run Tee



Tube OD	Part #	Price/E	Pkg Qty
1/4"	<b>31835600DOT</b>	<b>\$11.00</b>	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

## Y Connectors



tube to tube to male NPT

Tube OD	Male NPT	Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>31485611DOT</b>	<b>\$15.50</b>	10
1/4"	1/4"	<b>31485614DOT</b>	<b>15.70</b>	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- fitting can be oriented 360° allowing proper positioning of the fitting

## Y Unions



tube to tube to tube

Tube OD	Part #	Price/E	Pkg Qty
1/4"	<b>31405600DOT</b>	<b>\$11.80</b>	10
3/8"	<b>31406000DOT</b>	<b>19.10</b>	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

# 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

## Male Connectors



## Features:

- ref. SAE 100102 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/16"	5/16"-24	<b>68NAB31VS</b>	<b>\$20.23</b>	25
3/16"	1/8"	5/16"-24	<b>68NAB32VS</b>	<b>15.78</b>	50
3/16"	1/4"	5/16"-24	<b>68NAB34VS</b>	<b>20.78</b>	25
1/4"	1/8"	7/16"-24	<b>68NAB42VS</b>	<b>5.32</b>	50
1/4"	1/4"	7/16"-24	<b>68NAB44VS</b>	<b>6.30</b>	50
1/4"	3/8"	7/16"-24	<b>68NAB46VS</b>	<b>7.61</b>	10
3/8"	1/8"	17/32"-24	<b>68NAB62VS</b>	<b>9.14</b>	25
3/8"	1/4"	17/32"-24	<b>68NAB64VS</b>	<b>6.30</b>	25
3/8"	3/8"	17/32"-24	<b>68NAB66VS</b>	<b>8.10</b>	25
3/8"	1/2"	17/32"-24	<b>68NAB68VS</b>	<b>12.60</b>	25
1/2"	1/4"	11/16"-20	<b>68NAB84VS</b>	<b>9.75</b>	10
1/2"	3/8"	11/16"-20	<b>68NAB86VS</b>	<b>10.40</b>	25
1/2"	1/2"	11/16"-20	<b>68NAB88VS</b>	<b>13.26</b>	25
5/8"	3/8"	13/16"-18	<b>68NAB106VS</b>	<b>19.07</b>	10
5/8"	1/2"	13/16"-18	<b>68NAB108VS</b>	<b>16.55</b>	10
3/4"	3/8"	1"-18	<b>68NAB126VS</b>	<b>49.35</b>	10
3/4"	1/2"	1"-18	<b>68NAB128VS</b>	<b>26.91</b>	10
3/4"	3/4"	1"-18	<b>68NAB1212VS</b>	<b>29.07</b>	10

## Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	<b>62NAB4</b>	<b>\$7.46</b>	10
3/8"	17/32"-24	<b>62NAB6</b>	<b>9.18</b>	10
1/2"	11/16"-20	<b>62NAB8</b>	<b>14.54</b>	10
5/8"	13/16"-18	<b>62NAB10</b>	<b>21.77</b>	10
3/4"	1"-18	<b>62NAB12</b>	<b>37.15</b>	10

## Female Connectors



## Feature:

- ref. SAE 100103 BA

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16"-24	<b>66NAB42</b>	<b>\$7.70</b>	25
1/4"	1/4"	7/16"-24	<b>66NAB44</b>	<b>8.46</b>	10
3/8"	1/8"	17/32"-24	<b>66NAB62</b>	<b>9.18</b>	10
3/8"	1/4"	17/32"-24	<b>66NAB64</b>	<b>10.00</b>	10
1/2"	3/8"	11/16"-20	<b>66NAB86<sup>1</sup></b>	<b>15.06</b>	10
1/2"	1/2"	11/16"-20	<b>66NAB88</b>	<b>23.08</b>	10
5/8"	3/8"	13/16"-18	<b>66NAB106</b>	<b>20.92</b>	10
5/8"	1/2"	13/16"-18	<b>66NAB108</b>	<b>27.94</b>	10

<sup>1</sup> not full hex as shown

## Bulkhead Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	<b>62NABH4</b>	<b>\$41.00</b>	10
3/8"	17/32"-24	<b>62NABH6</b>	<b>53.20</b>	10
1/2"	11/16"-20	<b>62NABH8</b>	<b>96.62</b>	10

## Bulkhead Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	5/16"-24	<b>62NBH3</b>	<b>\$51.55</b>	10
1/4"	7/16"-24	<b>62NBH4</b>	<b>25.37</b>	10
3/8"	17/32"-24	<b>62NBH6</b>	<b>35.02</b>	10
1/2"	11/16"-20	<b>62NBH8</b>	<b>34.76</b>	10
5/8"	13/16"-18	<b>62NBH10</b>	<b>99.82</b>	10

## Air Brake Fittings

## Bulkhead Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	<b>62NFBH4</b>	\$16.61	10
3/8"	17/32"-24	<b>62NFBH6</b>	37.55	10
1/2"	11/16"-20	<b>62NFBH8</b>	30.28	10
5/8"	13/16"-18	<b>62NFBH10</b>	45.62	10

## Male Elbows



## Features:

- ref. SAE 100202 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	5/16"-24	<b>69NAB32VS</b>	\$19.98	10
3/16"	1/4"	5/16"-24	<b>69NAB34VS</b>	29.00	10
1/4"	1/8"	7/16"-24	<b>69NAB42VS</b>	6.66	50
1/4"	1/4"	7/16"-24	<b>69NAB44VS</b>	8.10	50
1/4"	3/8"	7/16"-24	<b>69NAB46VS</b>	10.14	10
3/8"	1/8"	17/32"-24	<b>69NAB62VS</b>	9.77	10
3/8"	1/4"	17/32"-24	<b>69NAB64VS</b>	9.56	25
3/8"	3/8"	17/32"-24	<b>69NAB66VS</b>	9.94	25
3/8"	1/2"	17/32"-24	<b>69NAB68VS</b>	17.65	10
1/2"	1/4"	11/16"-20	<b>69NAB84VS</b>	14.71	10
1/2"	3/8"	11/16"-20	<b>69NAB86VS</b>	14.17	10
1/2"	1/2"	11/16"-20	<b>69NAB88VS</b>	17.80	10
5/8"	3/8"	13/16"-18	<b>69NAB106VS</b>	20.45	10
5/8"	1/2"	13/16"-18	<b>69NAB108VS</b>	22.14	5
3/4"	1/2"	1"-18	<b>69NAB128VS</b>	37.30	5
3/4"	3/4"	1"-18	<b>69NAB1212VS</b>	39.87	5

## Union Elbows



## Feature:

- ref. SAE 100201 BA

Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	<b>65NAB4</b>	\$12.60	10
3/8"	17/32"-24	<b>65NAB6</b>	14.53	10
1/2"	11/16"-20	<b>65NAB8</b>	24.55	10
5/8"	13/16"-18	<b>65NAB10</b>	46.80	10

## Bulkhead Union



Tube Size	Pipe Thread	Part #	Price/E	Pkg Qty
1/2"	3/8"	<b>66NBH86</b>	\$40.91	10

## Female Elbows



## Feature:

- ref. SAE 100203 BA

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	5/16"-24	<b>70NAB32</b>	\$62.65	25
1/4"	1/8"	7/16"-24	<b>70NAB42</b>	10.15	25
1/4"	1/4"	7/16"-24	<b>70NAB44</b>	14.13	25
3/8"	1/8"	17/32"-24	<b>70NAB62</b>	15.88	10
3/8"	1/4"	17/32"-24	<b>70NAB64</b>	10.05	10
3/8"	3/8"	17/32"-24	<b>70NAB66</b>	18.82	10
1/2"	3/8"	11/16"-20	<b>70NAB86</b>	25.55	10
1/2"	1/2"	11/16"-20	<b>70NAB88</b>	31.25	10
5/8"	1/2"	13/16"-18	<b>70NAB108</b>	58.11	10

## 45° Elbows



## Features:

- ref. SAE 100302 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16"-24	<b>79NAB42VS</b>	\$9.65	10
1/4"	1/4"	7/16"-24	<b>79NAB44VS</b>	10.80	10
3/8"	1/8"	17/32"-24	<b>79NAB62VS</b>	11.02	10
3/8"	1/4"	17/32"-24	<b>79NAB64VS</b>	10.20	10
3/8"	3/8"	17/32"-24	<b>79NAB66VS</b>	12.51	10
3/8"	1/2"	17/32"-24	<b>79NAB68VS</b>	17.66	10
1/2"	1/4"	11/16"-20	<b>79NAB84VS</b>	15.60	10
1/2"	3/8"	11/16"-20	<b>79NAB86VS</b>	16.00	10
1/2"	1/2"	11/16"-20	<b>79NAB88VS</b>	21.82	10
5/8"	3/8"	13/16"-18	<b>79NAB106VS</b>	28.95	5
5/8"	1/2"	13/16"-18	<b>79NAB108VS</b>	25.97	5
3/4"	1/2"	1"-18	<b>79NAB128VS</b>	37.79	2

## Air Brake Fittings

### Male Branch Tees



**Features:**

- ref. SAE 100425 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/8"	7/16"-24	<b>72NAB32VS</b>	<b>\$117.00</b>	10
1/4"	1/8"	7/16"-24	<b>72NAB42VS</b>	<b>15.79</b>	10
1/4"	1/4"	7/16"-24	<b>72NAB44VS</b>	<b>15.79</b>	10
3/8"	1/8"	17/32"-24	<b>72NAB62VS</b>	<b>18.90</b>	10
3/8"	1/4"	17/32"-24	<b>72NAB64VS</b>	<b>17.46</b>	10
3/8"	3/8"	17/32"-24	<b>72NAB66VS</b>	<b>18.95</b>	10
1/2"	1/4"	11/16"-20	<b>72NAB84VS</b>	<b>25.34</b>	10
1/2"	3/8"	11/16"-20	<b>72NAB86VS</b>	<b>25.76</b>	10
1/2"	1/2"	11/16"-20	<b>72NAB88VS</b>	<b>32.20</b>	10
5/8"	1/2"	13/16"-18	<b>72NAB108VS</b>	<b>49.45</b>	10

### Union Tees



**Feature:**

- ref. SAE 100401 BA

Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	7/16"-24	<b>64NAB4</b>	<b>\$16.02</b>	25
3/8"	17/32"-24	<b>64NAB6</b>	<b>17.76</b>	25
1/2"	11/16"-20	<b>64NAB8</b>	<b>31.35</b>	10
5/8"	13/16"-18	<b>64NAB10</b>	<b>49.25</b>	10

F

### Male Run Tees



**Features:**

- ref. SAE 100424 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16"-24	<b>71NAB42VS</b>	<b>\$14.55</b>	25
1/4"	1/4"	7/16"-24	<b>71NAB44VS</b>	<b>19.13</b>	10
3/8"	1/4"	17/32"-24	<b>71NAB64VS</b>	<b>17.04</b>	10
3/8"	3/8"	17/32"-24	<b>71NAB66VS</b>	<b>21.60</b>	10
1/2"	3/8"	11/16"-20	<b>71NAB86VS</b>	<b>27.95</b>	10
1/2"	1/2"	11/16"-20	<b>71NAB88VS</b>	<b>35.96</b>	10
5/8"	1/2"	13/16"-18	<b>71NAB108VS</b>	<b>48.35</b>	10

### Sleeves



**Feature:**

- ref. SAE 100115

Tube Size	Part #	Price/E	Pkg Qty
3/16"	<b>60NAB3</b>	<b>\$1.13</b>	100
1/4"	<b>60NAB4</b>	<b>0.60</b>	100
3/8"	<b>60NAB6</b>	<b>0.80</b>	100
1/2"	<b>60NAB8</b>	<b>0.92</b>	100
5/8"	<b>60NAB10</b>	<b>1.92</b>	100
3/4"	<b>60NAB12</b>	<b>2.50</b>	50

### Inserts



**Feature:**

- for SAE J844 tubing

Tube Size	302/304 Stainless Steel Part #	Price/E	Pkg Qty
1/4"	<b>63NAB4</b>	<b>\$0.94</b>	200
3/8"	<b>63NAB6</b>	<b>1.00</b>	200
1/2"	<b>63NAB8</b>	<b>1.11</b>	100
5/8"	<b>63NAB10</b>	<b>2.55</b>	100
3/4"	<b>63NAB12</b>	<b>4.16</b>	100

### Nuts



**Feature:**

- ref. SAE 100110

Tube Size	Male NPT	Part #	Price/E	Pkg Qty
3/16"	5/16"-24	<b>61NAB3</b>	<b>\$3.60</b>	100
1/4"	7/16"-24	<b>61NAB4</b>	<b>1.29</b>	100
3/8"	17/32"-24	<b>61NAB6</b>	<b>1.80</b>	100
1/2"	11/16"-20	<b>61NAB8</b>	<b>3.40</b>	50
5/8"	13/16"-18	<b>61NAB10</b>	<b>5.56</b>	25
3/4"	1"-18	<b>61NAB12</b>	<b>8.10</b>	25



## Air Brake Fittings - Rubber Hose

### Application:

- for use with SAEJ1402 air brake hose in making hose assemblies

### Features:

- will meet D.O.T. FMVSS 571-106 standards when used with SAE J1402 Air Brake Hose
- working pressure: up to **225 PSI**
- temperature: **-50°F to 212°F**

### Assembly Guide:

1. Slide nut onto hose
2. Slide sleeve onto hose with tapered edge toward fitting body
3. Firmly bottom the hose into fittings
4. Screw nut onto body until it contacts the fittings body's hex

### Springs

Hose Size	Length	Brass Alloy 360 Part #	Price/E
3/8"	2.70"	<b>56RBSG-06</b>	<b>\$2.41</b>
1/2"	2.70"	<b>56RBSG-08</b>	<b>2.50</b>



F

### Spring Guard Nuts

Hose Size	Straight Thread	Brass Alloy 360 Part #	Price/E
3/8"	31/32"-20	<b>61RBSG-06</b>	<b>\$5.90</b>
1/2"	1-3/32-20	<b>61RBSG-08</b>	<b>10.45</b>



### Hose Nuts and Attached Springs

Hose Size	Length	Brass Alloy 360 Part #	Price/E
3/8"	3.55"	<b>67RBSG-06</b>	<b>\$7.21</b>
1/2"	3.50"	<b>67RBSG-08</b>	<b>13.91</b>



### Male Connectors - Body Only

Tube OD	Pipe Thread	Straight Thread	Hex	Brass Alloy 360 Part #	Price/E
3/8"	1/4"	31/32"-20	31/32"	<b>68RB-0604B</b>	<b>\$7.05</b>
3/8"	3/8"	31/32"-20	31/32"	<b>68RB-0606B</b>	<b>7.32</b>
3/8"	1/2"	31/32"-20	31/32"	<b>68RB-0608B</b>	<b>9.40</b>
1/2"	3/8"	1-3/32"-20	1-1/8"	<b>68RB-0806B</b>	<b>14.00</b>
1/2"	1/2"	1-3/32"-20	1-1/8"	<b>68RB-0808B</b>	<b>16.85</b>



### Male Connectors with Spring Guard

Hose Size	Pipe Thread	Hex	Brass Alloy 360 Part #	Price/E
3/8"	1/4"	1-1/16"	<b>68RBSG-0604</b>	<b>\$16.06</b>
3/8"	3/8"	1-1/16"	<b>68RBSG-0606</b>	<b>16.70</b>
3/8"	1/2"	1-1/16"	<b>68RBSG-0608</b>	<b>17.95</b>
1/2"	3/8"	1-1/4"	<b>68RBSG-0806</b>	<b>29.15</b>
1/2"	1/2"	1-1/4"	<b>68RBSG-0808</b>	<b>30.55</b>



### Sleeves

Hose Size	Length	Brass Alloy 360 Part #	Price/E
3/8"	.64"	<b>60RB-06</b>	<b>\$3.15</b>
1/2"	.64"	<b>60RB-08</b>	<b>3.72</b>



### Nuts

Hose Size	Thread	Hex	Brass Alloy 360 Part #	Price/E
3/8"	31/32"-20"	1-1/32"	<b>61RB-06</b>	<b>\$6.08</b>
3/8"	1-3/32-20"	1-1/4"	<b>61RB-08</b>	<b>9.82</b>



## 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 370



F

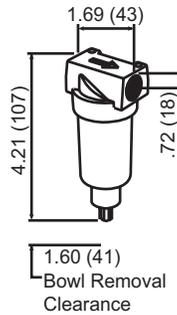
Tube Size	Tubing Color	Part #	Price/E
3/16"	black	<b>J844-03-BL-100</b>	<b>\$78.00</b>
1/4"	black	<b>J844-04-BL-100</b>	<b>99.00</b>
1/4"	blue	<b>J844-04-B-100</b>	<b>99.00</b>
1/4"	red	<b>J844-04-R-100</b>	<b>99.00</b>
3/8"	black	<b>J844-06-BL-100</b>	<b>258.40</b>
3/8"	blue	<b>J844-06-B-100</b>	<b>258.40</b>
3/8"	red	<b>J844-06-R-100</b>	<b>258.40</b>
1/2"	black	<b>J844-08-BL-100</b>	<b>352.00</b>
5/8"	black	<b>J844-10-BL-100</b>	<b>596.40</b>
3/4"	black	<b>J844-12-BL-100</b>	<b>885.00</b>



## Wilkerson Miniature Filters

### Features:

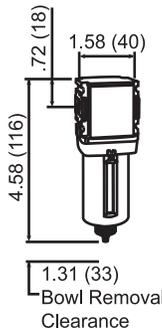
- excellent water removal efficiency
- 5 micron element
- .5 oz. bowl
- maximum operating conditions:
  - transparent bowl: **150 PSIG** (10 bar) and **32°F to 125°F** (0°C to 52°C)
  - metal bowl: **250 PSIG** (17 bar) and **32°F to 175°F** (0°C to 80°C)



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	<b>F03-01A</b>	<b>\$59.70</b>	<b>F03-01M</b>	<b>\$50.15</b>	<b>F03-01AMB</b>	<b>\$67.65</b>	<b>F03-01MMB</b>	<b>\$57.85</b>
1/4"	24	<b>F03-02A</b>	<b>59.70</b>	<b>F03-02M</b>	<b>50.15</b>	<b>F03-02AMB</b>	<b>67.65</b>	<b>F03-02MMB</b>	<b>57.85</b>

### 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)



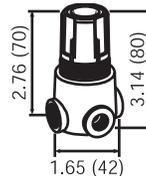
Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1/4"	50	<b>F08-02A</b>	<b>\$62.35</b>	<b>F08-02M</b>	<b>\$52.50</b>	<b>F08-02AMB</b>	<b>\$66.30</b>	<b>F08-02MMB</b>	<b>\$58.80</b>

See pages 233-236 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	<b>R03-01RG</b>	<b>\$55.15</b>	<b>R03-01R</b>	<b>\$38.45</b>
1/4"	15	<b>R03-02RG</b>	<b>55.15</b>	<b>R03-02R</b>	<b>38.45</b>

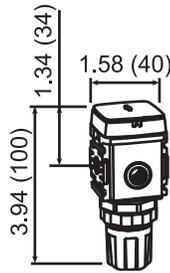
See pages 233-236 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

## Wilkerson Miniature Regulators

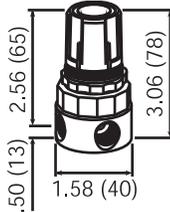


### Features:

- 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)**

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	44	<b>R08-02RG</b>	<b>\$65.00</b>	<b>R08-02R</b>	<b>\$46.30</b>

## 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)**

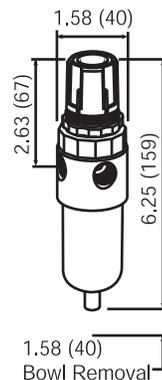
Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	11	<b>RB3-01RG</b>	<b>\$69.75</b>	<b>RB3-01R</b>	<b>\$53.05</b>
1/4"	14	<b>RB3-02RG</b>	<b>69.75</b>	<b>RB3-02R</b>	<b>53.05</b>

See pages 236-238 for regulator accessories.

## Wilkerson Miniature Filter / Regulators



transparent bowl



### 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)**

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"	13	<b>BB3-01AG</b>	<b>\$130.75</b>	<b>BB3-01MG</b>	<b>\$120.80</b>	<b>BB3-01AGMB</b>	<b>\$138.90</b>	<b>BB3-01MGMB</b>	<b>\$128.90</b>
1/4"	16	<b>BB3-02AG</b>	<b>130.75</b>	<b>BB3-02MG</b>	<b>120.80</b>	<b>BB3-02AGMB</b>	<b>138.90</b>	<b>BB3-02MGMB</b>	<b>128.90</b>



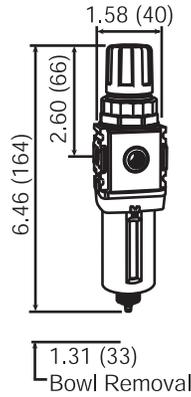
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

## Wilkerson Miniature Filter / Regulators

### 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)



metal bowl

F

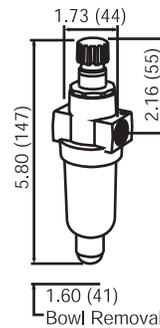
Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
¼"	42.1	<b>B08-02AG</b>	<b>\$114.30</b>	<b>B08-02MG</b>	<b>\$104.75</b>	<b>B08-02AGMB</b>	<b>\$135.80</b>	<b>B08-02MGMB</b>	<b>\$126.25</b>

See pages 241-242 for filter/regulator accessories.

## Wilkerson Miniature Lubricators

### 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)

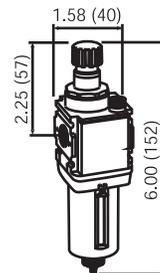


transparent bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
⅛"	20	<b>L03-01A</b>	<b>\$76.65</b>	<b>L03-01AMB</b>	<b>\$84.60</b>
¼"	20	<b>L03-02A</b>	<b>76.65</b>	<b>L03-02AMB</b>	<b>84.60</b>

### 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)



metal bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
¼"	57.5	<b>L08-02A</b>	<b>\$74.25</b>	<b>L08-02AMB</b>	<b>\$79.90</b>

See pages 239-241 for lubricator accessories. See page 156 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

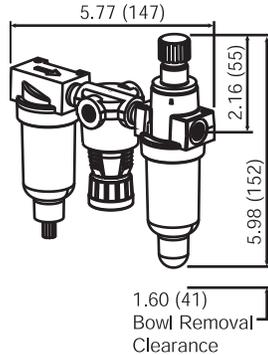
SCFM ratings at 150 PSIG inlet pressure.

## Wilkerson Miniature Combination Units (Filter, Regulator, Lubricator)

F



transparent bowl

**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

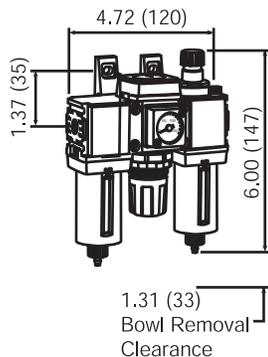
**Lubricator series L03:**

- 1 oz. bowl
- adjustable oil feed
- full view sight dome

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"	20	<b>C03-01A</b>	<b>\$236.70</b>	<b>C03-01M</b>	<b>\$227.15</b>	<b>C03-01AMB</b>	<b>\$252.60</b>	<b>C03-01MMB</b>	<b>\$242.80</b>
1/4"	20	<b>C03-02A</b>	<b>237.25</b>	<b>C03-02M</b>	<b>227.70</b>	<b>C03-02AMB</b>	<b>253.15</b>	<b>C03-02MMB</b>	<b>243.35</b>



metal bowl

**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

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"	44	<b>C08-02A</b>	<b>\$269.60</b>	<b>C08-02M</b>	<b>\$259.75</b>	<b>C08-02AMB</b>	<b>\$279.20</b>	<b>C08-02MMB</b>	<b>\$271.70</b>



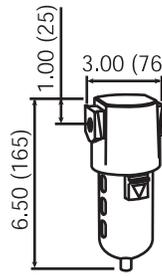
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

## Wilkerson Airline Compact Filters

## 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)

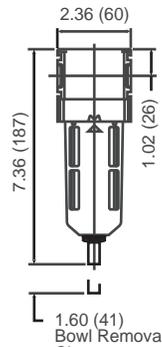


with guard

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"	63.0	<b>F16-02A</b>	<b>\$188.00</b>	<b>F16-02M</b>	<b>\$129.70</b>	<b>F16-02AMB</b>	<b>\$205.50</b>	<b>F16-02MMB</b>	<b>\$147.20</b>
⅜"	74.1	<b>F16-03A</b>	<b>188.00</b>	<b>F16-03M</b>	<b>129.70</b>	<b>F16-03AMB</b>	<b>205.50</b>	<b>F16-03MMB</b>	<b>147.20</b>
½"	80.4	<b>F16-04A</b>	<b>188.00</b>	<b>F16-04M</b>	<b>129.70</b>	<b>F16-04AMB</b>	<b>205.50</b>	<b>F16-04MMB</b>	<b>147.20</b>

## 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)



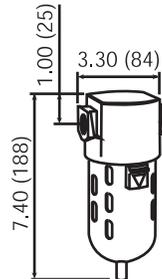
transparent bowl with guard

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
¼"	110	<b>F18-02A</b>	<b>\$154.10</b>	<b>F18-02M</b>	<b>\$95.75</b>	<b>F18-02AMB</b>	<b>\$160.20</b>	<b>F18-02MMB</b>	<b>\$107.60</b>
⅜"	120	<b>F18-03A</b>	<b>154.10</b>	<b>F18-03M</b>	<b>95.75</b>	<b>F18-03AMB</b>	<b>160.20</b>	<b>F18-03MMB</b>	<b>107.60</b>
½"	145	<b>F18-04A</b>	<b>154.10</b>	<b>F18-04M</b>	<b>95.75</b>	<b>F18-04AMB</b>	<b>160.20</b>	<b>F18-04MMB</b>	<b>107.60</b>

## Wilkerson Airline Standard Filters

## 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)



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
¼"	81.3	<b>F26-02A</b>	<b>\$233.60</b>	<b>F26-02M</b>	<b>\$175.30</b>	<b>F26-02AMB</b>	<b>\$253.00</b>	<b>F26-02MMB</b>	<b>\$194.40</b>
⅜"	117.8	<b>F26-03A</b>	<b>233.60</b>	<b>F26-03M</b>	<b>175.30</b>	<b>F26-03AMB</b>	<b>253.00</b>	<b>F26-03MMB</b>	<b>194.40</b>
½"	149.8	<b>F26-04A</b>	<b>233.60</b>	<b>F26-04M</b>	<b>175.30</b>	<b>F26-04AMB</b>	<b>253.00</b>	<b>F26-04MMB</b>	<b>194.40</b>

See pages 233-236 for filter accessories.



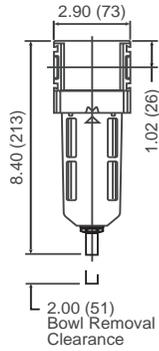
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

## Wilkerson Airline Standard Filters



with metal bowl



**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)

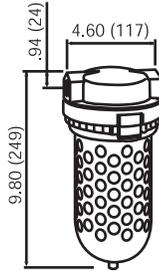
F

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	<b>F28-03A</b>	<b>\$190.40</b>	<b>F28-03M</b>	<b>\$131.80</b>	<b>F28-03AMB</b>	<b>\$196.25</b>	<b>F28-03MMB</b>	<b>\$143.60</b>
1/2"	160	<b>F28-04A</b>	<b>190.40</b>	<b>F28-04M</b>	<b>131.80</b>	<b>F28-04AMB</b>	<b>196.25</b>	<b>F28-04MMB</b>	<b>143.60</b>
3/4"	165	<b>F28-06A</b>	<b>190.40</b>	<b>F28-06M</b>	<b>131.80</b>	<b>F28-06AMB</b>	<b>196.25</b>	<b>F28-06MMB</b>	<b>143.60</b>

## Wilkerson Airline Jumbo Filters



with guard



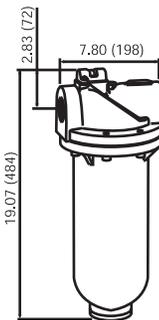
**Features:**

- 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)

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	<b>F30-06A</b>	<b>\$354.55</b>	<b>F30-06M</b>	<b>\$296.20</b>	<b>F30-06AMB</b>	<b>\$412.35</b>	<b>F30-06MMB</b>	<b>\$353.75</b>
1"	323	<b>F30-08A</b>	<b>354.55</b>	<b>F30-08M</b>	<b>296.20</b>	<b>F30-08AMB</b>	<b>412.35</b>	<b>F30-08MMB</b>	<b>353.75</b>



with metal bowl



**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)

Size	Flow (SCFM)	With Heavy Duty Metal Bowl			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1 1/2"	1280	<b>F35-0BAMB</b>	<b>\$1393.95</b>	<b>F35-0BMMB</b>	<b>\$1335.60</b>
2"	1400	<b>F35-0CAMB</b>	<b>1393.95</b>	<b>F35-0CMMB</b>	<b>1335.60</b>

See pages 233-236 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

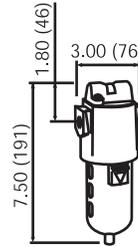
## Wilkerson Modular Coalescing Filters



- 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)**

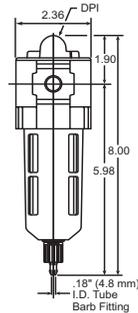


with guard

Size	Flow (SCFM)	With Compact Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	37.0	<b>M16-02A</b>	<b>\$296.45</b>	<b>M16-02M</b>	<b>\$237.85</b>
⅜"	44.7	<b>M16-03A</b>	<b>296.45</b>	<b>M16-03M</b>	<b>237.85</b>
½"	46.1	<b>M16-04A</b>	<b>296.45</b>	<b>M16-04M</b>	<b>237.85</b>

### Features:

- high-efficiency removal of water, oil aerosols, and solid particulate contaminants down to 0.01 mg/m<sup>3</sup> 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)**

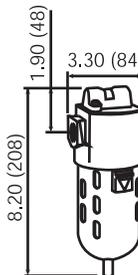


with guard

Size	Flow (SCFM)	With Compact Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	40.0	<b>M18-02A</b>	<b>\$245.55</b>	<b>M18-02M</b>	<b>\$187.20</b>
⅜"	44.0	<b>M18-03A</b>	<b>245.55</b>	<b>M18-03M</b>	<b>187.20</b>
½"	48.0	<b>M18-04A</b>	<b>245.55</b>	<b>M18-04M</b>	<b>187.20</b>

### 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)**



with guard

Size	Flow (SCFM)	With Standard Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	55.0	<b>M26-02A</b>	<b>\$362.75</b>	<b>M26-02M</b>	<b>\$304.40</b>
⅜"	65.5	<b>M26-03A</b>	<b>362.75</b>	<b>M26-03M</b>	<b>304.40</b>
½"	79.5	<b>M26-04A</b>	<b>362.75</b>	<b>M26-04M</b>	<b>304.40</b>

See pages 233-236 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

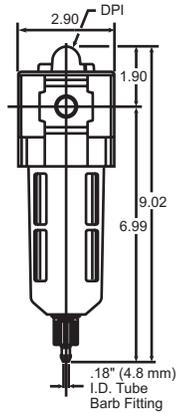
## Wilkerson Modular Coalescing Filters



- 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



with guard



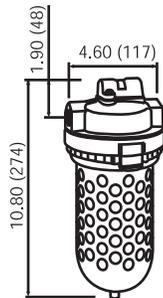
**Features:**

- high-efficiency removal of water, oil aerosols, and solid particulate contaminants down to 0.01 mg/m<sup>3</sup> 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)**

Size	Flow (SCFM)	With Standard Transparent Bowl and Guard			
		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	82.0	<b>M28-03A</b>	<b>\$287.70</b>	<b>M28-03M</b>	<b>\$229.40</b>
1/2"	90.0	<b>M28-04A</b>	<b>287.70</b>	<b>M28-04M</b>	<b>229.40</b>
3/4"	98.0	<b>M28-06A</b>	<b>287.70</b>	<b>M28-06M</b>	<b>229.40</b>



with guard



**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)**

Size	Flow (SCFM)	With Jumbo Transparent Bowl and Guard	
		Automatic Drain	
		Part #	Price/E
1/2"	123	<b>M30-04A</b>	<b>\$619.15</b>
3/4"	173	<b>M30-06A</b>	<b>619.15</b>
1"	203	<b>M30-08A</b>	<b>619.15</b>

See pages 233-236 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

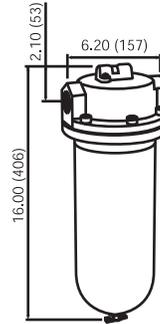
## Wilkerson Heavy Duty Modular Coalescing Filters



- 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

### Features:

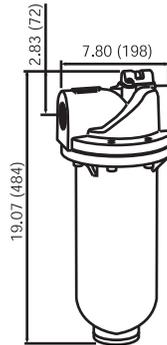
- 0.01 micron type C element
- 1 qt. bowl
- differential pressure indicator eliminates the guesswork of element placement
- maximum operating conditions:  
**150 PSIG** (10.3 bar) and **32°F to 150°F** (0°C to 65.5°C)



Size	Flow (SCFM)	With Metal Bowl	
		Automatic Drain	Price/E
1¼"	741	Part # <b>M32-0AAMB</b>	<b>\$1775.75</b>

### 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
1½"	710	Part # <b>M35-0BAMB</b>	<b>\$1891.60</b>
2"	710	Part # <b>M35-0CAMB</b>	<b>1891.60</b>

See pages 233-236 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:

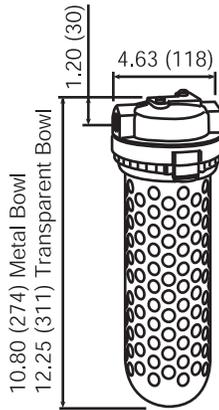
- Manual air dryers are used to remove water vapor from compressed air systems, in applications such as paint spraying, laboratory instruments and small control air systems. Filtration for absorber type dryers is important to protect the desiccant bed from contamination. Cleaner incoming air will result 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.



with metal bowl



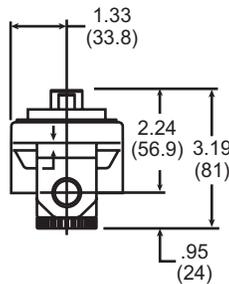
### Features:

- 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)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	10	<b>X03-02</b>	<b>\$359.05</b>	<b>X03-02MB</b>	<b>\$464.30</b>

## 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 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 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
1/4"	117	<b>R21-02RG</b>	<b>\$226.75</b>	<b>R21-02R</b>	<b>\$206.05</b>
3/8"	180	<b>R21-03RG</b>	<b>226.75</b>	<b>R21-03R</b>	<b>206.05</b>
1/2"	195	<b>R21-04RG</b>	<b>226.75</b>	<b>R21-04R</b>	<b>206.05</b>
3/4"	220	<b>R21-06RG</b>	<b>226.75</b>	<b>R21-06R</b>	<b>206.05</b>

See pages 236-238 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

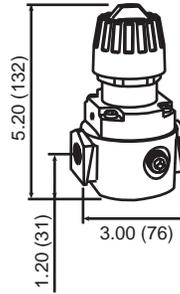
SCFM ratings at 100 PSIG inlet pressure.

## 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 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 conditions:

**300 PSIG** (20.7 bar) and **32°F to 150°F** (0°C to 65.5°C)



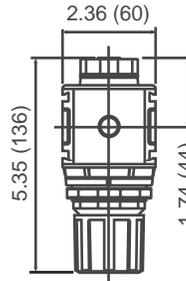
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Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	71.5	<b>R16-02RG</b>	<b>\$123.35</b>	<b>R16-02R</b>	<b>\$102.65</b>
⅜"	80.5	<b>R16-03RG</b>	<b>123.35</b>	<b>R16-03R</b>	<b>102.65</b>
½"	88.0	<b>R16-04RG</b>	<b>123.35</b>	<b>R16-04R</b>	<b>102.65</b>

### 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 ¼" 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)



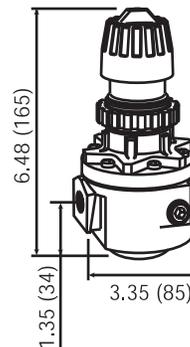
Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	82	<b>R18-02RG</b>	<b>\$94.95</b>	<b>R18-02R</b>	<b>\$74.25</b>
⅜"	97	<b>R18-03RG</b>	<b>94.95</b>	<b>R18-03R</b>	<b>74.25</b>
½"	97	<b>R18-04RG</b>	<b>94.95</b>	<b>R18-04R</b>	<b>74.25</b>

## 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 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 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
¼"	112	<b>R26-02RG</b>	<b>\$177.15</b>	<b>R26-02R</b>	<b>\$156.45</b>
⅜"	148	<b>R26-03RG</b>	<b>177.15</b>	<b>R26-03R</b>	<b>156.45</b>
½"	185	<b>R26-04RG</b>	<b>177.15</b>	<b>R26-04R</b>	<b>156.45</b>

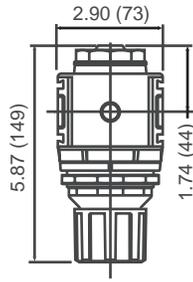
See pages 236-238 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

## Wilkerson Standard Regulators



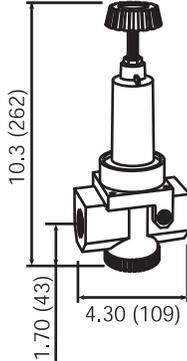
### Features:

- 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 ¼" 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)**

F

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
⅜"	162	<b>R28-03RG</b>	<b>\$136.05</b>	<b>R28-03R</b>	<b>\$115.35</b>
½"	170	<b>R28-04RG</b>	<b>136.05</b>	<b>R28-04R</b>	<b>115.35</b>
¾"	176	<b>R28-06RG</b>	<b>136.05</b>	<b>R28-06R</b>	<b>115.35</b>

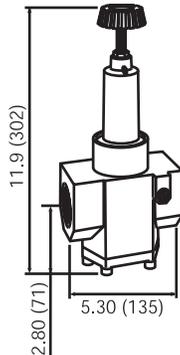
## Wilkerson High Flow Regulators



### 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 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 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
¾"	480	<b>R30-06RG</b>	<b>\$282.15</b>	<b>R30-06R</b>	<b>\$261.45</b>
1"	500	<b>R30-08RG</b>	<b>282.15</b>	<b>R30-08R</b>	<b>261.45</b>
1¼"	800	<b>R30-0ARG</b>	<b>282.15</b>	<b>R30-0AR</b>	<b>261.45</b>



### 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 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 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	<b>R40-0BRG</b>	<b>\$517.35</b>	<b>R40-0BR</b>	<b>\$496.65</b>
2"	1200	<b>R40-0CRG</b>	<b>517.35</b>	<b>R40-0CR</b>	<b>496.65</b>

See pages 236-238 for regulator accessories.



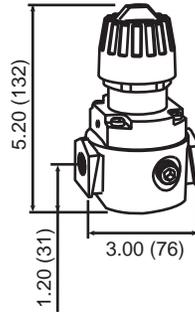
FRL's are designed for air service only, unless otherwise indicated.

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 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 150°F (0°C to 65.5°C)**



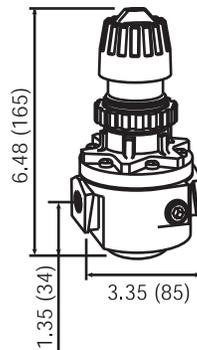
F

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	71.5	<b>R16-02RHG</b>	<b>\$123.35</b>	<b>R16-02RH</b>	<b>\$102.65</b>
⅜"	80.5	<b>R16-03RHG</b>	<b>123.35</b>	<b>R16-03RH</b>	<b>102.65</b>
½"	88.0	<b>R16-04RHG</b>	<b>123.35</b>	<b>R16-04RH</b>	<b>102.65</b>

## 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 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 150°F (0°C to 65.5°C)**



Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	112	<b>R26-02RHG</b>	<b>\$177.15</b>	<b>R26-02RH</b>	<b>\$156.45</b>
⅜"	148	<b>R26-03RHG</b>	<b>177.15</b>	<b>R26-03RH</b>	<b>156.45</b>
½"	185	<b>R26-04RHG</b>	<b>177.15</b>	<b>R26-04RH</b>	<b>156.45</b>

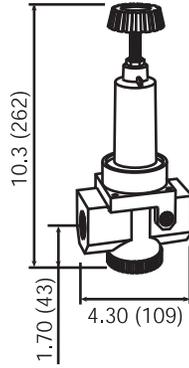
See pages 236-238 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

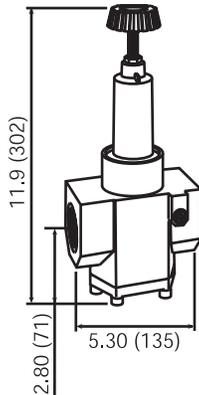
SCFM ratings at 100 PSIG inlet pressure.

## 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)

Size	Flow (SCFM)	With Gauge		Without Gauge	
		Part #	Price/E	Part #	Price/E
¾"	480	<b>R30-06RHG</b>	<b>\$282.15</b>	<b>R30-06RH</b>	<b>\$261.45</b>
1"	500	<b>R30-08RHG</b>	<b>282.15</b>	<b>R30-08RH</b>	<b>261.45</b>
1¼"	800	<b>R30-0ARHG</b>	<b>282.15</b>	<b>R30-0ARH</b>	<b>261.45</b>

**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	<b>R40-0BRHG</b>	<b>\$517.35</b>	<b>R40-0BRH</b>	<b>\$496.65</b>
2"	1200	<b>R40-0CRHG</b>	<b>517.35</b>	<b>R40-0CRH</b>	<b>496.65</b>

See pages 236-238 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

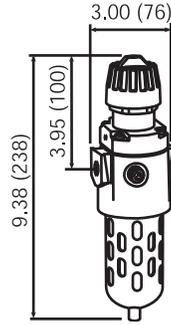
SCFM ratings at 100 PSIG inlet pressure.

## 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.

### 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 ¼" 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)

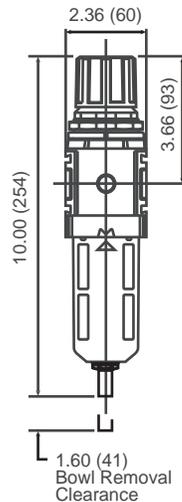


F

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
¼"	64.0	<b>CB6-02AG</b>	<b>\$290.15</b>	<b>CB6-02MG</b>	<b>\$231.65</b>	<b>CB6-02AGMB</b>	<b>\$307.70</b>	<b>CB6-02MGMB</b>	<b>\$249.20</b>
⅜"	70.0	<b>CB6-03AG</b>	<b>290.15</b>	<b>CB6-03MG</b>	<b>231.65</b>	<b>CB6-03AGMB</b>	<b>307.70</b>	<b>CB6-03MGMB</b>	<b>249.20</b>
½"	70.0	<b>CB6-04AG</b>	<b>290.15</b>	<b>CB6-04MG</b>	<b>231.65</b>	<b>CB6-04AGMB</b>	<b>307.70</b>	<b>CB6-04MGMB</b>	<b>249.20</b>

### Features:

- 5-125 PSIG adjusting range for transparent bowl with guard
- 10-250 PSIG adjusting range for metal bowl with sight glass
- 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 ¼" 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
¼"	88	<b>B18-02AG</b>	<b>\$243.10</b>	<b>B18-02MG</b>	<b>\$183.45</b>	<b>B18-02AGMB</b>	<b>\$247.15</b>	<b>B18-02MGMB</b>	<b>\$187.50</b>
⅜"	117	<b>B18-03AG</b>	<b>243.10</b>	<b>B18-03MG</b>	<b>183.45</b>	<b>B18-03AGMB</b>	<b>247.15</b>	<b>B18-03MGMB</b>	<b>187.50</b>
½"	121	<b>B18-04AG</b>	<b>243.10</b>	<b>B18-04MG</b>	<b>183.45</b>	<b>B18-04AGMB</b>	<b>247.15</b>	<b>B18-04MGMB</b>	<b>187.50</b>

See page 241-242 for filter/regulator accessories.



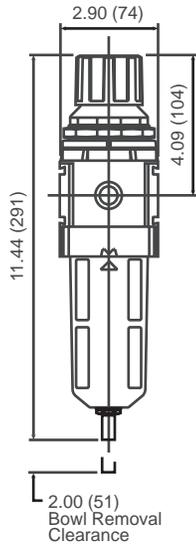
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 100 PSIG inlet pressure.

## Wilkerson Standard Filter / Regulators



with transparent bowl



### Features:

- 5-125 PSIG adjusting range for transparent bowl with guard
- 10-250 PSIG adjusting range for metal bowl with sight glass
- 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)

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	<b>B28-03AG</b>	<b>\$280.70</b>	<b>B28-03MG</b>	<b>\$221.15</b>	<b>B28-03AGMB</b>	<b>\$285.50</b>	<b>B28-03MGMB</b>	<b>\$225.90</b>
1/2"	165	<b>B28-04AG</b>	<b>280.70</b>	<b>B28-04MG</b>	<b>221.15</b>	<b>B28-04AGMB</b>	<b>285.50</b>	<b>B28-04MGMB</b>	<b>225.90</b>
3/4"	175	<b>B28-06AG</b>	<b>280.70</b>	<b>B28-06MG</b>	<b>221.15</b>	<b>B28-06AGMB</b>	<b>285.50</b>	<b>B28-06MGMB</b>	<b>225.90</b>

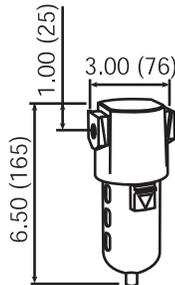
See page 241-242 for filter/regulator accessories.  
SCFM ratings at 100 PSIG inlet pressure.

## 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.



transparent bowl with guard



### 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)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1/4"	36.1	<b>L16-02A</b>	<b>\$154.60</b>	<b>L16-02AMB</b>	<b>\$172.10</b>
3/8"	58.5	<b>L16-03A</b>	<b>154.60</b>	<b>L16-03AMB</b>	<b>172.10</b>
1/2"	64.0	<b>L16-04A</b>	<b>154.60</b>	<b>L16-04AMB</b>	<b>172.10</b>

See pages 239-241 for lubricator accessories. See page 156 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.

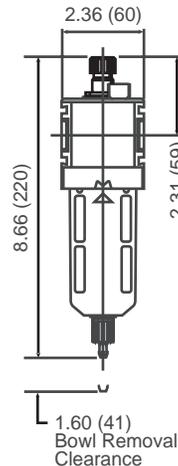
### Type of oil to use:

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 156 for air tool lubricants.

## Wilkerson EconOmist® Compact Lubricators

### 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)



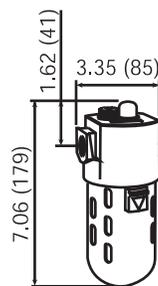
with metal bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
¼"	88	<b>L18-02A</b>	<b>\$117.50</b>	<b>L18-02AMB</b>	<b>\$128.30</b>
⅜"	90	<b>L18-03A</b>	<b>117.50</b>	<b>L18-03AMB</b>	<b>128.30</b>
½"	96	<b>L18-04A</b>	<b>117.50</b>	<b>L18-04AMB</b>	<b>128.30</b>

## Wilkerson EconOmist® Standard Lubricators

### 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)



with metal bowl

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl <sup>1</sup>	
		Part #	Price/E	Part #	Price/E
¼"	35	<b>L26-02A</b>	<b>\$189.35</b>	<b>L26-02AMB</b>	<b>\$208.70</b>
⅜"	60	<b>L26-03A</b>	<b>189.35</b>	<b>L26-03AMB</b>	<b>208.70</b>
½"	128	<b>L26-04A</b>	<b>189.35</b>	<b>L26-04AMB</b>	<b>208.70</b>

<sup>1</sup> metal bowl has sight gauge with brass petcock drain

See pages 239-241 for lubricator accessories. See page 156 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

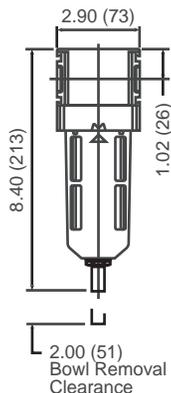
SCFM ratings at 150 PSIG inlet pressure.

## Wilkerson EconOmist® Standard Lubricators

F



with metal bowl



**Features:**

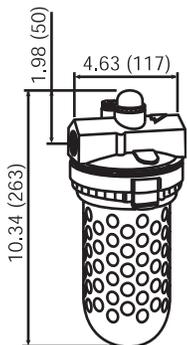
- 6.11 oz. bowl
- manual drain
- high flow capacity
- can be filled under pressure
- To adjust and set oil delivery rate the unit must be pressurized and air must be flowing through the unit. Turn the sight dome, located on the top of the unit, counter clockwise to initiate oil delivery. If flow increases 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)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	176	<b>L28-03A</b>	<b>\$143.75</b>	<b>L28-03AMB</b>	<b>\$154.65</b>
1/2"	184	<b>L28-04A</b>	<b>143.75</b>	<b>L28-04AMB</b>	<b>154.65</b>
3/4"	200	<b>L28-06A</b>	<b>143.75</b>	<b>L28-06AMB</b>	<b>154.65</b>

SCFM ratings given at 150 PSIG inlet pressure.



with metal bowl



**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)

Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/4"	196	<b>L30-06A</b>	<b>\$292.50</b>	<b>L30-06AMB</b>	<b>\$350.00</b>
1"	374	<b>L30-08A</b>	<b>292.50</b>	<b>L30-08AMB</b>	<b>350.00</b>

See pages 239-241 for lubricator accessories. See page 156 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)

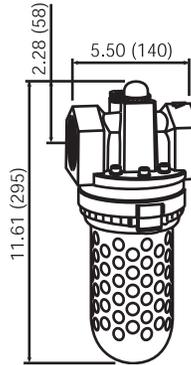


illustration represents L40 series



transparent bowl with guard



Size	Flow (SCFM)	With Transparent Bowl		With Metal Bowl	
		Part #	Price/E	Part #	Price/E
1¼"	927	<b>L40-0AA</b>	<b>\$661.30</b>	<b>L40-0AAMB</b>	<b>\$719.10</b>
1½"	927	<b>L40-0BA</b>	<b>661.30</b>	<b>L40-0BAMB</b>	<b>719.10</b>
2"	1186	<b>L50-0CA</b>	<b>897.05</b>	<b>L50-0CAMB</b>	<b>954.55</b>

See pages 239-241 for lubricator accessories. See page 156 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

**Filter series F16:**

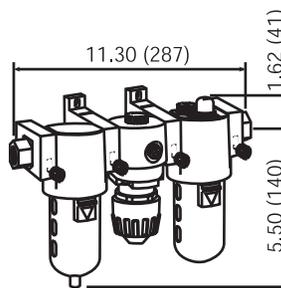
- 5 micron element
- 5 oz. bowl

**Regulator series R16:**

- 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

**Lubricator series L16:**

- 5 oz. bowl
- adjustable oil feed
- full view sight dome



transparent bowl with guard

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	<b>C16-02A</b>	<b>\$635.60</b>	<b>C16-02M</b>	<b>\$577.30</b>	<b>C16-02AMB</b>	<b>\$670.60</b>	<b>C16-02MMB</b>	<b>\$612.30</b>
⅜"	58.5	<b>C16-03A</b>	<b>635.60</b>	<b>C16-03M</b>	<b>577.30</b>	<b>C16-03AMB</b>	<b>670.60</b>	<b>C16-03MMB</b>	<b>612.30</b>
½"	64.0	<b>C16-04A</b>	<b>635.60</b>	<b>C16-04M</b>	<b>577.30</b>	<b>C16-04AMB</b>	<b>670.60</b>	<b>C16-04MMB</b>	<b>612.30</b>



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:

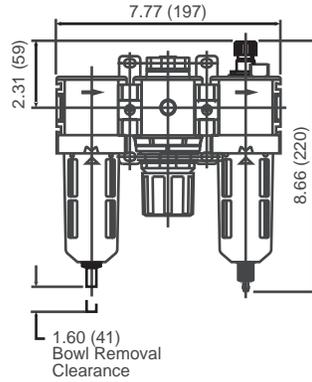
- 5 micron element
  - 4 oz. bowl
- ### Regulator series R18:
- 0-125 PSI adjusting range
  - self-relieving
  - supplied with a GC230 gauge

### Lubricator series L18:

- 4.09 oz. bowl
- adjustable oil feed
- full view sight dome



with metal bowl



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"	110	<b>C18-02A</b>	<b>\$540.25</b>	<b>C18-02M</b>	<b>\$481.90</b>	<b>C18-02AMB</b>	<b>\$557.15</b>	<b>C18-02MMB</b>	<b>\$504.55</b>
3/8"	160	<b>C18-03A</b>	<b>540.25</b>	<b>C18-03M</b>	<b>481.90</b>	<b>C18-03AMB</b>	<b>557.15</b>	<b>C18-03MMB</b>	<b>504.55</b>
1/2"	160	<b>C18-04A</b>	<b>540.25</b>	<b>C18-04M</b>	<b>481.90</b>	<b>C18-04AMB</b>	<b>557.15</b>	<b>C18-04MMB</b>	<b>504.55</b>

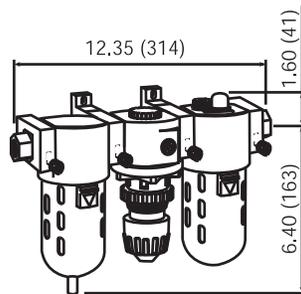
## Wilkerson Standard Combination Units

### 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



with metal bowl



### 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

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"	35	<b>C26-02A</b>	<b>\$769.75</b>	<b>C26-02M</b>	<b>\$711.40</b>	<b>C26-02AMB</b>	<b>\$808.50</b>	<b>C26-02MMB</b>	<b>\$749.90</b>
3/8"	60	<b>C26-03A</b>	<b>769.75</b>	<b>C26-03M</b>	<b>711.40</b>	<b>C26-03AMB</b>	<b>808.50</b>	<b>C26-03MMB</b>	<b>749.90</b>
1/2"	128	<b>C26-04A</b>	<b>769.75</b>	<b>C26-04M</b>	<b>711.40</b>	<b>C26-04AMB</b>	<b>808.50</b>	<b>C26-04MMB</b>	<b>749.90</b>



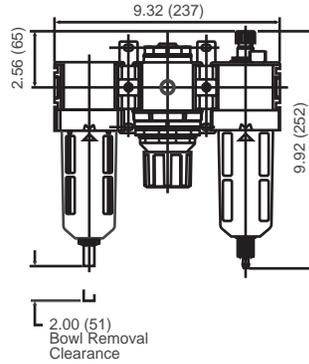
FRL's are designed for air service only, unless otherwise indicated.

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

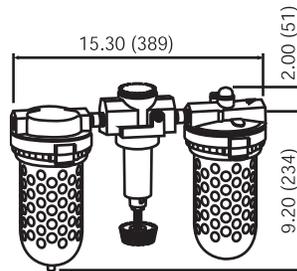
Size	Flow (SCFM)	With Transparent Bowl and Guard				With Metal Bowl			
		Automatic Drain		Manual Drain		Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
3/8"	150	<b>C28-03A</b>	<b>\$643.90</b>	<b>C28-03M</b>	<b>\$585.30</b>	<b>C28-03AMB</b>	<b>\$660.65</b>	<b>C28-03MMB</b>	<b>\$608.00</b>
1/2"	175	<b>C28-04A</b>	<b>643.90</b>	<b>C28-04M</b>	<b>585.30</b>	<b>C28-04AMB</b>	<b>660.65</b>	<b>C28-04MMB</b>	<b>608.00</b>
3/4"	175	<b>C28-06A</b>	<b>643.90</b>	<b>C28-06M</b>	<b>585.30</b>	<b>C28-06AMB</b>	<b>660.65</b>	<b>C28-06MMB</b>	<b>608.00</b>

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	<b>C31-06A</b>	<b>\$984.20</b>	<b>C31-06M</b>	<b>\$925.85</b>	<b>C31-06AMB</b>	<b>\$1099.50</b>	<b>C31-06MMB</b>	<b>\$1040.90</b>
1"	374	<b>C31-08A</b>	<b>976.20</b>	<b>C31-08M</b>	<b>917.85</b>	<b>C31-08AMB</b>	<b>1091.50</b>	<b>C31-08MMB</b>	<b>1032.90</b>



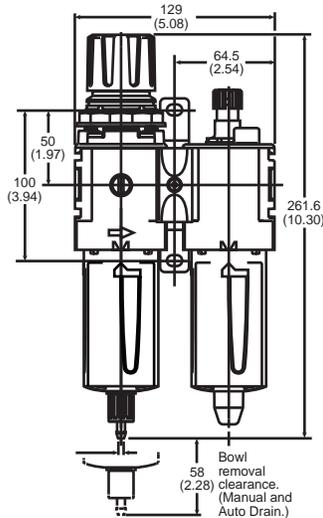
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 120 PSIG inlet pressure.

## Wilkerson Combination Units



with transparent bowl and guard



**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

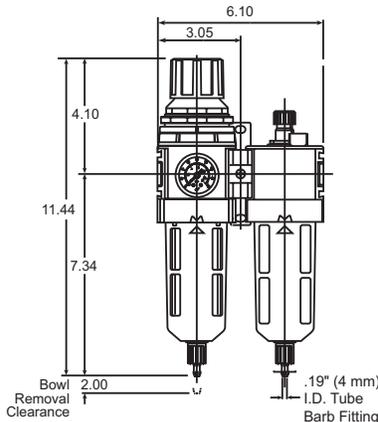
Size	Flow (SCFM)	With Transparent Bowl and Guard		With Metal Bowl / Sight Gauge	
		Manual Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	150	<b>D18-04M</b>	<b>\$321.65</b>	<b>D18-04MMB</b>	<b>\$329.35</b>

SCFM ratings at 150 PSIG inlet pressure.

## Wilkerson Combination Units



with metal bowl



**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

Size	Flow (SCFM)	With Metal Bowl and Sight Gauge	
		Manual Drain	
		Part #	Price/E
1/2"	110	<b>D28-04MMB</b>	<b>\$394.30</b>
3/4"	175	<b>D28-06MMB</b>	<b>394.30</b>



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

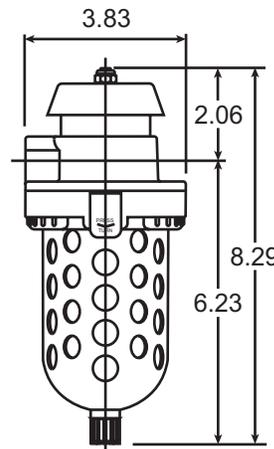


Size	Part #	Price/E
1"	<b>C31-08FRAME</b>	<b>\$2045.00</b>

## 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	<b>F23-04M</b>	<b>\$202.60</b>



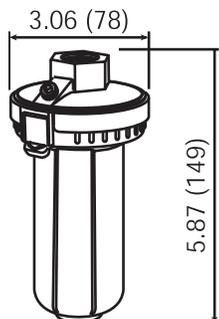
FRL's are designed for air service only, unless otherwise indicated.

## 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.



with metal bowl



### 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)

Size	With Transparent Bowl		With Metal Bowl	
	Part #	Price/E	Part #	Price/E
1/2"	<b>X02-04</b>	<b>\$140.80</b>	<b>X02-04MB</b>	<b>\$155.95</b>

## 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"	<b>LV4N6D</b>	<b>\$359.30</b>
3/4"	3/4"	<b>LV6N6D</b>	<b>359.30</b>
3/4"	1-1/4"	<b>LV6NAD</b>	<b>492.95</b>
1"	1-1/4"	<b>LV8NAD</b>	<b>492.95</b>

## Wilkerson Filter Accessories

### Elements

Used On	Description	Part #	Price/E
F03	5 micron element	<b>PS403</b>	<b>\$32.85</b>
F08		<b>FRP-96-729</b>	<b>12.55</b>
F16		<b>FRP-95-160</b>	<b>30.00</b>
F18		<b>FRP-96-639</b>	<b>20.15</b>
F26		<b>FRP-95-115</b>	<b>30.00</b>
F28		<b>FRP-96-653</b>	<b>23.95</b>
F30		<b>FRP-95-209</b>	<b>59.35</b>
F35		<b>FRP-95-505</b>	<b>127.50</b>
F42		<b>FRP-95-566</b>	<b>147.10</b>



FRP-95-115

F

Used On	Description	Part #	Price/E
M16, M26, M30	type B element (0.5 micron)	<b>MSP-95-989</b>	<b>\$55.10</b>
M16	type C element (0.01 micron)	<b>MTP-95-548</b>	<b>105.75</b>
M26	type C element (0.01 micron)	<b>MTP-95-549</b>	<b>111.90</b>
M30	type C element (0.01 micron)	<b>MTP-95-551</b>	<b>243.10</b>
M35	type C element (0.01 micron)	<b>MTP-95-502</b>	<b>516.00</b>



MTP-95-548

### Gel Refills

Used On	Description	Part #	Price/E
X03	8 bags of silica gel refill	<b>DRP-85-059</b>	<b>\$395.05</b>



DRP-85-059

### Bowls and Bowl Guards

Used On	Description	Part #	Price/E
F08	plastic bowl with guard and manual drain	<b>GRP-96-712</b>	<b>\$25.45</b>
F16, M16	plastic bowl and metal bowl guard with flex tip drain	<b>FRP-95-014</b>	<b>80.95</b>
	plastic bowl and metal bowl guard with auto drain	<b>FRP-95-015</b>	<b>139.10</b>
	plastic bowl with manual drain	<b>NEW FRP-95-017</b>	<b>55.15</b>
	metal bowl with sight glass and manual drain	<b>GRP-95-133</b>	<b>127.85</b>
	metal bowl with auto drain	<b>FRP-95-950</b>	<b>166.40</b>
F18	plastic bowl and bowl guard with manual drain	<b>GRP-96-634</b>	<b>70.20</b>
	plastic bowl and bowl guard with auto drain	<b>GRP-96-635</b>	<b>121.55</b>
	metal bowl with sight glass and manual drain	<b>GRP-96-636</b>	<b>83.05</b>
F26, M26	plastic bowl and metal bowl guard with flex tip drain	<b>GRP-95-935</b>	<b>96.00</b>
	plastic bowl and metal bowl guard with auto drain	<b>GRP-95-948</b>	<b>195.50</b>
	metal bowl with sight glass and manual drain	<b>GRP-95-931</b>	<b>142.15</b>
	metal bowl with auto drain	<b>GRP-95-960</b>	<b>189.40</b>
F28	plastic bowl, bowl guard, manual drain	<b>GRP-96-642</b>	<b>77.60</b>
	metal bowl, with sight glass, manual drain	<b>GRP-96-644</b>	<b>76.10</b>
F30, M30	plastic bowl and metal bowl guard with manual drain	<b>FRP-95-832</b>	<b>121.25</b>
	plastic bowl and metal bowl guard with auto drain	<b>FRP-95-775</b>	<b>213.80</b>
	plastic bowl with flex tip drain	<b>FRP-96-315</b>	<b>71.45</b>
	metal bowl with sight glass and manual drain	<b>GRP-95-676</b>	<b>320.65</b>
	metal bowl with auto drain	<b>GRP-95-970</b>	<b>231.65</b>



FRP-95-015

## Wilkerson Filter Accessories

## Auto and Manual Drains



GRP-96-001

F

Used On	Description	Part #	Price/E
F16, F18, F26, F28, F30, F35, M16, M26, M30, M32, M35	automatic drain with flourocarbon seal	<b>GRP-95-981</b>	<b>\$76.30</b>
F16, F18, F26, F28, F30, M16, M26, M30	automatic float drain with a nitrile seal	<b>GRP-95-973</b>	<b>68.90</b>
F16, F18, F26, F28, F30, F35, M16, M26, M30, M35	manual override drain	<b>GRP-96-001</b>	<b>46.10</b>
F16, F26, F30, M16, M26, M30	manual petcock drain for use with metal bowl units	<b>GRP-95-182</b>	<b>28.40</b>
F16, F26, F30, M16, M26, M30	manual flex tip drain	<b>FRP-95-610</b>	<b>10.65</b>
F18, F28	manual drain	<b>GRP-96-685</b>	<b>16.80</b>

## Sight Glass



GRP-95-079

Used On	Description	Part #	Price/E
M16, M26	sight glass kit for metal bowls	<b>GRP-95-079</b>	<b>\$15.50</b>

## Mounting Brackets and Joiner Sets



GPA-96-737

Used On	Description	Part #	Price/E
F03	mounting bracket	<b>PS417B</b>	<b>\$19.15</b>
F08	mounting bracket (type T) with joiner set and port O-ring	<b>GPA-96-737</b>	<b>14.00</b>
	mounting bracket (type C) joiner set and port O-ring	<b>GPA-97-010</b> <b>GPA-96-738</b>	<b>11.85</b> <b>8.50</b>
F16, M16	mounting bracket (type L)	<b>GPA-95-016</b>	<b>34.90</b>
F18	mounting bracket (type C)	<b>GPA-96-604</b>	<b>23.95</b>
	mounting bracket (type L)	<b>GPA-96-606</b>	<b>15.70</b>
F18, F28	mounting bracket (type T)	<b>GPA-96-602</b>	<b>17.85</b>
	mounting bracket (type T) with joiner set and port O-ring	<b>GPA-96-603</b>	<b>39.05</b>
F26, M26	mounting bracket (type L)	<b>GPA-95-946</b>	<b>41.80</b>
F28	mounting bracket (type C)	<b>GPA-96-605</b>	<b>28.20</b>
	mounting bracket (type L)	<b>GPA-96-607</b>	<b>20.80</b>
F30	wall mount, U-bolt pipe clamp	<b>GRP-95-734</b>	<b>23.55</b>

## 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
F16, F26	bracket	<b>GPA-95-968</b>	<b>\$14.55</b>
	sleeve and bracket	<b>GPA-95-969</b>	<b>32.45</b>

## Wilkerson Filter Accessories

### Modular Sleeve

**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	<b>GPA-95-292</b>	<b>\$17.00</b>



GPA-95-292

### Modular Blocks

**Features:**
**Manifold Block**

- flexible installation can be installed after the filter or regulator, providing three additional ¼" NPT tapped auxiliary ports
- ½" 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

Used On	Description	Part #	Price/E
F16, M16, F26, M26	manifold block, three ¼" NPT auxiliary ports	<b>GPA-95-919</b>	<b>\$51.10</b>
	end block, ¼" NPT	<b>GPA-95-223</b>	<b>30.75</b>
	end block, ⅜" NPT	<b>GPA-95-224</b>	<b>30.75</b>
	end block, ½" NPT	<b>GPA-95-225</b>	<b>30.75</b>
F18, F28	end block, ¼" NPT	<b>GPA-96-610</b>	<b>27.80</b>
	end block, ⅜" NPT	<b>GPA-96-611</b>	<b>27.80</b>
	end block, ½" NPT	<b>GPA-96-612</b>	<b>27.80</b>
	end block, ¾" NPT	<b>GPA-96-613</b>	<b>27.80</b>



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
F16, M16, F26, M26	¼" NPT pipe adapter	<b>GPA-95-035</b>	<b>\$43.50</b>
	⅜" NPT pipe adapter	<b>GPA-95-036</b>	<b>43.50</b>
	½" NPT pipe adapter	<b>GPA-95-037</b>	<b>43.50</b>



GPA-95-037

F

## 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



GPA-95-098

Used On	Description	Part #	Price/E
F16, F26	¼" NPT safety shut-off valve	<b>GPA-95-096</b>	<b>\$135.85</b>
	⅜" NPT safety shut-off valve	<b>GPA-95-097</b>	<b>135.85</b>
	½" NPT safety shut-off valve	<b>GPA-95-098</b>	<b>135.85</b>

### 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



DP2-01-000

Used On	Description	Part #	Price/E
M16, M26, M30, M32	indicator	<b>DP2-01-000</b>	<b>\$29.10</b>
F35, M35	indicator	<b>DP2-01-001</b>	<b>34.85</b>

## Wilkerson Regulator Accessories

### Replacement Springs



RRP-95-222

Used On	Description	Part #	Price/E
R16	0-50 PSI spring	<b>RRP-95-222</b>	<b>\$17.00</b>

### Replacement Flush Mount Gauges

#### Application:

- for units originally purchased with a flush mounted gauge



GRP-96-719

Used On	Description	Part #	Price/E
R08	0-160 PSI	<b>GRP-96-719</b>	<b>\$29.10</b>

### Tamper Resistant Kits



RPA-95-006

Used On	Description	Part #	Price/E
R00, R08	ring style tamper resistant kit	<b>RPA-96-735</b>	<b>\$7.20</b>
R16, R26		<b>RPA-95-006</b>	<b>8.50</b>
R18		<b>RRP-96-671</b>	<b>7.65</b>
R28		<b>RRP-96-672</b>	<b>8.70</b>

## Wilkerson Regulator Accessories

### Repair Kits

Used On	Description	Part #	Price/E
R16	self-relieving repair kit	<b>RRP-95-131</b>	<b>\$56.20</b>
R18	relieving diaphragm assembly	<b>RRP-96-656</b>	<b>22.70</b>
R26	self-relieving repair kit	<b>RRP-95-952</b>	<b>37.75</b>
R28	relieving diaphragm assembly	<b>RRP-96-986</b>	<b>41.35</b>
R30	valve assembly: valve, spring, bottom plug O-ring	<b>RRP-95-159</b>	<b>46.05</b>
R40	valve assembly: valve, spring, retaining ring O-ring	<b>RRP-95-161</b>	<b>162.55</b>



RRP-95-952

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### Mounting Brackets and Joiner Sets

Used On	Description	Part #	Price/E
R00, RB3	mounting bracket (type L) and nut	<b>GRP-95-747</b>	<b>\$17.85</b>
R03	mounting bracket	<b>PS417B</b>	<b>19.15</b>
R08	mounting bracket (type T) with joiner set	<b>GPA-96-737</b>	<b>14.00</b>
	mounting bracket (type C)	<b>GPA-97-010</b>	<b>11.85</b>
	mounting bracket (type L)	<b>GRP-96-739</b>	<b>10.00</b>
	joiner set with port O-ring	<b>GPA-96-738</b>	<b>8.50</b>
R16	mounting bracket (type L) and nut	<b>GPA-95-011</b>	<b>23.05</b>
R16, R21, R26, R30, R40	wall mount bracket with 1/4" NPT gauge port adapter	<b>RRP-95-590</b>	<b>28.20</b>
R26	mounting bracket (type C) and nut	<b>RPA-95-947</b>	<b>18.85</b>
R30	wall mount, U-bolt pipe clamp	<b>GRP-95-734</b>	<b>23.55</b>



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
R16, R26	bracket	<b>GPA-95-968</b>	<b>\$14.55</b>
	sleeve and bracket	<b>GPA-95-969</b>	<b>32.45</b>



GPA-95-969

### Modular Sleeve

#### 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	<b>GPA-95-292</b>	<b>\$17.00</b>



GPA-95-292

## Wilkerson Regulator Accessories

### Modular Blocks



GPA-95-919



GPA-95-223



GPA-96-610

#### Features:

##### Manifold Block

- allows easy design flexibility
- can be installed after the filter or regulator, providing three additional ¼" NPT tapped auxiliary ports
- ½" 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 ¼" NPT auxiliary ports	<b>GPA-95-919</b>	<b>\$51.10</b>
	end block, ¼" NPT	<b>GPA-95-223</b>	<b>30.75</b>
	end block, ⅜" NPT	<b>GPA-95-224</b>	<b>30.75</b>
	end block, ½" NPT	<b>GPA-95-225</b>	<b>30.75</b>
R18, R28	end block, ¼" NPT	<b>GPA-96-610</b>	<b>27.80</b>
	end block, ⅜" NPT	<b>GPA-96-611</b>	<b>27.80</b>
	end block, ½" NPT	<b>GPA-96-612</b>	<b>27.80</b>
	end block, ¾" NPT	<b>GPA-96-613</b>	<b>27.80</b>

### 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
R16, R26	¼" NPT pipe adapter	<b>GPA-95-035</b>	<b>\$43.50</b>
	⅜" NPT pipe adapter	<b>GPA-95-036</b>	<b>43.50</b>
	½" NPT pipe adapter	<b>GPA-95-037</b>	<b>43.50</b>

### 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



GPA-95-098

Used On	Description	Part #	Price/E
R16, R26	¼" NPT safety lock-out valve	<b>GPA-95-096</b>	<b>\$135.85</b>
	⅜" NPT safety lock-out valve	<b>GPA-95-097</b>	<b>135.85</b>
	½" NPT safety lock-out valve	<b>GPA-95-098</b>	<b>135.85</b>

see pages 275-283 for replacement gauges

## Wilkerson Lubricator Accessories

## Bowls and Bowl Guards

Used On	Description	Part #	Price/E
L08	plastic bowl with guard and manual drain	<i>LRP-96-736</i>	<b>\$30.10</b>
L16	metal bowl with sight glass and manual drain	<i>GRP-95-133</i>	<b>127.85</b>
	plastic bowl with guard and manual drain	<i>GRP-95-019</i>	<b>99.10</b>
	plastic bowl with no drain	<i>LRP-96-937</i>	<b>39.90</b>
L18	metal bowl with sight glass, manual drain	<i>GRP-96-636</i>	<b>83.05</b>
	plastic bowl with guard and manual drain	<i>LRP-96-701</i>	<b>70.25</b>
L26	metal bowl with sight glass and manual drain	<i>GRP-95-931</i>	<b>142.15</b>
	plastic bowl with no drain	<i>LRP-96-938</i>	<b>43.05</b>
L28	metal bowl with sight glass, manual drain	<i>GRP-96-644</i>	<b>76.10</b>
	plastic bowl with guard and manual drain	<i>LRP-96-702</i>	<b>82.30</b>
L30, L40	metal bowl with sight glass and manual drain	<i>GRP-95-676</i>	<b>320.65</b>
L30, L40, L50	plastic bowl with no drain	<i>LRP-96-940</i>	<b>53.10</b>



GRP-95-019

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## Drains

Used On	Description	Part #	Price/E
L16, L26, L30, L40, L50	manual petcock drain for use with metal bowl units	<i>GRP-95-182</i>	<b>\$28.40</b>
L18, L28	manual drain	<i>GRP-96-685</i>	<b>16.80</b>



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	<i>LRP-95-239</i>	<b>\$16.40</b>
L08	fill plug kit: fill plug and O-ring	<i>LRP-96-730</i>	<b>5.95</b>
L16, L26	sight glass kit for metal bowls	<i>GRP-95-079</i>	<b>15.50</b>
L16, L26, L30	fill plug kit: fill plug and O-ring	<i>LRP-95-253</i>	<b>10.95</b>
L18, L28	sight dome assembly (new style)	<i>LRP-96-310</i>	<b>16.10</b>
L30, L40, L50	sight dome kit: dome and O-ring	<i>LRP-95-249</i>	<b>22.45</b>
L40, L50	fill plug kit: fill plug and O-ring	<i>LRP-95-250</i>	<b>34.55</b>



LRP-95-249

## Mounting Brackets

Used On	Description	Part #	Price/E
L08	mounting bracket (type T) with joiner set and port O-ring	<i>GPA-96-737</i>	<b>\$14.00</b>
	mounting bracket (type C)	<i>GPA-97-010</i>	<b>11.85</b>
	joiner set and port O-ring	<i>GPA-96-738</i>	<b>8.50</b>
L16	mounting bracket (type L)	<i>GPA-95-016</i>	<b>34.90</b>
L18	mounting bracket (type C)	<i>GPA-96-604</i>	<b>23.95</b>
	mounting bracket (type L)	<i>GPA-96-606</i>	<b>15.70</b>
L18, L28	mounting bracket (type T)	<i>GPA-96-602</i>	<b>17.85</b>
	mounting bracket (type T) with joiner set and port O-ring	<i>GPA-96-603</i>	<b>39.05</b>
L26	mounting bracket (type L)	<i>GPA-95-946</i>	<b>41.80</b>
L28	mounting bracket (type C)	<i>GPA-96-605</i>	<b>28.20</b>
	mounting bracket (type L)	<i>GPA-96-607</i>	<b>20.80</b>
L30	wall mount with U-bolt pipe clamp	<i>GRP-95-734</i>	<b>23.55</b>



GPA-96-737

## Wilkerson Lubricator Accessories

### 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
L16, L26	bracket	<b>GPA-95-968</b>	<b>\$14.55</b>
	sleeve and bracket	<b>GPA-95-969</b>	<b>32.45</b>

### Modular Sleeve



GPA-95-292

**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	<b>GPA-95-292</b>	<b>\$17.00</b>

### Modular Blocks

**Features:**
**Manifold Block**

- flexible installation, can be installed after the filter or regulator, providing three additional ¼" NPT tapped auxiliary ports
- ½" inlet/outlet ports non-tapped
- width: 1-17/32"



GPA-95-919

**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-96-610

Used On	Description	Part #	Price/E
L16, L26	manifold block, three ¼" NPT auxiliary ports	<b>GPA-95-919</b>	<b>\$51.10</b>
	end block, ¼" NPT	<b>GPA-95-223</b>	<b>30.75</b>
	end block, ⅜" NPT	<b>GPA-95-224</b>	<b>30.75</b>
	end block, ½" NPT	<b>GPA-95-225</b>	<b>30.75</b>
L18, L28	end block, ¼" NPT	<b>GPA-96-610</b>	<b>27.80</b>
	end block, ⅜" NPT	<b>GPA-96-611</b>	<b>27.80</b>
	end block, ½" NPT	<b>GPA-96-612</b>	<b>27.80</b>
	end block, ¾" NPT	<b>GPA-96-613</b>	<b>27.80</b>

## 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

Used On	Description	Part #	Price/E
L16, L26	¼" NPT pipe adapter	<b>GPA-95-035</b>	<b>\$43.50</b>
	⅜" NPT pipe adapter	<b>GPA-95-036</b>	<b>43.50</b>
	½" NPT pipe adapter	<b>GPA-95-037</b>	<b>43.50</b>



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
- 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	¼" NPT safety lock-out valve	<b>GPA-95-096</b>	<b>\$135.85</b>
	⅜" NPT safety lock-out valve	<b>GPA-95-097</b>	<b>135.85</b>
	½" NPT safety lock-out valve	<b>GPA-95-098</b>	<b>135.85</b>



GPA-95-098

## Wilkerson Filter/Regulator Accessories

### 5 Micron Elements

Used On	Description	Part #	Price/E
B08	5 micron element	<b>FRP-96-729</b>	<b>\$12.55</b>
CB6		<b>FRP-95-160</b>	<b>30.00</b>
B18		<b>FRP-96-639</b>	<b>20.15</b>
B28		<b>FRP-96-653</b>	<b>23.95</b>



FRP-96-729

### Bowls and Bowl Guards

Used On	Description	Part #	Price/E
B08	plastic bowl with guard and manual drain	<b>GRP-96-712</b>	<b>\$25.45</b>
CB6	plastic bowl with metal bowl guard and flex tip drain	<b>FRP-95-014</b>	<b>80.95</b>
	plastic bowl with metal bowl guard and auto drain	<b>FRP-95-015</b>	<b>139.10</b>
	plastic bowl with manual drain	<b>NEW FRP-95-017</b>	<b>55.15</b>
	metal bowl and auto drain	<b>FRP-95-950</b>	<b>166.40</b>
B18	plastic bowl with guard and manual drain	<b>GRP-96-634</b>	<b>70.20</b>
	plastic bowl with bowl guard and auto drain	<b>GRP-96-635</b>	<b>121.55</b>
	metal bowl with sight glass and manual drain	<b>GRP-96-636</b>	<b>83.05</b>
	plastic bowl with bowl guard and manual drain	<b>GRP-96-642</b>	<b>77.60</b>
	metal bowl with sight glass and manual drain	<b>GRP-96-644</b>	<b>76.10</b>



GRP-96-636

## Wilkerson Filter/Regulator Accessories

## Auto and Manual Drains



GRP-96-001

Used On	Description	Part #	Price/E
CB6	manual petcock drain (for use with metal bowl units)	<b>GRP-95-182</b>	<b>\$28.40</b>
	manual flex tip drain	<b>FRP-95-610</b>	<b>10.65</b>
CB6, B18, B28	automatic drain with fluorocarbon seal	<b>GRP-95-981</b>	<b>76.30</b>
	automatic float drain with a nitrile seal	<b>GRP-95-973</b>	<b>68.90</b>
	manual override drain	<b>GRP-96-001</b>	<b>46.10</b>
B18, B28	manual drain	<b>GRP-96-685</b>	<b>16.80</b>

## Accessories



GRP-95-079

Used On	Description	Part #	Price/E
CB6	sight glass kit for metal bowl	<b>GRP-95-079</b>	<b>\$15.50</b>

## Replacement Springs



RRP-95-222

Used On	Description	Part #	Price/E
CB6	0-50 PSI spring	<b>RRP-95-222</b>	<b>\$17.00</b>

## Tamper Resistant Kits



RPA-96-735

Used On	Description	Part #	Price/E
B08	ring style tamper resistant kit	<b>RPA-96-735</b>	<b>\$7.20</b>
B18	ring style tamper resistant kit	<b>RRP-96-671</b>	<b>7.65</b>
B28	ring style tamper resistant kit	<b>RRP-96-672</b>	<b>8.70</b>

## Repair Kits



RRP-96-656

Used On	Description	Part #	Price/E
B18	diaphragm assembly, relieving	<b>RRP-96-656</b>	<b>\$22.70</b>
B28	diaphragm assembly, relieving	<b>RRP-96-986</b>	<b>41.35</b>

## Mounting Brackets and Joiner Sets



GPA-96-737

Used On	Description	Part #	Price/E
R08	mounting bracket (type T) with joiner set	<b>GPA-96-737</b>	<b>\$14.00</b>
	mounting bracket (type C)	<b>GPA-97-010</b>	<b>11.85</b>
	mounting bracket (type L)	<b>GRP-96-739</b>	<b>10.00</b>
	joiner set with port O-ring	<b>GPA-96-738</b>	<b>8.50</b>
CB6	mounting bracket (type L) and nut	<b>GPA-95-011</b>	<b>23.05</b>
	bracket, wall mount, gauge port adapter with 1/4" NPT	<b>RRP-95-590</b>	<b>28.20</b>
B18	mounting bracket (type C)	<b>GPA-96-604</b>	<b>23.95</b>
	mounting bracket (type L)	<b>GPA-96-606</b>	<b>15.70</b>
B18, B28	mounting bracket (type T)	<b>GPA-96-602</b>	<b>17.85</b>
	mounting bracket (type T) with joiner set	<b>GPA-96-603</b>	<b>39.05</b>
B28	mounting bracket (type C)	<b>GPA-96-605</b>	<b>28.20</b>
	mounting bracket (type L)	<b>GPA-96-607</b>	<b>20.80</b>

## 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
<b>WILK26DISPLAY</b>	<b>\$878.80</b>



## 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
<b>NORG74DISPLAY</b>	<b>\$875.60</b>



## 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.

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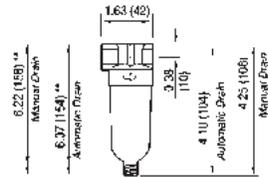


**Features:**

- 5 micron element
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

**Carded Miniature Filter with Transparent Bowl**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	24	<b>F07-200AC</b>	<b>\$73.60</b>	<b>F07-200MC</b>	<b>\$62.70</b>



\*\* minimum clearance required to remove bowl

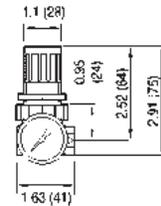


**Features:**

- pressure range 5-100 PSI
- relieving type
- inlet pressure **250 PSI** maximum
- maximum temperature: **150°F**
- supplied with a GC620 gauge

**Carded Miniature Regulator with Gauge**

Port Size	SCFM	Part #	Price/E
¼"	15	<b>R07-200RGC</b>	<b>\$71.65</b>

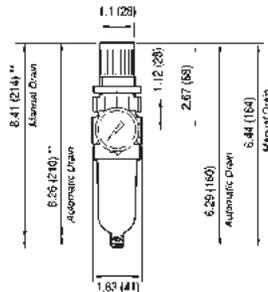


**Features:**

- pressure range 5-100 PSI
- relieving type
- 5 micron element
- 1 oz. reservoir
- push to lock adjusting knob
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°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
¼"	14	<b>B07-202AGC</b>	<b>\$138.90</b>	<b>B07-202MGC</b>	<b>\$126.00</b>



\*\* minimum clearance required to remove bowl

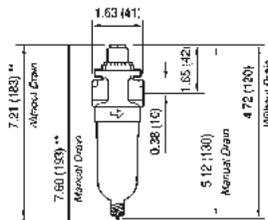


**Features:**

- 1 oz. reservoir
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

**Carded Miniature Lubricator**

Port Size	Flow (SCFM)	Transparent Bowl Part #	Price/E
¼"	14	<b>L07-200AC</b>	<b>\$89.30</b>



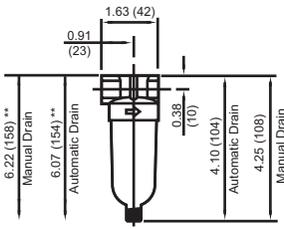
\*\* minimum clearance required to remove bowl

**!** 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
- maximum temperature: **125°F**

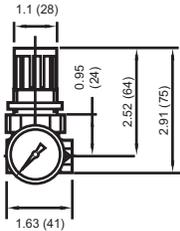


### Miniature Filter with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	19	<b>F07-100A</b>	<b>\$71.00</b>	<b>F07-100M</b>	<b>\$60.90</b>
1/4"	24	<b>F07-200A</b>	<b>69.35</b>	<b>F07-200M</b>	<b>59.45</b>



\*\* minimum clearance to remove bowl



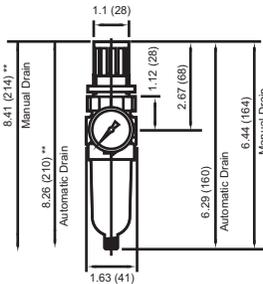
- pressure range 5-100 PSI
- relieving type
- inlet pressure **300 PSI** max.
- maximum temperature: **150°F**
- regulation at flows up to 22 SCFM at 100 PSIG
- RG models supplied with a GC620 gauge
- panel nut not included

### Miniature Regulators

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/8"	14	<b>R07-100RG</b>	<b>\$62.80</b>	<b>R07-100R</b>	<b>\$46.10</b>
1/4"	15	<b>R07-200RG</b>	<b>62.40</b>	<b>R07-200R</b>	<b>45.70</b>



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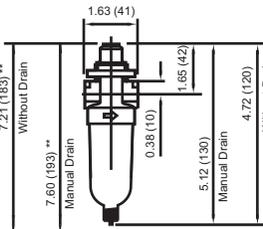
- pressure range 5-100 PSI
- relieving type
- 5 micron element
- 1 oz. reservoir
- push to lock adjusting knob
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**
- supplied with a GC620 gauge
- bowl guard not available

### Miniature Filter/Regulator with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	13	<b>B07-102AG</b>	<b>\$131.30</b>	<b>B07-102MG</b>	<b>\$116.90</b>
1/4"	24	<b>B07-202AG</b>	<b>126.30</b>	<b>B07-202MG</b>	<b>115.60</b>



\*\* minimum clearance to remove bowl



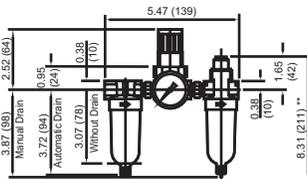
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

### Miniature Lubricators

Port Size	Flow (SCFM)	Transparent Bowl	
		Part #	Price/E
1/8"	10	<b>L07-100A</b>	<b>\$92.05</b>
1/4"	14	<b>L07-200A</b>	<b>90.70</b>



\*\* minimum clearance to remove bowl



- pressure range 5-125 PSI
- 1 oz. reservoir
- supplied with a GC620 gauge
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

### Miniature Combination Unit with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/8"	10	<b>P1A-100A</b>	<b>\$271.05</b>	<b>P1A-100M</b>	<b>\$260.95</b>
1/4"	14	<b>P1A-200A</b>	<b>268.20</b>	<b>P1A-200M</b>	<b>261.55</b>



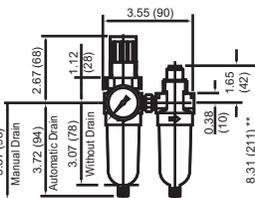
\*\* minimum clearance to remove bowl

## Series 1 Micro Mate Combination Units

- pressure range 5-125 PSI
- requires only 2 pipe connections
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°F**

### Miniature Filter/Regulator/Lubricator with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain	
		Part #	Price/E
1/8"	10	<b>PTH-100AG</b>	<b>\$242.45</b>
1/4"	14	<b>PTH-200AG</b>	<b>254.75</b>



\*\* 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:**

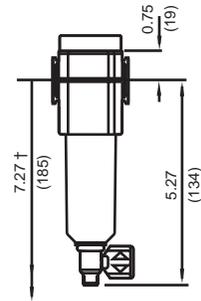
- particle removal per ISO 8573-1, Class 5 and Class 3
- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure:
  - transparent bowl: **150 PSI** and **125°F**
  - metal bowl: **250 PSI** and **150°F**



with transparent bowl

**Sub-Compact with Transparent Bowl**

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	55	<b>F72G-2A</b>	<b>\$138.35</b>	<b>F72G-2M</b>	<b>\$75.90</b>



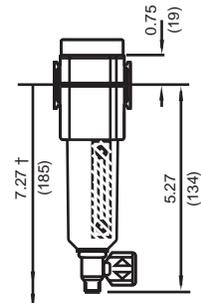
† Minimum clearance to remove bowl



with metal bowl

**Sub-Compact with Metal Bowl and Sight Glass**

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	55	<b>F72G-2A-MB</b>	<b>\$155.10</b>	<b>F72G-2M-MB</b>	<b>\$92.30</b>



† Minimum clearance to remove bowl



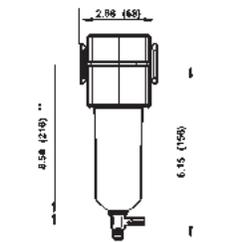
with transparent bowl

**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** and **125°F**
  - metal bowl: **250 PSI** and **175°F**

**Compact with Transparent Bowl**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	53	<b>F73G-2A</b>	<b>\$194.35</b>	<b>F73G-2M</b>	<b>\$117.60</b>
⅜"	65	<b>F73G-3A</b>	<b>194.35</b>	<b>F73G-3M</b>	<b>117.60</b>
½"	69	<b>F73G-4A</b>	<b>192.55</b>	<b>F73G-4M</b>	<b>117.05</b>



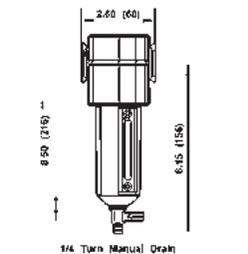
†† Minimum clearance required to remove bowl



with metal bowl

**Compact with Metal Bowl and Sight Glass**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	53	<b>F73G-2A-MB</b>	<b>\$203.95</b>	<b>F73G-2M-MB</b>	<b>\$127.15</b>
⅜"	65	<b>F73G-3A-MB</b>	<b>203.95</b>	<b>F73G-3M-MB</b>	<b>127.15</b>
½"	69	<b>F73G-4A-MB</b>	<b>203.95</b>	<b>F73G-4M-MB</b>	<b>126.50</b>



†† Minimum clearance required to remove bowl.

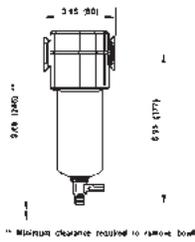
See pages 261-263 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 90 PSIG inlet pressure.

## Series 1 Airline Filters



**Features:**

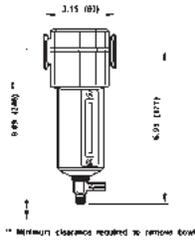
- particle removal per ISO 8573-1, Class 5 and Class 3
- 40 micron element
- 7 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- inlet pressure:
  - transparent bowl: **150 PSI and 125°F**
  - metal bowl: **250 PSI and 175°F**



with transparent bowl

**Standard with Transparent Bowl and Guard**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	112	<b>F74G-3A</b>	<b>\$246.60</b>	<b>F74G-3M</b>	<b>\$170.85</b>
1/2"	140	<b>F74G-4A</b>	<b>241.85</b>	<b>F74G-4M</b>	<b>168.50</b>
3/4"	140	<b>F74G-6A</b>	<b>244.20</b>	<b>F74G-6M</b>	<b>168.50</b>



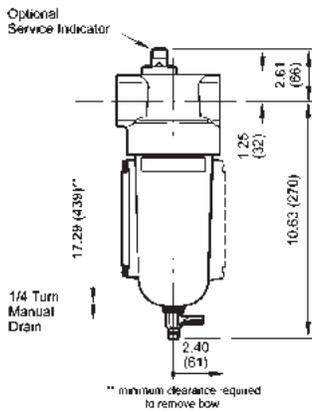
**Standard with Metal Bowl and Sight Glass**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	112	<b>F74G-3A-MB</b>	<b>\$251.35</b>	<b>F74G-3M-MB</b>	<b>\$176.00</b>
1/2"	140	<b>F74G-4A-MB</b>	<b>247.75</b>	<b>F74G-4M-MB</b>	<b>172.65</b>
3/4"	140	<b>F74G-6A-MB</b>	<b>247.75</b>	<b>F74G-6M-MB</b>	<b>173.50</b>



with metal bowl

F



**Features:**

- general purpose with low pressure drop and excellent water removal characteristics
- 40 micron element
- 1 qt. reservoir
- inlet pressure: **250 PSI and 175°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	<b>F17-600A</b>	<b>\$449.45</b>	<b>F17-600M</b>	<b>\$369.55</b>
1"	425	<b>F17-800A</b>	<b>443.00</b>	<b>F17-800M</b>	<b>366.00</b>
1 1/4"	425	<b>F17-A00A</b>	<b>513.55</b>	<b>F17-A00M</b>	<b>430.65</b>
1 1/2"	425	<b>F17-B00A</b>	<b>508.65</b>	<b>F17-B00M</b>	<b>436.90</b>



**Features:**

- 40 micron element
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- 7 oz. reservoir
- inlet pressure: **250 PSI and 175°F**

**Jumbo with Metal Bowl and Sight Glass**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
2"	1400	<b>F18-C00A</b>	<b>\$1555.05</b>	<b>F18-C00M</b>	<b>\$1476.60</b>



See pages 261-263 for filter accessories.



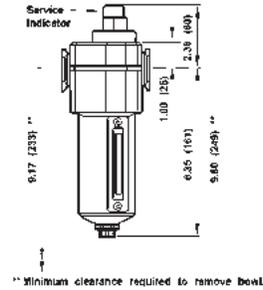
FRL's are designed for air service only, unless otherwise indicated.

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** and **150°F**



### Standard Standard Flow with Metal Bowl

Port Size	Flow (SCFM) Saturated	SCFM Dry	Automatic Drain	
			Part #	Price/E
3/8"	35	70	<b>F74C-3A-MB</b>	<b>\$406.80</b>
1/2"	35	75	<b>F74C-4A-MB</b>	<b>403.00</b>

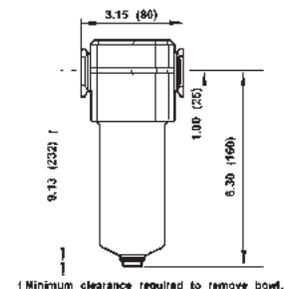
### Standard High Flow with Metal Bowl

Port Size	Flow (SCFM) Saturated	SCFM Dry	Automatic Drain	
			Part #	Price/E
1/2"	60	100	<b>F74H-4A-MB</b>	<b>\$465.10</b>
3/4"	60	120	<b>F74H-6A-MB</b>	<b>460.75</b>

## 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** and **150°F**



### Standard with Metal Bowl

Port Size	Flow (SCFM)	Automatic Drain	
		Part #	Price/E
3/8"	21	<b>F74V-3A-MB</b>	<b>\$380.25</b>
1/2"	21	<b>F74V-4A-MB</b>	<b>379.25</b>
3/4"	21	<b>F74V-6A-MB</b>	<b>383.90</b>

See pages 261-263 for filter accessories.



FRL's are designed for air service only, unless otherwise indicated.

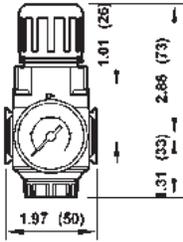
SCFM ratings at 90 PSIG inlet pressure.

## Series 1 Regulators

**Features:**

- pressure range 5-150 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **150°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**



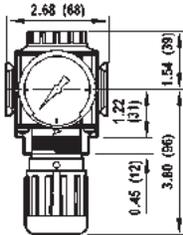
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	70	<b>R72G-2RG</b>	<b>\$82.75</b>	<b>R72G-2R</b>	<b>\$66.05</b>
3/8"	70	<b>R72G-3RG</b>	<b>87.15</b>	<b>R72G-3R</b>	<b>70.45</b>



**Features:**

- pressure range 5-150 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **150°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**



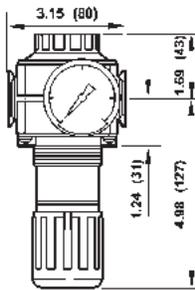
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
1/4"	91	<b>R73G-2RG</b>	<b>\$114.50</b>	<b>R73G-2R</b>	<b>\$93.80</b>
3/8"	144	<b>R73G-3RG</b>	<b>114.05</b>	<b>R73G-3R</b>	<b>93.35</b>
1/2"	144	<b>R73G-4RG</b>	<b>113.60</b>	<b>R73G-4R</b>	<b>92.90</b>



**Features:**

- pressure range 5-150 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **150°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**



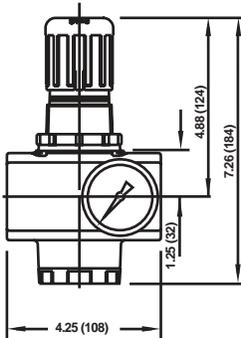
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
3/8"	208	<b>R74G-3RG</b>	<b>\$168.60</b>	<b>R74G-3R</b>	<b>\$147.90</b>
1/2"	220	<b>R74G-4RG</b>	<b>165.75</b>	<b>R74G-4R</b>	<b>145.05</b>
3/4"	220	<b>R74G-6RG</b>	<b>166.50</b>	<b>R74G-6R</b>	<b>145.80</b>



**Features:**

- pressure range 5-125 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **175°F**
- in-line or modular installation
- relieving type
- two full-flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge

**Jumbo**



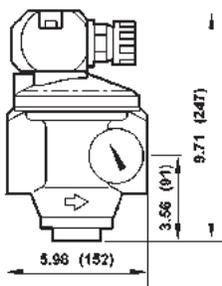
Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
3/4"	440	<b>R17-600RG</b>	<b>\$302.90</b>	<b>R17-600R</b>	<b>\$282.20</b>
1"	480	<b>R17-800RG</b>	<b>298.80</b>	<b>R17-800R</b>	<b>278.10</b>
1 1/4"	400	<b>R17-A00RG</b>	<b>364.60</b>	<b>R17-A00R</b>	<b>343.90</b>
1 1/2"	440	<b>R17-B00RG</b>	<b>375.90</b>	<b>R17-B00R</b>	<b>355.20</b>



**Features:**

- 5-125 PSI range
- inlet pressure: **450 PSI**
- maximum temperature: **175°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	<b>R18-C05RG</b>	<b>\$1834.95</b>	<b>R18-C05R</b>	<b>\$1814.25</b>



See pages 263-264 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.

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## Miniature Non-Repairable General Purpose Regulators

### Features:

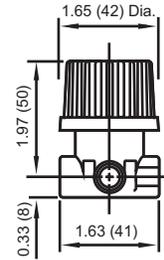
- pressure range 5-125 PSI
- maximum temperature: **150°F**
- lightweight construction
- left to right flow
- wrench flats for easy installation
- relieving piston design allows reduction of downstream pressure when the system is dead-ended
- RG model supplied with a GC620 gauge



### Compact

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	13	<b>R46-200RG</b>	<b>\$65.55</b>	<b>R46-200R</b>	<b>\$48.85</b>

SCFM ratings at 100 PSIG.



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## 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**
- maximum temperature: **175°F**
- T-handle adjustment
- supplied with GC620 gauge



Port Size	Flow (SCFM)	with Gauge		Price/E
		Part #		
¼"	110	<b>R11-013RG</b>		<b>\$342.40</b>
⅜"	110	<b>R11-037RG</b>		<b>342.40</b>
½"	260	<b>R11-061RG</b>		<b>392.75</b>

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 263-264).

### Features:

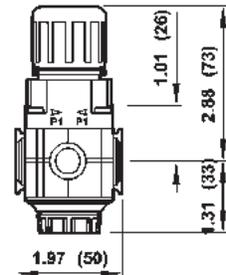
- pressure range 5-150 PSI
- inlet pressure: **300 PSI**
- maximum temperature: **150°F**
- RG models supplied with GC620 gauge



### Sub-Compact

Port Size	Flow (SCFM)	with Gauge		without Gauge	
		Part #	Price/E	Part #	Price/E
¼"	83	<b>R72M-2RG</b>	<b>\$157.60</b>	<b>R72M-2R</b>	<b>\$140.90</b>
⅜"	83	<b>R72M-3RG</b>	<b>161.50</b>	<b>R72M-3R</b>	<b>144.80</b>

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.*



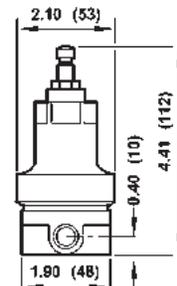
### Features:

- pressure range 5-125 PSI
- inlet pressure: **3000 PSI**
- maximum temperature: **140°F**
- relieving type
- two ports for high pressure and two ports for service

Port Size	Flow (SCFM)	without Gauge	
		Part #	Price/E
¼"	10	<b>R83-200R</b>	<b>\$149.20</b>

See pages 263-264 for regulator accessories.

SCFM ratings given at 1000 PSIG inlet pressure.

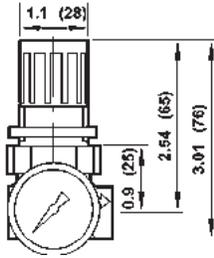


FRL's are designed for air service only, unless otherwise indicated.

## 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**
- maximum temperature: **125°F**
- non-relieving type
- supplied with GC620 gauge
- food grade elastomers

Port Size	Flow (GPM)	with Gauge	
		Part #	Price/E
1/4"	1.75	<b>R91-221RG</b>	<b>\$87.20</b>

SCFM ratings at 100 PSIG.



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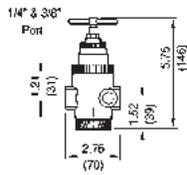
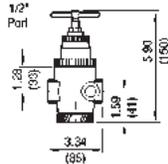
## Series 1 Water Regulators

### 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**
- 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
- 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)	with Gauge	
		Part #	Price/E
1/4"	5	<b>R43-201RG</b>	<b>\$269.90</b>
3/8"	5	<b>R43-301RG</b>	<b>324.80</b>
1/2"	10	<b>R43-406RG</b>	<b>372.10</b>

SCFM ratings at 100 PSIG.



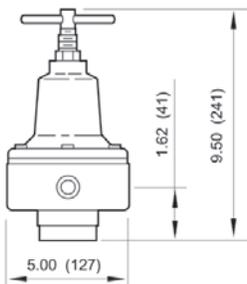
## Series 1 Water Regulators

### 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	<b>11-009-065</b>	<b>\$1260.25</b>
1"	27.5	<b>11-009-081</b>	<b>1272.25</b>

SCFM ratings given at 100 PSIG inlet pressure.



See pages 263-264 for regulator accessories.



FRL's are designed for air service only, unless otherwise indicated.

# Series 1 Filter / Regulators



with transparent bowl



with metal bowl



with transparent bowl



with metal bowl



with guard



with metal bowl

**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** and **125°F**
  - metal bowl: **250 PSI** and **150°F**

**Sub-Compact with Transparent Bowl**

Port Size	Flow (SCFM)	Semi-Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	80	<b>B72G-2AG</b>	<b>\$211.00</b>	<b>B72G-2MG</b>	<b>\$146.55</b>

**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	<b>B72G-2AG-MB</b>	<b>\$225.70</b>	<b>B72G-2MG-MB</b>	<b>\$163.05</b>
3/8"	80	<b>B72G-3AG-MB</b>	<b>229.95</b>	<b>B72G-3MG-MB</b>	<b>166.90</b>

**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** and **125°F**
  - metal bowl: **250 PSI** and **175°F**

**Compact with Transparent Bowl**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	78	<b>B73G-2AG</b>	<b>\$297.95</b>	<b>B73G-2MG</b>	<b>\$222.45</b>
3/8"	123	<b>B73G-3AG</b>	<b>297.95</b>	<b>B73G-3MG</b>	<b>222.45</b>
1/2"	123	<b>B73G-4AG</b>	<b>297.95</b>	<b>B73G-4MG</b>	<b>222.45</b>

**Compact with Metal Bowl and Sight Glass**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	78	<b>B73G-2AG-MB</b>	<b>\$307.45</b>	<b>B73G-2MG-MB</b>	<b>\$232.00</b>
3/8"	123	<b>B73G-3AG-MB</b>	<b>304.75</b>	<b>B73G-3MG-MB</b>	<b>232.00</b>
1/2"	123	<b>B73G-4AG-MB</b>	<b>307.45</b>	<b>B73G-4MG-MB</b>	<b>228.95</b>

**Features:**

- pressure range 5-125 PSI
- 40 micron element
- 7 oz. reservoir
- relieving type
- supplied with GC230 gauge
- inlet pressure:
  - transparent bowl: **150 PSI** and **125°F**
  - metal bowl: **250 PSI** and **175°F**

**Standard with Transparent Bowl and Guard**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	212	<b>B74G-4AG</b>	<b>\$350.90</b>	<b>B74G-4MG</b>	<b>\$271.75</b>
3/4"	212	<b>B74G-6AG</b>	<b>350.90</b>	<b>B74G-6MG</b>	<b>273.00</b>

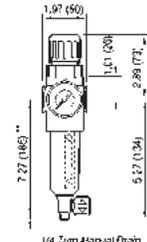
**Standard with Metal Bowl and Sight Glass**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	163	<b>B74G-3AG-MB</b>	<b>\$359.10</b>	<b>B74G-3MG-MB</b>	<b>\$280.30</b>
1/2"	212	<b>B74G-4AG-MB</b>	<b>351.10</b>	<b>B74G-4MG-MB</b>	<b>276.60</b>
3/4"	212	<b>B74G-6AG-MB</b>	<b>385.60</b>	<b>B74G-6MG-MB</b>	<b>276.60</b>

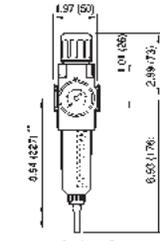
See page 267 for filter/regulator accessories.



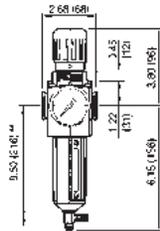
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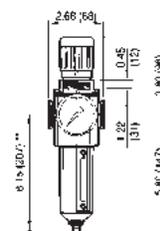
1/4" Turb Automatic Drain  
\*\* minimum clearance required to remove bowl



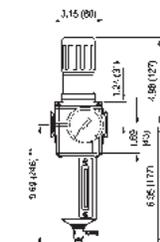
1/4" Turb Manual Drain  
\*\* minimum clearance required to remove bowl



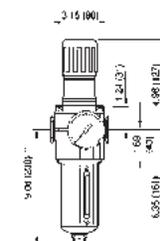
1/4" Auto Drain  
\*\* minimum clearance required to remove bowl



Automatic Drain  
\*\* minimum clearance required to remove bowl



Guard Type Automatic Drain  
\*\* minimum clearance required to remove bowl



Automatic Drain  
\*\* minimum clearance required to remove bowl

SCFM ratings given at 150 PSIG inlet pressure.

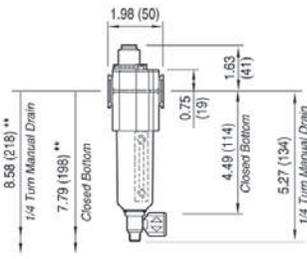
## Series 1 Micro-Fog Lubricators

### 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:

- 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	<b>L72M-2</b>	<b>\$108.30</b>	<b>L72M-2MB</b>	<b>\$125.30</b>



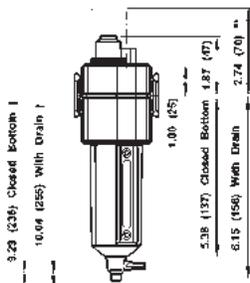
with transparent bowl

### 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	<b>L73M-2</b>	<b>\$146.30</b>	<b>L73M-2MB</b>	<b>\$154.45</b>
3/8"	70	<b>L73M-3</b>	<b>146.30</b>	<b>L73M-3MB</b>	<b>154.45</b>
1/2"	70	<b>L73M-4</b>	<b>144.75</b>	<b>L73M-4MB</b>	<b>154.45</b>



with transparent bowl

See pages 265-266 for lubricator accessories. See page 156 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

### Applications:

- 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.*

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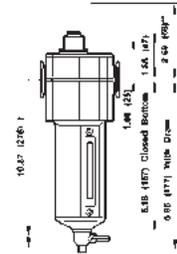
transparent bowl

### 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
- 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	<b>L74M-3</b>	<b>\$185.15</b>	<b>L74M-3MB</b>	<b>\$190.20</b>
1/2"	154	<b>L74M-4</b>	<b>182.60</b>	<b>L74M-4MB</b>	<b>186.55</b>
3/4"	142	<b>L74M-6</b>	<b>183.40</b>	<b>L74M-6MB</b>	<b>186.55</b>



\*\* Optional pyrex sight-feed dome.  
† Minimum clearance required to remove bowl.

### Features:

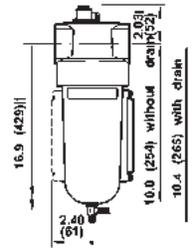
- 1 qt. reservoir
- oil level sight gauge
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

### Jumbo

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	<b>L17-600A</b>	<b>\$376.50</b>
1"	275	<b>L17-800A</b>	<b>371.10</b>
1 1/4"	275	<b>L17-A00A</b>	<b>446.10</b>
1 1/2"	275	<b>L17-B00A</b>	<b>440.55</b>



metal bowl



1 quart US (1 liter) reservoir  
1/4 turn drain

### Features:

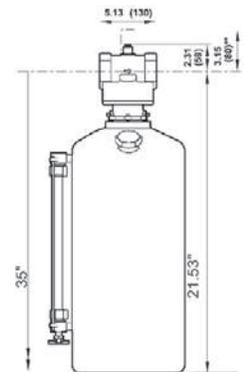
- 2 gallon reservoir
- oil flow can be positively set
- reservoir is ASME constructed
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**
- oil level sight gauge

### Jumbo General Purpose (Oil-Fog Only)

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
2"	1000	<b>10-076-004</b>	<b>\$6183.05</b>



metal bowl



2 and 5 gallon (8 and 20 liter) reservoir  
\*\* Optional pyrex sight-feed dome.  
† Minimum clearance required to remove bowl.

See pages 265-266 for lubricator accessories.  
See page 156 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 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.



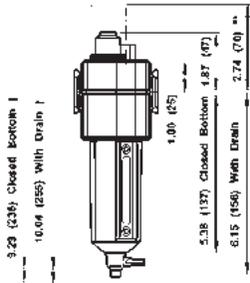
• *Micro-fog lubricators cannot be filled under pressure.*



**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	<b>L73M-2MBPX</b>	<b>\$275.30</b>
3/8"	60	<b>L73M-3MBPX</b>	<b>295.15</b>
1/2"	60	<b>L73M-4MBPX</b>	<b>297.95</b>

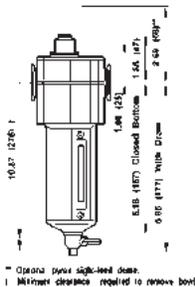


metal bowl

**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	<b>L74M-3MBPX</b>	<b>\$363.95</b>
1/2"	154	<b>L74M-4MBPX</b>	<b>363.95</b>
3/4"	142	<b>L74M-6MBPX</b>	<b>314.30</b>

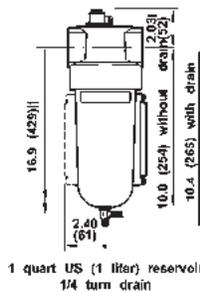


metal bowl

**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**
- maximum temperature: **175°F**

**Jumbo**



Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
1"	275	<b>L17-800APX</b>	<b>\$415.70</b>



metal bowl

See pages 265-266 for lubricator accessories. See page 156 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



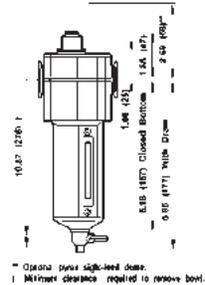
metal bowl

### Features:

- 7 oz. reservoir

### Standard

Port Size	Flow (SCFM)	Transparent Bowl		Metal Bowl	
		Part #	Price/E	Part #	Price/E
3/8"	118	<b>L74C-3</b>	<b>\$186.95</b>	<b>L74C-3MB</b>	<b>\$190.20</b>
1/2"	192	<b>L74C-4</b>	<b>185.15</b>	<b>L74C-4MB</b>	<b>187.45</b>
3/4"	186	<b>L74C-6</b>	<b>185.15</b>	<b>L74C-6MB</b>	<b>190.20</b>



See pages 265-266 for lubricator accessories. See page 156 for air tool lubricant.



*FRL's are designed for air service only, unless otherwise indicated.*

SCFM ratings given at 90 PSIG inlet pressure.

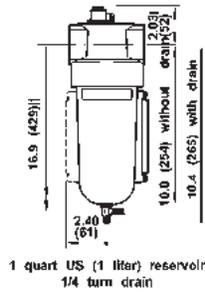
## Series 1 Oil-Fog Lubricators

### 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.



### Features:

- 1 qt. reservoir
- oil level sight gauge
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

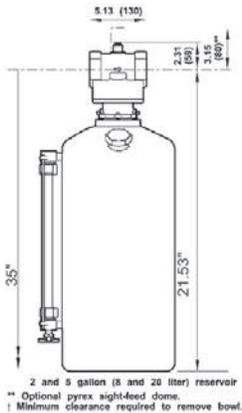
### Jumbo

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
3/4"	160	<b>L17-600D</b>	<b>\$376.50</b>
1"	275	<b>L17-800D</b>	<b>376.50</b>
1 1/2"	275	<b>L17-B00D</b>	<b>440.55</b>



metal bowl

F



### Features:

- 2 gallon reservoir
- oil flow can be positively set
- reservoir is ASME construction
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**
- oil level sight gauge
- cannot be filled under pressure* 

### Jumbo General Purpose (Oil-Fog Only)

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass	
		Part #	Price/E
2"	1000	<b>10-076-004</b>	<b>\$6183.05</b>



metal bowl

See pages 265-266 for lubricator accessories. See page 156 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

### Applications:

- 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.



F



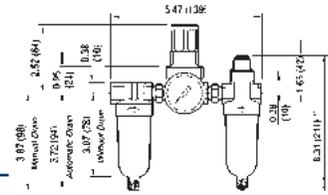
transparent bowls

### Features:

- pressure range 5-125 PSI
- 1 oz. reservoir
- inlet pressure **150 PSI** maximum
- maximum temperature: **125°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	<b>P1A-100A</b>	<b>\$271.05</b>	<b>P1A-100M</b>	<b>\$260.95</b>
1/4"	14	<b>P1A-200A</b>	<b>268.20</b>	<b>P1A-200M</b>	<b>261.55</b>



\*\* minimum clearance required to remove bowl

### Features:

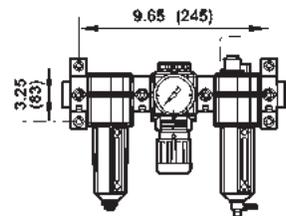
- 5-150 PSI range
- 4 oz. reservoir
- inlet pressure:
  - transparent bowl: **150 PSI** and **125°F**
  - metal bowl: **250 PSI** and **175°F**
- supplied with a G230 gauge
- connected modularly
- Includes 2 clamps and wall mounting brackets # 4314-52, 2 clamps # 4314-51 and 2 NPT pipe adapters #4315-01. See modular components on pages 262, 264 and 266 for other options.



metal bowls

### Compact Combination Unit with Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	70	<b>E73-2A</b>	<b>\$663.65</b>	<b>E73-2M</b>	<b>\$586.90</b>
3/8"	70	<b>E73-3A</b>	<b>662.00</b>	<b>E73-3M</b>	<b>585.25</b>
1/2"	70	<b>E73-4A</b>	<b>661.10</b>	<b>E73-4M</b>	<b>585.60</b>



### Compact Combination Unit with Metal Bowl

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	70	<b>E73-3A-MB</b>	<b>\$680.20</b>	<b>E73-3M-MB</b>	<b>\$603.40</b>
1/2"	70	<b>E73-4A-MB</b>	<b>682.20</b>	<b>E73-4M-MB</b>	<b>604.75</b>



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

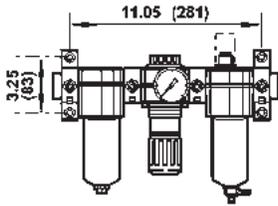
## Series 1 Combination Units

**Features:**

- pressure range 5-150 PSI
- 7 oz. reservoir
- inlet pressure:
  - transparent bowl: **150 PSI** and **125°F**
  - metal bowl: **250 PSI** and **175°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 262, 263 and 265 for other options.

**Standard Combination Unit with Transparent Bowl and Guard**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/2"	150	<b>E74-4A</b>	<b>\$800.40</b>	<b>E74-4M</b>	<b>\$727.05</b>
3/4"	140	<b>E74-6A</b>	<b>801.40</b>	<b>E74-6M</b>	<b>723.00</b>



**F**

**Standard Combination Unit with Metal Bowl and Sight Glass**

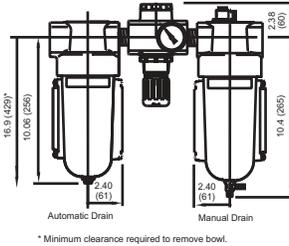
Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
3/8"	110	<b>E74-3A-MB</b>	<b>\$817.45</b>	<b>E74-3M-MB</b>	<b>\$742.10</b>
1/2"	150	<b>E74-4A-MB</b>	<b>810.25</b>	<b>E74-4M-MB</b>	<b>735.15</b>
3/4"	140	<b>E74-6A-MB</b>	<b>808.10</b>	<b>E74-6M-MB</b>	<b>733.85</b>

**Features:**

- pressure range 5-125 PSI
- 1 qt. reservoir
- inlet pressure: **250 PSI**
- maximum temperature: **175°F**

**Jumbo Combination Unit with Metal Bowl and Sight Glass**

Port Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1"	275	<b>P8A-860A</b>	<b>\$1159.90</b>	<b>P8A-860M</b>	<b>\$1082.90</b>



## Desiccant Compressed Air Dryers

**Applications:**

- 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**

**Sub-Compact**

Reservoir Size	Flow (SCFM)	Metal Bowl with Guard	
		Part #	Price/E
1 qt.	10	<b>W74D-2A-MB32</b>	<b>\$582.30</b>

See page 261 for silica gel refills.



7 oz. reservoir      1 qt. reservoir

**!** 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

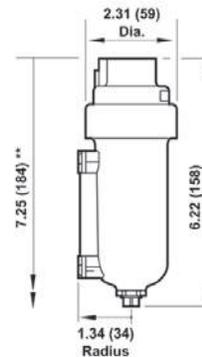
**Application:**

- 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**
- maximum temperature: **175°F**

Port Size	Part #	Price/E
1/2"	<b>17-016-107</b>	<b>\$306.50</b>



\*\* Minimum clearance to remove bowl.

## Hex Nipples

**Feature:**

- ref SAE 130137



NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8" x 1/8"	<b>BCN12</b>	<b>\$2.53</b>	100
1/4" x 1/4"	<b>BCN25</b>	<b>2.81</b>	100
3/8" x 3/8"	<b>BCN37</b>	<b>4.09</b>	50
1/2" x 1/2"	<b>BCN50</b>	<b>5.70</b>	25
3/4" x 3/4"	<b>BCN75</b>	<b>7.50</b>	20
1" x 1"	<b>BCN100</b>	<b>18.00</b>	10

## Close Nipples

**Features:**

- Stainless steel close nipples are available on page 742.
- Brass close nipples are available on pages 344 and 365.



Size	Carbon Steel Part #	Price/E	Opt Qty
1" x 1"	<b>CN100</b>	<b>\$3.50</b>	10
1 1/4" x 1 1/4"	<b>CN125</b>	<b>4.40</b>	10
1 1/2" x 1 1/2"	<b>CN150</b>	<b>5.50</b>	10
2" x 2"	<b>CN200</b>	<b>7.45</b>	10



Do not use pipe nipples as hose inserts.

## Series 1 Filter Accessories

## Elements

Used On	Description	Part #	Price/E
F07	5 micron	<b>3652-11</b>	<b>\$27.10</b>
F08	5 micron	<b>3161-16</b>	<b>26.75</b>
	40 micron	<b>3161-18</b>	<b>26.75</b>
F17	5 micron	<b>5311-01</b>	<b>139.70</b>
	25 micron	<b>5311-02</b>	<b>139.70</b>
	40 micron	<b>5311-03</b>	<b>106.75</b>
F18	5 micron	<b>5882-11</b>	<b>379.60</b>
	25 micron	<b>5882-12</b>	<b>376.10</b>
	50 micron	<b>5882-13</b>	<b>376.10</b>
F72	5 micron	<b>5925-03</b>	<b>17.35</b>
	40 micron	<b>5925-02</b>	<b>14.45</b>
F73	5 micron	<b>4438-01</b>	<b>21.05</b>
	40 micron	<b>4438-03</b>	<b>20.85</b>
F74	5 micron	<b>4338-04</b>	<b>22.00</b>
	40 micron	<b>4338-05</b>	<b>17.60</b>
F74C	oil removal filter	<b>4344-01</b>	<b>117.65</b>
F74H	oil removal filter	<b>4344-02</b>	<b>174.40</b>
F74V	vapor removal filter	<b>4341-01</b>	<b>218.45</b>

5 micron element  
5925-03

F

## Silica Gel Refills

Used On	Description	Part #	Price/E
W74D	5 silica gel refills, .25 lb. ea	<b>4385-700</b>	<b>\$225.30</b>

## Bowls and Bowl Guards

Used On	Description	Part #	Price/E
F07	polycarbonate bowl with auto drain	<b>3646-51</b>	<b>\$37.65</b>
	polycarbonate bowl with manual drain	<b>3646-53</b>	<b>25.60</b>
F08	transparent bowl with manual drain	<b>3776-50</b>	<b>97.90</b>
F17	metal bowl with drain	<b>5390-77</b>	<b>258.80</b>
F72	transparent bowl with manual drain	<b>4266-50RF</b>	<b>47.65</b>
	transparent bowl with semi-automatic drain	<b>4266-52RF</b>	<b>64.85</b>
F73	transparent bowl with manual drain, ¼ turn	<b>4425-50RF</b>	<b>69.30</b>
	transparent bowl with auto drain	<b>4425-51RF</b>	<b>176.20</b>
F74	plastic bowl assembly with guard and ¼ turn manual drain	<b>4325-51R</b>	<b>65.60</b>
	plastic bowl assembly with guard and automatic drain	<b>4325-52R</b>	<b>160.70</b>

transparent bowl and guard  
4325-51R

## Auto and Manual Drains

Used On	Description	Part #	Price/E
F08, F17	auto drain	<b>3000-10</b>	<b>\$84.95</b>
	manual drain	<b>619-50</b>	<b>15.85</b>
	manual drain assembly	<b>2796-52</b>	<b>84.95</b>
F72, F73	auto drain	<b>4000-51R</b>	<b>43.60</b>
F74	auto drain	<b>3000-10</b>	<b>84.95</b>
F72, F73, F74	manual drain	<b>619-50</b>	<b>15.85</b>

auto drain  
3000-10

## Lens Kits

Used On	Description	Part #	Price/E
F72	liquid level lens kit	<b>4380-020</b>	<b>\$22.70</b>
F73	liquid level lens kit	<b>4380-030</b>	<b>23.05</b>
F74	high pressure dome sight glass kit	<b>4380-051</b>	<b>35.60</b>

liquid level lens kit  
4380-030

## Series 1 Filter Accessories

## Indicator Conversion Kit



service life indicator

## 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	<b>5797-50</b>	<b>\$81.05</b>

## Mounting Brackets

mounting bracket  
6212-50

Used On	Description	Part #	Price/E
F07	mounting bracket only	<b>5939-06</b>	<b>\$16.70</b>
F17	mounting bracket kit for 3/4" and 1" ported units	<b>6212-50</b>	<b>130.20</b>

## 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 pages 344 and 742 to connect combination unit and then place in bracket.



4324-50

Used On	Description	Part #	Price/E
F72	wall mounting bracket for all F72 series	<b>4224-50</b>	<b>\$22.70</b>
F73	wall mounting bracket for all F73 series	<b>4424-50</b>	<b>21.25</b>
F74	wall mounting bracket for all F74 series	<b>4324-50</b>	<b>28.40</b>

## 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



quick-clamp



bracket



quick-clamp with bracket

Used On	Description	Part #	Price/E
F72	quick-clamp	<b>4214-51</b>	<b>\$20.40</b>
	quick-clamp service kit (2 O-rings)	<b>4384-570</b>	<b>14.45</b>
	quick-clamp and bracket assembly	<b>4214-52</b>	<b>26.35</b>
F73, F74	quick-clamp	<b>4314-51</b>	<b>21.30</b>
	quick-clamp service kit (2 O-rings)	<b>4384-770</b>	<b>15.95</b>
	wall bracket for quick-clamp (uses 7/32" screws)	<b>4313-50</b>	<b>17.30</b>
	quick-clamp and bracket assembly	<b>4314-52</b>	<b>32.55</b>

## Blocks

## Features:

- installed with quick-clamps
- provides additional outlets and manifolding capability



porting block



manifold block

Used On	Description	Part #	Price/E
F73, F74	porting block, three 1/4" PTF outlets	<b>4316-50</b>	<b>\$44.35</b>
	manifold block, three 3/4" PTF outlets	<b>4328-50</b>	<b>88.10</b>

## Adapters

## Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually



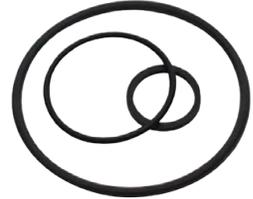
pipe adapters

Used On	Description	Part #	Price/E
F72	1/4" PTF connections	<b>4215-02</b>	<b>\$35.70</b>
	3/8" PTF connections	<b>4215-03</b>	<b>23.35</b>
F73, F74	1/4" PTF connections	<b>4315-01</b>	<b>30.40</b>
	3/8" PTF connections	<b>4315-02</b>	<b>29.80</b>
	1/2" PTF connections	<b>4315-03</b>	<b>31.25</b>
	3/4" PTF connections	<b>4315-04</b>	<b>29.80</b>

## Series 1 Filter Accessories

## Service Kits

Used On	Description	Part #	Price/E
F17	O-rings, seals, and gaskets	<b>5578-05</b>	<b>\$38.95</b>
F18		<b>5945-50</b>	<b>48.10</b>
F73		<b>4380-600</b>	<b>14.65</b>
F74		<b>4380-700</b>	<b>15.65</b>



4380-700

## Series 1 Regulator Accessories

## Replacement Springs

Used On	Pressure Ratings	Part #	Price/E
R74	5-60 PSI	<b>4332-01</b>	<b>\$15.50</b>
	5-150 PSI	<b>4332-02</b>	<b>15.50</b>



4432-02

## 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

Used On	Description	Part #	Price/E
R72	tamper proof kit	<b>4255-51</b>	<b>\$19.00</b>
R73	tamper proof kit	<b>4455-51</b>	<b>25.00</b>
R74	tamper proof kit	<b>4355-51</b>	<b>24.75</b>



tamper resistant cover

## Panel Nuts

Used On	Description	Part #	Price/E
R07	plastic panel nut	<b>2962-89</b>	<b>\$9.25</b>
R08	plastic panel nut	<b>5191-89</b>	<b>18.50</b>
R17	metal panel nut	<b>5226-97</b>	<b>39.50</b>
R72	plastic panel nut	<b>4248-89</b>	<b>11.60</b>
R73	zinc panel nut	<b>5191-88</b>	<b>13.35</b>
R74	zinc panel nut	<b>4348-89</b>	<b>11.55</b>



panel nut

## Repair Kits

Used On	Description	Part #	Price/E
R07	diaphragm, relieving	<b>3407-02</b>	<b>\$32.75</b>
R08		<b>5298-14</b>	<b>81.20</b>
R11		<b>529-03</b>	<b>128.80</b>
R17		<b>5578-02</b>	<b>113.10</b>
R72		<b>4381-500</b>	<b>28.00</b>
R73		<b>4381-600</b>	<b>42.35</b>
R74		<b>4381-700</b>	<b>48.50</b>



3407-02



4381-700

## Series 1 Regulator Accessories



18-025-003



5203-06



4324-50

## Mounting Brackets

Used On	Description	Part #	Price/E
R07	mounting bracket with plastic panel nut	<b>18-025-003</b>	<b>\$19.85</b>
R08	mounting bracket with plastic panel nut	<b>5203-06</b>	<b>37.10</b>
R17	mounting bracket with plastic panel nut	<b>5570-04</b>	<b>50.40</b>

## 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 to connect combination unit and then place in bracket.

Used On	Description	Part #	Price/E
R72	wall mounting bracket	<b>4224-50</b>	<b>\$22.70</b>
R73	wall mounting bracket	<b>4424-50</b>	<b>21.25</b>
R74	wall mounting bracket	<b>4324-50</b>	<b>28.40</b>

## 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



quick-clamp

bracket



quick-clamp with bracket

Used On	Description	Part #	Price/E
R72	quick-clamp	<b>4214-51</b>	<b>\$20.40</b>
	quick-clamp service kit (2 O-rings)	<b>4384-570</b>	<b>14.45</b>
	quick-clamp and bracket assembly	<b>4214-52</b>	<b>26.35</b>
R73, R74	quick-clamp	<b>4314-51</b>	<b>21.30</b>
	quick-clamp service kit (2 O-rings)	<b>4384-770</b>	<b>15.95</b>
	wall bracket for quick-clamp (uses 7/32" screws)	<b>4313-50</b>	<b>17.30</b>
	quick-clamp and bracket assembly	<b>4314-52</b>	<b>32.55</b>

## Blocks

## Features:

- installed with quick-clamps
- provides additional outlets and manifolding capability



porting block

manifold block

Used On	Description	Part #	Price/E
R73, R74	porting block, three 1/4" PTF outlets	<b>4316-50</b>	<b>\$44.35</b>
	manifold block, three 3/4" PTF outlets	<b>4328-50</b>	<b>88.10</b>

## Adapters

## Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually



pipe adapter

Used On	Description	Part #	Price/E
R72	1/4" PTF connections	<b>4215-02</b>	<b>\$35.70</b>
	3/8" PTF connections	<b>4215-03</b>	<b>23.35</b>
R73, R74	1/4" PTF connections	<b>4315-01</b>	<b>30.40</b>
	3/8" PTF connections	<b>4315-02</b>	<b>29.80</b>
	1/2" PTF connections	<b>4315-03</b>	<b>31.25</b>
	3/4" PTF connections	<b>4315-04</b>	<b>29.80</b>

see page 276 for replacement gauges

## Series 1 Lubricator Accessories

## Bowls and Bowl Guards

Used On	Description	Part #	Price/E
L07	polycarbonate bowl with manual drain	<b>3646-54</b>	<b>\$23.00</b>
L73	transparent bowl with manual drain	<b>4425-50RL</b>	<b>78.75</b>
L74	metal bowl with Pyrex® liquid level indicator and ¼ turn manual drain	<b>4303-77R</b>	<b>140.35</b>
	transparent bowl with manual drain	<b>4325-50R</b>	<b>66.25</b>



3646-54

## Auto and Manual Drain

Used On	Description	Part #	Price/E
L08, L17	manual drain assembly	<b>2796-52</b>	<b>\$18.80</b>
L08, L17	manual drain	<b>619-50</b>	<b>15.85</b>



2796-52

## Seal Wire

## Features:

- provides tamper resistant protection of the lubricator drip rate setting

Used On	Description	Part #	Price/E
L73, L74	metal wire	<b>2117-01</b>	<b>\$16.85</b>



seal wire

## Domes, Caps and Plugs

Used On	Description	Part #	Price/E
L08	quick fill cap	<b>18-011-024</b>	<b>\$33.00</b>
L17, L74	quick fill cap	<b>18-011-021</b>	<b>46.70</b>
L73, L74	aluminum fill plug	<b>5301-55</b>	<b>15.25</b>
L17, L72, L74, L73	sight feed dome (micro-fogging design)	<b>4055-50</b>	<b>32.70</b>
	sight feed dome (oil-fogging design)	<b>4055-51</b>	<b>32.50</b>
L72, L74	high pressure sight feed dome	<b>5605-50</b>	<b>185.20</b>
L74	liquid level indicator repair kit	<b>4380-050</b>	<b>35.85</b>



18-011-021



5605-50

## Seal Kits

Used On	Description	Part #	Price/E
L17	O-rings, seals, and gaskets	<b>5771-02</b>	<b>\$16.25</b>
L73	O-rings, seals, and gaskets	<b>4382-600</b>	<b>16.80</b>
L74	O-rings, seals, and gaskets	<b>4382-700</b>	<b>14.45</b>



5771-02

## Mounting Brackets

Used On	Description	Part #	Price/E
L07	mounting bracket only	<b>5095-17</b>	<b>\$17.40</b>
L17	mounting bracket kit for ¾" and 1" ported units	<b>6212-50</b>	<b>130.20</b>

mounting bracket  
6212-50

F

## 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.



4324-50

Used On	Description	Part #	Price/E
L72	wall mounting bracket for all L72 series	<b>4224-50</b>	<b>\$22.70</b>
L73	wall mounting bracket for all L73 series	<b>4424-50</b>	<b>21.25</b>
L74	wall mounting bracket for L74 series	<b>4324-50</b>	<b>28.40</b>

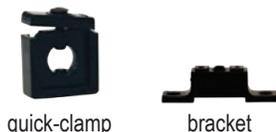
### Quick Clamps and Brackets

**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



quick-clamp

bracket



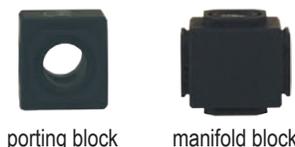
quick-clamp with bracket

Used On	Description	Part #	Price/E
L72	quick-clamp	<b>4214-51</b>	<b>\$20.40</b>
	quick-clamp service kit (2 O-rings)	<b>4384-570</b>	<b>14.45</b>
	quick-clamp and bracket assembly	<b>4214-52</b>	<b>26.35</b>
L73, L74	quick-clamp	<b>4314-51</b>	<b>21.30</b>
	quick-clamp service kit (2 O-rings)	<b>4384-770</b>	<b>15.95</b>
	wall bracket for quick-clamp (uses 7/32" screws)	<b>4313-50</b>	<b>17.30</b>
	quick-clamp and bracket assembly	<b>4314-52</b>	<b>32.55</b>

### Blocks

**Features:**

- installed with quick-clamps
- provides additional outlets and manifolding capability



porting block

manifold block

Used On	Description	Part #	Price/E
L73, L74	porting block, three 1/4" PTF outlets	<b>4316-50</b>	<b>\$44.35</b>
	manifold block, three 1/4" PTF outlets	<b>4328-50</b>	<b>88.10</b>

### Adapters

**Features:**

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually



pipe adapter

Used On	Description	Part #	Price/E
L72	1/4" PTF connections	<b>4215-02</b>	<b>\$35.70</b>
	3/8" PTF connections	<b>4215-03</b>	<b>23.35</b>
L73, L74	1/4" PTF connections	<b>4315-01</b>	<b>30.40</b>
	3/8" PTF connections	<b>4315-02</b>	<b>29.80</b>
	1/2" PTF connections	<b>4315-03</b>	<b>31.25</b>
	3/4" PTF connections	<b>4315-04</b>	<b>29.80</b>

## Series 1 Filter/Regulator Accessories

### Bowls and Bowl Guards

Used On	Description	Part #	Price/E
B74	transparent bowl with manual drain	<b>4325-51R</b>	<b>\$65.60</b>
	transparent bowl with auto drain	<b>4325-52R</b>	<b>160.70</b>



4325-51R

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### 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

Used On	Description	Part #	Price/E
B72	tamper proof kit	<b>4255-51</b>	<b>\$19.00</b>
B73	tamper proof kit	<b>4455-51</b>	<b>25.00</b>
B74	tamper proof kit	<b>4355-51</b>	<b>24.75</b>



tamper resistant cover

### Panel Nuts

Used On	Description	Part #	Price/E
B08	plastic panel nut	<b>5191-89</b>	<b>\$18.50</b>
B72	plastic panel nut	<b>4248-89</b>	<b>11.60</b>
B73	zinc panel nut	<b>5191-88</b>	<b>13.35</b>
B74	zinc panel nut	<b>4348-89</b>	<b>11.55</b>



panel nut

### Mounting Brackets

Used On	Description	Part #	Price/E
B07	mounting bracket	<b>18-025-003</b>	<b>\$19.85</b>
B08	mounting bracket kit	<b>5203-06</b>	<b>37.10</b>



18-025-003

See page 276 for replacement gauges.

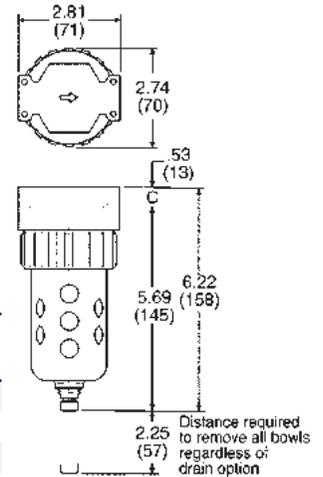
## Watts Filters

**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 Metal Bowl Guard**

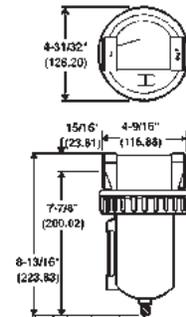
Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1/4"	53	<b>F602-02BJR</b>	<b>\$184.15</b>	<b>F602-02BJ</b>	<b>\$121.75</b>
3/8"	80	<b>F602-03BJR</b>	<b>184.15</b>	<b>F602-03BJ</b>	<b>121.75</b>
1/2"	85	<b>F602-04BJR</b>	<b>184.15</b>	<b>F602-04BJ</b>	<b>121.75</b>

**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
3/4"	270	<b>F602-06WJR</b>	<b>\$388.15</b>	<b>F602-06WJ</b>	<b>\$325.75</b>
1"	300	<b>F602-08WJR</b>	<b>388.15</b>	<b>F602-08WJ</b>	<b>325.75</b>



See page 273 for filter accessories.



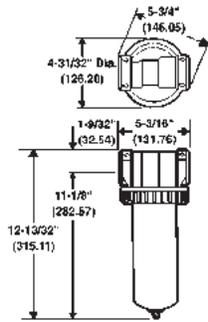
*FRL's are designed for air service only, unless otherwise indicated.*

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

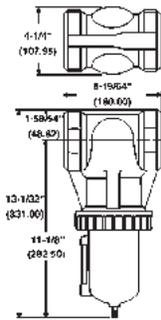
Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
1½"	450	<b>F602-12WJR</b>	<b>\$454.55</b>	<b>F602-12WJ</b>	<b>\$392.15</b>



F

## 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	<b>F602-16WJR</b>	<b>\$1298.55</b>	<b>F602-16WJ</b>	<b>\$1236.10</b>

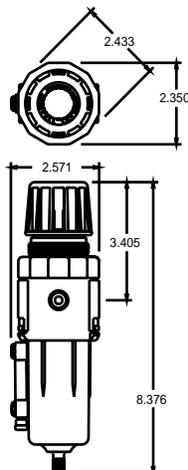


See page 273 for filter accessories.

## 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
¼"	60	<b>B11-02WJCR</b>	<b>\$292.85</b>	<b>B11-02WJC</b>	<b>\$230.45</b>
⅜"	70	<b>B11-03WJCR</b>	<b>292.85</b>	<b>B11-03WJC</b>	<b>230.45</b>
½"	80	<b>B11-04WJCR</b>	<b>292.85</b>	<b>B11-04WJC</b>	<b>230.45</b>



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

# Watts Regulators

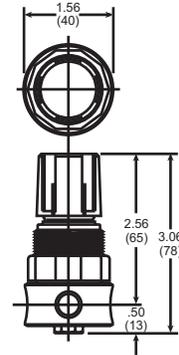
**Features:**

- 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	<b>R364-02CG</b>	<b>\$78.00</b>	<b>R364-02C</b>	<b>\$57.30</b>



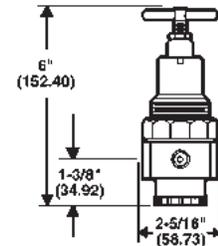
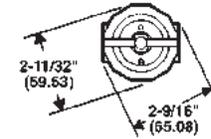
**Features:**

- 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	<b>R11-02CG</b>	<b>\$129.40</b>	<b>R11-02C</b>	<b>\$108.70</b>
3/8"	70	<b>R11-03CG</b>	<b>129.40</b>	<b>R11-03C</b>	<b>108.70</b>
1/2"	80	<b>R11-04CG</b>	<b>129.40</b>	<b>R11-04C</b>	<b>108.70</b>



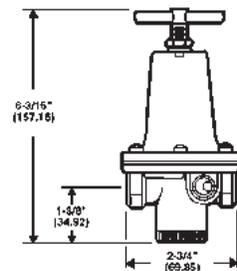
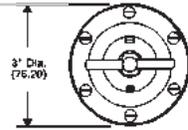
**Features:**

- 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	<b>R119-02CG</b>	<b>\$152.55</b>	<b>R119-02C</b>	<b>\$131.85</b>
3/8"	80	<b>R119-03CG</b>	<b>152.55</b>	<b>R119-03C</b>	<b>131.85</b>
1/2"	100	<b>R119-04CG</b>	<b>177.70</b>	<b>R119-04C</b>	<b>157.00</b>



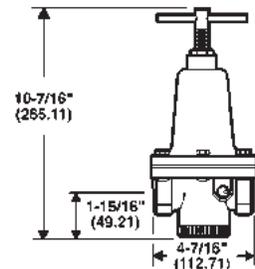
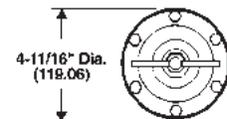
**Features:**

- 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	<b>R119-06CG</b>	<b>\$277.20</b>	<b>R119-06C</b>	<b>\$256.50</b>
1"	220	<b>R119-08CG</b>	<b>277.20</b>	<b>R119-08C</b>	<b>256.50</b>
1 1/2"	250	<b>R119-12CG</b>	<b>344.00</b>	<b>R119-12C</b>	<b>323.30</b>



See page 274 for regulator accessories.



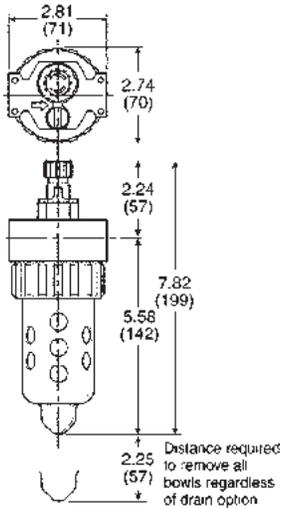
FRL's are designed for air service only, unless otherwise indicated.

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



## Features:

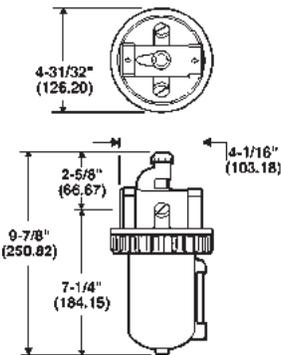
- 2.6 oz. bowl
- zinc body
- micromist
- maximum operating conditions:
  - temperature range: **40°F (4.4°C) to 125°F (52°C)**
  - maximum operating pressure: **150 PSIG (10.2 bar)**

## Compact

Size	Flow (SCFM)	Polycarbonate Bowl with Metal Bowl Guard	
		Part #	Price/E
¼"	40	<b>L606-02B</b>	<b>\$147.80</b>
⅜"	60	<b>L606-03B</b>	<b>147.80</b>
½"	90	<b>L606-04B</b>	<b>147.80</b>



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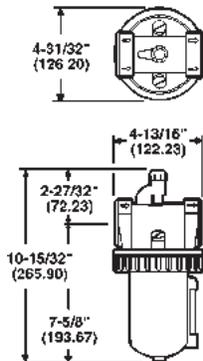


## Features:

- 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	<b>L606-06W</b>	<b>\$333.80</b>
1"	320	<b>L606-08W</b>	<b>333.80</b>



## 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	<b>L606-12W</b>	<b>\$397.50</b>



See page 274 for lubricator accessories. See page 156 for air tool lubricant.



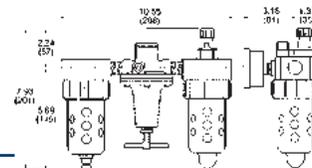
FRL's are designed for air service only, unless otherwise indicated.

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)

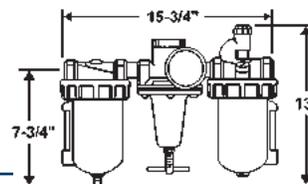


## Compact Polycarbonate Bowl with Metal Bowl Guard

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¼"	40	<b>C11-02A</b>	<b>\$507.10</b>	<b>C11-02M</b>	<b>\$444.70</b>
⅜"	60	<b>C11-03A</b>	<b>509.80</b>	<b>C11-03M</b>	<b>447.40</b>
½"	85	<b>C119-04A</b>	<b>561.25</b>	<b>C119-04M</b>	<b>498.85</b>

## 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)

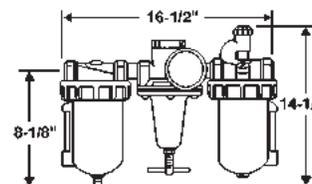


## Standard Zinc Bowl with Sight Glass

Size	Flow (SCFM)	Automatic Drain		Manual Drain	
		Part #	Price/E	Part #	Price/E
¾"	275	<b>C119-06AMB</b>	<b>\$1054.15</b>	<b>C119-06MMB</b>	<b>\$991.75</b>
1"	320	<b>C119-08AMB</b>	<b>1046.15</b>	<b>C119-08MMB</b>	<b>983.75</b>

## 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
1½"	550	<b>C119-12AMB</b>	<b>\$1247.05</b>	<b>C119-12MMB</b>	<b>\$1184.65</b>



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, F602-04	40 micron	<b>PS701</b> <b>NEW</b>	<b>\$39.90</b>
F602-06, F602-08, F602-12	5 micron	<b>EK602VB</b>	<b>78.35</b>
F602-06, F602-08, F602-12	40 micron	<b>EK602B</b>	<b>78.35</b>
F602-16	40 micron	<b>EK602G</b>	<b>92.55</b>

40 micron filter  
EK602G

F

Bowls and Sight Glass Repair Kit **NEW**

Used On	Description	Part #	Price/E
F602-02 F602-03 F602-04	polycarbonate bowl with twist drain	<b>PS732</b>	<b>\$52.20</b>

Auto and Manual Drains **NEW**

Used On	Description	Part #	Price/E
F602	auto float drain	<b>PS506</b>	<b>\$98.65</b>
F602	twist drain	<b>PS512</b>	<b>14.85</b>

twist drain  
PS512

## Accessories

Used On	Description	Part #	Price/E
F602 F603 F604	mounting bracket	<b>PS743</b> <b>NEW</b>	<b>\$23.60</b>
F602 3/4"	mounting bracket (2 required)	<b>SA200AW57</b>	<b>31.65</b>
F602 1"	mounting bracket (2 required)	<b>SA200CW57</b>	<b>31.65</b>

mounting bracket  
SA200AW57

## Watts Regulator Accessories

### Repair Kits



repair kit  
RK119B

Used On	Description	Part #	Price/E
R11	relieving diaphragm, valve assembly	<b>RKR10Y</b>	<b>\$48.85</b>
R119-02		<b>RK119Y</b>	<b>52.65</b>
R119-03		<b>RK119A</b>	<b>64.95</b>
R119-04			
R119-06		<b>RK119B</b>	<b>116.30</b>
R119-08		<b>RK119D</b>	<b>120.15</b>
R119-12			
R364-02	<b>RKR164Y</b>	<b>34.65</b>	

### Accessories



mounting bracket  
SAR10Y57



mounting bracket  
SA15Y57

Used On	Description	Part #	Price/E
R11	mounting bracket with panel nut	<b>SAR10Y57</b>	<b>\$16.80</b>
R119-02	mounting bracket	<b>SA15Y57</b>	<b>18.50</b>
R119-03			
R119-04	mounting bracket	<b>18A57</b>	<b>21.45</b>
R119-06	mounting bracket	<b>18B57</b>	<b>54.35</b>
R119-08			
R119-12			
R364-02	mounting bracket with panel nut	<b>SA161X57</b>	<b>15.95</b>

## Watts Lubricator Accessories

### Sight Glass Repair Kit



sight glass

Used On	Description	Part #	Price/E
L606-06	sight glass	<b>RKB605WB</b>	<b>\$27.20</b>
L606-08			
L606-12			

### Accessories



mounting bracket  
SA200AW57

Used On	Description	Part #	Price/E
L606-02	mounting bracket	<b>PS743</b>	<b>\$23.60</b>
L606-03			
L606-04			
L606-06	mounting bracket (2 required)	<b>SA200AW57</b>	<b>31.65</b>
L606-08	mounting bracket (2 required)	<b>SA200CW57</b>	<b>31.65</b>

## 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 B40.100 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	<b>GBR15</b>	<b>\$53.00</b>
0-30	5	.5	<b>GBR30</b>	<b>53.00</b>
0-60	10	1	<b>GBR60</b>	<b>53.00</b>
0-100	20	2	<b>GBR100</b>	<b>53.00</b>
0-160	20	2	<b>GBR160</b>	<b>53.00</b>
0-200	50	5	<b>GBR200</b>	<b>53.00</b>
0-300	50	5	<b>GBR300</b>	<b>53.00</b>
0-400	100	10	<b>GBR400</b>	<b>53.00</b>
0-600	100	10	<b>GBR600</b>	<b>53.00</b>
0-1000	200	20	<b>GBR1000</b>	<b>62.00</b>
0-1500	300	20	<b>GBR1500</b>	<b>62.00</b>
0-2000	500	50	<b>GBR2000</b>	<b>62.00</b>
0-3000	500	50	<b>GBR3000</b>	<b>62.00</b>
0-5000	1000	100	<b>GBR5000</b>	<b>67.00</b>



## 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	<b>PGS30</b>	<b>\$177.60</b>
0-60	10	.5	<b>PGS60</b>	<b>177.60</b>
0-100	10	1	<b>PGS100</b>	<b>177.60</b>
0-160	20	1	<b>PGS160</b>	<b>177.60</b>
0-200	20	2	<b>PGS200</b>	<b>177.60</b>
0-300	50	2	<b>PGS300</b>	<b>177.60</b>
0-600	10	5	<b>PGS600</b>	<b>177.60</b>
0-1000	100	10	<b>PGS1000</b>	<b>177.60</b>



# 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, corrosion resistant
- c-shaped bronze safety bourdon tube (600 PSI and lower)
- helical wound bronze safety bourdon tube (1000 PSI and higher)
- polycarbonate window
- black aluminum pointer
- ambient temperature range: **-40°F to 150°F**

## Center Back Mount



GC230

### 1½" face ⅛" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-30	5	.5	<b>GC605</b>	<b>\$16.70</b>
0-60	5	1	<b>GC610</b>	<b>16.70</b>
0-100	10	2	<b>GC615</b>	<b>16.70</b>
0-160	20	5	<b>GC620</b>	<b>16.70</b>
0-200	20	5	<b>GC625</b>	<b>16.70</b>

### 2" face ¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	<b>GC200</b>	<b>\$22.20</b>
0-30	5	.5	<b>GC215</b>	<b>20.70</b>
0-60	5	1	<b>GC220</b>	<b>20.70</b>
0-100	10	2	<b>GC225</b>	<b>20.70</b>
0-160	20	5	<b>GC230</b>	<b>20.70</b>
0-200	20	5	<b>GC235</b>	<b>20.70</b>
0-300	30	5	<b>GC240</b>	<b>20.70</b>

## Lower Mount



GL140

### 2" face ¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	<b>GL100</b>	<b>\$19.20</b>
0-30	5	.5	<b>GL115</b>	<b>17.75</b>
0-60	5	1	<b>GL120</b>	<b>17.75</b>
0-100	10	2	<b>GL125</b>	<b>17.75</b>
0-160	20	5	<b>GL130</b>	<b>17.75</b>
0-200	20	5	<b>GL135</b>	<b>17.75</b>
0-300	30	5	<b>GL140</b>	<b>17.75</b>

### 2½" face ¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	<b>GL300</b>	<b>\$20.40</b>
0-30	5	.5	<b>GL320</b>	<b>18.95</b>
0-60	5	1	<b>GL325</b>	<b>18.95</b>
0-100	10	2	<b>GL330</b>	<b>18.95</b>
0-160	20	5	<b>GL335</b>	<b>18.95</b>
0-200	20	5	<b>GL340</b>	<b>18.95</b>
0-300	30	5	<b>GL345</b>	<b>18.95</b>
0-400	50	10	<b>GL347</b>	<b>18.95</b>
0-600	50	10	<b>GL350</b>	<b>18.95</b>
0-1000	200	20	<b>GL355</b>	<b>28.10</b>
0-1500	300	50	<b>GL360</b>	<b>28.10</b>
0-2000	400	50	<b>GL365</b>	<b>28.10</b>
0-3000	500	100	<b>GL370</b>	<b>28.10</b>
0-5000	1000	100	<b>GL375</b>	<b>28.10</b>

### 3½" face ¼" lower mount

PSI	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	<b>GS15-4</b>	<b>\$28.10</b>
0-30	5	.5	<b>GS30-4</b>	<b>26.60</b>
0-60	5	1	<b>GS60-4</b>	<b>26.60</b>
0-100	10	2	<b>GS100-4</b>	<b>26.60</b>
0-160	20	5	<b>GS160-4</b>	<b>26.60</b>
0-200	20	5	<b>GS200-4</b>	<b>26.60</b>
0-300	30	5	<b>GS300-4</b>	<b>26.60</b>
0-400	50	10	<b>GS400-4</b>	<b>26.60</b>
0-600	50	10	<b>GS600-4</b>	<b>26.60</b>
0-1000	200	20	<b>GS1000-4</b>	<b>36.95</b>

## Contractor Pressure Gauges

### Features:

- accuracy class:  $\pm 1\%$  of span
- wetted parts: copper alloy
- window: acrylic, snap in
- dial: aluminum, white

4½" face  
¼" lower mount

PSI Range	Part #	Price/E
0-15	<b>4277750-0001</b>	<b>\$71.60</b>
0-30	<b>4277768-0001</b>	<b>71.60</b>
0-60	<b>4277776-0003</b>	<b>71.60</b>

- pointer: aluminum, black, adjustable
- mounting flanged/bracket; rear flange: stainless steel
- case: stainless steel



4277768-0001

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## 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.

2½" face  
¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	1	.5	<b>GL300FG</b>	<b>\$22.20</b>
0-30	5	.5	<b>GL320FG</b>	<b>20.70</b>
0-60	5	1	<b>GL325FG</b>	<b>20.70</b>
0-100	10	2	<b>GL330FG</b>	<b>20.70</b>
0-160	20	5	<b>GL335FG</b>	<b>20.70</b>
0-200	20	5	<b>GL340FG</b>	<b>20.70</b>
0-300	30	5	<b>GL345FG</b>	<b>20.70</b>
0-400	50	10	<b>GL347FG</b>	<b>20.70</b>
0-600	50	10	<b>GL350FG</b>	<b>20.70</b>
0-1000	200	20	<b>GL355FG</b>	<b>29.85</b>
0-1500	300	50	<b>GL360FG</b>	<b>29.85</b>
0-2000	400	50	<b>GL365FG</b>	<b>29.85</b>
0-3000	500	100	<b>GL370FG</b>	<b>29.85</b>
0-5000	1000	100	<b>GL375FG</b>	<b>29.85</b>

- ASME B40.1, Grade B ( $\pm 3-2-3\%$  accuracy)
- ABS plastic case, corrosion resistant
- C-shaped bronze safety bourdon tube (600 PSI gauges and lower)
- helical wound bronze safety bourdon tube (1000 PSI gauges and higher)
- polycarbonate window
- 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

## Stainless Panel Builder Gauges

2½" face  
¼" lower back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>PBLSS15</b>	<b>\$154.50</b>
0-30	5	.5	<b>PBLSS30</b>	<b>154.50</b>
0-60	10	1	<b>PBLSS60</b>	<b>154.50</b>
0-100	20	2	<b>PBLSS100</b>	<b>154.50</b>
0-160	20	2	<b>PBLSS160</b>	<b>154.50</b>
0-200	50	5	<b>PBLSS200</b>	<b>154.50</b>
0-300	50	5	<b>PBLSS300</b>	<b>154.50</b>
0-400	100	10	<b>PBLSS400</b>	<b>154.50</b>
0-600	100	10	<b>PBLSS600</b>	<b>154.50</b>
0-800	200	20	<b>PBLSS800</b>	<b>154.50</b>
0-1000	200	20	<b>PBLSS1000</b>	<b>154.50</b>
0-1500	300	20	<b>PBLSS1500</b>	<b>154.50</b>
0-2000	500	50	<b>PBLSS2000</b>	<b>154.50</b>
0-3000	500	50	<b>PBLSS3000</b>	<b>154.50</b>
0-5000	1000	100	<b>PBLSS5000</b>	<b>154.50</b>

### 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  $\pm 2/1/2\%$  full scale accuracy
- 316L stainless steel wetted parts
- 304 stainless steel case and ring
- white aluminum with black lettering; stop pin
- black aluminum pointer
- glycerin filled case
- laminated safety glass window lens
- ambient temperature range: **-4°F to 140°F**
- maximum media temperature **212°F** maximum



PBLSS200

## Stainless Steel Dry Gauges

### Applications:

- Stainless steel gauges provide the corrosion resistance and durability of a permanently sealed gauge. Designed for severe service applications.

### 2½" face

#### ¼" lower mount

### Features:

- ± 2-1-2% accuracy
- 304 stainless steel case and crimp ring
- polycarbonate window
- ¼" NPT lower mount stainless connector
- 316 stainless bourdon tube and socket
- ambient temperature range: -40°F to 140°F



GSS100

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>GSS15</b>	<b>\$104.15</b>
0-30	5	.5	<b>GSS30</b>	<b>104.15</b>
0-60	10	1	<b>GSS60</b>	<b>104.15</b>
0-100	20	2	<b>GSS100</b>	<b>104.15</b>
0-160	20	2	<b>GSS160</b>	<b>104.15</b>
0-200	50	5	<b>GSS200</b>	<b>104.15</b>
0-300	50	5	<b>GSS300</b>	<b>104.15</b>
0-400	100	10	<b>GSS400</b>	<b>104.15</b>
0-600	100	10	<b>GSS600</b>	<b>104.15</b>
0-1000	200	20	<b>GSS1000</b>	<b>104.15</b>
0-1500	300	20	<b>GSS1500</b>	<b>115.30</b>
0-2000	500	50	<b>GSS2000</b>	<b>115.30</b>
0-3000	500	50	<b>GSS3000</b>	<b>115.30</b>
0-5000	1000	100	<b>GSS5000</b>	<b>115.30</b>
0-10000	2000	200	<b>GSS10000</b>	<b>119.00</b>

### 4" face

#### ¼" lower mount

### Features:

- 1.6% accuracy, exceeds ASME B.40.100 Grade B
- 304 series stainless case
- polycarbonate window, 3½" across
- ¼" NPT lower mount stainless connector
- 316L stainless bourdon tube and socket, polyester segment
- temperature range: -40°F to 140°F



GSS160-4

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.5	<b>GSS15-4</b>	<b>\$164.00</b>
0-30	5	.5	<b>GSS30-4</b>	<b>164.00</b>
0-60	10	1	<b>GSS60-4</b>	<b>164.00</b>
0-100	20	2	<b>GSS100-4</b>	<b>164.00</b>
0-160	20	2	<b>GSS160-4</b>	<b>164.00</b>
0-200	40	5	<b>GSS200-4</b>	<b>164.00</b>
0-300	50	5	<b>GSS300-4</b>	<b>164.00</b>
0-400	50	10	<b>GSS400-4</b>	<b>164.00</b>
0-600	100	10	<b>GSS600-4</b>	<b>164.00</b>
0-1000	200	10	<b>GSS1000-4</b>	<b>164.00</b>
0-1500	200	20	<b>GSS1500-4</b>	<b>164.00</b>
0-3000	500	50	<b>GSS3000-4</b>	<b>164.00</b>
0-5000	1000	100	<b>GSS5000-4</b>	<b>164.00</b>
0-10000	2000	200	<b>GSS10000-4</b>	<b>179.50</b>

## 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.

### Features:

- ± 2-1-2% accuracy
- polycarbonate window
- ¼" NPT lower mount stainless connector
- 304 stainless case and crimp ring
- glycerin filled
- ambient temperature range: -4°F to 140°F



GLSS1500

### 2½" face

#### ¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>GLSS15</b>	<b>\$112.40</b>
0-30	5	.5	<b>GLSS30</b>	<b>112.40</b>
0-60	10	1	<b>GLSS60</b>	<b>112.40</b>
0-100	20	2	<b>GLSS100</b>	<b>112.40</b>
0-160	20	2	<b>GLSS160</b>	<b>112.40</b>
0-200	50	5	<b>GLSS200</b>	<b>112.40</b>
0-300	50	5	<b>GLSS300</b>	<b>112.40</b>
0-400	100	10	<b>GLSS400</b>	<b>112.40</b>
0-600	100	10	<b>GLSS600</b>	<b>112.40</b>
0-1000	200	20	<b>GLSS1000</b>	<b>112.40</b>
0-1500	300	20	<b>GLSS1500</b>	<b>112.40</b>
0-2000	500	50	<b>GLSS2000</b>	<b>112.40</b>
0-3000	500	50	<b>GLSS3000</b>	<b>112.40</b>
0-5000	1000	100	<b>GLSS5000</b>	<b>112.40</b>
0-10000	2000	200	<b>GLSS10000</b>	<b>112.40</b>

## 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
- polycarbonate window
- ¼" NPT center back mount stainless connector
- 304 stainless case and crimp ring
- glycerin filled
- ambient 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	<b>GLSSC100</b>	<b>\$151.00</b>
0-160	20	2	<b>GLSSC160</b>	<b>151.00</b>
0-200	50	5	<b>GLSSC200</b>	<b>151.00</b>



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## 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 ABS cover ring
- 4" face gauges: cast brass, silver painted case with chrome plated brass cover ring
- ambient temperature range: -4°F to 140°F

2½" face  
¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>GLBR15</b>	<b>\$116.50</b>
0-30	5	.5	<b>GLBR30</b>	<b>116.50</b>
0-60	10	1	<b>GLBR60</b>	<b>116.50</b>
0-100	20	2	<b>GLBR100</b>	<b>116.50</b>
0-160	20	2	<b>GLBR160</b>	<b>116.50</b>
0-200	50	5	<b>GLBR200</b>	<b>116.50</b>
0-300	50	5	<b>GLBR300</b>	<b>116.50</b>
0-400	100	10	<b>GLBR400</b>	<b>116.50</b>
0-600	100	10	<b>GLBR600</b>	<b>116.50</b>
0-1000	300	20	<b>GLBR1000</b>	<b>116.50</b>
0-1500	500	20	<b>GLBR1500</b>	<b>129.50</b>
0-2000	500	50	<b>GLBR2000</b>	<b>129.50</b>
0-3000	500	50	<b>GLBR3000</b>	<b>129.50</b>
0-5000	1000	100	<b>GLBR5000</b>	<b>129.50</b>



GLBR200-4

2½" face

¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>GLBRC15</b>	<b>\$135.00</b>
0-30	5	.5	<b>GLBRC30</b>	<b>122.10</b>
0-60	10	1	<b>GLBRC60</b>	<b>122.10</b>
0-100	20	2	<b>GLBRC100</b>	<b>122.10</b>
0-160	20	2	<b>GLBRC160</b>	<b>122.10</b>
0-200	50	5	<b>GLBRC200</b>	<b>122.10</b>
0-300	50	5	<b>GLBRC300</b>	<b>122.10</b>
0-400	100	10	<b>GLBRC400</b>	<b>122.10</b>
0-600	100	10	<b>GLBRC600</b>	<b>122.10</b>
0-1000	300	20	<b>GLBRC1000</b>	<b>122.10</b>
0-1500	500	20	<b>GLBRC1500</b>	<b>135.00</b>
0-2000	500	50	<b>GLBRC2000</b>	<b>135.00</b>
0-3000	500	50	<b>GLBRC3000</b>	<b>135.00</b>
0-5000	1000	100	<b>GLBRC5000</b>	<b>135.00</b>

4" face

½" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>GLBR15-4</b>	<b>\$297.25</b>
0-30	5	.5	<b>GLBR30-4</b>	<b>297.25</b>
0-60	10	1	<b>GLBR60-4</b>	<b>297.25</b>
0-100	20	2	<b>GLBR100-4</b>	<b>297.25</b>
0-160	20	2	<b>GLBR160-4</b>	<b>297.25</b>
0-200	50	5	<b>GLBR200-4</b>	<b>297.25</b>
0-300	50	5	<b>GLBR300-4</b>	<b>297.25</b>
0-400	100	10	<b>GLBR400-4</b>	<b>297.25</b>
0-600	100	10	<b>GLBR600-4</b>	<b>297.25</b>
0-1000	300	20	<b>GLBR1000-4</b>	<b>297.25</b>
0-1500	500	20	<b>GLBR1500-4</b>	<b>324.25</b>
0-2000	500	50	<b>GLBR2000-4</b>	<b>324.25</b>
0-3000	500	50	<b>GLBR3000-4</b>	<b>324.25</b>
0-5000	1000	100	<b>GLBR5000-4</b>	<b>324.25</b>
0-10000	1000	100	<b>GLBR10000-4</b>	<b>444.00</b>

## 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 B (± 3-2-3% accuracy)
- copper alloy bourdon tube
- white aluminum dial with black numbers and black aluminum pointer
- ¼" NPT brass connection
- glycerin filled
- polycarbonate window
- temperature range: -4°F to 140°F

F



GLSC420



GLS430

2½" face  
¼" center back mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>GLSC400</b>	<b>\$56.20</b>
0-30	5	.5	<b>GLSC405</b>	<b>56.20</b>
0-60	10	1	<b>GLSC410</b>	<b>56.20</b>
0-100	20	2	<b>GLSC415</b>	<b>56.20</b>
0-160	20	2	<b>GLSC417</b>	<b>56.20</b>
0-200	50	5	<b>GLSC420</b>	<b>56.20</b>
0-300	50	5	<b>GLSC425</b>	<b>56.20</b>
0-400	100	10	<b>GLSC427</b>	<b>56.20</b>
0-600	100	10	<b>GLSC430</b>	<b>56.20</b>
0-1000	200	20	<b>GLSC435</b>	<b>56.20</b>
0-1500	300	20	<b>GLSC440</b>	<b>62.10</b>
0-2000	500	50	<b>GLSC445</b>	<b>62.10</b>
0-3000	500	50	<b>GLSC450</b>	<b>62.10</b>
0-5000	1000	100	<b>GLSC455</b>	<b>62.10</b>

2½" face  
¼" lower mount

PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>GLS400</b>	<b>\$45.50</b>
0-30	5	.5	<b>GLS405</b>	<b>45.50</b>
0-60	10	1	<b>GLS410</b>	<b>45.50</b>
0-100	20	2	<b>GLS415</b>	<b>45.50</b>
0-160	20	2	<b>GLS417</b>	<b>45.50</b>
0-200	50	5	<b>GLS420</b>	<b>45.50</b>
0-300	50	5	<b>GLS425</b>	<b>45.50</b>
0-400	100	10	<b>GLS427</b>	<b>45.50</b>
0-600	100	10	<b>GLS430</b>	<b>45.50</b>
0-1000	200	20	<b>GLS435</b>	<b>45.50</b>
0-1500	300	20	<b>GLS440</b>	<b>50.90</b>
0-2000	500	50	<b>GLS445</b>	<b>50.90</b>
0-3000	500	50	<b>GLS450</b>	<b>50.90</b>
0-5000	1000	100	<b>GLS455</b>	<b>50.90</b>

## Liquid Filled ABS Case Gauges

**Feature:**

- ASME B40.100, Grade B (± 3-2-3% accuracy)

2½" face  
¼" lower mount



PSI Range	Fig. Inter.	Minor Grad.	Part #	Price/E
0-15	3	.2	<b>GLP500</b>	<b>\$35.25</b>
0-30	5	.5	<b>GLP505</b>	<b>35.25</b>
0-60	10	1	<b>GLP510</b>	<b>35.25</b>
0-100	20	2	<b>GLP515</b>	<b>35.25</b>
0-160	20	2	<b>GLP517</b>	<b>35.25</b>
0-200	50	5	<b>GLP520</b>	<b>35.25</b>
0-300	50	5	<b>GLP525</b>	<b>35.25</b>
0-400	100	10	<b>GLP527</b>	<b>35.25</b>
0-600	100	10	<b>GLP530</b>	<b>35.25</b>
0-1000	200	20	<b>GLP535</b>	<b>40.10</b>
0-1500	300	20	<b>GLP540</b>	<b>40.10</b>
0-2000	500	50	<b>GLP545</b>	<b>40.10</b>
0-3000	500	50	<b>GLP550</b>	<b>40.10</b>
0-5000	1000	100	<b>GLP555</b>	<b>40.10</b>

## Compound Gauges

### Features:

- ASME B40.1, Grade B accuracy ( $\pm 3-2-3$  % accuracy)
- ABS plastic case, corrosion resistant
- bronze bourdon tube / brass socket
- polycarbonate window
- black aluminum pointer
- Powerflex movement with polyester segment, designed for extended wear
- temperature range of **-40°F to 150°F**

#### 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	<b>GC210</b>	<b>\$29.25</b>

#### 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	<b>GL310</b>	<b>\$20.40</b>
30"	0-160	30 / 20	10 / 10	<b>GL110</b>	<b>20.40</b>
30"	0-200	30 / 20	10 / 10	<b>GL315</b>	<b>20.40</b>



GL310

F

## 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
- Powerflex movement with polyester segment, designed for extended wear
- temperature range: **-40°F to 150°F**

#### 2" face - ¼" lower mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	<b>GL105</b>	<b>\$19.20</b>

#### 2" face - ¼" center back mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	<b>GC205</b>	<b>\$22.20</b>

#### 2½" face - ¼" lower mount

Mercury (Hg)	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
30"	5"	.5"	<b>GL305</b>	<b>\$20.40</b>



GL105

## Welding Gauges

### Features:

- $\pm 3-2-3$ % accuracy according to ASME B40.100 Grade B
- polished drawn stainless steel case
- twist-lock polycarbonate window
- copper alloy bourdon tube
- "USE NO OIL" written in red on face
- ambient temperature range: **-40°F to 140°F**

#### 2½" face - ¼" lower mount

PSI Range	Fig. Inter. (Hg / PSI)	Min.Grad. (Hg / PSI)	Part #	Price/E
0-30	5	.5	<b>GBRW30</b>	<b>\$62.00</b>
0-30	5	.5	<b>GBRW30R<sup>1</sup></b>	<b>62.00</b>
0-60	10	1	<b>GBRW60</b>	<b>62.00</b>
0-100	20	2	<b>GBRW100</b>	<b>62.00</b>
0-200	50	5	<b>GBRW200</b>	<b>62.00</b>
0-400	100	10	<b>GBRW400</b>	<b>62.00</b>
0-600	100	10	<b>GBRW600</b>	<b>62.00</b>
0-4000	500	100	<b>GBRW4000</b>	<b>65.00</b>

<sup>1</sup> red band between 15 to 30 PSI on GBRW30R



GBRW4000

## 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:

- 0.5% terminal point accuracy
- five-digit LCD display with large size .48" characters
- bar graph display (20 segment)
- 9 engineering units (accessed through keypad): PSI, in. HG, cm Hg, mm Hg, KPA, Mpa, BAR, KG/cm2, ft H2O
- IP67 weatherproof enclosure, polycarbonate / ABS
- two AA alkaline batteries included
- 2000 hour minimum battery life
- wetted parts: 17-4 PH stainless steel sensor with 316L stainless steel socket
- operating temperature: **-4°F to 140°F** (-20°C to 60°C)
- polycarbonate window
- other pressure and compound ranges available



**2½" face**  
**¼" lower mount**

PSI Range	Part #	Price/E
0-100	<b>DG100</b>	<b>\$877.00</b>
0-200	<b>DG200</b>	<b>877.00</b>
0-300	<b>DG300</b>	<b>877.00</b>
0-1000	<b>DG1000</b>	<b>877.00</b>
0-10,000	<b>DG10000</b>	<b>877.00</b>

F

## 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, ¼" (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 ½" male NPT

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### Model 30 Back Connected 3" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	<b>30025064</b>	<b>\$60.15</b>
2½"	50-500°F/10-260°C	<b>30025104</b>	<b>60.15</b>
4"	0-250°F/-20-120°C	<b>30040064</b>	<b>60.15</b>
4"	50-500°F/10-260°C	<b>30040104</b>	<b>60.15</b>
6"	0-250°F/-20-120°C	<b>30060064</b>	<b>60.15</b>
6"	50-500°F/10-260°C	<b>30060104</b>	<b>60.15</b>
9"	0-250°F/-20-120°C	<b>30090064</b>	<b>60.15</b>
9"	50-500°F/10-260°C	<b>30090104</b>	<b>60.15</b>



### Model 31 Bottom Connected 90° Angle 3" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	<b>31025064</b>	<b>\$119.70</b>
4"	50-500°F/10-260°C	<b>31040104</b>	<b>119.70</b>



### Model 50 Back Connected 5" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	50-500°F/10-260°C	<b>50025104</b>	<b>\$133.45</b>
4"	0-250°F/-20-120°C	<b>50040064</b>	<b>133.45</b>



### Model 52 Adjustable Angle 5" Face

Stem Length	Temperature Range	Part #	Price/E
2½"	0-250°F/-20-120°C	<b>52025064</b>	<b>\$181.05</b>
4"	0-250°F/-20-120°C	<b>52040064</b>	<b>193.35</b>
4"	50-500°F/10-260°C	<b>52040104</b>	<b>193.35</b>



## 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- $\frac{3}{8}$ " (54mm)
- accuracy: 1%
- polyethylene carrying case with clip



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Temperature Range	Part #	Price/E
0-220°F	<b>PT220</b>	<b>\$21.80</b>
50-550°F	<b>PT550</b>	<b>21.80</b>

## Magnetic Surface Mount Thermometers

### Features:

- case: steel, 2" x  $\frac{1}{2}$ "
- dial: polished aluminum
- bi-metal element: responsive actuation by bi-metal helix
- accuracy:  $\pm 2\%$



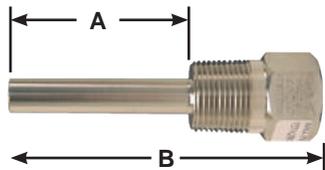
### 2" Face

Temperature Range	Part #	Price/E
0-250°F	<b>MT250</b>	<b>\$42.40</b>
0-500°F	<b>MT500</b>	<b>42.40</b>

## 316 Stainless Steel Threaded Thermowells

### Features:

- $\frac{3}{4}$ " male NPT process connection



'A' dimension	'B' dimension	Part #	Price/E
1 $\frac{5}{8}$ "	2 $\frac{1}{2}$ "	<b>75TH2R015SS</b>	<b>\$108.60</b>
2 $\frac{1}{2}$ "	4"	<b>75TH2R025SS</b>	<b>87.50</b>
4 $\frac{1}{2}$ "	6"	<b>75TH2R045SS</b>	<b>135.50</b>
7 $\frac{1}{2}$ "	9"	<b>75TH2R075SS</b>	<b>160.00</b>

## 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
$\frac{1}{4}$ "	<b>401-01</b>	<b>\$33.25</b>

### Features:

- steel pipe
- $\frac{1}{4}$ " NPT schedule 40 steel, welded
- pressure rating: **175 PSI at 340°F**



Male IPS	Steel	
	Part #	Price/E
$\frac{1}{4}$ "	<b>401-01S</b>	<b>\$14.25</b>

## 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 Dixon™ 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

Size	Opt Qty	Unplated Steel		Plated Steel		Brass		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
½"	50	<b>ST1</b>	<b>\$4.60</b>	<b>STC1</b>	<b>\$4.95</b>	<b>BST1</b>	<b>\$21.20</b>	<b>AST1</b>	<b>\$20.40</b>
¾"	50	<b>ST5</b>	<b>5.35</b>	<b>STC5</b>	<b>5.45</b>	<b>BST5</b>	<b>31.70</b>	<b>AST5</b>	<b>15.60</b>
1"	50	<b>ST10</b>	<b>6.95</b>	<b>STC10</b>	<b>7.30</b>	<b>BST10</b>	<b>32.25</b>	<b>AST10</b>	<b>18.60</b>
1¼"	50	<b>ST15</b>	<b>9.35</b>	<b>STC15</b>	<b>10.05</b>	---	---	---	---
1½"	50	<b>ST20</b>	<b>9.65</b>	<b>STC20</b>	<b>10.30</b>	---	---	---	---
2"	25	<b>ST25</b>	<b>11.95</b>	<b>STC25</b>	<b>12.60</b>	---	---	---	---



knurled wrench grip

G

## NPT threaded end no knurl

Size	Opt Qty	Unplated Steel		Plated Steel		Brass		Aluminum	
		Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1¼"	50	---	---	---	---	<b>BST15</b>	<b>\$35.40</b>	<b>AST15</b>	<b>\$17.60</b>
1½"	50	---	---	---	---	<b>BST20</b>	<b>44.75</b>	<b>AST20</b>	<b>17.70</b>
2"	25	---	---	---	---	<b>BST25</b>	<b>66.70</b>	<b>AST25</b>	<b>19.95</b>
2½"	10	<b>ST30</b>	<b>\$19.75</b>	<b>STC30</b>	<b>\$22.35</b>	<b>BST30</b>	<b>106.60</b>	<b>AST30</b>	<b>59.00</b>
3"	10	<b>ST35</b>	<b>23.55</b>	<b>STC35</b>	<b>27.75</b>	<b>BST35</b>	<b>148.60</b>	<b>AST35</b>	<b>47.00</b>
4"	4	<b>ST40</b>	<b>36.40</b>	<b>STC40</b>	<b>40.80</b>	<b>BST40</b>	<b>283.90</b>	<b>AST40</b>	<b>72.60</b>
5"	4	<b>ST50</b>	<b>84.10</b>	<b>STC50</b>	<b>89.25</b>	---	---	<b>AST50</b>	<b>164.85</b>
6"	2	<b>ST60</b>	<b>93.10</b>	<b>STC60</b>	<b>105.00</b>	---	---	<b>AST60</b>	<b>178.50</b>
8"	2	<b>ST80</b>	<b>165.00</b>	<b>STC80</b>	<b>202.80</b>	---	---	---	---
10"	1	<b>ST100</b>	<b>267.50</b>	<b>STC100</b>	<b>337.50</b>	---	---	---	---
12"	1	<b>ST120</b>	<b>420.00</b>	<b>STC120</b>	<b>480.00</b>	---	---	---	---



no knurl brass

Size	Opt Qty	316 Stainless Steel		Hastelloy®	
		Part #	Price/E	Part #	Price/E
½"	50	<b>RST1</b> <sup>1</sup>	<b>\$21.10</b>	---	---
¾"	50	<b>RST5</b> <sup>1</sup>	<b>21.15</b>	---	---
1"	50	<b>RST10</b>	<b>21.25</b>	---	---
1¼"	50	<b>RST15</b>	<b>27.10</b>	---	---
1½"	50	<b>RST20</b>	<b>33.25</b>	---	---
2"	25	<b>RST25</b>	<b>45.00</b>	<b>HST25</b>	<b>\$780.00</b>
2½"	10	<b>RST30</b>	<b>82.75</b>	---	---
3"	10	<b>RST35</b>	<b>117.40</b>	<b>HST35</b>	<b>1450.00</b>
4"	4	<b>RST40</b>	<b>184.20</b>	---	---
5"	4	<b>RST50</b>	<b>405.00</b>	---	---
6"	4	<b>RST60</b>	<b>508.20</b>	---	---
8"	2	<b>RST80</b>	<b>975.00</b>	---	---



no knurl stainless

<sup>1</sup> 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 744-750 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"	<b>STV10</b>	<b>\$9.80</b>	50	---	---	---
1¼"	<b>STV15</b>	<b>13.40</b>	50	---	---	---
1½"	<b>STV20</b>	<b>13.00</b>	50	<b>RSTV20</b>	<b>\$46.65</b>	50
2"	<b>STV25</b>	<b>12.65</b>	25	<b>RSTV25</b>	<b>50.50</b>	25
2½"	<b>STV30</b>	<b>22.90</b>	10	---	---	---
3"	<b>STV35</b>	<b>25.80</b>	10	<b>RSTV35</b>	<b>144.20</b>	10
4"	<b>STV40</b>	<b>36.10</b>	4	<b>RSTV40</b>	<b>193.65</b>	5
5"	<b>STV50</b>	<b>82.85</b>	4	---	---	---
6"	<b>STV60</b>	<b>102.00</b>	4	---	---	---
8"	<b>STV80</b>	<b>179.25</b>	2	---	---	---
10"	<b>STV100</b>	<b>317.20</b>	1	---	---	---
12"	<b>STV120</b>	<b>455.40</b>	1	---	---	---

## Beveled end



Size	Unplated Steel			316 Stainless Steel			Aluminum	
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty	Part #	Price/E
½"	<b>STB1</b>	<b>\$6.45</b>	50	---	---	---	---	---
¾"	<b>STB5</b>	<b>8.25</b>	50	<b>RSTB5</b>	<b>\$27.50</b>	50	---	---
1"	<b>STB10</b>	<b>9.40</b>	50	<b>RSTB10</b>	<b>24.60</b>	50	<b>ASTB10</b>	<b>\$18.90</b>
1¼"	<b>STB15</b>	<b>11.25</b>	50	<b>RSTB15</b>	<b>38.55</b>	50	<b>ASTB15</b>	<b>22.60</b>
1½"	<b>STB20</b>	<b>11.10</b>	50	<b>RSTB20</b>	<b>33.85</b>	50	<b>ASTB20</b>	<b>25.20</b>
2"	<b>STB25</b>	<b>12.65</b>	25	<b>RSTB25</b>	<b>52.90</b>	25	<b>ASTB25</b>	<b>34.50</b>
2½"	<b>STB30</b>	<b>21.20</b>	10	<b>RSTB30</b>	<b>96.30</b>	10	<b>ASTB30</b>	<b>POR</b>
3"	<b>STB35</b>	<b>26.05</b>	10	<b>RSTB35</b>	<b>108.85</b>	10	<b>ASTB35</b>	<b>72.50</b>
4"	<b>STB40</b>	<b>37.90</b>	4	<b>RSTB40</b>	<b>181.30</b>	4	<b>ASTB40</b>	<b>83.20</b>
5"	<b>STB50</b>	<b>89.25</b>	4	---	---	---	<b>ASTB50</b>	<b>260.00</b>
6"	<b>STB60</b>	<b>95.60</b>	2	<b>RSTB60</b>	<b>492.50</b>	---	<b>ASTB60</b>	<b>245.00</b>
8"	<b>STB80</b>	<b>177.60</b>	2	<b>RSTB80</b>	<b>980.00</b>	---	<b>ASTB80</b>	<b>POR</b>
10"	<b>STB100</b>	<b>308.30</b>	1	---	---	---	<b>ASTB100</b>	<b>POR</b>
12"	<b>STB120</b>	<b>435.00</b>	1	---	---	---	---	---

## BSPT Threaded end



Size	Plated Steel			316 Stainless Steel		
	Part #	Price/E	Opt Qty	Part #	Price/E	Opt Qty
1"	<b>STC10A</b>	<b>\$7.50</b>	50	<b>RST10A</b>	<b>\$22.60</b>	50
1¼"	<b>STC15A</b>	<b>10.70</b>	50	<b>RST15A</b>	<b>27.80</b>	50
1½"	<b>STC20A</b>	<b>11.10</b>	50	<b>RST20A</b>	<b>35.55</b>	50
2"	<b>STC25A</b>	<b>13.80</b>	50	<b>RST25A</b>	<b>45.00</b>	25
2½"	<b>STC30A</b>	<b>24.00</b>	10	<b>RST30A</b>	<b>82.00</b>	10
3"	<b>STC35A</b>	<b>27.40</b>	10	<b>RST35A</b>	<b>118.00</b>	10
4"	<b>STC40A</b>	<b>39.75</b>	4	<b>RST40A</b>	<b>183.00</b>	4
6"	<b>STC60A</b>	<b>109.85</b>	2	<b>RST60A</b>	<b>505.00</b>	2

## NPT end with knurled wrench grip - for plastic pipe



Size	Plated Steel		
	Part #	Price/E	Opt Qty
½"	<b>SAP1</b>	<b>\$9.00</b>	50
¾"	<b>SAP6</b>	<b>14.65</b>	50
1"	<b>SAP11</b>	<b>13.35</b>	50
1¼"	<b>SAP16</b>	<b>15.30</b>	50
1½"	<b>SAP21</b>	<b>16.00</b>	50
2"	<b>SAP26</b>	<b>16.90</b>	25

## Jump Size King™ Combination Nipples

hose shank x NPT threaded end

Hose Shank	Male NPT	Plated Steel		316Stainless Steel	
		Part #	Price/E	Part #	Price/E
3/4"	1/2"	---	---	<b>RST0501</b>	<b>\$34.00</b>
3/4"	1"	<b>STC0510</b>	<b>\$11.80</b>	<b>RST0510</b>	<b>44.85</b>
1"	3/4"	<b>STC1005</b>	<b>8.40</b>	<b>RST1005</b>	<b>32.10</b>
1"	1 1/4"	<b>STC1015</b>	<b>16.80</b>	<b>RST1015</b>	<b>57.75</b>
1 1/4"	1"	<b>STC1510</b>	<b>11.00</b>	<b>RST1510</b>	<b>72.00</b>
1 1/4"	1 1/2"	<b>STC1520</b>	<b>14.35</b>	<b>RST1520</b>	<b>78.00</b>
1 1/2"	1 1/4"	<b>STC2015</b>	<b>12.00</b>	<b>RST2015</b>	<b>83.20</b>
1 1/2"	2"	<b>STC2025</b>	<b>17.80</b>	<b>RST2025</b>	<b>97.10</b>
1 3/4"	2"	<b>STC175200</b>	<b>24.30</b>	---	---
2"	1 1/2"	<b>STC2520</b>	<b>22.70</b>	<b>RST2520</b>	<b>96.15</b>
2"	2 1/2"	<b>STC2530</b>	<b>36.90</b>	---	---
2"	3"	<b>STC2535</b>	<b>54.90</b>	<b>RST2535</b>	<b>122.60</b>
2 1/2"	2"	<b>STC3025</b>	<b>32.95</b>	---	---
2 1/2"	3"	<b>STC3035</b>	<b>39.60</b>	---	---
3"	2"	<b>STC3525</b>	<b>64.70</b>	<b>RST3525</b>	<b>143.85</b>
3"	2 1/2"	<b>STC3530</b>	<b>44.40</b>	---	---
3"	4"	<b>STC3540</b>	<b>79.45</b>	---	---
4"	3"	<b>STC4035</b>	<b>88.20</b>	---	---



reducer



increaser

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## Flanged King™ Combination Nipples

150# ASA flange x hose shank

Size	Standard		Steel		316 Stainless Steel		Standard		Designed for crimp-style sleeves or ferrules	
	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E	Part #	Price/E
1 1/2"	<b>FST20</b>	<b>\$96.25</b>	<b>FST20CS</b>	<b>\$98.00</b>	<b>RFST20</b>	<b>\$250.00</b>	<b>RFST20CS</b>	<b>\$280.00</b>		
2"	<b>FST25</b>	<b>95.05</b>	<b>FST25CS</b>	<b>101.00</b>	<b>RFST25</b>	<b>296.40</b>	<b>RFST25CS</b>	<b>310.00</b>		
3"	<b>FST35</b>	<b>133.75</b>	<b>FST35CS</b>	<b>150.25</b>	<b>RFST35</b>	<b>431.00</b>	<b>RFST35CS</b>	<b>480.00</b>		
4"	<b>FST40</b>	<b>169.50</b>	<b>FST40CS</b>	<b>182.20</b>	<b>RFST40</b>	<b>573.00</b>	<b>RFST40CS</b>	<b>668.10</b>		
6"	<b>FST60</b>	<b>302.25</b>	<b>FST60CS</b>	<b>316.00</b>	<b>RFST60</b>	<b>967.50</b>	<b>RFST60CS</b>	<b>1165.00</b>		
8"	<b>FST80</b>	<b>530.00</b>	---	---	<b>RFST80</b>	<b>1660.00</b>	---	---		
10"	<b>FST100</b>	<b>787.95</b>	---	---	<b>RFST100</b>	<b>3502.00</b>	---	---		
12"	<b>FST120</b>	<b>1210.25</b>	---	---	<b>RFST120</b>	<b>4630.00</b>	---	---		



## Global King™ Combination Nipples

**⚠ WARNING**

### Applications:

- Combination nipples are recommended for low-pressure discharge and suction service for compatible liquids. **Sizes 1 1/4" 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 Dixon™ 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 1 1/2 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 hose shank x NPT threaded end

Size	Box Qty	Plated Steel	
		Part #	Price/E
1/2"	100	<b>GSTC1</b>	<b>\$2.40</b>
3/4"	100	<b>GSTC5</b>	<b>2.65</b>
1"	50	<b>GSTC10</b>	<b>3.75</b>
1 1/4"	50	<b>GSTC15</b>	<b>4.90</b>
1 1/2"	50	<b>GSTC20</b>	<b>5.75</b>
2"	25	<b>GSTC25</b>	<b>6.85</b>
2 1/2"	10	<b>GSTC30</b>	<b>12.15</b>
3"	10	<b>GSTC35</b>	<b>13.40</b>
4"	4	<b>GSTC40</b>	<b>21.05</b>
5"	4	<b>GSTC50</b>	<b>54.50</b>
6"	4	<b>GSTC60</b>	<b>60.90</b>



## Short Crimp Sleeves

## Features:

- for use with King™ Combination Nipples only
- a reliable alternative to 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			
3/4"	1-5/64"	1-8/64"	<b>CSS075-3CS</b>	<b>\$4.90</b>	1.1875"	.059"	1.25"
	1-5/64"	1-8/64"	<b>CS075-3CS</b>	<b>4.90</b>	1.1875"	.059"	2.138
	1-9/64"	1-12/64"	<b>CSS075-4CS</b>	<b>4.90</b>	1.250"	.059"	1.25"
	1-9/64"	1-12/64"	<b>CS075-4CS</b>	<b>4.90</b>	1.250"	.059"	2.138
	1-17/64"	1-20/64"	<b>CSS075-6CS</b>	<b>4.90</b>	1.375"	.059"	1.25"
	1-17/64"	1-20/64"	<b>CS075-6CS</b>	<b>4.90</b>	1.375"	.059"	2.138
1"	1-21/64"	1-24/64"	<b>CSS100-3CS</b>	<b>4.70</b>	1.438"	.062"	1 1/2"
	1-25/64"	1-28/64"	<b>CSS100-4CS</b>	<b>4.70</b>	1.500"	.062"	1 1/2"
	1-29/64"	1-32/64"	<b>CSS100-5CS</b>	<b>4.70</b>	1.563"	.062"	1 1/2"
	1-33/64"	1-36/64"	<b>CSS100-6CS</b>	<b>4.70</b>	1.625"	.062"	1 1/2"
	1-37/64"	1-40/64"	<b>CSS100-7CS</b>	<b>4.70</b>	1.688"	.062"	1 1/2"
	1-41/64"	1-44/64"	<b>CSS100-8CS</b>	<b>4.70</b>	1.750"	.062"	1 1/2"
1 1/2"	1-41/64"	1-44/64"	<b>CSS150-1CS</b>	<b>4.85</b>	1.750"	.062"	1 3/4"
	1-45/64"	1-48/64"	<b>CSS150-2CS</b>	<b>4.85</b>	1.813"	.062"	1 3/4"
	1-49/64"	1-52/64"	<b>CSS150-3CS</b>	<b>4.85</b>	1.875"	.062"	1 3/4"
	1-53/64"	1-56/64"	<b>CSS150-4CS</b>	<b>4.85</b>	1.938"	.062"	1 3/4"
	1-57/64"	1-60/64"	<b>CSS150-5CS</b>	<b>4.85</b>	2.000"	.062"	1 3/4"
	1-61/64"	2"	<b>CSS150-6CS</b>	<b>4.85</b>	2.063"	.062"	1 3/4"
	2-1/64"	2-4/64"	<b>CSS150-7CS</b>	<b>4.85</b>	2.125"	.062"	1 3/4"
	2-5/64"	2-8/64"	<b>CSS150-8CS</b>	<b>4.85</b>	2.188"	.062"	1 3/4"
	2-9/64"	2-12/64"	<b>CSS150-9CS</b>	<b>4.85</b>	2.250"	.062"	1 3/4"
2"	2-21/64"	2-24/64"	<b>CSS200-3CS</b>	<b>5.70</b>	2.438"	.062"	2"
	2-25/64"	2-28/64"	<b>CSS200-4CS</b>	<b>5.70</b>	2.500"	.062"	2"
	2-29/64"	2-32/64"	<b>CSS200-5CS</b>	<b>5.70</b>	2.563"	.062"	2"
	2-33/64"	2-36/64"	<b>CSS200-6CS</b>	<b>5.70</b>	2.625"	.062"	2"
	2-37/64"	2-40/64"	<b>CSS200-7CS</b>	<b>5.70</b>	2.688"	.062"	2"
	2-41/64"	2-44/64"	<b>CSS200-8CS</b>	<b>5.70</b>	2.750"	.062"	2"
	2-45/64"	2-48/64"	<b>CSS200-9CS</b>	<b>5.70</b>	2.813"	.062"	2"
	2-49/64"	2-52/64"	<b>CSS200-10CS</b>	<b>5.70</b>	2.875"	.062"	2"
	2-53/64"	2-56/64"	<b>CSS200-11CS</b>	<b>5.70</b>	2.938"	.062"	2"
	2-57/64"	2-60/64"	<b>CSS200-12CS</b>	<b>5.70</b>	3.000"	.062"	2"
3"	3-13/64"	3-16/64"	<b>CSS300-1CS</b>	<b>10.05</b>	3.313"	.090"	2 5/8"
	3-17/64"	3-20/64"	<b>CSS300-2CS</b>	<b>10.05</b>	3.375"	.090"	2 5/8"
	3-21/64"	3-24/64"	<b>CSS300-3CS</b>	<b>10.05</b>	3.438"	.090"	2 5/8"
	3-25/64"	3-28/64"	<b>CSS300-4CS</b>	<b>10.05</b>	3.500"	.090"	2 5/8"
	3-29/64"	3-32/64"	<b>CSS300-5CS</b>	<b>10.05</b>	3.563"	.090"	2 5/8"
	3-33/64"	3-36/64"	<b>CSS300-6CS</b>	<b>10.05</b>	3.625"	.090"	2 5/8"
	3-37/64"	3-40/64"	<b>CSS300-7CS</b>	<b>10.05</b>	3.688"	.090"	2 5/8"
	3-41/64"	3-44/64"	<b>CSS300-8CS</b>	<b>10.05</b>	3.750"	.090"	2 5/8"
	3-45/64"	3-48/64"	<b>CSS300-9CS</b>	<b>10.05</b>	3.813"	.090"	2 5/8"
	3-49/64"	3-52/64"	<b>CSS300-10CS</b>	<b>10.05</b>	3.875"	.090"	2 5/8"
	3-53/64"	3-56/64"	<b>CSS300-11CS</b>	<b>10.05</b>	3.938"	.090"	2 5/8"
	3-57/64"	3-60/64"	<b>CSS300-12CS</b>	<b>10.05</b>	4.000"	.090"	2 5/8"
4"	4-29/64"	4-32/64"	<b>CSS400-5CS</b>	<b>13.55</b>	4.563"	.090"	3-15/32"
	4-33/64"	4-36/64"	<b>CSS400-6CS</b>	<b>13.55</b>	4.625"	.090"	3-15/32"
	4-37/64"	4-40/64"	<b>CSS400-7CS</b>	<b>13.55</b>	4.688"	.090"	3-15/32"
	4-41/64"	4-44/64"	<b>CSS400-8CS</b>	<b>13.55</b>	4.750"	.090"	3-15/32"
	4-45/64"	4-48/64"	<b>CSS400-9CS</b>	<b>13.55</b>	4.813"	.090"	3-15/32"
	4-49/64"	4-52/64"	<b>CSS400-10CS</b>	<b>13.55</b>	4.875"	.090"	3-15/32"
	4-53/64"	4-56/64"	<b>CSS400-11CS</b>	<b>13.55</b>	4.938"	.090"	3-15/32"
	4-57/64"	4-60/64"	<b>CSS400-12CS</b>	<b>13.55</b>	5.000"	.090"	3-15/32"



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## 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 73 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.

#### stems

Size	PSI	316 Stainless Steel	
		Part #	Price/E
1½"	250	<b>RST150NOS</b>	<b>\$45.40</b>
2"	250	<b>RST200NOS</b>	<b>54.00</b>
3"	250	<b>RST300NOS</b>	<b>119.60</b>
4"	1	<b>RST400NOS</b>	<b>183.35</b>

<sup>1</sup> Contact Dixon™ for pressure information



RST200NOS

#### ferrules

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	<b>GAS2334NOS</b>	<b>\$32.30</b>
1½"	2-4/64"	2-22/64"	<b>GAS2370NOS</b>	<b>34.50</b>
2"	2-30/64"	2-44/64"	<b>GAS2709NOS</b>	<b>31.50</b>
2"	2-42/64"	2-54/64"	<b>GAS2885NOS</b>	<b>64.40</b>
3"	3-30/64"	3-46/64"	<b>GAS3760NOS</b>	<b>46.35</b>
3"	3-47/64"	3-54/64"	<b>GAS3885NOS</b>	<b>63.00</b>
4"	4-40/64"	4-47/64"	<b>GAS5010NOS</b>	<b>235.00</b>



## Notched Turned Back Nipples

#### Features:

- stems are for use with lap joint flanges on page 726
- 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.
- for use with notched ferrule above

#### stems

Size	Carbon Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	<b>N150NO</b>	<b>\$31.50</b>	<b>RN150NO</b>	<b>\$80.60</b>
2"	<b>N200NO</b>	<b>35.55</b>	<b>RN200NO</b>	<b>92.70</b>
2½"	<b>N250NO</b>	<b>55.00</b>	<b>RN250NO</b>	<b>125.00</b>
3"	<b>N300NO</b>	<b>84.25</b>	<b>RN300NO</b>	<b>162.00</b>
4"	<b>N400NO</b>	<b>141.10</b>	<b>RN400NO</b>	<b>248.25</b>

#### ferrules

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	<b>GAS2334NO</b>	<b>\$34.80</b>
1½"	2-4/64"	2-22/64"	<b>GAS2370NO</b>	<b>38.35</b>
2"	2-30/64"	2-44/64"	<b>GAS2709NO</b>	<b>31.80</b>
2"	2-42/64"	2-54/64"	<b>GAS2885NO</b>	<b>69.55</b>
2½"	2-54/64"	3"	<b>GAS3012NO</b>	<b>64.50</b>
2½"	3-1/64"	3-13/64"	<b>GAS3260NO</b>	<b>68.80</b>
3"	3-30/64"	3-46/64"	<b>GAS3760NO</b>	<b>45.40</b>
3"	3-47/64"	3-54/64"	<b>GAS3885NO</b>	<b>62.10</b>
4"	4-40/64"	4-47/64"	<b>GAS5010NO</b>	<b>258.75</b>



Special pushers required:  
1½" stem - RN150NOPUSH  
2" stem - RN200NOPUSH  
2½" stem - RN250NOPUSH  
3" stem - RN300NOPUSH  
4" stem - RN400NOPUSH

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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 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"	<b>STC10CS</b>	<b>\$22.20</b>	<b>RST10CS</b>	<b>\$35.25</b>
1¼"	<b>STC15CS</b>	<b>23.20</b>	<b>RST15CS</b>	<b>49.00</b>
1½"	<b>STC20CS</b>	<b>22.70</b>	<b>RST20CS</b>	<b>51.50</b>
2"	<b>STC25CS</b>	<b>27.00</b>	<b>RST25CS</b>	<b>63.70</b>
3"	<b>STC35CS</b>	<b>51.50</b>	<b>RST35CS</b>	<b>140.00</b>
4"	<b>STC40CS</b>	<b>63.65</b>	<b>RST40CS</b>	<b>206.00</b>
6"	<b>STC60CS</b>	<b>134.85</b>	<b>RST60CS</b>	<b>745.00</b>

### Grooved End



Hose ID	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	<b>STV10CS</b>	<b>\$24.00</b>	<b>RSTV10CS</b>	<b>\$44.00</b>
1½"	<b>STV20CS</b>	<b>30.30</b>	<b>RSTV20CS</b>	<b>65.15</b>
2"	<b>STV25CS</b>	<b>36.35</b>	<b>RSTV25CS</b>	<b>80.30</b>
3"	<b>STV35CS</b>	<b>65.15</b>	<b>RSTV35CS</b>	<b>190.90</b>
4"	<b>STV40CS</b>	<b>78.80</b>	<b>RSTV40CS</b>	<b>250.75</b>
6"	<b>STV60CS</b>	<b>162.00</b>	<b>RSTV60CS</b>	<b>770.00</b>

### Beveled End



Hose ID	Schedule 80 Carbon Steel		316 Stainless Steel	
	Part #	Price	Part #	Price
1"	<b>STB10CS</b>	<b>\$23.70</b>	<b>RSTB10CS</b>	<b>\$43.00</b>
1½"	<b>STB20CS</b>	<b>23.00</b>	<b>RSTB20CS</b>	<b>53.00</b>
2"	<b>STB25CS</b>	<b>27.30</b>	<b>RSTB25CS</b>	<b>79.00</b>
3"	<b>STB35CS</b>	<b>49.50</b>	<b>RSTB35CS</b>	<b>189.00</b>
4"	<b>STB40CS</b>	<b>62.55</b>	<b>RSTB40CS</b>	<b>250.00</b>
6"	<b>STB60CS</b>	<b>134.00</b>	<b>RSTB60CS</b>	<b>740.00</b>

## King Crimp™ Style 150# ASA Fixed (welded) Flanged

Size	Steel		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
1½"	<b>FST20CS</b>	<b>\$98.00</b>	<b>RFST20CS</b>	<b>\$280.00</b>
2"	<b>FST25CS</b>	<b>101.00</b>	<b>RFST25CS</b>	<b>310.00</b>
3"	<b>FST35CS</b>	<b>150.25</b>	<b>RFST35CS</b>	<b>480.00</b>
4"	<b>FST40CS</b>	<b>182.20</b>	<b>RFST40CS</b>	<b>668.10</b>
6"	<b>FST60CS</b>	<b>316.00</b>	<b>RFST60CS</b>	<b>1165.00</b>



## King Crimp™ Style Nipples for Floating Flanges

## 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"	<b>N25CS</b>	<b>\$134.85</b>	<b>RN25CS</b>	<b>\$225.00</b>
3"	<b>N35CS</b>	<b>189.35</b>	<b>RN35CS</b>	<b>345.00</b>
4"	<b>N40CS</b>	<b>244.20</b>	<b>RN40CS</b>	<b>457.60</b>
6"	<b>N60CS</b>	<b>496.55</b>	<b>RN60CS</b>	<b>1115.00</b>



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## TTMA Flange x King Crimp™ Style King™ Combination Nipples

## Feature:

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

Size	Flange Thickness	Carbon Steel		Aluminum	
		Part #	Price/E	Part #	Price/E
3"	1/4"	<b>TTFST35CS</b>	<b>\$183.00</b>	---	---
3"	3/8"	<b>TTFST35CS-THK</b>	<b>190.90</b>	---	---
4"	5/16"	<b>TTFST40CS</b>	<b>222.50</b>	<b>ATTFST40CS</b>	<b>\$207.55</b>
4"	3/8"	<b>TTFST40CS-THK</b>	<b>227.25</b>	---	---



TTFST40CS



ATTFST40CS



## 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 <sup>1</sup>	KC nipple <sup>2</sup>			
1"	1-13/64"	1-16/64"	<b>CS100-1CS</b>	\$4.70	<b>CS100-1SS</b>	\$7.15	---	---	*	*	1.313"	.062"	2½"
	1-17/64"	1-20/64"	<b>CS100-2CS</b>	4.70	<b>CS100-2SS</b>	7.15	<b>CS100-2AL</b>	\$7.60	*	*	1.375"	.062"	2½"
	1-21/64"	1-24/64"	<b>CS100-3CS</b>	4.70	<b>CS100-3SS</b>	7.15	---	---	*	*	1.438"	.062"	2½"
	1-25/64"	1-28/64"	<b>CS100-4CS</b>	4.70	<b>CS100-4SS</b>	7.15	<b>CS100-4AL</b>	7.60	*	*	1.500"	.062"	2½"
	1-29/64"	1-32/64"	<b>CS100-5CS</b>	4.70	<b>CS100-5SS</b>	7.15	---	---	*	*	1.563"	.062"	2½"
	1-33/64"	1-36/64"	<b>CS100-6CS</b>	4.70	<b>CS100-6SS</b>	7.15	<b>CS100-6AL</b>	7.60	*	*	1.625"	.062"	2½"
	1-37/64"	1-40/64"	<b>CS100-7CS</b>	4.70	<b>CS100-7SS</b>	7.15	---	---	*	*	1.688"	.062"	2½"
	1-41/64"	1-44/64"	<b>CS100-8CS</b>	4.70	<b>CS100-8SS</b>	7.15	---	---	*	*	1.750"	.062"	2½"
	1-45/64"	1-48/64"	<b>CS100-9CS</b>	4.70	<b>CS100-9SS</b>	7.15	---	---	*	*	1.813"	.062"	2½"
	1-49/64"	1-52/64"	<b>CS100-10CS</b>	4.70	<b>CS100-10SS</b>	7.15	---	---	*	*	1.875"	.062"	2½"
1¼"	1-41/64"	1-44/64"	<b>CS125-3CS</b>	4.80	<b>CS125-3SS</b>	8.60	---	---	250	300	1.750"	.060"	2-5/8"
	1-45/64"	1-48/64"	<b>CS125-4CS</b>	4.80	<b>CS125-4SS</b>	8.60	---	---	250	300	1.813"	.060"	2-5/8"
	1-49/64"	1-52/64"	<b>CS125-5CS</b>	4.80	<b>CS125-5SS</b>	8.60	---	---	250	300	1.875"	.060"	2-5/8"
	1-53/64"	1-56/64"	<b>CS125-6CS</b>	4.80	<b>CS125-6SS</b>	8.60	---	---	250	300	1.938"	.060"	2-5/8"
1½"	1-41/64"	1-44/64"	<b>CS150-1CS</b>	4.85	<b>CS150-1SS</b>	8.50	---	---	250	300	1.750"	.062"	2½"
	1-45/64"	1-48/64"	<b>CS150-2CS</b>	4.85	<b>CS150-2SS</b>	8.50	---	---	250	300	1.813"	.062"	2½"
	1-49/64"	1-52/64"	<b>CS150-3CS</b>	4.85	<b>CS150-3SS</b>	8.50	<b>CS150-3AL</b>	10.00	250	300	1.875"	.062"	2½"
	1-53/64"	1-56/64"	<b>CS150-4CS</b>	4.85	<b>CS150-4SS</b>	8.50	---	---	250	300	1.938"	.062"	2½"
	1-57/64"	1-60/64"	<b>CS150-5CS</b>	4.85	<b>CS150-5SS</b>	8.50	---	---	250	300	2.000"	.062"	2½"
	1-61/64"	2"	<b>CS150-6CS</b>	4.85	<b>CS150-6SS</b>	8.50	---	---	250	300	2.063"	.062"	2½"
	2-1/64"	2-4/64"	<b>CS150-7CS</b>	4.85	<b>CS150-7SS</b>	8.50	<b>CS150-7AL</b>	10.00	250	300	2.125"	.062"	2½"
	2-5/64"	2-8/64"	<b>CS150-8CS</b>	4.85	<b>CS150-8SS</b>	8.50	---	---	250	300	2.188"	.062"	2½"
	2-9/64"	2-12/64"	<b>CS150-9CS</b>	4.85	<b>CS150-9SS</b>	8.50	---	---	250	300	2.250"	.062"	2½"
	2-13/64"	2-16/64"	<b>CS150-10CS</b>	4.85	<b>CS150-10SS</b>	8.50	---	---	250	300	2.313"	.062"	2½"
	2-17/64"	2-20/64"	<b>CS150-11CS</b>	4.85	<b>CS150-11SS</b>	8.50	---	---	250	300	2.375"	.062"	2½"
	2-21/64"	2-24/64"	<b>CS150-12CS</b>	4.85	<b>CS150-12SS</b>	8.50	---	---	250	300	2.438"	.062"	2½"
2"	2-13/64"	2-16/64"	<b>CS200-1CS</b>	5.70	<b>CS200-1SS</b>	11.75	---	---	250	250	2.313"	.062"	2-7/8"
	2-17/64"	2-20/64"	<b>CS200-2CS</b>	5.70	<b>CS200-2SS</b>	11.75	---	---	250	250	2.375"	.062"	2-7/8"
	2-21/64"	2-24/64"	<b>CS200-3CS</b>	5.70	<b>CS200-3SS</b>	11.75	---	---	250	250	2.438"	.062"	2-7/8"
	2-25/64"	2-28/64"	<b>CS200-4CS</b>	5.70	<b>CS200-4SS</b>	11.75	<b>CS200-4AL</b>	12.70	250	250	2.500"	.062"	2-7/8"
	2-29/64"	2-32/64"	<b>CS200-5CS</b>	5.70	<b>CS200-5SS</b>	11.75	---	---	250	250	2.563"	.062"	2-7/8"
	2-33/64"	2-36/64"	<b>CS200-6CS</b>	5.70	<b>CS200-6SS</b>	11.75	---	---	250	250	2.625"	.062"	2-7/8"
	2-37/64"	2-40/64"	<b>CS200-7CS</b>	5.70	<b>CS200-7SS</b>	11.75	---	---	250	250	2.688"	.062"	2-7/8"
	2-41/64"	2-44/64"	<b>CS200-8CS</b>	5.70	<b>CS200-8SS</b>	11.75	---	---	250	250	2.750"	.062"	2-7/8"
	2-45/64"	2-48/64"	<b>CS200-9CS</b>	5.70	<b>CS200-9SS</b>	11.75	---	---	250	250	2.813"	.062"	2-7/8"
	2-49/64"	2-52/64"	<b>CS200-10CS</b>	5.70	<b>CS200-10SS</b>	11.75	<b>CS200-10AL</b>	12.70	250	250	2.875"	.062"	2-7/8"
	2-53/64"	2-56/64"	<b>CS200-11CS</b>	5.70	<b>CS200-11SS</b>	11.75	---	---	250	250	2.938"	.062"	2-7/8"
	2-57/64"	2-60/64"	<b>CS200-12CS</b>	5.70	<b>CS200-12SS</b>	11.75	---	---	250	250	3.000"	.062"	2-7/8"

\* consult Dixon™ for pressure rating

<sup>1</sup> based on using crimp cam and groove shanks

<sup>2</sup> 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 <sup>1</sup>	KC nipple <sup>2</sup>			
3"	3-13/64"	3-16/64"	<b>CS300-1CS</b>	<b>\$10.05</b>	<b>CS300-1SS</b>	<b>\$17.05</b>	125	200	3.313"	.090"	3¾"
	3-17/64"	3-20/64"	<b>CS300-2CS</b>	<b>10.05</b>	<b>CS300-2SS</b>	<b>17.05</b>	125	200	3.375"	.090"	3¾"
	3-21/64"	3-24/64"	<b>CS300-3CS</b>	<b>10.05</b>	<b>CS300-3SS</b>	<b>17.05</b>	125	200	3.438"	.090"	3¾"
	3-25/64"	3-28/64"	<b>CS300-4CS</b>	<b>10.05</b>	<b>CS300-4SS</b>	<b>17.05</b>	125	200	3.500"	.090"	3¾"
	3-29/64"	3-32/64"	<b>CS300-5CS</b>	<b>10.05</b>	<b>CS300-5SS</b>	<b>17.05</b>	125	200	3.563"	.090"	3¾"
	3-33/64"	3-36/64"	<b>CS300-6CS</b>	<b>10.05</b>	<b>CS300-6SS</b>	<b>17.05</b>	125	200	3.625"	.090"	3¾"
	3-37/64"	3-40/64"	<b>CS300-7CS</b>	<b>10.05</b>	<b>CS300-7SS</b>	<b>17.05</b>	125	200	3.688"	.090"	3¾"
	3-41/64"	3-44/64"	<b>CS300-8CS</b>	<b>10.05</b>	<b>CS300-8SS</b>	<b>17.05</b>	125	200	3.750"	.090"	3¾"
	3-45/64"	3-48/64"	<b>CS300-9CS</b>	<b>10.05</b>	<b>CS300-9SS</b>	<b>17.05</b>	125	200	3.813"	.090"	3¾"
	3-49/64"	3-52/64"	<b>CS300-10CS</b>	<b>10.05</b>	<b>CS300-10SS</b>	<b>17.05</b>	125	200	3.875"	.090"	3¾"
	3-53/64"	3-56/64"	<b>CS300-11CS</b>	<b>10.05</b>	<b>CS300-11SS</b>	<b>17.05</b>	125	200	3.938"	.090"	3¾"
	3-57/64"	3-60/64"	<b>CS300-12CS</b>	<b>10.05</b>	<b>CS300-12SS</b>	<b>17.05</b>	125	200	4.000"	.090"	3¾"
	3-61/64"	4"	<b>CS300-13CS</b>	<b>10.05</b>	<b>CS300-13SS</b>	<b>17.05</b>	125	200	4.063"	.090"	3¾"
	4-1/64"	4-4/64"	<b>CS300-14CS</b>	<b>10.05</b>	<b>CS300-14SS</b>	<b>17.05</b>	125	200	4.125"	.090"	3¾"
	4-5/64"	4-8/64"	<b>CS300-15CS</b>	<b>10.05</b>	<b>CS300-15SS</b>	<b>17.05</b>	125	200	4.188"	.090"	3¾"
	4-9/64"	4-12/64"	<b>CS300-16CS</b>	<b>10.05</b>	<b>CS300-16SS</b>	<b>17.05</b>	125	200	4.250"	.090"	3¾"
4"	4-13/64"	4-16/64"	<b>CS400-1CS</b>	<b>13.55</b>	<b>CS400-1SS</b>	<b>28.35</b>	110	175	4.313"	.090"	3¾"
	4-17/64"	4-20/64"	<b>CS400-2CS</b>	<b>13.55</b>	<b>CS400-2SS</b>	<b>28.35</b>	110	175	4.375"	.090"	3¾"
	4-21/64"	4-24/64"	<b>CS400-3CS</b>	<b>13.55</b>	<b>CS400-3SS</b>	<b>28.35</b>	110	175	4.438"	.090"	3¾"
	4-25/64"	4-28/64"	<b>CS400-4CS</b>	<b>13.55</b>	<b>CS400-4SS</b>	<b>28.35</b>	110	175	4.500"	.090"	3¾"
	4-29/64"	4-32/64"	<b>CS400-5CS</b>	<b>13.55</b>	<b>CS400-5SS</b>	<b>28.35</b>	110	175	4.563"	.090"	3¾"
	4-33/64"	4-36/64"	<b>CS400-6CS</b>	<b>13.55</b>	<b>CS400-6SS</b>	<b>28.35</b>	110	175	4.625"	.090"	3¾"
	4-37/64"	4-40/64"	<b>CS400-7CS</b>	<b>13.55</b>	<b>CS400-7SS</b>	<b>28.35</b>	110	175	4.688"	.090"	3¾"
	4-41/64"	4-44/64"	<b>CS400-8CS</b>	<b>13.55</b>	<b>CS400-8SS</b>	<b>28.35</b>	110	175	4.750"	.090"	3¾"
	4-45/64"	4-48/64"	<b>CS400-9CS</b>	<b>13.55</b>	<b>CS400-9SS</b>	<b>28.35</b>	110	175	4.813"	.090"	3¾"
	4-49/64"	4-52/64"	<b>CS400-10CS</b>	<b>13.55</b>	<b>CS400-10SS</b>	<b>28.35</b>	110	175	4.875"	.090"	3¾"
	4-53/64"	4-56/64"	<b>CS400-11CS</b>	<b>13.55</b>	<b>CS400-11SS</b>	<b>28.35</b>	110	175	4.938"	.090"	3¾"
	4-57/64"	4-60/64"	<b>CS400-12CS</b>	<b>13.55</b>	<b>CS400-12SS</b>	<b>28.35</b>	110	175	5.000"	.090"	3¾"
	4-61/64"	5"	<b>CS400-13CS</b>	<b>13.55</b>	<b>CS400-13SS</b>	<b>28.35</b>	110	175	5.063"	.090"	3¾"
	5-1/64"	5-4/64"	<b>CS400-14CS</b>	<b>13.55</b>	<b>CS400-14SS</b>	<b>28.35</b>	110	175	5.125"	.090"	3¾"
	5-5/64"	5-8/64"	<b>CS400-15CS</b>	<b>13.55</b>	<b>CS400-15SS</b>	<b>28.35</b>	110	175	5.188"	.090"	3¾"
	5-9/64"	5-12/64"	<b>CS400-16CS</b>	<b>13.55</b>	<b>CS400-16SS</b>	<b>28.35</b>	110	175	5.250"	.090"	3¾"
6"	6-21/64"	6-28/64"	<b>CS600-1CS</b>	<b>37.90</b>	<b>CS600-1SS</b>	<b>72.75</b>	*	*	6.500"	.120"	5½"
	6-29/64"	6-36/64"	<b>CS600-2CS</b>	<b>37.90</b>	<b>CS600-2SS</b>	<b>72.75</b>	*	*	6.625"	.120"	5½"
	6-37/64"	6-44/64"	<b>CS600-3CS</b>	<b>37.90</b>	<b>CS600-3SS</b>	<b>72.75</b>	*	*	6.750"	.120"	5½"
	6-45/64"	6-52/64"	<b>CS600-4CS</b>	<b>37.90</b>	<b>CS600-4SS</b>	<b>72.75</b>	*	*	6.875"	.120"	5½"
	6-53/64"	6-60/64"	<b>CS600-5CS</b>	<b>37.90</b>	<b>CS600-5SS</b>	<b>72.75</b>	*	*	7.000"	.120"	5½"
	6-61/64"	7-4/64"	<b>CS600-6CS</b>	<b>37.90</b>	<b>CS600-6SS</b>	<b>72.75</b>	*	*	7.125"	.120"	5½"
	7-5/64"	7-12/64"	<b>CS600-7CS</b>	<b>37.90</b>	<b>CS600-7SS</b>	<b>72.75</b>	*	*	7.250"	.120"	5½"
	7-13/64"	7-20/64"	<b>CS600-8CS</b>	<b>37.90</b>	<b>CS600-8SS</b>	<b>72.75</b>	*	*	7.375"	.120"	5½"
	7-21/64"	7-28/64"	<b>CS600-9CS</b>	<b>37.90</b>	<b>CS600-9SS</b>	<b>72.75</b>	*	*	7.500"	.120"	5½"

\* consult Dixon™ for pressure rating

<sup>1</sup> based on using crimp cam and groove shanks

<sup>2</sup> 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 <sup>1</sup>	KC nipple <sup>2</sup>			
1"	1-13/64"	1-16/64"	<b>CF100-1CS</b>	<b>\$10.00</b>	<b>CF100-1SS</b>	<b>\$10.15</b>	*	*	1.313"	.062"	2-13/16"
	1-17/64"	1-20/64"	<b>CF100-2CS</b>	<b>10.00</b>	<b>CF100-2SS</b>	<b>10.15</b>	*	*	1.375"	.062"	2-13/16"
	1-21/64"	1-24/64"	<b>CF100-3CS</b>	<b>10.00</b>	<b>CF100-3SS</b>	<b>10.15</b>	*	*	1.438"	.062"	2-13/16"
	1-25/64"	1-28/64"	<b>CF100-4CS</b>	<b>10.00</b>	<b>CF100-4SS</b>	<b>10.15</b>	*	*	1.500"	.062"	2-13/16"
	1-29/64"	1-32/64"	<b>CF100-5CS</b>	<b>10.00</b>	<b>CF100-5SS</b>	<b>10.15</b>	*	*	1.563"	.062"	2-13/16"
	1-33/64"	1-36/64"	<b>CF100-6CS</b>	<b>10.00</b>	<b>CF100-6SS</b>	<b>10.15</b>	*	*	1.625"	.062"	2-13/16"
	1-37/64"	1-40/64"	<b>CF100-7CS</b>	<b>10.00</b>	<b>CF100-7SS</b>	<b>10.15</b>	*	*	1.688"	.062"	2-13/16"
	1-41/64"	1-44/64"	<b>CF100-8CS</b>	<b>10.00</b>	<b>CF100-8SS</b>	<b>10.15</b>	*	*	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	<b>CF100-9CS</b>	<b>10.00</b>	<b>CF100-9SS</b>	<b>10.15</b>	*	*	1.813"	.062"	2-13/16"
	1-49/64"	1-52/64"	<b>CF100-10CS</b>	<b>10.00</b>	<b>CF100-10SS</b>	<b>10.15</b>	*	*	1.875"	.062"	2-13/16"
1 1/4"	1 41/64"	1-44/64"	<b>CF125-3CS</b>	<b>10.25</b>	<b>CF125-3SS</b>	<b>12.00</b>	250	350	1.750"	.060"	2-13/16"
	1 45/64"	1-48/64"	<b>CF125-4CS</b>	<b>10.25</b>	<b>CF125-4SS</b>	<b>12.00</b>	250	350	1.813"	.060"	2-13/16"
	1 49/64"	1-52/64"	<b>CF125-5CS</b>	<b>10.25</b>	<b>CF125-5SS</b>	<b>12.00</b>	250	350	1.875"	.060"	2-13/16"
	1 53/64"	1-56/64"	<b>CF125-6CS</b>	<b>10.25</b>	<b>CF125-6SS</b>	<b>12.00</b>	250	350	1.938"	.060"	2-13/16"
1 1/2"	1-41/64"	1-44/64"	<b>CF150-1CS</b>	<b>11.40</b>	<b>CF150-1SS</b>	<b>15.60</b>	250	350	1.750"	.062"	2-13/16"
	1-45/64"	1-48/64"	<b>CF150-2CS</b>	<b>11.40</b>	<b>CF150-2SS</b>	<b>15.60</b>	250	350	1.813"	.062"	2-13/16"
	1-49/64"	1-52/64"	<b>CF150-3CS</b>	<b>11.40</b>	<b>CF150-3SS</b>	<b>15.60</b>	250	350	1.875"	.062"	2-13/16"
	1-53/64"	1-56/64"	<b>CF150-4CS</b>	<b>11.40</b>	<b>CF150-4SS</b>	<b>15.60</b>	250	350	1.938"	.062"	2-13/16"
	1-57/64"	1-60/64"	<b>CF150-5CS</b>	<b>11.40</b>	<b>CF150-5SS</b>	<b>15.60</b>	250	350	2.000"	.062"	2-13/16"
	1-61/64"	2"	<b>CF150-6CS</b>	<b>11.40</b>	<b>CF150-6SS</b>	<b>15.60</b>	250	350	2.063"	.062"	2-13/16"
	2-1/64"	2-4/64"	<b>CF150-7CS</b>	<b>11.40</b>	<b>CF150-7SS</b>	<b>15.60</b>	250	350	2.125"	.062"	2-13/16"
	2-5/64"	2-8/64"	<b>CF150-8CS</b>	<b>11.40</b>	<b>CF150-8SS</b>	<b>15.60</b>	250	350	2.188"	.062"	2-13/16"
	2-9/64"	2-12/64"	<b>CF150-9CS</b>	<b>11.40</b>	<b>CF150-9SS</b>	<b>15.60</b>	250	350	2.250"	.062"	2-13/16"
	2-13/64"	2-16/64"	<b>CF150-10CS</b>	<b>11.40</b>	<b>CF150-10SS</b>	<b>15.60</b>	250	350	2.313"	.062"	2-13/16"
	2-17/64"	2-20/64"	<b>CF150-11CS</b>	<b>11.40</b>	<b>CF150-11SS</b>	<b>15.60</b>	250	350	2.375"	.062"	2-13/16"
	2-21/64"	2-24/64"	<b>CF150-12CS</b>	<b>11.40</b>	<b>CF150-12SS</b>	<b>15.60</b>	250	350	2.438"	.062"	2-13/16"
2"	2-13/64"	2-16/64"	<b>CF200-1CS</b>	<b>12.95</b>	<b>CF200-1SS</b>	<b>17.65</b>	250	300	2.313"	.062"	3-1/8"
	2-17/64"	2-20/64"	<b>CF200-2CS</b>	<b>12.95</b>	<b>CF200-2SS</b>	<b>17.65</b>	250	300	2.375"	.062"	3-1/8"
	2-21/64"	2-24/64"	<b>CF200-3CS</b>	<b>12.95</b>	<b>CF200-3SS</b>	<b>17.65</b>	250	300	2.438"	.062"	3-1/8"
	2-25/64"	2-28/64"	<b>CF200-4CS</b>	<b>12.95</b>	<b>CF200-4SS</b>	<b>17.65</b>	250	300	2.500"	.062"	3-1/8"
	2-29/64"	2-32/64"	<b>CF200-5CS</b>	<b>12.95</b>	<b>CF200-5SS</b>	<b>17.65</b>	250	300	2.563"	.062"	3-1/8"
	2-33/64"	2-36/64"	<b>CF200-6CS</b>	<b>12.95</b>	<b>CF200-6SS</b>	<b>17.65</b>	250	300	2.625"	.062"	3-1/8"
	2-37/64"	2-40/64"	<b>CF200-7CS</b>	<b>12.95</b>	<b>CF200-7SS</b>	<b>17.65</b>	250	300	2.688"	.062"	3-1/8"
	2-41/64"	2-44/64"	<b>CF200-8CS</b>	<b>12.95</b>	<b>CF200-8SS</b>	<b>17.65</b>	250	300	2.750"	.062"	3-1/8"
	2-45/64"	2-48/64"	<b>CF200-9CS</b>	<b>12.95</b>	<b>CF200-9SS</b>	<b>17.65</b>	250	300	2.813"	.062"	3-1/8"
	2-49/64"	2-52/64"	<b>CF200-10CS</b>	<b>12.95</b>	<b>CF200-10SS</b>	<b>17.65</b>	250	300	2.875"	.062"	3-1/8"
	2-53/64"	2-56/64"	<b>CF200-11CS</b>	<b>12.95</b>	<b>CF200-11SS</b>	<b>17.65</b>	250	300	2.938"	.062"	3-1/8"
	2-57/64"	2-60/64"	<b>CF200-12CS</b>	<b>12.95</b>	<b>CF200-12SS</b>	<b>17.65</b>	250	300	3.000"	.062"	3-1/8"

\* consult Dixon™ for pressure rating

<sup>1</sup> based on using crimp cam and groove shanks

<sup>2</sup> 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 <sup>1</sup>	KC nipple <sup>2</sup>			
3"	3-13/64"	3-16/64"	<b>CF300-1CS</b>	<b>\$17.50</b>	<b>CF300-1SS</b>	<b>\$28.95</b>	150	300	3.313"	.090"	4"
	3-17/64"	3-20/64"	<b>CF300-2CS</b>	<b>17.50</b>	<b>CF300-2SS</b>	<b>28.95</b>	150	300	3.375"	.090"	4"
	3-21/64"	3-24/64"	<b>CF300-3CS</b>	<b>17.50</b>	<b>CF300-3SS</b>	<b>28.95</b>	150	300	3.438"	.090"	4"
	3-25/64"	3-28/64"	<b>CF300-4CS</b>	<b>17.50</b>	<b>CF300-4SS</b>	<b>28.95</b>	150	300	3.500"	.090"	4"
	3-29/64"	3-32/64"	<b>CF300-5CS</b>	<b>17.50</b>	<b>CF300-5SS</b>	<b>28.95</b>	150	300	3.563"	.090"	4"
	3-33/64"	3-36/64"	<b>CF300-6CS</b>	<b>17.50</b>	<b>CF300-6SS</b>	<b>28.95</b>	150	300	3.625"	.090"	4"
	3-37/64"	3-40/64"	<b>CF300-7CS</b>	<b>17.50</b>	<b>CF300-7SS</b>	<b>28.95</b>	150	300	3.688"	.090"	4"
	3-41/64"	3-44/64"	<b>CF300-8CS</b>	<b>17.50</b>	<b>CF300-8SS</b>	<b>28.95</b>	150	300	3.750"	.090"	4"
	3-45/64"	3-48/64"	<b>CF300-9CS</b>	<b>17.50</b>	<b>CF300-9SS</b>	<b>28.95</b>	150	300	3.813"	.090"	4"
	3-49/64"	3-52/64"	<b>CF300-10CS</b>	<b>17.50</b>	<b>CF300-10SS</b>	<b>28.95</b>	150	300	3.875"	.090"	4"
	3-53/64"	3-56/64"	<b>CF300-11CS</b>	<b>17.50</b>	<b>CF300-11SS</b>	<b>28.95</b>	150	300	3.938"	.090"	4"
	3-57/64"	3-60/64"	<b>CF300-12CS</b>	<b>17.50</b>	<b>CF300-12SS</b>	<b>28.95</b>	150	300	4.000"	.090"	4"
	3-61/64"	4"	<b>CF300-13CS</b>	<b>17.50</b>	<b>CF300-13SS</b>	<b>28.95</b>	150	300	4.063"	.090"	4"
	4-1/64"	4-4/64"	<b>CF300-14CS</b>	<b>17.50</b>	<b>CF300-14SS</b>	<b>28.95</b>	150	300	4.125"	.090"	4"
	4-5/64"	4-8/64"	<b>CF300-15CS</b>	<b>17.50</b>	<b>CF300-15SS</b>	<b>28.95</b>	150	300	4.188"	.090"	4"
	4-9/64"	4-12/64"	<b>CF300-16CS</b>	<b>17.50</b>	<b>CF300-16SS</b>	<b>28.95</b>	150	300	4.250"	.090"	4"
4"	4-13/64"	4-16/64"	<b>CF400-1CS</b>	<b>23.00</b>	<b>CF400-1SS</b>	<b>67.20</b>	150	300	4.313"	.090"	4"
	4-17/64"	4-20/64"	<b>CF400-2CS</b>	<b>23.00</b>	<b>CF400-2SS</b>	<b>67.20</b>	150	300	4.375"	.090"	4"
	4-21/64"	4-24/64"	<b>CF400-3CS</b>	<b>23.00</b>	<b>CF400-3SS</b>	<b>67.20</b>	150	300	4.438"	.090"	4"
	4-25/64"	4-28/64"	<b>CF400-4CS</b>	<b>23.00</b>	<b>CF400-4SS</b>	<b>67.20</b>	150	300	4.500"	.090"	4"
	4-29/64"	4-32/64"	<b>CF400-5CS</b>	<b>23.00</b>	<b>CF400-5SS</b>	<b>67.20</b>	150	300	4.563"	.090"	4"
	4-33/64"	4-36/64"	<b>CF400-6CS</b>	<b>23.00</b>	<b>CF400-6SS</b>	<b>67.20</b>	150	300	4.625"	.090"	4"
	4-37/64"	4-40/64"	<b>CF400-7CS</b>	<b>23.00</b>	<b>CF400-7SS</b>	<b>67.20</b>	150	300	4.688"	.090"	4"
	4-41/64"	4-44/64"	<b>CF400-8CS</b>	<b>23.00</b>	<b>CF400-8SS</b>	<b>67.20</b>	150	300	4.750"	.090"	4"
	4-45/64"	4-48/64"	<b>CF400-9CS</b>	<b>23.00</b>	<b>CF400-9SS</b>	<b>67.20</b>	150	300	4.813"	.090"	4"
	4-49/64"	4-52/64"	<b>CF400-10CS</b>	<b>23.00</b>	<b>CF400-10SS</b>	<b>67.20</b>	150	300	4.875"	.090"	4"
	4-53/64"	4-56/64"	<b>CF400-11CS</b>	<b>23.00</b>	<b>CF400-11SS</b>	<b>67.20</b>	150	300	4.938"	.090"	4"
	4-57/64"	4-60/64"	<b>CF400-12CS</b>	<b>23.00</b>	<b>CF400-12SS</b>	<b>67.20</b>	150	300	5.000"	.090"	4"
	4-61/64"	5"	<b>CF400-13CS</b>	<b>23.00</b>	<b>CF400-13SS</b>	<b>67.20</b>	150	300	5.063"	.090"	4"
	5-1/64"	5-4/64"	<b>CF400-14CS</b>	<b>23.00</b>	<b>CF400-14SS</b>	<b>67.20</b>	150	300	5.125"	.090"	4"
	5-5/64"	5-8/64"	<b>CF400-15CS</b>	<b>23.00</b>	<b>CF400-15SS</b>	<b>67.20</b>	150	300	5.188"	.090"	4"
	5-9/64"	5-12/64"	<b>CF400-16CS</b>	<b>23.00</b>	<b>CF400-16SS</b>	<b>67.20</b>	150	300	5.250"	.090"	4"
6"	6-21/64"	6-28/64"	<b>CF600-1CS</b>	<b>52.25</b>	<b>CF600-1SS</b>	<b>85.00</b>	*	*	6.500"	.120"	5-7/8"
	6-29/64"	6-36/64"	<b>CF600-2CS</b>	<b>52.25</b>	<b>CF600-2SS</b>	<b>85.00</b>	*	*	6.625"	.120"	5-7/8"
	6-37/64"	6-44/64"	<b>CF600-3CS</b>	<b>52.25</b>	<b>CF600-3SS</b>	<b>85.00</b>	*	*	6.750"	.120"	5-7/8"
	6-45/64"	6-52/64"	<b>CF600-4CS</b>	<b>52.25</b>	<b>CF600-4SS</b>	<b>85.00</b>	*	*	6.875"	.120"	5-7/8"
	6-53/64"	6-60/64"	<b>CF600-5CS</b>	<b>52.25</b>	<b>CF600-5SS</b>	<b>85.00</b>	*	*	7.000"	.120"	5-7/8"
	6-61/64"	7-4/64"	<b>CF600-6CS</b>	<b>52.25</b>	<b>CF600-6SS</b>	<b>85.00</b>	*	*	7.125"	.120"	5-7/8"
	7-5/64"	7-12/64"	<b>CF600-7CS</b>	<b>52.25</b>	<b>CF600-7SS</b>	<b>85.00</b>	*	*	7.250"	.120"	5-7/8"
	7-13/64"	7-20/64"	<b>CF600-8CS</b>	<b>52.25</b>	<b>CF600-8SS</b>	<b>85.00</b>	*	*	7.375"	.120"	5-7/8"
	7-21/64"	7-28/64"	<b>CF600-9CS</b>	<b>52.25</b>	<b>CF600-9SS</b>	<b>85.00</b>	*	*	7.500"	.120"	5-7/8"

\* consult Dixon™ for pressure rating

<sup>1</sup> based on using crimp cam and groove shanks

<sup>2</sup> based on using King Crimp™ combination nipples

## King™ Steel Round Nipples

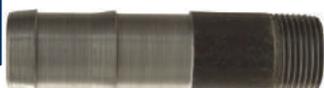
for one clamp



Hose Size	NPT Size	Unplated Steel		Opt Qty
		Part #	Price/E	
5/8"	1/2"	<b>KRN541</b>	<b>\$12.00</b>	100
3/4"	1/2"	<b>KRN641</b>	<b>9.70</b>	50
1"	3/4"	<b>KRN861</b>	<b>12.85</b>	25

for two clamps

G



Hose Size	NPT Size	Unplated Steel		Opt Qty
		Part #	Price/E	
1/2"	1/4"	<b>KRN422</b>	<b>\$16.95</b>	100
1/2"	3/8"	<b>KRN432</b>	<b>11.30</b>	100
5/8"	1/2"	<b>KRN542</b>	<b>17.95</b>	100
3/4"	1/2"	<b>KRN642</b>	<b>14.30</b>	50
3/4"	3/4"	<b>KRN662</b>	<b>18.00</b>	50
1"	3/4"	<b>KRN862</b>	<b>12.85</b>	50
1"	1"	<b>KRN882</b>	<b>19.60</b>	50
1 1/4"	1"	<b>KRN1082</b>	<b>13.70</b>	25
1 1/2"	1 1/4"	<b>KRN1210</b>	<b>18.35</b>	25
2"	1 1/2"	<b>KRN1612</b>	<b>48.15</b>	20

## King™ Steel Hex Nipples

for one clamp



Hose Size	NPT Size	Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	<b>KHN221</b>	<b>\$12.65</b>	50
3/8"	1/4"	<b>KHN321</b>	<b>11.60</b>	100
3/8"	3/8"	<b>KHN331</b>	<b>10.70</b>	100
3/8"	1/2"	<b>KHN341</b>	<b>13.95</b>	100
1/2"	1/4"	<b>KHN421</b>	<b>13.50</b>	50
1/2"	3/8"	<b>KHN431</b>	<b>14.00</b>	50
1/2"	1/2"	<b>KHN441</b>	<b>10.45</b>	50
1/2"	3/4"	<b>KHN461</b>	<b>13.55</b>	50
3/4"	1/2"	<b>KHN641</b>	<b>15.70</b>	50
3/4"	3/4"	<b>KHN661</b>	<b>15.20</b>	50
1"	3/4"	<b>KHN861</b>	<b>18.60</b>	25
1"	1"	<b>KHN881</b>	<b>19.40</b>	25

for two clamps



Hose Size	NPT Size	Plated Steel		Opt Qty
		Part #	Price/E	
1/4"	1/4"	<b>KHN222</b>	<b>\$18.85</b>	100
3/8"	1/4"	<b>KHN322</b>	<b>16.75</b>	100
3/8"	3/8"	<b>KHN332</b>	<b>16.20</b>	50
3/8"	1/2"	<b>KHN342</b>	<b>20.80</b>	100
1/2"	1/4"	<b>KHN422</b>	<b>17.70</b>	100
1/2"	3/8"	<b>KHN432</b>	<b>15.50</b>	100
1/2"	1/2"	<b>KHN442</b>	<b>15.40</b>	50
1/2"	3/4"	<b>KHN462</b>	<b>20.10</b>	50
3/4"	1/2"	<b>KHN642</b>	<b>15.60</b>	50
3/4"	3/4"	<b>KHN662</b>	<b>15.05</b>	50
1"	3/4"	<b>KHN862</b>	<b>20.95</b>	25
1"	1"	<b>KHN882</b>	<b>22.35</b>	25

## 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 70.



- 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 Dixon™ for recommendations.

### NPT Threaded end

Size	Working PSI	Plated Steel		316 Stainless Steel	
		Part #	Price/E	Part #	Price/E
2"	250	<b>ST25PF</b>	<b>\$37.80</b>	<b>RST25PF</b>	<b>\$67.15</b>
3"	125	<b>ST35PF</b>	<b>44.95</b>	<b>RST35PF</b>	<b>168.70</b>
4"	100	<b>ST40PF</b>	<b>64.10</b>	<b>RST40PF</b>	<b>175.00</b>
6"	75	<b>ST60PF</b>	<b>140.00</b>	<b>RST60PF</b>	<b>425.00</b>

Note: Beveled ends for welding are also available. Contact Dixon™ for further information.



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## Tuff-Lite™ King™ Combination Nipples

### NPT Threaded end

Size	Polypropylene		Price/E	Opt Qty
	Part #			
½"	<b>PPN44</b> <sup>1</sup>		<b>\$0.73</b>	50
¾"	<b>PPN66</b> <sup>1</sup>		<b>0.93</b>	50
1"	<b>PPN88</b> <sup>1</sup>		<b>1.49</b>	25
1½"	<b>HB150</b>		<b>4.85</b>	25
2"	<b>HB200</b>		<b>5.90</b>	24
3"	<b>HB300</b>		<b>17.10</b>	10
4"	<b>HB400</b>		<b>38.75</b>	---

<sup>1</sup> sold in package quantities only

### NPT Threaded end

Size	Nylon		Price/E	Opt Qty
	Part #			
1¼"	<b>THN15</b>		<b>\$6.90</b>	25
1½"	<b>THN20</b>		<b>7.50</b>	25
2"	<b>THN25</b>		<b>11.40</b>	20
3"	<b>THN35</b>		<b>26.00</b>	10



PPN



HB



THN

## 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.

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Size	Zinc Plated Steel		Opt Qty	316 Stainless Steel		Opt Qty
	Part #	Price/E		Part #	Price/E	
¼"	<b>DMA</b>	<b>\$7.65</b>	200	<b>RDMA</b>	<b>\$28.00</b>	100
⅜"	<b>DMB</b>	<b>7.80</b>	100	<b>RDMB</b>	<b>32.65</b>	100
½"	<b>DM1</b>	<b>7.75</b>	50	<b>RDM1</b>	<b>28.15</b>	50
⅝"	<b>DM5</b>	<b>7.95</b>	50	---	---	---
¾"	<b>DM6</b>	<b>7.15</b>	50	<b>RDM6</b>	<b>58.00</b>	50
1"	<b>DM11</b>	<b>6.80</b>	50	<b>RDM11</b>	<b>61.00</b>	50
1¼"	<b>DM16</b>	<b>9.05</b>	50	<b>RDM16</b>	<b>64.50</b>	5
1⅜"	<b>DM18</b>	<b>25.55</b>	50	---	---	---
1½"	<b>DM21</b>	<b>10.25</b>	50	<b>RDM21</b>	<b>73.50</b>	50
1½"	<b>DMXL21</b> <sup>1</sup>	<b>24.15</b>	25	---	---	---
2"	<b>DM26</b>	<b>11.55</b>	50	<b>RDM26</b>	<b>82.70</b>	10
2"	<b>DMXL26</b> <sup>1</sup>	<b>29.05</b>	25	---	---	---
2½"	<b>DM31</b>	<b>18.65</b>	25	---	---	---
3"	<b>DM36</b>	<b>22.50</b>	20	<b>RDM36</b>	<b>183.30</b>	5
4"	<b>DM46</b>	<b>41.40</b>	10	<b>RDM46</b>	<b>216.30</b>	5
5"	<b>DM51</b>	<b>130.00</b>	5	---	---	---
6"	<b>DM66</b>	<b>100.55</b>	4	---	---	---
8"	<b>DM86</b>	<b>218.00</b>	1	---	---	---
10"	<b>DM100</b>	<b>335.00</b>	1	---	---	---
12"	<b>DM120</b>	<b>512.30</b>	1	---	---	---

<sup>1</sup> XL series has extra long shank

## 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 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.



for 1 clamp each end



for 2 clamps each end

for 1 clamp each end

for 2 clamps each end

Size	Steel		Steel	
	Part #	Price/E	Part #	Price/E
¼"	<b>KM21</b>	<b>\$7.65</b>	---	---
5/16"	<b>KM251</b>	<b>8.00</b>	---	---
½"	<b>KM41</b>	<b>8.80</b>	<b>KM42</b>	<b>\$11.90</b>
⅝"	<b>KM51</b>	<b>11.30</b>	<b>KM52</b>	<b>12.10</b>
¾"	<b>KM61</b>	<b>8.75</b>	<b>KM62</b>	<b>11.60</b>
1"	<b>KM81</b>	<b>8.60</b>	<b>KM82</b>	<b>11.90</b>
1¼"	<b>KM101</b>	<b>7.80</b>	<b>KM102</b>	<b>13.65</b>
1½"	<b>KM121</b>	<b>11.10</b>	<b>KM122</b>	<b>20.75</b>
2"	---	---	<b>KM162</b>	<b>28.70</b>

## Dixon™ 316 Stainless Steel Menders



Size	Length	Stainless Steel	
		Part #	Price/E
¼"	2-1/32"	<b>RM2</b>	<b>\$15.20</b>
⅜"	2-1/16"	<b>RM3</b>	<b>16.30</b>
½"	2-1/16"	<b>RM4</b>	<b>24.45</b>
¾"	2½"	<b>RM6</b>	<b>31.40</b>

## Dixon™ Brass Hose Menders

Size	Brass		Opt Qty
	Part #	Price/E	
1/8"	<b>BM1</b>	<b>\$1.98</b>	100
3/16"	<b>BM15</b>	<b>1.75</b>	100
1/4"	<b>BM2</b>	<b>2.04</b>	100
1/4" x 1/8"	<b>BM2-1</b>	<b>2.51</b>	100
5/16"	<b>BM25</b>	<b>2.34</b>	100
3/8"	<b>BM3</b>	<b>2.40</b>	100
3/8" x 1/4"	<b>BM3-2</b>	<b>3.16</b>	100
1/2"	<b>BM4</b>	<b>3.36</b>	50
1/2" x 3/8"	<b>BM4-3</b>	<b>4.00</b>	50
5/8"	<b>BM5</b>	<b>4.00</b>	50
5/8" x 3/8"	<b>BM5-3</b>	<b>4.41</b>	50
5/8" x 1/2"	<b>BM5-4</b>	<b>5.37</b>	50
3/4"	<b>BM6</b>	<b>5.60</b>	50
3/4" x 1/2"	<b>BM6-4</b>	<b>6.22</b>	50
1"	<b>BM8</b>	<b>10.50</b>	10



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## Tuff-Lite™ Nylon Menders

## Feature:

- maximum working temperature: 150°F

Size	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	<b>TM2</b> <sup>1</sup>	<b>\$0.82</b>	50
5/16"	<b>TM25</b> <sup>1</sup>	<b>0.83</b>	50
3/8"	<b>TM3</b> <sup>1</sup>	<b>0.85</b>	50
1/2"	<b>TM4</b> <sup>1</sup>	<b>1.10</b>	50
5/8"	<b>TM5</b> <sup>1</sup>	<b>1.50</b>	50
3/4"	<b>TM6</b> <sup>1</sup>	<b>1.50</b>	50
1"	<b>TM8</b> <sup>1</sup>	<b>1.82</b>	25
1-1/4"	<b>TM16</b>	<b>4.55</b>	---
1-1/2"	<b>TM21</b>	<b>7.45</b>	---
2"	<b>TM26</b>	<b>10.30</b>	---
4"	<b>TM46</b>	<b>60.50</b>	---
6"	<b>TM66</b>	<b>85.10</b>	---



1/4" - 2" menders



4" - 6" menders

<sup>1</sup> 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	Nylon		Pkg Qty
	Part #	Price/E	
1/4"	<b>TPM2</b>	<b>\$0.65</b>	50
3/8"	<b>TPM3</b>	<b>0.71</b>	50
1/2"	<b>TPM4</b>	<b>0.87</b>	50



## 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"	<b>CAB150</b>	<b>\$13.90</b>	60	<b>FAB150</b>	<b>\$9.45</b>	<b>MA150</b>	<b>\$4.15</b>
2"	<b>CAB200</b>	<b>20.50</b>	40	<b>FAB200</b>	<b>14.10</b>	<b>MA200</b>	<b>5.25</b>
2½"	<b>CAB250</b>	<b>37.30</b>	30	<b>FAB250</b>	<b>24.25</b>	<b>MA250</b>	<b>11.65</b>
3"	<b>CAB300</b>	<b>42.90</b>	18	<b>FAB300</b>	<b>27.00</b>	<b>MA300</b>	<b>13.85</b>
4"	<b>CAB400</b>	<b>85.00</b>	8	<b>FAB400</b>	<b>59.25</b>	<b>MA400</b>	<b>27.20</b>
6"	<b>CAB600</b>	<b>178.00</b>	6	<b>FAB600</b>	<b>118.00</b>	<b>MA600</b>	<b>52.00</b>

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"	<b>CBB125</b>	<b>\$36.00</b>	<b>FBB125</b>	<b>\$20.50</b>	<b>MB125</b>	<b>\$19.20</b>
1½"	<b>CBB150</b>	<b>38.70</b>	<b>FBB150</b>	<b>24.10</b>	<b>MB150</b>	<b>18.10</b>
2"	<b>CBB200</b>	<b>55.00</b>	<b>FBB200</b>	<b>32.40</b>	<b>MB200</b>	<b>26.50</b>
2½"	<b>CBB250</b>	<b>88.70</b>	<b>FBB250</b>	<b>49.00</b>	<b>MB250</b>	<b>50.60</b>
3"	<b>CBB300</b>	<b>142.00</b>	<b>FBB300</b>	<b>84.70</b>	<b>MB300</b>	<b>67.75</b>
4"	<b>CBB400</b>	<b>212.00</b>	<b>FBB400</b>	<b>128.40</b>	<b>MB400</b>	<b>91.00</b>

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"	<b>S33</b> <sup>1</sup>	<b>\$26.25</b>	<b>S12</b> <sup>1</sup>	<b>\$15.60</b>	<b>S10</b>	<b>\$10.65</b>
1¼"	<b>S48</b>	<b>39.35</b>	<b>S17</b>	<b>22.65</b>	<b>S15</b>	<b>16.70</b>
1½"	<b>S63</b>	<b>38.60</b>	<b>S22</b>	<b>21.50</b>	<b>S20</b>	<b>17.10</b>
2"	<b>S78</b>	<b>52.90</b>	<b>S27</b>	<b>29.50</b>	<b>S25</b>	<b>23.40</b>
2½"	<b>S93</b>	<b>92.00</b>	<b>S32</b>	<b>55.00</b>	<b>S30</b>	<b>37.00</b>
3"	<b>S111</b>	<b>99.60</b>	<b>S38</b>	<b>49.90</b>	<b>S36</b>	<b>49.70</b>
4"	<b>S123</b>	<b>166.20</b>	<b>S42</b>	<b>90.50</b>	<b>S40</b>	<b>75.70</b>
5"	<b>S168</b>	<b>341.50</b>	<b>S57</b>	<b>222.50</b>	<b>S55</b>	<b>119.00</b>
6"	<b>S183</b>	<b>349.00</b>	<b>S62</b>	<b>203.65</b>	<b>S60</b>	<b>145.35</b>

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"	<b>SB33</b> <sup>1</sup>	<b>\$32.65</b>	<b>SB12</b> <sup>1</sup>	<b>\$22.00</b>	<b>S10</b>	<b>\$10.65</b>
1¼"	<b>SB48</b>	<b>35.90</b>	<b>SB17</b>	<b>19.20</b>	<b>S15</b>	<b>16.70</b>
1½"	<b>SB63</b>	<b>35.10</b>	<b>SB22</b>	<b>18.00</b>	<b>S20</b>	<b>17.10</b>
2"	<b>SB78</b>	<b>47.20</b>	<b>SB27</b>	<b>24.50</b>	<b>S25</b>	<b>23.40</b>
2½"	<b>SB93</b>	<b>82.40</b>	<b>SB32</b>	<b>46.35</b>	<b>S30</b>	<b>37.00</b>
3"	<b>SB111</b>	<b>95.35</b>	<b>SB38</b>	<b>46.65</b>	<b>S36</b>	<b>49.70</b>
4"	<b>SB123</b>	<b>155.60</b>	<b>SB42</b>	<b>81.40</b>	<b>S40</b>	<b>75.70</b>
5"	<b>SB168</b>	<b>326.85</b>	<b>SB57</b>	<b>207.85</b>	<b>S55</b>	<b>119.00</b>
6"	<b>SB183</b>	<b>333.70</b>	<b>SB62</b>	<b>188.35</b>	<b>S60</b>	<b>145.35</b>

• complete couplings supplied with rubber gaskets

<sup>1</sup> 1" fittings have a hex nut design

Replacement gaskets (KRW standard) are available, see page 302.

## King™ Short Shank Suction Couplings, NST (NH) Thread



complete with NST (NH) thread



female with NST (NH) thread



male with NST (NH) thread

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"	<b>CAB150N</b>	<b>\$29.75</b>	<b>FAB150N</b>	<b>\$17.60</b>	<b>MA150N</b>	<b>\$9.00</b>
2½"	<b>CAB250N</b>	<b>57.50</b>	<b>FAB250N</b>	<b>33.50</b>	<b>MA250N</b>	<b>17.85</b>

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"	<b>BS63N</b>	<b>\$73.70</b>	<b>BS22N</b>	<b>\$27.45</b>	<b>BS201</b>	<b>\$46.25</b>
2½"	<b>BS93N</b>	<b>157.95</b>	<b>BS32N</b>	<b>65.75</b>	<b>BS301</b>	<b>92.20</b>

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"	<b>S63N</b>	<b>\$51.35</b>	<b>S22N</b>	<b>\$29.20</b>	<b>S201</b>	<b>\$22.15</b>
2½"	<b>S93N</b>	<b>92.90</b>	<b>S32N</b>	<b>50.00</b>	<b>S301</b>	<b>42.90</b>

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"	<b>SB63N</b>	<b>\$52.45</b>	<b>SB22N</b>	<b>\$30.30</b>	<b>S201</b>	<b>\$22.15</b>
2½"	<b>SB93N</b>	<b>108.40</b>	<b>SB32N</b>	<b>65.50</b>	<b>S301</b>	<b>42.90</b>

• NST (Common Fire Hose Thread) is also known as NH

## 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"	<b>CSM125</b>	<b>\$41.75</b>	<b>FCSM125</b>	<b>\$23.90</b>	<b>MCS125</b>	<b>\$17.85</b>
1½"	<b>CSM150</b>	<b>33.65</b>	<b>FCSM150</b>	<b>20.35</b>	<b>MCS150</b>	<b>13.30</b>
2"	<b>CSM200</b>	<b>47.70</b>	<b>FCSM200</b>	<b>27.60</b>	<b>MCS200</b>	<b>20.10</b>
2½"	<b>CSM250</b>	<b>62.55</b>	<b>FCSM250</b>	<b>33.10</b>	<b>MCS250</b>	<b>29.45</b>
3"	<b>CSM300</b>	<b>78.25</b>	<b>FCSM300</b>	<b>44.15</b>	<b>MCS300</b>	<b>34.10</b>
4"	<b>CSM400</b>	<b>132.85</b>	<b>FCSM400</b>	<b>85.00</b>	<b>MCS400</b>	<b>47.85</b>
6"	<b>CSM600</b>	<b>267.25</b>	<b>FCSM600</b>	<b>150.15</b>	<b>MCS600</b>	<b>117.10</b>

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"	<b>CSB125</b>	<b>\$45.15</b>	<b>FCSB125</b>	<b>\$27.30</b>	<b>MCS125</b>	<b>\$17.85</b>
1½"	<b>CSB150</b>	<b>32.90</b>	<b>FCSB150</b>	<b>19.60</b>	<b>MCS150</b>	<b>13.30</b>
2"	<b>CSB200</b>	<b>42.10</b>	<b>FCSB200</b>	<b>22.00</b>	<b>MCS200</b>	<b>20.10</b>
2½"	<b>CSB250</b>	<b>64.70</b>	<b>FCSB250</b>	<b>35.25</b>	<b>MCS250</b>	<b>29.45</b>
3"	<b>CSB300</b>	<b>75.75</b>	<b>FCSB300</b>	<b>42.50</b>	<b>MCS300</b>	<b>34.10</b>
4"	<b>CSB400</b>	<b>135.90</b>	<b>FCSB400</b>	<b>88.05</b>	<b>MCS400</b>	<b>47.85</b>
6"	<b>CSB600</b>	<b>259.85</b>	<b>FCSB600</b>	<b>142.75</b>	<b>MCS600</b>	<b>117.10</b>

Replacement gaskets (KRW standard) are available, see page 302.

## Pin Lug Spanner Wrenches

## single end wrench



Size	Plated Iron	
	Part #	Price/E
2"	<b>SW20</b>	<b>10.15</b>
2½"	<b>SW25</b>	<b>11.55</b>
3"	<b>SW30</b>	<b>13.25</b>
4"	<b>SW40</b>	<b>13.85</b>
6"	<b>SW60</b>	<b>84.85</b>

## double end wrench



Size	Plated Iron	
	Part #	Price/E
1½", 2" x 2½", 3"	<b>SW153</b>	<b>\$25.50</b>

- Additional spanner wrenches are also available on pages 631-634.

## Gaskets for Suction, Long and Short Shank Couplings



NPSM only

NST only

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"	<b>KRW1</b>	<b>\$0.45</b>	---	---	---	---	<b>KLW1</b>	<b>\$2.60</b>	---	---
¾"	<b>KRW5</b>	<b>0.45</b>	<b>KNW5</b>	<b>\$0.50</b>	---	---	<b>KLW5</b>	<b>1.75</b>	---	---
1"	<b>KRW10</b>	<b>0.45</b>	<b>KNW10</b>	<b>0.50</b>	<b>KVW10</b>	<b>\$3.85</b>	<b>KLW10</b>	<b>1.80</b>	---	---
1¼"	<b>KRW15</b>	<b>0.45</b>	<b>KNW15</b>	<b>0.95</b>	---	---	<b>KLW15</b>	<b>1.90</b>	---	---
1½"	<b>KRW20</b>	<b>0.55</b>	<b>KNW20</b>	<b>0.75</b>	<b>KVW20</b>	<b>7.25</b>	<b>KLW20</b>	<b>2.25</b>	<b>KRW2075</b>	<b>\$1.85</b>
2"	<b>KRW25</b>	<b>0.70</b>	<b>KNW25</b>	<b>0.85</b>	<b>KVW25</b>	<b>10.10</b>	<b>KLW25</b>	<b>4.45</b>	---	---
2½"	<b>KRW30</b>	<b>0.90</b>	<b>KNW30</b>	<b>0.95</b>	---	---	<b>KLW30</b>	<b>2.60</b>	<b>KRW3075</b>	<b>1.90</b>
3"	<b>KRW35</b>	<b>0.90</b>	<b>KNW35</b>	<b>1.35</b>	<b>KVW35</b>	<b>21.85</b>	<b>KLW35</b>	<b>4.30</b>	---	---
4"	<b>KRW40</b>	<b>1.50</b>	<b>KNW40</b>	<b>2.15</b>	---	---	<b>KLW40</b>	<b>4.95</b>	---	---
5"	<b>KRW50</b>	<b>3.50</b>	---	---	---	---	---	---	---	---
6"	<b>KRW60</b>	<b>4.45</b>	<b>KNW60</b>	<b>6.35</b>	---	---	---	---	---	---
8"	<b>KRW80</b>	<b>9.80</b>	<b>KNW80</b>	<b>12.10</b>	---	---	---	---	---	---

# Super King Long Shank Couplings for Bulk Handling

## NPSM Female Coupling



pin lug nut

KLW leather gaskets standard



hex nut

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
1 1/4"	4 1/8"	<b>SD15</b>	\$44.75	<b>SDMP15</b>	\$44.35	---	---	---	---
1 1/2"	4 1/8"	<b>SD20</b>	47.20	<b>SDMP20</b>	46.10	---	---	<b>RSHR20</b> <sup>1</sup>	\$126.00
2"	5"	<b>SD25</b>	58.35	<b>SDMP25</b>	57.20	<b>RSDM25</b>	\$116.00	<b>RSDR25</b> <sup>1</sup>	157.00
2 1/2"	5"	<b>SD30</b>	86.50	<b>SDMP30</b>	82.00	---	---	---	---
3"	5"	<b>SD35</b>	85.45	<b>SDMP35</b>	81.10	<b>RSDM35</b>	158.00	---	---
4"	5"	<b>SD40</b>	124.00	<b>SDMP40</b>	123.00	---	---	---	---

<sup>1</sup> hex nut design



## NPT Male Couplings



Size	Shank Length	Plated Steel		316 Stainless	
		Part #	Price/E	Part #	Price/E
1 1/4"	4-3/8"	<b>SK16</b>	\$19.25	---	---
1 1/2"	4-5/32"	<b>SK21</b>	22.80	---	---
2"	5-5/16"	<b>SK26</b>	27.55	<b>RSK26</b>	\$80.00
2 1/2"	5-5/16"	<b>SK31</b>	47.90	---	---
3"	5-1/2"	<b>SK36</b>	51.45	<b>RSK36</b>	148.00
4"	5-1/2"	<b>SK46</b>	72.30	---	---

- All Super King long shank couplings will accept 3 band clamps.
- Replacement FKM (KVV) gaskets are available on page 302. PTFE gaskets are available on page 762.

## 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
3/8"	3/4"	<b>SS306</b>	\$30.45	<b>SS346</b>	\$14.60	<b>SS316</b>	\$15.85	<b>KLW5</b>	\$1.75
1/2"	1/2"	<b>SS404</b>	37.50	<b>SS444</b>	23.50	<b>SS414</b>	14.00	<b>KLW1</b>	2.60
1/2"	3/4"	<b>SS406</b>	30.30	<b>SS446</b>	13.00	<b>SS416</b>	17.30	<b>KLW5</b>	1.75
3/4"	3/4"	<b>SS606</b>	38.60	<b>SS646</b>	23.60	<b>SS616</b>	15.00	<b>KLW5</b>	1.75
1"	1"	<b>SS808</b>	69.05	<b>SS848</b>	47.55	<b>SS818</b>	21.50	<b>KLW10</b>	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
3/8"	3/4"	<b>SS307</b>	\$25.55	<b>SS347</b>	\$14.05	<b>SS317</b>	\$11.50	<b>KLW5</b>	\$1.75
1/2"	3/4"	<b>SS407</b>	23.95	<b>SS447</b>	12.15	<b>SS417</b>	11.80	<b>KLW5</b>	1.75
5/8"	3/4"	<b>SS507</b>	27.70	<b>SS547</b>	13.70	<b>SS517</b>	14.00	<b>KLW5</b>	1.75
3/4"	3/4"	<b>SS607</b>	37.75	<b>SS647</b>	24.55	<b>SS617</b>	13.20	<b>KLW5</b>	1.75



## 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"	<b>SLS404</b>	\$26.30	<b>SLS444</b>	\$13.80	<b>SLS414</b>	\$12.50
3/4"	3/4"	<b>SLS606</b>	29.30	<b>SLS646</b>	15.10	<b>SLS616</b>	14.20
1"	1"	<b>SLS808</b>	41.40	<b>SLS848</b>	22.15	<b>SLS818</b>	19.25

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"	<b>SLS307</b>	\$30.75	<b>SLS347</b>	\$17.40	<b>SLS317</b>	\$13.35
1/2"	3/4"	<b>SLS407</b>	27.50	<b>SLS447</b>	16.20	<b>SLS417</b>	11.30
5/8"	3/4"	<b>SLS507</b>	24.90	<b>SLS547</b>	12.50	<b>SLS517</b>	12.40
3/4"	3/4"	<b>SLS607</b>	26.60	<b>SLS647</b>	13.60	<b>SLS617</b>	13.00

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"	<b>MLS48</b>	\$54.05	<b>MLS33</b>	\$26.25	<b>MLS15</b>	\$28.35
1 1/2"	1 1/2"	<b>MLS63</b>	57.85	<b>MLS43</b>	28.15	<b>MLS20</b>	29.70
2"	2"	<b>MLS78</b>	80.00	<b>MLS53</b>	47.00	<b>MLS25</b>	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"	<b>BLS404</b>	\$25.60	<b>BLS444</b>	\$12.50	<b>BLS414</b>	\$10.69
1/2"	3/4"	<b>BLS406</b>	29.50	<b>BLS446</b>	12.75	<b>BLS416</b>	13.35
5/8"	3/4"	<b>BLS506</b>	25.00	<b>BLS546</b>	13.75	<b>BLS516</b>	9.18
3/4"	3/4"	<b>BLS606</b>	24.25	<b>BLS646</b>	12.85	<b>BLS616</b>	11.38
1"	1"	<b>BLS808</b>	35.72	<b>BLS848</b>	17.00	<b>BLS818</b>	18.75
1 1/4"	1 1/4"	<b>BLS48</b>	81.80	<b>BLS33</b>	45.80	<b>BLS15</b>	36.00
1 1/2"	1 1/2"	<b>BLS63</b>	108.95	<b>BLS43</b>	59.75	<b>BLS20</b>	49.20
2"	2"	<b>BLS78</b>	163.25	<b>BLS53</b>	89.75	<b>BLS25</b>	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"	<b>BLS407</b>	\$18.40	<b>BLS447</b>	\$9.48	150	<b>BLS417<sup>1</sup></b>	\$8.91	150
5/8"	3/4"	<b>BLS507</b>	18.63	<b>BLS547</b>	9.63	150	<b>BLS517<sup>1</sup></b>	9.00	150
3/4"	3/4"	<b>BLS607</b>	18.70	<b>BLS647</b>	9.63	150	<b>BLS617<sup>1</sup></b>	9.06	150

- <sup>1</sup> 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"	<b>BLS63NST</b>	\$125.85	<b>BLS150NST</b>	\$72.25	<b>BLS20NST</b>	\$53.60
2 1/2"	2 1/2"	<b>BLS93NST</b>	228.75	<b>BLS250NST</b>	118.00	<b>BLS30NST</b>	110.75

Replacement gaskets (KRW standard) are available, see page 302.

## 316 Stainless Steel Inserts

- brass inserts are available on page 346

Hose Size	NPT Size	Part #	Price/E
1/8"	1/8"	<b>RN11</b>	<b>\$14.00</b>
3/16"	1/8"	<b>RN151</b>	<b>16.70</b>
3/16"	1/4"	<b>RN152</b>	<b>16.20</b>
1/4"	1/8"	<b>RN21</b>	<b>13.20</b>
1/4"	1/4"	<b>RN22</b>	<b>11.60</b>
1/4"	3/8"	<b>RN23</b>	<b>21.85</b>
5/16"	1/8"	<b>RN251</b>	<b>14.90</b>
5/16"	1/4"	<b>RN252</b>	<b>17.60</b>
5/16"	3/8"	<b>RN253</b>	<b>20.00</b>
3/8"	1/8"	<b>RN31</b>	<b>12.15</b>
3/8"	1/4"	<b>RN32</b>	<b>11.80</b>
3/8"	3/8"	<b>RN33</b>	<b>14.50</b>
3/8"	1/2"	<b>RN34</b>	<b>29.55</b>
1/2"	1/4"	<b>RN42</b>	<b>15.50</b>
1/2"	3/8"	<b>RN43</b>	<b>22.15</b>
1/2"	1/2"	<b>RN44</b>	<b>28.95</b>
1/2"	3/4"	<b>RN46</b>	<b>36.35</b>
5/8"	3/8"	<b>RN53</b>	<b>24.25</b>
5/8"	1/2"	<b>RN54</b>	<b>27.00</b>
5/8"	3/4"	<b>RN56</b>	<b>36.15</b>
3/4"	1/2"	<b>RN64</b>	<b>40.95</b>
3/4"	3/4"	<b>RN66</b>	<b>48.00</b>
1"	3/4"	<b>RN86</b>	<b>54.00</b>
1"	1"	<b>RKHN881</b> <sup>1</sup>	<b>78.50</b>

<sup>1</sup> same shank style as KHN881 shown on page 296



G

## 316 Stainless Short Shank Couplings

## Feature:

- Standard gasket is rubber (KRW); for FKM gaskets (KVW) see page 302.

Size	316 Stainless Steel	
	Complete Part #	Price/E
1/2"	<b>RES404</b>	<b>\$98.90</b>
3/4"	<b>RES606</b>	<b>62.35</b>
1"	<b>RES808</b>	<b>63.80</b>
1 1/4"	<b>RES48</b>	<b>166.40</b>
1 1/2"	<b>RES63</b>	<b>131.60</b>
2"	<b>RES78</b>	<b>169.75</b>



complete coupling

Size	316 Stainless Steel	
	Female Part #	Price/E
1/2"	<b>RES444</b>	<b>\$77.80</b>
3/4"	<b>RES646</b>	<b>41.20</b>
1"	<b>RES848</b>	<b>42.55</b>
1 1/4"	<b>RES33</b>	<b>139.30</b>
1 1/2"	<b>RES43</b>	<b>99.00</b>
2"	<b>RES53</b>	<b>124.75</b>

female with nut  
NPSM thread

Size	316 Stainless Steel		Opt Qty
	Male Part #	Price/E	
1/2"	<b>RST1</b> <sup>1</sup>	<b>\$21.10</b>	50
3/4"	<b>RST5</b> <sup>1</sup>	<b>21.15</b>	50
1"	<b>RST10</b>	<b>21.25</b>	50
1 1/4"	<b>RST15</b>	<b>27.10</b>	50
1 1/2"	<b>RST20</b>	<b>33.25</b>	50
2"	<b>RST25</b>	<b>45.00</b>	25

male  
NPT thread

<sup>1</sup> made from investment casting

## 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 Dixon™ for recommendations.*



### (Bauer style) Type B



Type B male with hose shank



Type B female with hose shank with gasket

Size	Galvanized Steel	
	Part #	Price/E
2"	<b>MC3092</b>	\$43.50
3"	<b>MC3093</b>	69.50
4"	<b>MC3094</b>	124.90
6"	<b>MC3096</b>	219.25
8"	<b>MC3098</b>	422.00
10"	<b>MC30910</b> <sup>1</sup>	860.50
12"	<b>MC30912</b> <sup>1</sup>	1054.00

Size	Galvanized Steel	
	Part #	Price/E
2"	<b>FC3102</b>	\$24.50
3"	<b>FC3103</b>	33.00
4"	<b>FC3104</b>	57.00
6"	<b>FC3106</b>	97.50
8"	<b>FC3108</b>	185.60
10"	<b>FC31010</b>	376.75
12"	<b>FC31012</b>	483.70

<sup>1</sup> 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"	<b>MCM3112</b>	\$60.50
3"	<b>MCM3113</b>	89.00
4"	<b>MCM3114</b>	149.75
6"	<b>MCM3116</b>	270.50
8"	<b>MCM3118</b>	525.00

Size	Galvanized Steel	
	Part #	Price/E
2"	<b>FCM3122</b>	\$40.50
3"	<b>FCM3123</b>	51.50
4"	<b>FCM3124</b>	83.25
6"	<b>FCM3126</b>	142.50
8"	<b>FCM3128</b>	293.00

## Quick Connect Fittings

(Bauer style)

Type B

## Features:

- Dixon™ combination nipple style hose shank machined from Schedule 40 pipe
- recommended for use with steel King Crimp™ sleeves
- all components are galvanized



Type B male with machined steel hose shank

Size	Machined Steel	
	Part #	Price/E
2"	<b>MC3092ST25</b>	<b>\$99.65</b>
3"	<b>MC3093ST35</b>	<b>159.00</b>
4"	<b>MC3094ST40</b>	<b>197.00</b>
6"	<b>MC3096ST60</b>	<b>394.00</b>
8"	<b>MC3098ST80</b>	<b>655.00</b>

Type B female with machined steel hose shank with gasket

Size	Machined Steel	
	Part #	Price/E
2"	<b>FC3102ST25</b>	<b>\$82.10</b>
3"	<b>FC3103ST35</b>	<b>128.25</b>
4"	<b>FC3104ST40</b>	<b>153.00</b>
6"	<b>FC3106ST60</b>	<b>295.00</b>
8"	<b>FC3108ST80</b>	<b>428.00</b>



Type B male with 150 ASA flange

Size	Galvanized Steel	
	Part #	Price/E
4"	<b>MC3134</b>	<b>\$228.00</b>
6"	<b>MC3136</b>	<b>403.50</b>
8"	<b>MC3138</b>	<b>735.25</b>
10"	<b>MC31310<sup>1</sup></b>	<b>1335.00</b>
12"	<b>MC31312<sup>1</sup></b>	<b>1646.20</b>



Type B female with 150 ASA flange with gasket

Size	Galvanized Steel	
	Part #	Price/E
4"	<b>FC3144</b>	<b>\$152.00</b>
6"	<b>FC3146</b>	<b>262.50</b>
8"	<b>FC3148</b>	<b>453.60</b>
10"	<b>FC31410</b>	<b>804.70</b>
12"	<b>FC31412</b>	<b>1040.25</b>

<sup>1</sup> 10" and 12" supplied with ACB304 lever assist bar



Type B male

Size	Unplated Steel	
	Part #	Price/E
2"	<b>3032</b>	<b>\$4.35</b>
3"	<b>3033</b>	<b>4.90</b>
4"	<b>3034</b>	<b>13.50</b>
6"	<b>3036</b>	<b>20.50</b>
8"	<b>3038</b>	<b>42.00</b>
10"	<b>30310</b>	<b>93.70</b>
12"	<b>30312</b>	<b>134.00</b>



Type B female with gasket

Size	Unplated Steel	
	Part #	Price/E
2"	<b>3022</b>	<b>\$5.90</b>
3"	<b>3023</b>	<b>6.85</b>
4"	<b>3024</b>	<b>17.10</b>
6"	<b>3026</b>	<b>36.10</b>
8"	<b>3028</b>	<b>69.25</b>
10"	<b>30210</b>	<b>163.75</b>
12"	<b>30212</b>	<b>230.70</b>

• Female and male fittings are commonly used for butt-welding to pipe.

## Quick Connect Fittings

(Bauer style)  
Type B

Type B male x female 90° elbow with gasket

Type B male x female 45° elbow with gasket

G

Size	Galvanized Steel	
	Part #	Price/E
4"	<b>EL3154-90</b>	\$211.00
6"	<b>EL3156-90</b>	399.60
8"	<b>EL3158-90</b>	691.00
10"	<b>EL31510-90</b> <sup>1</sup>	1340.25
12"	<b>EL31512-90</b> <sup>1</sup>	1687.00

<sup>1</sup> 10" and 12" supplied with ACB304 lever assist bar

Size	Galvanized Steel	
	Part #	Price/E
4"	<b>EL3154-45</b>	\$211.00
6"	<b>EL3156-45</b>	399.60
8"	<b>EL3158-45</b>	584.50
10"	<b>EL31510-45</b> <sup>1</sup>	1160.80
12"	<b>EL31512-45</b> <sup>1</sup>	1472.70

<sup>1</sup> 10" and 12" supplied with ACB304 lever assist bar

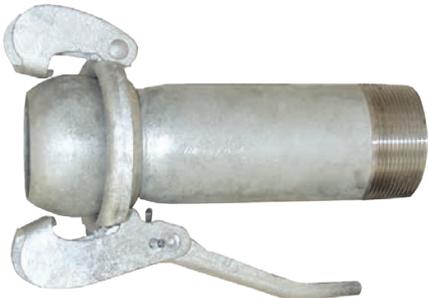
Type B female x male reducer with gasket

Type B female x male increaser with gasket

Female Size	Male Size	Galvanized Steel	
		Part #	Price/E
6"	4"	<b>FMR31864</b>	\$182.40
8"	6"	<b>FMR31886</b>	353.50
10"	8"	<b>FMR318108</b> <sup>1</sup>	686.30
12"	10"	<b>FMR3181210</b> <sup>1</sup>	1217.90

<sup>1</sup> 10" and 12" supplied with ACB304 lever assist bar

Female Size	Male Size	Galvanized Steel	
		Part #	Price/E
4"	6"	<b>FMI31946</b>	\$232.70
6"	8"	<b>FMI31968</b>	470.00
8"	10"	<b>FMI319810</b>	948.00
10"	12"	<b>FMI3191012</b> <sup>1</sup>	1280.00

<sup>1</sup> 10" and 12" supplied with ACB304 lever assist bar

Type B male with male NPT - extra long

Standard Strainer Square Hole Type

Size	Galvanized Steel	
	Part #	Price/E
2"	<b>MCM3112XL</b>	\$66.75
3"	<b>MCM3113XL</b>	102.60
4"	<b>MCM3114XL</b>	171.60
6"	<b>MCM3116XL</b>	326.50
8"	<b>MCM3118XL</b>	614.60

NPT Size	Zinc Plated Steel	
	Part #	Price/E
2"	<b>SHS25</b>	\$26.00
3"	<b>SHS35</b>	38.50
4"	<b>SHS40</b>	54.00
6"	<b>SHS60</b>	156.25
8"	<b>SHS80</b>	357.10

## Quick Connect Fittings

(Bauer style)

Type B



Type B male plug

Size	Galvanized Steel	
	Part #	Price/E
2"	<b>MP3232</b>	<b>\$39.00</b>
3"	<b>MP3233</b>	<b>60.75</b>
4"	<b>MP3234</b>	<b>105.50</b>
6"	<b>MP3236</b>	<b>190.10</b>
8"	<b>MP3238</b>	<b>350.75</b>
10"	<b>MP32310</b> <sup>1</sup>	<b>761.60</b>
12"	<b>MP32312</b> <sup>1</sup>	<b>944.80</b>



Type B female plug with gasket

Size	Galvanized Steel	
	Part #	Price/E
2"	<b>FP3082</b>	<b>\$16.70</b>
3"	<b>FP3083</b>	<b>18.90</b>
4"	<b>FP3084</b>	<b>35.50</b>
6"	<b>FP3086</b>	<b>81.25</b>
8"	<b>FP3088</b>	<b>129.25</b>
10"	<b>FP30810</b>	<b>326.25</b>
12"	<b>FP30812</b>	<b>450.75</b>

<sup>1</sup> 10" and 12" supplied with ACB304 lever assist bar

Type B lever ring

Size	Galvanized Steel	
	Part #	Price/E
2"	<b>LR3042</b>	<b>\$22.50</b>
3"	<b>LR3043</b>	<b>40.90</b>
4"	<b>LR3044</b>	<b>73.10</b>
6"	<b>LR3046</b>	<b>140.00</b>
8"	<b>LR3048</b>	<b>268.25</b>
10"	<b>LR30410</b>	<b>569.00</b>
12"	<b>LR30412</b>	<b>685.00</b>



Type B accessory

Size	Description	Galvanized Steel	
		Part #	Price/E
10" & 12"	lever assist bar for 10" and 12" Type B fittings	<b>ACB304</b>	<b>\$41.75</b>



Type B gaskets

Size	Rubber		EPDM	
	Part #	Price/E	Part #	Price/E
2"	<b>RG3052</b>	<b>\$1.15</b>	<b>RG3062</b>	<b>\$4.55</b>
3"	<b>RG3053</b>	<b>2.05</b>	<b>RG3063</b>	<b>6.35</b>
4"	<b>RG3054</b>	<b>5.20</b>	<b>RG3064</b>	<b>9.85</b>
6"	<b>RG3056</b>	<b>10.10</b>	<b>RG3066</b>	<b>20.75</b>
8"	<b>RG3058</b>	<b>23.00</b>	<b>RG3068</b>	<b>38.00</b>
10"	<b>RG30510</b>	<b>33.75</b>	<b>RG30610</b>	<b>47.50</b>
12"	<b>RG30512</b>	<b>51.25</b>	<b>RG30612</b>	<b>60.50</b>



2" - 8"



10" - 12"

Type B safety clips

Size	Galvanized Steel	
	Part #	Price/E
2"	<b>SP59</b>	<b>\$8.55</b>
3"	<b>SP76</b>	<b>8.95</b>
4"	<b>SP89</b>	<b>9.70</b>
6"	<b>SP159</b>	<b>10.00</b>
8"	<b>SP159</b>	<b>10.00</b>
10"	<b>SP390</b>	<b>13.10</b>
12"	<b>SP390</b>	<b>13.10</b>

## Quick Connect Fittings

(Agri-Lock style)

Type A



10" pictured

## Type A female with hose shank with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	<b>FC21210</b>	<b>\$346.25</b>
12"	<b>FC21212</b> <sup>1</sup>	<b>630.00</b>

<sup>1</sup> 12" supplied with M20412 lever assist bar found on page 311

## Features:

- Dixon™ combination nipple style hose shank machined from Schedule 40 pipe
- recommended for use with steel King Crimp™ sleeves
- all components are galvanized



## Type A male with hose shank

Size	Galvanized Steel	
	Part #	Price/E
10"	<b>MC21110</b>	<b>\$352.80</b>
12"	<b>MC21112</b>	<b>551.50</b>



12" pictured

## Type A female with hose shank with gasket

Size	Part #	Steel	Price/E
10"	<b>FC21210ST100</b>		<b>\$779.00</b>
12"	<b>FC21212ST120</b> <sup>1</sup>		<b>1075.00</b>

<sup>1</sup> 12" supplied with M20412 lever assist bar found on page 311

## Type A male with hose shank

Size	Part #	Steel	Price/E
10"	<b>MC21110ST100</b>		<b>\$765.00</b>
12"	<b>MC21112ST120</b>		<b>877.00</b>



12" pictured

## Type A female with 150 ASA flange with gasket

Size	Galvanized Steel	
	Part #	Price/E
10"	<b>FC22310</b>	<b>\$875.50</b>
12"	<b>FC22312</b> <sup>1</sup>	<b>1257.00</b>

<sup>1</sup> 12" supplied with M20412 lever assist bar found on page 311

## Type A male with 150 ASA flange

Size	Galvanized Steel	
	Part #	Price/E
10"	<b>MC22210</b>	<b>\$891.25</b>
12"	<b>MC22212</b>	<b>1216.80</b>

# Quick Connect Fittings

(Agri-Lock style)

Type A



12" pictured

**Type A female - for welding to pipe**

Size	Unplated Steel	
	Part #	Price/E
10"	<b>20410</b>	<b>\$143.00</b>
12"	<b>20412</b>	<b>300.00</b>



**Type A male - with ring for welding**

Size	Unplated Steel	
	Part #	Price/E
10"	<b>21010</b>	<b>\$132.00</b>
12"	<b>21012</b>	<b>235.80</b>



12" pictured

**Type A male x female 90° elbow with gasket**

Size	Galvanized Steel	
	Part #	Price/E
10"	<b>EL21510-90</b>	<b>\$806.25</b>
12"	<b>EL21512-90<sup>1</sup></b>	<b>1265.75</b>

<sup>1</sup> 12" supplied with M20412 lever assist bar



10" pictured

**Type A female plug with gasket**

Size	Galvanized Steel	
	Part #	Price/E
10"	<b>FP20910</b>	<b>\$295.50</b>
12"	<b>FP20912<sup>1</sup></b>	<b>628.10</b>

<sup>1</sup> 12" supplied with M20412 lever assist bar



**Type A male plug with ring**

Size	Galvanized Steel	
	Part #	Price/E
10"	<b>MP21010</b>	<b>\$267.50</b>
12"	<b>MP21012</b>	<b>479.00</b>



**Type A gaskets**

Size	Rubber		EPDM	
	Part #	Price/E	Part #	Price/E
10"	<b>RG20510</b>	<b>\$26.25</b>	<b>RG20610</b>	<b>\$58.50</b>
12"	<b>RG20512</b>	<b>29.50</b>	<b>RG20612</b>	<b>66.50</b>



**Type A accessories**

Size	Description	Galvanized Steel	
		Part #	Price/E
12"	assist bar for Type A 12" fittings	<b>M20412</b>	<b>\$16.75</b>
12"	safety pin for 12" fittings	<b>SP290</b>	<b>14.50</b>



## Cast Iron Threaded Foot Valves



- **must** be installed in the *vertical position*
- for water service *only*
- not for compressed air or other compressible gases



complete assembly threaded



strainer



flapper assembly



valve



seat plate

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"	<b>DFVS20</b>	\$32.55	<b>FVS20</b>	\$6.90	<b>FVFA20</b>	\$14.80	<b>FVL20</b>	\$6.65	<b>FVSP20</b>	\$6.35
2"	<b>DFVS25</b>	52.85	<b>FVS25</b>	10.60	<b>FVFA25</b>	17.80	<b>FVL25</b>	10.60	<b>FVSP25</b>	5.30
2½"	<b>DFVS30</b>	61.10	<b>FVS30</b>	20.95	<b>FVFA30</b>	22.30	<b>FVL30</b>	13.00	<b>FVSP30</b>	9.55
3"	<b>DFVS35</b>	77.70	<b>FVS35</b>	21.20	<b>FVFA35</b>	23.80	<b>FVL35</b>	19.65	<b>FVSP35</b>	15.20
4"	<b>DFVS40</b>	142.00	<b>FVS40</b>	28.80	<b>FVFA40</b>	35.00	<b>FVL40</b>	30.75	<b>FVSP40</b>	16.70
6"	<b>DFVS60</b>	339.95	<b>FVS60</b>	68.90	<b>FVFA60</b>	85.90	<b>FVL60</b>	65.75	<b>FVSP60</b>	36.10
8"	<b>DFVS80</b>	706.15	<b>FVS80</b>	189.35	<b>FVFA80</b>	187.80	<b>FVL80</b>	124.05	<b>FVSP80</b>	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"	<b>RHS20</b>	\$26.00	<b>RRHS20</b>	\$286.25	<b>SHS20</b>	\$26.00	<b>RSS20</b>	\$22.90	<b>DSB20</b>	\$68.00	<b>DST20</b>	\$68.00
2"	<b>RHS25</b>	26.00	<b>RRHS25</b>	286.25	<b>SHS25</b>	26.00	<b>RSS25</b>	24.20	<b>DSB25</b>	76.00	<b>DST25</b>	76.00
2½"	<b>RHS30</b>	33.25	---	---	<b>SHS30</b>	36.20	---	---	---	---	---	---
3"	<b>RHS35</b>	38.50	<b>RRHS35</b>	400.00	<b>SHS35</b>	38.50	<b>RSS35</b>	36.70	<b>DSB35</b>	169.50	<b>DST35</b>	169.50
4"	<b>RHS40</b>	54.00	<b>RRHS40</b>	495.00	<b>SHS40</b>	54.00	<b>RSS40</b>	50.20	---	---	---	---
5"	---	---	---	---	---	---	---	---	---	---	---	---
6"	<b>RHS60</b>	156.25	<b>RRHS60</b>	1227.30	<b>SHS60</b>	156.25	---	---	---	---	---	---
8"	<b>RHS80</b>	357.10	<b>RRHS80</b>	2710.95	<b>SHS80</b>	357.10	---	---	---	---	---	---
10"	<b>RHS100</b>	655.00	---	---	<b>SHS100</b>	655.00	---	---	---	---	---	---
12"	<b>RHS120</b>	1191.00	---	---	<b>SHS120</b>	1191.00	---	---	---	---	---	---

## Witches Hat Strainers & Gaskets

**Features:**

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



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

## Polyethylene Strainers

NPT Size	Black Polyethylene	
	Part #	Price/E
1½"	<b>TSS20</b>	<b>\$12.70</b>
2"	<b>TSS25</b>	<b>12.70</b>
3"	<b>TSS35</b>	<b>27.10</b>



## 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"	<b>65055611WP2</b>	<b>\$2.50</b>	10
¼"	¼"	<b>65055614WP2</b>	<b>2.90</b>	10
⅜"	¼"	<b>65056014WP2</b>	<b>4.25</b>	10
⅜"	⅜"	<b>65056018WP2</b>	<b>4.85</b>	10
½"	⅜"	<b>65056218WP2</b>	<b>6.70</b>	5
½"	½"	<b>65056222WP2</b>	<b>7.20</b>	5

## Faucet Connectors



tube to female UNS

Tube OD	Female UNS	Nylon Part #	Price/E	Pkg Qty
¼"	7/16-24	<b>632556133WP2</b>	<b>\$4.90</b>	10
⅜"	7/16-24	<b>632560133WP2</b>	<b>5.50</b>	10

## Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
¼"	¼"	<b>63155614WP2</b>	<b>\$6.00</b>	10
⅜"	⅜"	<b>63156018WP2</b>	<b>6.90</b>	10

## Fixed Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
¼"	⅛"	<b>65795611WP2</b>	<b>\$3.90</b>	10
¼"	¼"	<b>65795614WP2</b>	<b>4.40</b>	10
¼"	⅜"	<b>65795618WP2</b>	<b>5.20</b>	10
⅜"	¼"	<b>65796014WP2</b>	<b>5.75</b>	10
⅜"	⅜"	<b>65796018WP2</b>	<b>5.90</b>	10

## LIQUIfit™ Fittings

## Union Elbows



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	<a href="#">63025600WP2</a>	<b>\$4.05</b>	10
3/8"	<a href="#">63026000WP2</a>	<b>6.30</b>	10
1/2"	<a href="#">63026200WP2</a>	<b>7.65</b>	5

## Union Tees



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	<a href="#">63045600WP2</a>	<b>\$5.25</b>	10
3/8"	<a href="#">63046000WP2</a>	<b>6.70</b>	10
1/2"	<a href="#">63046200WP2</a>	<b>8.15</b>	5

## Union Connectors



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<a href="#">63065600WP2</a>	<b>\$3.70</b>	10
1/4"	3/8"	<a href="#">63065660WP2</a>	<b>5.05</b>	10
3/8"	3/8"	<a href="#">63066000WP2</a>	<b>5.05</b>	10
3/8"	1/2"	<a href="#">63066062WP2</a>	<b>6.95</b>	5
1/2"	1/2"	<a href="#">63066200WP2</a>	<b>5.85</b>	5

## Unequal Union Tee



tube to tube

Branch Tube OD 1	Run Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	3/8"	<a href="#">63046056WP2</a>	<b>\$8.25</b>	10

## Bulkhead Unions



tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	<a href="#">63165600WP2</a>	<b>\$6.90</b>	10
3/8"	<a href="#">63166000WP2</a>	<b>9.05</b>	10
1/2"	<a href="#">63166200WP2</a>	<b>12.10</b>	5

## Union Y Connectors



tube to tube to tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	<a href="#">63405600WP2</a>	<b>\$5.90</b>	10
3/8"	<a href="#">63406000WP2</a>	<b>6.85</b>	10
1/2"	<a href="#">63406200WP2</a>	<b>11.60</b>	5

G

## LIQUIfit™ Fittings

## Swivel Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>65095611WP2</b>	<b>\$6.30</b>	10
1/4"	1/4"	<b>65095614WP2</b>	<b>6.30</b>	10
1/4"	3/8"	<b>65095618WP2</b>	<b>6.80</b>	10
3/8"	1/4"	<b>65096014WP2</b>	<b>8.65</b>	10
3/8"	3/8"	<b>65096018WP2</b>	<b>9.55</b>	10
1/2"	3/8"	<b>65096218WP2</b>	<b>12.35</b>	4
1/2"	1/2"	<b>65096222WP2</b>	<b>12.10</b>	4

## Stem Adapters



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>65215614WP2</b>	<b>\$1.40</b>	10
1/4"	3/8"	<b>65215618WP2</b>	<b>2.05</b>	10
3/8"	1/4"	<b>65216014WP2</b>	<b>1.75</b>	10
3/8"	3/8"	<b>65216018WP2</b>	<b>2.20</b>	10
1/2"	3/8"	<b>65216218WP2</b>	<b>3.35</b>	5
1/2"	1/2"	<b>65216222WP2</b>	<b>3.35</b>	5

## End Stops



tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	<b>63515600WP2</b>	<b>\$2.65</b>	10
3/8"	<b>63516000WP2</b>	<b>3.15</b>	10

## Swivel Branch Tees



tube to tube x male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>65085611WP2</b>	<b>\$7.45</b>	10
1/4"	1/4"	<b>65085614WP2</b>	<b>7.45</b>	10
1/4"	3/8"	<b>65085618WP2</b>	<b>7.95</b>	10
3/8"	1/4"	<b>65086014WP2</b>	<b>9.50</b>	10
3/8"	3/8"	<b>65086018WP2</b>	<b>9.95</b>	10

## Swivel Male Run Tees



tube to male NPTF x tube

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>65035611WP2</b>	<b>\$7.45</b>	10
1/4"	1/4"	<b>65035614WP2</b>	<b>7.45</b>	10
1/4"	3/8"	<b>65035618WP2</b>	<b>7.95</b>	10
3/8"	1/4"	<b>65036014WP2</b>	<b>9.50</b>	10
3/8"	3/8"	<b>65036018WP2</b>	<b>9.65</b>	10

## Plugs



tube

Tube OD	Nylon Part #	Price/E	Pkg Qty
1/4"	<b>63265600WP2</b>	<b>\$1.10</b>	10
3/8"	<b>63266000WP2</b>	<b>1.75</b>	10
1/2"	<b>63266200WP2</b>	<b>2.55</b>	5

**LIQUIfit™** Fittings

## Hose Stems



tube to hose stem

Tube OD	Stem	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>63225656WP2</b>	<b>\$2.35</b>	10
3/8"	1/4"	<b>63226056WP2</b>	<b>3.20</b>	10
3/8"	5/16"	<b>63226008WP2</b>	<b>3.50</b>	10
3/8"	3/8"	<b>63226060WP2</b>	<b>3.70</b>	10
1/2"	3/8"	<b>63226260WP2</b>	<b>4.00</b>	10

## Plug-in Reducers



tube to plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	5/16"	<b>63665608WP2</b>	<b>\$3.55</b>	10
1/4"	3/8"	<b>63665660WP2</b>	<b>4.20</b>	10
3/8"	1/2"	<b>63666062WP2</b>	<b>7.60</b>	5

## Plug-in Elbows



tube to plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>63825600WP2</b>	<b>\$3.80</b>	10
3/8"	3/8"	<b>63826000WP2</b>	<b>6.40</b>	10
1/2"	1/2"	<b>63826200WP2</b>	<b>7.60</b>	5

## Plug-in Tees



tube to tube x plug-in

Tube OD	Plug-in	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>63885600WP2</b>	<b>\$5.60</b>	10
3/8"	3/8"	<b>63886000WP2</b>	<b>8.85</b>	10
1/2"	1/2"	<b>63886200WP2</b>	<b>10.70</b>	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

## Valve Male Elbows



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>PP4VME4-MG</b>	<b>\$14.55</b>	10
1/4"	3/8"	<b>PP4VME6-MG</b>	<b>19.00</b>	10
1/4"	1/2"	<b>PP4VME8-MG</b>	<b>23.20</b>	10
3/8"	1/4"	<b>PP6VME4-MG</b>	<b>14.25</b>	10
3/8"	3/8"	<b>PP6VME6-MG</b>	<b>17.15</b>	10
3/8"	1/2"	<b>PP6VME8-MG</b>	<b>24.05</b>	10

**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 Female Elbows



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>PP4VFE4-MG</b>	<b>\$14.90</b>	10
1/4"	3/8"	<b>PP4VFE6-MG</b>	<b>17.15</b>	10
3/8"	1/4"	<b>PP6VFE4-MG</b>	<b>15.85</b>	10
3/8"	3/8"	<b>PP6VFE6-MG</b>	<b>14.25</b>	10

## TrueSeal™ Ball Valves

## Valve Male Connectors



tube to male NPTF

Tube OD	Male NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>PP4VMC4-MG</b>	<b>\$13.75</b>	10
1/4"	3/8"	<b>PP4VMC6-MG</b>	<b>17.60</b>	10
3/8"	1/4"	<b>PP6VMC4-MG</b>	<b>14.15</b>	10
3/8"	3/8"	<b>PP6VMC6-MG</b>	<b>14.20</b>	10

## Valve Union Connectors



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>PP4VUC4-MG</b>	<b>\$13.15</b>	10
3/8"	1/4"	<b>PP4VUC6-MG</b>	<b>16.45</b>	10
3/8"	3/8"	<b>PP6VUC6-MG</b>	<b>14.70</b>	10

## Valve Plug-in Elbow Unions



tube to plug-in

Tube OD	Stem	Nylon Part #	Price/E	Pkg Qty
1/4"	3/8"	<b>PP4VTEU6-MG</b>	<b>\$18.65</b>	10
3/8"	3/8"	<b>PP6VTEU6-MG</b>	<b>20.75</b>	10

## Valve Female Connectors



tube to female NPTF

Tube OD	Female NPTF	Nylon Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>PP4VFC2-MG</b>	<b>\$17.45</b>	10
1/4"	1/4"	<b>PP4VFC4-MG</b>	<b>16.75</b>	10
1/4"	3/8"	<b>PP4VFC6-MG</b>	<b>16.75</b>	10
3/8"	1/8"	<b>PP6VFC2-MG</b>	<b>18.05</b>	10
3/8"	1/4"	<b>PP6VFC4-MG</b>	<b>17.35</b>	10
3/8"	3/8"	<b>PP6VFC6-MG</b>	<b>17.35</b>	10

## Valve Elbow Unions



tube to tube

Tube OD 1	Tube OD 2	Nylon Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>PP4VEU4-MG</b>	<b>\$21.10</b>	10
1/4"	3/8"	<b>PP4VEU6-MG</b>	<b>20.35</b>	10
3/8"	1/4"	<b>PP6VEU4-MG</b>	<b>19.60</b>	10
3/8"	3/8"	<b>PP6VEU6-MG</b>	<b>18.65</b>	10

## 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

## TrueSeal™ Check Valves



tube to tube

Tube OD	Acetal Part #	Price/E	Pkg Qty
1/4"	<b>A4VC4-MG</b>	<b>\$23.00</b>	25
3/8"	<b>A6VC6-MG</b>	<b>26.95</b>	25

## Sharkbite® Push to Connect 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"	<b>U008</b>	<b>\$19.10</b>
3/4" x 3/4"	<b>U016</b>	<b>22.75</b>
1" x 1"	<b>U020</b>	<b>48.00</b>

## Reducing Couplings



Tube Size	Forged Brass	
	Part #	Price/E
3/4" x 1/2"	<b>U058</b>	<b>\$22.75</b>
1" x 3/4"	<b>U060</b>	<b>52.50</b>

## Straight Connectors



Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	<b>U072</b>	<b>\$15.25</b>
3/4"	3/4"	<b>U088</b>	<b>18.20</b>
1"	1"	<b>U094</b>	<b>38.25</b>



Tube Size	Male NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	<b>U120</b>	<b>\$15.25</b>
3/4"	3/4"	<b>U134</b>	<b>18.20</b>
1"	1"	<b>U140</b>	<b>38.25</b>

## Reducing Connectors



Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	3/4"	<b>U068</b>	<b>\$18.20</b>



Tube Size	Male NPT	Forged Brass	
		Part #	Price/E
1/2"	3/4"	<b>U116</b>	<b>\$18.20</b>

## Sharkbite® Push to Connect Fittings

## Elbows

Tube Size	Forged Brass	
	Part #	Price/E
1/2" x 1/2"	<b>U248</b>	<b>\$21.00</b>
3/4" x 3/4"	<b>U256</b>	<b>25.50</b>
1" x 1"	<b>U260</b>	<b>52.50</b>



## Drop Ear Elbow

Tube Size	Female NPT	Forged Brass	
		Part #	Price/E
1/2"	1/2"	<b>U334</b>	<b>\$21.00</b>



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## Tees

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	<b>U362</b>	<b>\$29.00</b>
3/4"	<b>U370</b>	<b>34.50</b>



## Reducing Tee

Tube Size (2)	Tube Size	Forged Brass	
		Part #	Price/E
3/4"	1/2"	<b>U412</b>	<b>\$34.50</b>



## End Stops

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	<b>U514</b>	<b>\$17.25</b>
3/4"	<b>U518</b>	<b>21.00</b>
1"	<b>U520</b>	<b>43.25</b>



## Slip Couplings

- Applications:**
- for use with copper pipe only

Tube Size	Forged Brass	
	Part #	Price/E
1/2"	<b>U3008</b>	<b>\$38.25</b>
3/4"	<b>U3016</b>	<b>45.50</b>



## Disconnect Clips

Size	ABS Plastic	
	Part #	Price/E
1/2"	<b>U710</b>	<b>\$4.50</b>
3/4"	<b>U712</b>	<b>4.50</b>
1"	<b>U714</b>	<b>4.85</b>



## 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 (globe style)
- 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
<b>SWDS</b>	<b>\$3633.95</b>

### Pressure Requirements

Steam Pressure		Water Pressure	
Minimum	Maximum	Minimum	Maximum
<b>80 PSI</b>	<b>90 PSI</b>	<b>50 PSI</b>	<b>80 PSI</b>

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## 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
<b>WDS1</b>	<b>\$1283.70</b>

## 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
<b>WDSR</b>	<b>\$211.20</b>

## Hot Water Washdown Hose



### Features:

- smooth extruded Chlorobutyl tube
- white, wrapped Hypalon 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'	<b>SWDSHOSE25</b>	<b>\$794.05</b>
5/8" x 50'	<b>SWDSHOSE50</b>	<b>1340.95</b>

## Hot Water Washdown Spray Nozzles

### Applications:

- for low pressure cleaning, tank and drum cleaning and chemical manufacturing

### Features:

- designed for operator comfort
- variable spray pattern from conical spray to solid stream
- 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	<b>BWSG</b>	\$269.40	<b>AWSG</b>	\$288.75
white	<b>BWSG-W</b>	295.95	<b>AWSG-W</b>	309.05

## Swivel Connectors for Washdown Spray Guns

### Ball Type Swivel x Hose Shank

#### Features:

- 300 series stainless steel swivel connector for stainless spray nozzles
- 360° ball type swivel adapter helps prevent hose kinking

NPT	Hose ID	Part #	Price/E
½"	½"	<b>SSA44</b>	\$212.60
½"	⅝"	<b>SSA54</b>	212.60
½"	¾"	<b>SSA64</b>	212.60



### Straight Swivel x Hose Shank

#### Features:

- swivel body
- EPDM gasket

NPT	Hose ID	Brass		Stainless Steel	
		Part #	Price/E	Part #	Price/E
½"	½"	<b>BNS44</b>	\$61.90	<b>BNS44SS</b>	\$81.40
½"	¾"	<b>BNS64</b>	61.90	<b>BNS64SS</b>	110.45



### Straight Swivel x GHT Thread

NPT	Female GHT	Brass Part #	Price/E
½"	¾"	<b>BMAS974</b>	\$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 electroless 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
<b>AWSG-TG</b>	\$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
<b>DM150SDB</b>	<b>\$212.00</b>

## 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
- can be used with **D150S-WAND**
- rated to **150 PSI / 200°F**
- **9.6 GPM** flow capacity at **100 PSIG**



*Stainless*

Part #	Price/E
<b>D150SDB</b>	<b>\$402.00</b>

## 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
<b>D150S-WAND</b>	<b>\$432.00</b>

## 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**
- **12.5 GPM** flow capacity
- ½" female NPT inlet
- black cover



*Bronze*

Part #	Price/E
<b>BWSG-TI</b>	<b>\$427.75</b>

## 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**
- maximum flow: **12.5 GPM** at **150 PSI**
- ½" female NPT inlet
- maximum temperature: **200°F**



#### 300 Series Stainless Steel

Part #	Price/E
<b>300SSSG</b>	<b>\$661.30</b>

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## 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
<b>DWG050</b>	<b>\$195.00</b>

## 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	<b>STFC2</b>	<b>\$8.37</b>	12
3/8"	3/8" - 18	4500	brass	<b>STFC3</b>	<b>10.33</b>	12
1/2"	1/2" - 14	3500	brass	<b>STFC4</b>	<b>14.91</b>	12
3/4"	3/4" - 14	3100	brass	<b>STFC6</b>	<b>28.69</b>	12
1"	1" - 11 1/2	2500	brass	<b>STFC8</b>	<b>41.30</b>	1
1 1/4"	1 1/4" - 11 1/2	2500	brass	<b>STFC10</b>	<b>111.56</b>	1
1 1/2"	1 1/2" - 11 1/2	2500	brass	<b>STFC12</b>	<b>152.90</b>	1
2"	2" - 11 1/2	2500	brass	<b>STFC16</b>	<b>210.64</b>	1
1/4"	1/4" - 18	6700	303 stainless	<b>STFC2SS</b>	<b>55.25</b>	5
3/8"	3/8" - 18	5500	303 stainless	<b>STFC3SS</b>	<b>80.50</b>	5
1/2"	1/2" - 14	3000	303 stainless	<b>STFC4SS</b>	<b>94.00</b>	5
3/4"	3/4" - 14	3000	303 stainless	<b>STFC6SS</b>	<b>161.25</b>	5
1"	1" - 11 1/2	1700	303 stainless	<b>STFC8SS</b>	<b>218.00</b>	5
1 1/4"	1 1/4" - 11 1/2	2000	303 stainless	<b>10EF10-S</b>	<b>294.22</b>	10
1 1/2"	1 1/2" - 11 1/2	2000	303 stainless	<b>12EF12-S</b>	<b>426.11</b>	5
2"	2" - 11 1/2	2000	303 stainless	<b>16EF16-S</b>	<b>507.29</b>	1



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### Male Couplers

Body Size	NPTF Thread	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5500	brass	<b>STMC2</b>	<b>\$8.37</b>	12
3/8"	3/8" - 18	4500	brass	<b>STMC3</b>	<b>10.33</b>	12
1/2"	1/2" - 14	3500	brass	<b>STMC4</b>	<b>14.91</b>	12
3/4"	3/4" - 14	3100	brass	<b>STMC6</b>	<b>28.69</b>	12
1"	1" - 11 1/2	2500	brass	<b>STMC8</b>	<b>41.30</b>	1
1 1/4"	1 1/4" - 11 1/2	2500	brass	<b>STMC10</b>	<b>111.56</b>	10
1 1/2"	1 1/2" - 11 1/2	2500	brass	<b>STMC12</b>	<b>152.90</b>	5
2"	2" - 11 1/2	2500	brass	<b>STMC16</b>	<b>210.64</b>	1
1/4"	1/4" - 18	6700	303 stainless	<b>STMC2SS</b>	<b>57.10</b>	5
3/8"	3/8" - 18	5500	303 stainless	<b>STMC3SS</b>	<b>72.00</b>	5
1/2"	1/2" - 14	3000	303 stainless	<b>STMC4SS</b>	<b>99.00</b>	5
3/4"	3/4" - 14	3000	303 stainless	<b>STMC6SS</b>	<b>172.50</b>	5
1"	1" - 11 1/2	1700	303 stainless	<b>STMC8SS</b>	<b>291.25</b>	5



### Standard Hose Barb Couplers <sup>1</sup>

Body Size	Hose ID	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4"	5200	brass	<b>2ES2-B</b>	<b>\$12.45</b>	100
3/8"	3/8"	2800	brass	<b>3ES3-B</b>	<b>13.77</b>	50
1/2"	1/2"	2200	brass	<b>4ES4-B</b>	<b>22.37</b>	25
3/4"	3/4"	1700	brass	<b>6ES6-B</b>	<b>34.42</b>	20
1"	1"	1700	brass	<b>8ES8-B</b>	<b>47.04</b>	10



<sup>1</sup> 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 850
- 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	14.17	12
1"	1" - 11 1/2	2500	steel	STFP8	26.56	1
1 1/4"	1 1/4" - 11 1/2	2500	steel	STFP10	61.96	1
1 1/2"	1 1/2" - 11 1/2	2500	steel	STFP12	99.61	1
2"	2" - 11 1/2	2500	steel	STFP16	127.41	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	54.02	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	119.30	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	243.24	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	14.17	12
1"	1" - 11 1/2	2500	steel	STMP8	26.56	1
1 1/4"	1 1/4" - 11 1/2	2500	steel	STMP10	69.49	1
1 1/2"	1 1/2" - 11 1/2	2500	steel	STMP12	99.61	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	61.90	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 <sup>1</sup>

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	6.31	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	34.42	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



<sup>1</sup> 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. In if 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
<b>HPSG</b>	<b>5075</b>	12.0	<b>\$81.40</b>
<b>HPSGW</b>	<b>5000</b>	10.6	<b>94.05</b>

H

**Features:**

- 3/8" female inlet
- 1/4" female outlet
- **8 GPM**
- working pressure: **3700 PSI**
- maximum temperature to **320°F**

Part #	Price/E
<b>HPSGC</b>	<b>\$62.80</b>

**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
<b>HPSGHD</b>	<b>\$103.75</b>

**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
<b>AL9</b>	<b>\$73.00</b>

**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
<b>BIT-KIT</b>	<b>\$188.00</b>

# 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
<b>AL248</b>	<i>zinc</i> , 22 mm x 14 mm male inlet x 1/4" male outlet	24"	<b>\$26.00</b>

## 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. 329)
- 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
<b>AL333</b>	<i>zinc</i> , 1/4" male inlet 2 each 1/4" female outlets	40"	<b>3,650</b>	<b>\$136.50</b>
<b>AL344</b>	<i>stainless steel</i> , 1/4" male inlet, 2 each 1/4" female outlets	40"	<b>4,000</b>	<b>186.15</b>

## 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 &amp; AL326

Part #	Description	Length	Price/E
<b>AL323XX</b>	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet	24"	<b>\$21.55</b>
<b>AL324XX</b>	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 4" space from the end	36"	<b>25.05</b>
<b>AL325XX</b>	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 2 grips	48"	<b>43.75</b>
<b>AL326XX</b>	<i>zinc</i> , 1/4" male inlet x 1/4" male outlet, 2 grips	59"	<b>48.70</b>

## 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
<b>AL361</b>	<i>zinc</i> , 1/4" male inlet x 1/4" female outlet, straight	36"	<b>\$49.90</b>
<b>AL362</b>	<i>zinc</i> , 1/4" male inlet x 1/4" female outlet, bent	48"	<b>75.00</b>

## 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
<b>ARTEL18A</b>	aluminum telescoping lance	6' - 18'	<b>\$553.70</b>

## Telescoping Lance Belt



**Feature:**

- adjusts to fit a 33" to 58" waist

Part #	Description	Price/E
<b>ARTEL-BELT</b>	Nylon telescoping lance belt	<b>\$56.60</b>

## Quick Couplings and Plugs Swiveling Couplings

**Features:**

- 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
<b>AL450</b> <sup>1</sup>	swiveling quick coupling	<b>\$16.40</b>



1/4" male x 22 mm x 1.5 mm swivel		
Part #	Description	Price/E
<b>AL451</b> <sup>2</sup>	swiveling quick coupling	<b>\$16.40</b>



3/8" female x 22 mm x 1.5 mm swivel		
Part #	Description	Price/E
<b>AL453</b> <sup>1</sup>	swiveling quick coupling	<b>\$19.35</b>



3/8" female x female swivel		
Part #	Description	Price/E
<b>AL462</b> <sup>2</sup>	swiveling quick coupling	<b>\$31.60</b>

<sup>1</sup> for use with **AL456** only

<sup>2</sup> for use with **AL464** only

**Features:**

- working pressure: **3650 PSI**
- **7.8 GPM**
- maximum temperature: **300°F**

## Fixed Plugs



1/4" female x 22 mm x 1.5 mm male		
Part #	Description	Price/E
<b>AL454</b> <sup>1</sup>	fixed quick coupling plug	<b>\$11.75</b>



1/4" male x 22 mm x 1.5 mm male		
Part #	Description	Price/E
<b>AL455F</b> <sup>2</sup>	fixed quick coupling plug	<b>\$11.75</b>



3/8" female x 22 mm x 1.5 mm male		
Part #	Description	Price/E
<b>AL456</b> <sup>1</sup>	fixed quick coupling plug	<b>\$15.10</b>



3/8" female x male plug		
Part #	Description	Price/E
<b>AL464</b> <sup>2</sup>	fixed quick coupling plug	<b>\$17.60</b>

<sup>1</sup> for use with **AL453** and **AL9**

<sup>2</sup> for use with **AL462** only

## Injector Nozzles

**Features:**

- designed to inject cleaning solutions into high pressure discharge lines
- 3/8" male inlet and outlet
- maximum working pressure: **4000 PSI**



AL477

Part #	Description	Orifice	Flow (GPM)	Price/E
<b>AL472</b>	adjustable, green	1.8 mm	2 - 3	<b>\$52.85</b>
<b>AL477</b>	adjustable, red	2.1 mm	3 - 4	<b>53.26</b>
<b>AL478</b>	adjustable, blue	2.3 mm	4 - 5.5	<b>53.25</b>

## 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
<b>AR3000-A2</b>	aluminum line strainer	<b>\$38.20</b>

## Nozzles

### High Pressure Spray Soap Nozzles

Part #	Description	Price/E
<b>NZ4040S</b>	¼" male inlet, 40° spray angle, size #40	<b>\$10.80</b>
<b>NZ8040S</b>	¼" male inlet, 80° spray angle, size #40	<b>10.80</b>



### High Pressure Spray Nozzles

Part #	Description	Price/E
<b>NZ1504</b>	¼" male NPT inlet, 15° spray angle, size 4	<b>\$16.20</b>
<b>NZ2504</b>	¼" male NPT inlet, 25° spray angle, size 4	<b>16.20</b>
<b>NZ4004</b>	¼" male NPT inlet, 40° spray angle, size 4	<b>16.20</b>



### Quick Connect Soap Nozzle

**Feature:**

- use with ¼" couplers on page 324

Part #	Description	Price/E
<b>NZ6540QCS</b>	¼" straight through plug inlet, 65° spray angle, size #40	<b>\$15.20</b>



### Quick Connect Spray Nozzles

**Feature:**

- use with ¼" couplers on page 324

Part #	Description	Price/E
<b>MSP400</b>	¼" straight through plug inlet, 0° spray angle, size #4, red	<b>\$18.80</b>
<b>MSP415</b>	¼" straight through plug inlet, 15° spray angle, size #4, yellow	<b>16.50</b>
<b>MSP425</b>	¼" straight through plug inlet, 25° spray angle, size #4, green	<b>16.50</b>
<b>MSP440</b>	¼" straight through plug inlet, 40° spray angle, size #4, white	<b>16.50</b>



### Multi-Pack Quick Connect Nozzles

**Feature:**

- Multi-Pack includes all nozzles listed

Part #	Nozzle	Description	Price/E
<b>MSP4PAK</b>	NZ6540QCS	¼", 65° spray angle, size #40	<b>\$65.25</b>
	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	
<b>NZMQC5P-030</b>	<b>\$50.30</b>	3.0	1.34	1.50	1.84	2.12	2.37	2.60	2.81	3.00	3.35	
<b>NZMQC5P-035</b>	<b>50.30</b>	3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	
<b>NZMQC5P-040</b>	<b>50.30</b>	4.0	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.00	4.47	
<b>NZMQC5P-045</b>	<b>50.30</b>	4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	
<b>NZMQC5P-050</b>	<b>50.30</b>	5.0	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	
<b>NZMQC5P-055</b>	<b>50.30</b>	5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.50	6.15	
<b>NZMQC5P-065</b>	<b>50.30</b>	6.5	2.91	3.25	3.98	4.60	5.14	5.63	6.08	6.50	7.27	
<b>NZMQC5P-080</b>	<b>50.30</b>	8.0	3.58	4.00	4.90	5.66	6.32	6.93	7.48	8.00	8.94	



Part #	Price/E	Nozzle Size	GPM @ PSI									
			800	1000	1500	2000	2500	3000	3500	4000	5000	
<b>NZMMEG5P-035</b>	<b>\$52.50</b>	3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	
<b>NZMMEG5P-040</b>	<b>52.50</b>	4.0	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.00	4.47	
<b>NZMMEG5P-045</b>	<b>52.50</b>	4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	
<b>NZMMEG5P-050</b>	<b>52.50</b>	5.0	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	
<b>NZMMEG5P-055</b>	<b>52.50</b>	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
<b>AL-TPR25-30</b>	¼" female inlet, dk. green	1.30 mm	4.0	<b>3,625</b>	<b>\$186.00</b>
<b>AL-TPR25-50</b>	¼" female inlet, purple	1.50 mm	5.5 - 6.0	<b>3,625</b>	<b>186.00</b>
<b>AL-TPR25-70</b>	¼" female inlet, grey	1.70 mm	7.0 - 7.5	<b>3,625</b>	<b>186.00</b>
<b>AL-TPR35-30</b>	¼" female inlet, dk. green	1.30 mm	4.0	<b>5,075</b>	<b>282.00</b>
<b>AL-TPR35-50</b>	¼" female inlet, purple	1.50 mm	5.5	<b>5,075</b>	<b>282.00</b>
<b>AL-TPR35-70</b>	¼" female inlet, grey	1.70 mm	6.5	<b>5,075</b>	<b>282.00</b>

## Nozzle Holders

**Feature:**

- maximum temperature: **300°F**



AL414



AL416

Part #	Description	Flow (GPM)	Working PSI	Price/E
<b>AL414</b>	adjustable hi/low nozzle holder with nozzle protector, ¼" female inlet and outlet	<b>7.8</b>	<b>3,650</b>	<b>\$47.25</b>
<b>AL416</b>	change over nozzle, ¼" female inlet, 2 each ¼" female outlet	<b>8</b>	<b>2,900</b>	<b>64.50</b>

## 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
<b>AR3500</b>	stainless steel, inlet water filter	<b>8</b>	<b>5,000</b>	<b>\$38.20</b>

## Braided Rubber Hose



Part #	Pressure Rating (PSI)	Length	ID	Male Swivel Inlet	Male Swivel Outlet	Price/E
<b>AR503830SSP</b>	<b>4,000</b>	50'	¾"	¾"	¾"	<b>\$242.65</b>

## Hand Crank Hose Reel

**Features:**

- working PSI: **3,000 PSI**
- maximum temperature: **160°F**
- ¾" outlet, ¾" inlet
- includes jumper hose, mounting bracket and crank handle
- steel
- holds 100' of ¾" pressure hose



Part #	Price/E
<b>AR-REEL100</b>	<b>\$406.00</b>

## 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
<b>AL605</b>	yellow spring	8 GPM maximum	<b>2,320</b>	<b>\$172.50</b>
<b>AL606</b>	blue spring	8 GPM maximum	<b>3,650</b>	<b>172.50</b>
<b>AL607</b>	black spring	8 GPM maximum	<b>4,500</b>	<b>174.40</b>



### 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
<b>AR20831</b>	VR-35 unloader valve	9 GPM	<b>5,100</b>	<b>\$220.00</b>



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## Valves Thermal Relief Valve

### Features:

- operating PSI: **200 PSI**
- temperatures to **140°F**
- inlet:  $\frac{1}{2}$ " male

Part #	Price/E
<b>TPP140</b>	<b>\$22.70</b>



## 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
<b>AR5000-1</b>	<b>\$35.00</b>



## 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
<b>AL702</b>	<b>\$107.80</b>



## Water Broom

### Features:

- working PSI: **4,000 PSI**
- $\frac{1}{4}$ " quick connect plug
- stainless steel

Part #	Description	Length	Price/E
<b>AR-BROOM16</b>	4 nozzle broom	16"	<b>\$139.50</b>



## 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
<b>PWH25</b>	5/8" x 25'	<b>\$84.00</b>
<b>PWH50</b>	5/8" x 50'	<b>155.00</b>
<b>PWH100</b>	5/8" x 100'	<b>288.00</b>

## 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
<b>GGH50</b>	5/8" x 50'	<b>\$53.50</b>
<b>GGH75</b>	5/8" x 75'	<b>70.00</b>

## 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
<b>KRH50</b>	5/8" x 50'	<b>\$133.00</b>
<b>KRH75</b>	5/8" x 75'	<b>196.00</b>
<b>KRH100</b>	5/8" x 100'	<b>252.00</b>

## 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
<b>FGH25</b>	5/8" x 25'	<b>\$55.70</b>
<b>FGH50</b>	5/8" x 50'	<b>94.30</b>

## 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
<b>SGH25</b>	5/8" x 25'	<b>\$51.50</b>	5
<b>SGH50</b>	5/8" x 50'	<b>89.00</b>	5
<b>SGH75</b>	5/8" x 75'	<b>121.00</b>	3
<b>SGH100</b>	5/8" x 100'	<b>168.00</b>	3

H

## 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
<b>CWH50</b>	3/4" x 50'	<b>\$186.00</b>	3



### 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
<b>PGH50</b>	5/8" x 50'	<b>\$121.00</b>	5
<b>PGH100</b>	5/8" x 100'	<b>244.00</b>	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
<b>HWH50</b>	5/8" x 50'	<b>\$138.00</b>	5
<b>HWH50-75</b>	3/4" x 50'	<b>204.00</b>	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
<b>MCH50</b>	5/8" x 50'	<b>\$77.00</b>	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
<b>CCH50</b>	1" x 50'	<b>\$316.70</b>	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	<b>PNB75GHT</b>	<b>\$39.80</b>

### 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 **140°F**

Thread Size	Part #	Price/E
3/4" GHT	<b>SN75</b>	<b>\$23.50</b>

### 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	<b>CSN75</b>	<b>\$13.45</b>

### Brass Twist Nozzles

**Features:**

- brass
- maximum operating pressure **150 PSI** (water only)



Thread Size	Length	Part #	Price/E
3/4" GHT	4"	<b>BTN75</b>	<b>\$21.80</b>
3/4" GHT	4"	<b>500AN4</b> <sup>1</sup>	<b>13.05</b>
3/4" GHT	6"	<b>500-AN7</b> <sup>1</sup>	<b>37.98</b>

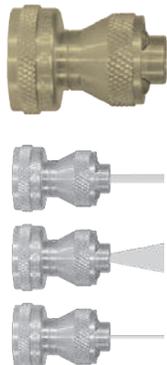
<sup>1</sup> imported product

### 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	<b>AAPN75GHT</b>	<b>\$24.00</b>



## Nozzles and Accessories

### Constant Flow Nozzle Displays

**Features:**

- shatterproof and UV resistant polycarbonate withstands 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	Color	Global Part #	Price/E
3/4" GHT	25.1	green	<b>FNB75GHT-GD</b>	<b>\$493.00</b>
3/4" GHT	25.1	clear	<b>CNB75GHT-GD</b>	<b>493.00</b>



### Constant Flow Nozzles with Bumper

**Feature:**

- can be used as a replacement nozzle in the display case GNB75GHT-GD



Thread	45° Spray GPM @ 100 PSI	Color	Plastic Part #	Price/E
3/4" GHT	8	green	<b>GNB75GHT</b> (domestic)	<b>\$26.20</b>
3/4" GHT	25.1	clear	<b>CNB75GHT</b> (global)	<b>21.20</b>



### 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	<b>FNB75GHT</b>	<b>\$40.80</b>

### Brass Sweeper Nozzle

Thread Size	Discharge	Length	Part #	Price/E
3/4" GHT	3/16"	2"	<b>PSN76</b>	<b>\$7.75</b>



### 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"	<b>BN6</b>	<b>\$41.75</b>

### Hydrant Adapter

Female NST	Male GHT	Cast Brass Part #	Price/E
2 1/2"	3/4"	<b>HA2576</b>	<b>\$29.35</b>



### Washers and Gaskets



TVW7



TRW7



TVS7-30



5911212W

Material	Description	Part #	Price/E	Opt Qty
red vinyl	GHT washer	<b>TVW7</b>	<b>\$0.10</b>	100
white rubber (Styrene Butadiene)	GHT washer	<b>TRW7</b>	<b>0.25</b>	100
FDA approved, black vinyl	garden hose screen gasket, 6050 mesh, 304 SS	<b>TVS7-30</b>	<b>0.82</b>	100
black 80 duro SBR	GHT washer	<b>5911212W</b>	<b>0.27</b>	100

Compression bibb faucets sold on pages 336 and 694.

## Garden Hose Accessories

### Standard Flow Fittings

#### Flexible Water Nozzle

**Features:**

- bends for water flow, shuts off when released
- 3/4" GHT



Part #	Price/E
<b>8005</b>	<b>\$41.15</b>

#### Radiator Bibb

**Features:**

- vinyl spout
- 1/4" female pipe thread connection



Part #	Price/E
<b>8013</b>	<b>\$30.20</b>

#### Garden Hose Gooseneck

**Features:**

- powder-coated zinc gooseneck connector angles hose away from hose bibb
- recommended usage: **100°F**
- working pressure: **60 PSI**



Part #	Price/E
<b>GHGN</b>	<b>\$14.10</b>

#### Straight GHT Valve

**Features:**

- powder-coated zinc shut-off valve
- maximum temperature: **160°F** (hot water)
- recommended usage: **100°F**
- working pressure: **60 PSI**



Part #	Price/E
<b>GHV</b>	<b>\$12.20</b>

#### GHT Twin Valve

**Features:**

- powder-coated zinc with twin shut-off valves
- maximum temperature: **160°F** (hot water)
- recommended usage: **100°F**
- working pressure: **60 PSI**



Part #	Price/E
<b>GHYV</b>	<b>\$17.10</b>

#### GHT Y

**Features:**

- powder-coated zinc with twin outlet
- includes one end cap
- maximum temperature: **160°F** (hot water)
- recommended usage: **100°F**
- working pressure: **60 PSI**



Part #	Price/E
<b>GHY</b>	<b>\$9.75</b>

#### GHT 4-Valve Manifold

**Features:**

- forged brass body, stainless steel balls, PTFE seats
- swivel inlet
- maximum temperature: **120°F**
- maximum operating pressure: **100 PSI**



Part #	Price/E
<b>500GH4VBK</b>	<b>\$63.72</b>

#### Back Flow Preventer

**Features:**

- brass bar stock
- maximum operating pressure: **125 PSI**

- temperature range: **33°F to 180°F**
- EPDM gasket
- stainless steel components



Part #	Price/E
<b>500BFP</b>	<b>\$25.73</b>

## 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"	<b>35-201-10</b>	<b>\$32.50</b>
3/4"	<b>35-202-10</b>	<b>32.50</b>

## 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	<b>M5834F</b>	<b>\$14.75</b>	<b>M5834M</b>	<b>\$13.10</b>	<b>M5834HM</b>	<b>\$20.50</b>



female



male



mender

H

## GHT Coupler and Adapter

Size	Glass Reinforced Nylon Part #	Price/E
3/4"	<b>75-AGH-NY</b>	<b>\$8.05</b>



male adapter x female GHT

Size	Glass Reinforced Nylon Part #	Price/E
3/4"	<b>75-BGH-NY</b>	<b>\$17.20</b>



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	<b>DGH7</b>	<b>\$14.64</b>
male plug	<b>DGH7P</b>	<b>4.64</b>
female coupler	<b>DGH7C</b>	<b>10.00</b>
seal	<b>DGHW7</b>	<b>0.77</b>
valved female coupler - water shutoff	<b>DGH7CV</b>	<b>14.20</b>
complete valved assembly	<b>DGH7V</b>	<b>18.84</b>



Description	303 Stainless Steel Part #	Price/E
complete assembly	<b>DGH7SS</b>	<b>\$83.60</b>
male plug	<b>DGH7PSS</b>	<b>26.05</b>
female coupler	<b>DGH7CSS</b>	<b>57.55</b>



## 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	<b>83304</b>	<b>\$54.35</b>
3/8"	valve only	<b>83306</b>	<b>55.40</b>
1/4"	valve with hook	<b>83304H</b>	<b>56.84</b>
3/8"	valve with hook	<b>83306H</b>	<b>57.75</b>

H

### Spray Valve Hose Assembly

Male NPT Inlet	Description	Part #	Price/E
3/8"	3/8" ID, 5' hose	<b>8320605</b>	<b>\$81.50</b>

## Short Shank GHT Fittings

use with washers on page 335

### complete GHT couplings <sup>1</sup>



round nut



hex nut

Hose Size	Brass			
	Part # (round nut)	Price/E	Part # (hex nut)	Price/E
1/2"	<b>BGH74</b>	<b>\$13.03</b>	<b>HNBGH74</b>	<b>\$13.10</b>
5/8"	<b>BGH75</b>	<b>13.40</b>	<b>HNBGH75</b>	<b>13.18</b>
3/4"	<b>BGH76</b>	<b>13.71</b>	<b>HNBGH76</b>	<b>13.53</b>

### female GHT couplings <sup>1</sup>



round nut



hex nut

Hose Size	Shank Length	Brass			
		Part # (round nut)	Price/E	Part # (hex nut)	Price/E
1/2"	1"	<b>BGHF74</b>	<b>\$6.65</b>	<b>HNBGHF74</b>	<b>\$6.62</b>
5/8"	1"	<b>BGHF75</b>	<b>6.92</b>	<b>HNBGHF75</b>	<b>6.70</b>
3/4"	1"	<b>BGHF76</b>	<b>7.23</b>	<b>HNBGHF76</b>	<b>7.05</b>

<sup>1</sup> washer included, part # **5911212W**

### male GHT couplings



Hose Size	Shank Length	Brass	
		Part #	Price/E
1/2"	1"	<b>BGHM74</b>	<b>\$6.48</b>
5/8"	1"	<b>BGHM75</b>	<b>6.48</b>
3/4"	1"	<b>BGHM76</b>	<b>6.48</b>

## Short Shank Fitting with Octagon Nut

complete couplings GHT

Hose Size	Shank Length	Aluminum	
		Part #	Price/E
3/8"	13/16"	<b>ABC73</b>	<b>\$6.20</b>
1/2"	13/16"	<b>ABC74</b>	<b>6.20</b>
5/8"	1-1/8"	<b>ABC75</b>	<b>6.20</b>
3/4"	1-1/8"	<b>ABC76</b>	<b>6.20</b>



## Short Shank Fittings - NPSM Thread

use with KRW washers on page 302

complete machined coupling

Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	<b>BS406</b>	<b>\$20.17</b>
3/4"	3/4"	<b>BS606</b>	<b>20.40</b>
1"	1"	<b>BS808</b> <sup>1</sup>	<b>27.90</b>



H

machined female with swivel nut

Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	<b>BS446</b>	<b>\$9.75</b>
5/8"	3/4"	<b>BS546</b>	<b>9.55</b>
3/4"	3/4"	<b>BS646</b>	<b>9.80</b>
1"	1"	<b>BS848</b> <sup>1</sup>	<b>13.65</b>



machined male

Hose ID	NPSM Thread	Brass Part #	Price/E
1/2"	3/4"	<b>BS416</b>	<b>\$10.64</b>
3/4"	3/4"	<b>BS616</b>	<b>9.72</b>
1"	1"	<b>BS818</b> <sup>1</sup>	<b>14.25</b>

<sup>1</sup> NPSH threads

## GHT Thread Fittings with Hex Nut

use with washers on page 335

### complete cast coupling (sold in complete sets only)



Hose Size	Brass	
	Part #	Price/E
1/2"	<b>CBC74</b>	<b>\$12.60</b>
5/8"	<b>CBC75</b>	<b>12.60</b>
3/4"	<b>CBC76</b>	<b>12.60</b>
1"	<b>CBC88</b> <sup>1</sup>	<b>21.50</b>

<sup>1</sup> NPSM threads

### complete machined coupling<sup>2</sup>



Hose Size	Brass		303 Stainless	
	Part #	Price/E	Part #	Price/E
3/8"	<b>BC73</b>	<b>\$13.68</b>	---	---
1/2"	<b>BC74</b>	<b>13.36</b>	<b>SSC74</b>	<b>\$162.31</b>
5/8"	<b>BC75</b>	<b>13.92</b>	<b>SSC75</b>	<b>162.15</b>
3/4"	<b>BC76</b>	<b>14.23</b>	<b>SSC76</b>	<b>162.15</b>
1"	<b>BC78</b>	<b>21.63</b>	---	---

### machined female with swivel nut<sup>2</sup>



Hose Size	Brass		303 Stainless		Pkg Qty
	Part #	Price/E	Part #	Price/E	
3/8"	<b>BCF73</b>	<b>\$7.11</b>	---	---	25
1/2"	<b>BCF74</b>	<b>7.11</b>	<b>SSCF74</b>	<b>\$100.48</b>	25
5/8"	<b>BCF75</b>	<b>7.11</b>	<b>SSCF75</b>	<b>100.48</b>	25
3/4"	<b>BCF76</b>	<b>7.42</b>	<b>SSCF76</b>	<b>100.48</b>	25
1"	<b>BCF78</b>	<b>12.68</b>	---	---	10

<sup>2</sup> washer included, part # **5911212W**

### machined male



Hose Size	Brass		303 Stainless		Pkg Qty
	Part #	Price/E	Part #	Price/E	
3/8"	<b>BCM73</b>	<b>\$6.57</b>	---	---	25
1/2"	<b>BCM74</b>	<b>6.25</b>	<b>SSCM74</b>	<b>\$61.83</b>	25
5/8"	<b>BCM75</b>	<b>6.81</b>	<b>SSCM75</b>	<b>61.66</b>	25
3/4"	<b>BCM76</b>	<b>6.81</b>	<b>SSCM76</b>	<b>61.66</b>	25
1"	<b>BCM78</b>	<b>8.95</b>	---	---	10

## GHT Adapters



female GHT swivel

Female x Female	Brass		Opt Qty
	Part #	Price/E	
GHT x GHT	<b>BA977</b>	<b>\$10.13</b>	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	<b>BAS974</b>	<b>\$8.75</b>	<b>RAS974</b> <sup>1</sup>	<b>\$74.84</b>	25
GHT x 3/4" NPTF	<b>BAS976</b>	<b>10.62</b>	<b>RAS976</b> <sup>1</sup>	<b>80.33</b>	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	<b>504-1204</b>	<b>\$9.20</b>	---	---	25
GHT x 3/8" NPTF	<b>504-1206</b>	<b>9.31</b>	---	---	25
GHT x 1/2" NPTF	<b>504-1208</b>	<b>9.16</b>	<b>R504-1208</b> <sup>1</sup>	<b>\$86.61</b>	25
GHT x 3/4" NPTF	<b>504-1212</b>	<b>11.05</b>	<b>R504-1212</b> <sup>1</sup>	<b>93.90</b>	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	<b>BMA973</b>	<b>\$8.92</b>	---	---	25
GHT x 1/2" NPTF	<b>BMA974</b>	<b>8.19</b>	<b>RMA974</b> <sup>1</sup>	<b>\$50.04</b>	25
GHT x 3/4" NPTF	<b>BMA976</b>	<b>10.26</b>	<b>RMA976</b> <sup>1</sup>	<b>51.66</b>	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	<b>BA971</b>	<b>\$8.24</b>	---	---	50
GHT x 1/4" NPTF	<b>BA972</b>	<b>8.50</b>	---	---	25
GHT x 3/8" NPTF	<b>BA973</b>	<b>8.45</b>	---	---	25
GHT x 1/2" NPTF	<b>BA974</b>	<b>11.62</b>	<b>RA974</b> <sup>1</sup>	<b>\$49.48</b>	25
GHT x 3/4" NPTF	<b>BA976</b>	<b>10.40</b>	<b>RA976</b> <sup>1</sup>	<b>49.28</b>	25



threaded male

Male x Male	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
GHT x GHT	<b>BA777</b> <sup>2</sup>	<b>\$6.03</b>	<b>RA777</b> <sup>1</sup>	<b>\$37.35</b>	25
1" NPSH x GHT	<b>509-1612</b> <sup>2</sup>	<b>12.05</b>	---	---	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	<b>BA73</b> <sup>2</sup>	<b>\$5.43</b>	---	---	25
GHT x 1/2" NPTF	<b>BA74</b> <sup>2</sup>	<b>5.88</b>	<b>RA74</b> <sup>1</sup>	<b>\$40.95</b>	25
GHT x 3/4" NPTF	<b>BA776</b> <sup>2,3</sup>	<b>6.37</b>	<b>RA776</b> <sup>1</sup>	<b>39.62</b>	25
GHT x 1" NPTF	<b>BA78</b> <sup>2</sup>	<b>14.48</b>	---	---	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	<b>507-1204</b> <sup>2</sup>	<b>\$4.73</b>	---	---	25
GHT x 3/8" NPTF	<b>507-1206</b> <sup>2</sup>	<b>5.07</b>	---	---	25
GHT x 1/2" NPTF	<b>BA794</b> <sup>2</sup>	<b>5.09</b>	<b>RA794</b> <sup>1</sup>	<b>\$29.55</b>	25
GHT x 3/4" NPTF	<b>BA796</b> <sup>2</sup>	<b>8.06</b>	<b>RA796</b> <sup>1</sup>	<b>49.00</b>	25



garden hose cap

Female	Brass		Opt Qty
	Part #	Price/E	
GHT	<b>GHC7</b>	<b>\$4.42</b>	25

<sup>1</sup> stainless steel fittings are NPT

<sup>2</sup> redesigned with extended male GHT and deeper thread

<sup>3</sup> BA776 also has 1/2" female NPT on ID of 3/4" male NPT side

## Adapters

### hex nipples

**Feature:**

- ref SAE 130137



NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8" x 1/8"	<b>BCN12</b>	<b>\$2.53</b>	100
1/4" x 1/4"	<b>BCN25</b>	<b>2.81</b>	100
3/8" x 3/8"	<b>BCN37</b>	<b>4.09</b>	50
1/2" x 1/2"	<b>BCN50</b>	<b>5.70</b>	25
3/4" x 3/4"	<b>BCN75</b>	<b>7.50</b>	20
1" x 1"	<b>BCN100</b>	<b>18.00</b>	10

### hex head plugs



NPT Thread	Brass Part #	Price/E
1/8"	<b>HHP1M</b>	<b>\$2.04</b>
1/4"	<b>HHP2M</b>	<b>1.87</b>
3/8"	<b>HHP3M</b>	<b>2.60</b>
1/2"	<b>HHP4M</b>	<b>4.42</b>
3/4"	<b>HHP6M</b>	<b>6.62</b>
1"	<b>HHP8M</b>	<b>13.10</b>

- hex head plug is hollow

### square head plugs <sup>1</sup>



PTF- Short Thread	Brass Part #	Price/E	Opt Qty
1/8"	<b>211-0200C</b>	<b>\$2.41</b>	50
1/4"	<b>211-0400C</b>	<b>4.00</b>	100
3/8"	<b>211-0600C</b>	<b>6.00</b>	25
1/2"	<b>211-0800C</b>	<b>10.88</b>	25
3/4"	<b>211-1200C</b>	<b>16.78</b>	25

- <sup>1</sup> lead free brass per NSF/ANSI 372

### male unions



NPSM	NPSM	Brass Part #	Price/E
1/8"	1/8"	<b>176-0202</b>	<b>\$2.93</b>
1/4"	1/4"	<b>176-0404</b>	<b>3.65</b>
3/8"	3/8"	<b>176-0606</b>	<b>5.77</b>
1/2"	1/2"	<b>176-0808</b>	<b>6.30</b>

### female NPSH x female NPSH swivel



Female NPSH	Female NPSH	Brass Part #	Price/E
1"	1"	<b>BA1616</b>	<b>\$19.25</b>

### female hex couplings

**Feature:**

- ref SAE 130138



NPTF Thread	Brass Part #	Price/E
1/8" x 1/8"	<b>BA1F1F</b>	<b>\$3.14</b>
1/4" x 1/4"	<b>BA2F2F</b>	<b>4.85</b>
3/8" x 3/8"	<b>BA3F3F</b>	<b>5.70</b>
1/2" x 1/2"	<b>BA4F4F</b>	<b>8.70</b>
3/4" x 3/4"	<b>BA6F6F</b>	<b>15.38</b>

### hex socket plugs <sup>1</sup>



NPTF Thread	Brass Part #	Price/E	Opt Qty
1/8"	<b>219-0200</b>	<b>\$1.34</b>	50
1/4"	<b>219-0400</b>	<b>2.40</b>	100
3/8"	<b>219-0600</b>	<b>3.60</b>	25
1/2"	<b>219-0800</b>	<b>6.84</b>	25
3/4"	<b>219-1200</b>	<b>10.00</b>	25

- <sup>1</sup> lead free brass per NSF/ANSI 372

### threaded unions



NPT Thread	Brass Part #	Price/E
1/4"	<b>TUN2F</b>	<b>\$27.50</b>
3/8"	<b>TUN3F</b>	<b>27.50</b>
1/2"	<b>TUN4F</b>	<b>29.90</b>

### ball seat to male pipe



NPSM	NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	<b>BSM11</b>	<b>\$2.40</b>	100
1/4"	1/8"	<b>BSM21</b>	<b>3.20</b>	100
1/4"	1/4"	<b>BSM22</b>	<b>2.61</b>	100
3/8"	1/4"	<b>BSM32</b>	<b>4.25</b>	100
3/8"	3/8"	<b>BSM33</b>	<b>4.24</b>	50
3/8"	1/2"	<b>BSM34</b>	<b>7.19</b>	50
1/2"	3/8"	<b>BSM43</b>	<b>4.81</b>	50
1/2"	1/2"	<b>BSM44</b>	<b>5.80</b>	50
3/4"	3/4"	<b>BSM66</b>	<b>7.82</b>	25

## Bulkhead Couplings



Brass Part #	Female NPTF Thread	External Male UNS Thread	Length	Price/E
<b>207BH2</b>	1/8"	5/8"	1.50"	<b>\$10.26</b>
<b>207BH4</b>	1/4"	3/4"	1.50"	<b>11.97</b>
<b>207BH4S</b>	1/4"	3/4"	.94"	<b>9.65</b>
<b>207BH6</b>	3/8"	1"	1.31"	<b>15.12</b>
<b>207BH8</b>	1/2"	1 1/8"	1.50"	<b>20.60</b>
<b>207BH12</b>	3/4"	1-5/16"	1.50"	<b>107.57</b>

## Adapters

## reducer hex bushings

## Feature:

- ref SAE 130140

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/4"	<b>HB1F2M</b>	<b>\$2.10</b>	100
1/8"	3/8"	<b>HB1F3M</b>	<b>2.99</b>	100
1/8"	1/2"	<b>HB1F4M</b>	<b>4.79</b>	25
1/8"	3/4"	<b>HB1F6M</b>	<b>7.70</b>	25
1/4"	3/8"	<b>HB2F3M</b>	<b>2.73</b>	100
1/4"	1/2"	<b>HB2F4M</b>	<b>4.27</b>	50
1/4"	3/4"	<b>HB2F6M</b>	<b>7.85</b>	25
1/4"	1"	<b>HB2F8M</b>	<b>15.50</b>	10
3/8"	1/2"	<b>HB3F4M</b>	<b>3.61</b>	50
3/8"	3/4"	<b>HB3F6M</b>	<b>6.95</b>	25
3/8"	1"	<b>HB3F8M</b>	<b>14.86</b>	10
1/2"	3/4"	<b>HB4F6M</b>	<b>7.20</b>	25
1/2"	1"	<b>HB4F8M</b>	<b>14.08</b>	10
3/4"	1"	<b>HB6F8M</b>	<b>11.60</b>	10



## reducer hex nipples

## Feature:

- ref SAE 130137

NPTF Thread	Brass Part #	Price/E	Opt Qty
1/4" X 1/8"	<b>HN2M1M</b>	<b>\$3.24</b>	100
3/8" X 1/8"	<b>HN3M1M</b>	<b>4.68</b>	50
3/8" X 1/4"	<b>HN3M2M</b>	<b>4.05</b>	50
1/2" X 1/4"	<b>HN4M2M</b>	<b>5.50</b>	50
1/2" X 3/8"	<b>HN4M3M</b>	<b>5.57</b>	50
3/4" X 1/2"	<b>HN6M4M</b>	<b>8.65</b>	25



## threaded adapters

Female NPTF	Male NPSM	Brass Part #	Price/E	Opt Qty
1/4"	1/4"	<b>174-0404</b>	<b>\$5.02</b>	100
3/8"	3/8"	<b>174-0606</b>	<b>4.82</b>	50
1/2"	1/2"	<b>174-0808</b>	<b>6.88</b>	50



Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/8"	1/8"	<b>RA1F1M</b>	<b>\$3.83</b>	100
1/4"	1/4"	<b>RA2F2M</b>	<b>4.36</b>	50
3/8"	3/8"	<b>RA3F3M</b>	<b>5.61</b>	50
1/2"	1/2"	<b>RA4F4M</b>	<b>7.73</b>	25
3/4"	3/4"	<b>RA6F6M</b>	<b>13.61</b>	10



## reducer adapters

## Feature:

- ref SAE 130139

Female NPTF	Male NPTF	Brass Part #	Price/E	Opt Qty
1/4"	1/8"	<b>RA2F1M</b>	<b>\$3.90</b>	50
3/8"	1/8"	<b>RA3F1M</b>	<b>4.82</b>	50
3/8"	1/4"	<b>RA3F2M</b>	<b>4.75</b>	50
1/2"	1/4"	<b>RA4F2M</b>	<b>7.05</b>	25
1/2"	3/8"	<b>RA4F3M</b>	<b>6.21</b>	25
3/4"	3/8"	<b>RA6F3M</b>	<b>11.29</b>	10
3/4"	1/2"	<b>RA6F4M</b>	<b>10.65</b>	10



## reducer couplings

## Feature:

- ref SAE 130138

Female NPTF	Brass Part #	Price/E	Opt Qty
1/4" X 1/8"	<b>RC2F1F</b>	<b>\$4.80</b>	50
3/8" X 1/8"	<b>RC3F1F</b>	<b>6.44</b>	50
3/8" X 1/4"	<b>RC3F2F</b>	<b>5.34</b>	50
1/2" X 1/4"	<b>RC4F2F</b>	<b>7.32</b>	25
1/2" X 3/8"	<b>RC4F3F</b>	<b>7.09</b>	10
3/4" X 3/8"	<b>RC6F3F</b>	<b>11.91</b>	10
3/4" X 1/2"	<b>RC6F4F</b>	<b>11.66</b>	10



## NPT pipe caps

Female NPT	Brass Part #	Price/E	Opt Qty
1/8"	<b>213-0200</b>	<b>\$2.30</b>	50
1/4"	<b>213-0400</b> <sup>1</sup>	<b>3.62</b>	100
3/8"	<b>213-0600</b> <sup>1</sup>	<b>6.17</b>	25
1/2"	<b>213-0800</b> <sup>1</sup>	<b>10.38</b>	25
3/4"	<b>213-1200</b>	<b>10.97</b>	25



<sup>1</sup> Lead free per NSF/ANSI 372

## Pipe Nipples

## long pipe nipples

- carbon steel and stainless steel nipples are available on page 743



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	7.90	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 260 and 742



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	\$5.96	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	9.69	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"	1/4"	SE2F1M	6.43	25
1/4"	1/4"	SE2F2M	7.03	25
3/8"	1/4"	SE3F2M	8.59	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	20.36	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"	<b>BN11</b>	<b>\$1.71</b>	100	1/2"	1/4"	<b>BN42</b>	<b>\$3.15</b>	50
1/8"	1/4"	<b>BN122</b>	<b>2.24</b>	100	1/2"	3/8"	<b>BN43</b>	<b>3.22</b>	50
3/16"	1/8"	<b>BN151</b>	<b>1.88</b>	100	1/2"	1/2"	<b>BN44</b>	<b>4.90</b>	50
3/16"	1/4"	<b>BN152</b>	<b>2.42</b>	100	1/2"	3/4"	<b>BN46</b>	<b>7.30</b>	25
1/4"	1/8"	<b>BN21</b>	<b>1.91</b>	100	5/8"	3/8"	<b>BN53</b>	<b>3.64</b>	50
1/4"	1/4"	<b>BN22</b>	<b>2.07</b>	100	5/8"	1/2"	<b>BN54</b>	<b>5.32</b>	25
1/4"	3/8"	<b>BN23</b>	<b>3.12</b>	100	5/8"	3/4"	<b>BN56</b>	<b>7.35</b>	50
1/4"	1/2"	<b>BN24</b>	<b>6.31</b>	50	3/4"	1/2"	<b>BN64</b>	<b>6.22</b>	50
5/16"	1/8"	<b>BN251</b>	<b>2.08</b>	100	3/4"	3/4"	<b>BN66</b>	<b>6.75</b>	20
5/16"	1/4"	<b>BN252</b>	<b>2.45</b>	50	1"	3/4"	<b>BN86</b>	<b>9.08</b>	25
5/16"	3/8"	<b>BN253</b>	<b>3.16</b>	50	1"	1"	<b>BN88</b>	<b>14.81</b>	10
3/8"	1/8"	<b>BN31</b>	<b>2.40</b>	100	1 1/4"	3/4"	<b>BN106</b>	<b>18.57</b>	10
3/8"	1/4"	<b>BN32</b>	<b>2.10</b>	100	1 1/4"	1"	<b>BN108</b>	<b>17.97</b>	10
3/8"	3/8"	<b>BN33</b>	<b>3.16</b>	50					
3/8"	1/2"	<b>BN34</b>	<b>5.50</b>	25					
3/8"	3/4"	<b>BN36</b>	<b>7.71</b>	25					



## BSPT male inserts

Hose ID	Male BSPT	Brass		Opt Qty
		Part #	Price/E	
1/4"	1/8"	<b>BN21BSPT</b>	<b>\$2.71</b>	100
1/4"	1/4"	<b>BN22BSPT</b>	<b>2.98</b>	100
3/8"	1/4"	<b>BN32BSPT</b>	<b>3.16</b>	100
3/8"	3/8"	<b>BN33BSPT</b>	<b>4.30</b>	50
3/8"	1/2"	<b>BN34BSPT</b>	<b>7.62</b>	25
1/2"	3/8"	<b>BN43BSPT</b>	<b>4.85</b>	50
1/2"	1/2"	<b>BN44BSPT</b>	<b>6.52</b>	50
3/4"	3/4"	<b>BN66BSPT</b>	<b>8.90</b>	25
1"	1"	<b>BN88BSPT</b>	<b>18.02</b>	10

## solid female inserts

Hose ID	Female NPTF	Brass		303 Stainless Steel		Opt Qty
		Part #	Price/E	Part #	Price/E	
1/8"	1/8"	<b>BF11</b>	<b>\$2.40</b>	---	---	100
1/8"	1/4"	<b>BF12</b>	<b>3.59</b>	---	---	100
3/16"	1/8"	<b>BF151</b>	<b>2.59</b>	---	---	100
3/16"	1/4"	<b>BF152</b>	<b>3.50</b>	---	---	100
1/4"	1/8"	<b>BF21</b>	<b>2.20</b>	---	---	100
1/4"	1/4"	<b>BF22</b>	<b>2.84</b>	<b>BF22SS</b>	<b>\$28.58</b>	100
1/4"	3/8"	<b>BF23</b>	<b>3.66</b>	---	---	50
1/4"	1/2"	<b>BF24</b>	<b>5.40</b>	---	---	50
5/16"	1/8"	<b>BF251</b>	<b>3.11</b>	---	---	100
5/16"	1/4"	<b>BF252</b>	<b>3.40</b>	---	---	100
5/16"	3/8"	<b>BF253</b>	<b>4.12</b>	---	---	100
3/8"	1/8"	<b>BF31</b>	<b>2.96</b>	---	---	100
3/8"	1/4"	<b>BF32</b>	<b>2.82</b>	<b>BF32SS</b>	<b>26.21</b>	50
3/8"	3/8"	<b>BF33</b>	<b>3.82</b>	<b>BF33SS</b>	<b>29.15</b>	50
3/8"	1/2"	<b>BF34</b>	<b>5.51</b>	---	---	50
3/8"	3/4"	<b>BF36</b>	<b>10.53</b>	---	---	25
1/2"	1/4"	<b>BF42</b>	<b>3.42</b>	---	---	50
1/2"	3/8"	<b>BF43</b>	<b>4.20</b>	---	---	50
1/2"	1/2"	<b>BF44</b>	<b>5.36</b>	<b>BF44SS</b>	<b>32.92</b>	50
1/2"	3/4"	<b>BF46</b>	<b>9.82</b>	---	---	25
5/8"	3/8"	<b>BF53</b>	<b>4.45</b>	---	---	50
5/8"	1/2"	<b>BF54</b>	<b>5.50</b>	---	---	25
5/8"	3/4"	<b>BF56</b>	<b>9.81</b>	---	---	25
3/4"	1/2"	<b>BF64</b>	<b>6.10</b>	---	---	25
3/4"	3/4"	<b>BF66</b>	<b>10.40</b>	---	---	20
1"	3/4"	<b>BF86</b>	<b>11.19</b>	---	---	20
1"	1"	<b>BF88</b>	<b>17.00</b>	---	---	10
1-1/4"	1"	<b>BF108</b>	<b>17.76</b>	---	---	10



## Beaded Hose Barbs

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>268B0402</b>	<b>\$2.50</b>	100
1/4"	1/4"	<b>268B0404</b>	<b>2.66</b>	100
5/16"	1/8"	<b>268B0502</b>	<b>2.42</b>	100
5/16"	1/4"	<b>268B0504</b>	<b>2.74</b>	50
3/8"	1/8"	<b>268B0602</b>	<b>3.02</b>	100
3/8"	1/4"	<b>268B0604</b>	<b>2.91</b>	100
3/8"	3/8"	<b>268B0606</b>	<b>3.73</b>	50
1/2"	3/8"	<b>268B0806</b>	<b>3.77</b>	50
1/2"	1/2"	<b>268B0808</b>	<b>6.70</b>	50
5/8"	1/2"	<b>268B1008</b>	<b>6.75</b>	25
3/4"	1/2"	<b>268B1208</b>	<b>7.12</b>	50
3/4"	3/4"	<b>268B1212</b>	<b>9.00</b>	25



## Barbed Hose Elbows

male insert 45° elbows - forged

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>139-0402</b>	<b>\$4.22</b>	100
1/4"	1/4"	<b>139-0404</b>	<b>6.60</b>	25
3/8"	1/8"	<b>139-0602</b>	<b>5.20</b>	100
3/8"	1/4"	<b>139-0604</b>	<b>4.91</b>	100
3/8"	3/8"	<b>139-0606</b>	<b>8.00</b>	25
1/2"	1/4"	<b>139-0804</b>	<b>7.82</b>	25
1/2"	3/8"	<b>139-0806</b>	<b>7.45</b>	25
1/2"	1/2"	<b>139-0808</b>	<b>9.83</b>	25
3/4"	1/2"	<b>139-1208</b>	<b>16.23</b>	25



female insert 90° elbows - forged

Hose ID	Female NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>134-0402</b>	<b>\$5.82</b>	50
1/4"	1/4"	<b>134-0404</b>	<b>7.72</b>	50
3/8"	1/4"	<b>134-0604</b>	<b>7.27</b>	50
3/8"	3/8"	<b>134-0606</b>	<b>10.10</b>	50
1/2"	1/4"	<b>134-0804</b>	<b>6.86</b>	25
1/2"	3/8"	<b>134-0806</b>	<b>11.36</b>	25
1/2"	1/2"	<b>134-0808</b>	<b>23.44</b>	25
3/4"	3/4"	<b>134-1212</b>	<b>34.35</b>	25



## Barbed Hose Elbows

male insert 90° elbows - forged



Hose ID	Male NPTF	Brass Part #	Price/E	316 Stainless <sup>1</sup> Part #	Price/E	Opt Qty
3/16"	1/8"	<b>EL15H1M</b>	\$3.69	---	---	50
1/4"	1/8"	<b>EL2H1M</b>	3.45	<b>EL2H1MSS</b> <b>NEW</b>	\$29.71	50
1/4"	1/4"	<b>EL2H2M</b>	5.01	<b>EL2H2MSS</b>	27.18	50
1/4"	3/8"	<b>EL2H3M</b>	6.20	---	---	50
5/16"	1/8"	<b>EL25H1M</b>	4.25	---	---	25
5/16"	1/4"	<b>EL25H2M</b>	5.62	---	---	50
5/16"	3/8"	<b>EL25H3M</b>	6.25	---	---	50
3/8"	1/8"	<b>EL3H1M</b>	3.76	---	---	50
3/8"	1/4"	<b>EL3H2M</b>	5.01	<b>EL3H2MSS</b>	28.15	50
3/8"	3/8"	<b>EL3H3M</b>	6.60	<b>EL3H3MSS</b>	27.80	50
3/8"	1/2"	<b>EL3H4M</b>	9.25	---	---	25
1/2"	1/4"	<b>EL4H2M</b>	5.50	<b>EL4H2MSS</b>	31.95	50
1/2"	3/8"	<b>EL4H3M</b>	6.80	<b>EL4H3MSS</b> <b>NEW</b>	43.45	50
1/2"	1/2"	<b>EL4H4M</b>	9.07	<b>EL4H4MSS</b>	32.90	25
5/8"	3/8"	<b>EL5H3M</b>	11.61	---	---	25
5/8"	1/2"	<b>EL5H4M</b>	12.46	---	---	25
3/4"	1/2"	<b>EL6H4M</b>	15.55	<b>EL6H4MSS</b> <b>NEW</b>	60.73	25
3/4"	3/4"	<b>EL6H6M</b>	21.78	<b>EL6H6MSS</b>	58.10	25
1"	3/4"	<b>EL8H6M</b>	27.46	---	---	10
1"	1"	<b>EL8H8M</b>	36.17	---	---	10

<sup>1</sup> 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"	<b>177-0202</b>	\$4.76	<b>177-0202SS</b>	\$18.85	25
3/16"	<b>177-0303</b>	4.00	<b>177-0303SS</b>	38.20	25
1/4" x 1/8"	<b>177-0402</b>	5.35	---	---	25
1/4"	<b>177-0404</b>	3.78	<b>177-0404SS</b>	11.45	25
5/16"	<b>177-0505</b>	6.12	---	---	25
3/8" x 1/4"	<b>177-0604</b>	6.16	---	---	25
3/8"	<b>177-0606</b>	5.80	<b>177-0606SS</b>	15.84	25
1/2" x 3/8"	<b>177-0806</b>	7.00	---	---	25
1/2"	<b>177-0808</b>	6.96	<b>177-0808SS</b>	30.85	25
5/8"	<b>177-1010</b>	13.65	---	---	25
3/4" x 1/2"	<b>177-1208</b>	14.25	---	---	25
3/4"	<b>177-1212</b>	18.17	---	---	25

hose barb tee splicers - forged



179-0604

Hose ID	Brass Part #	Price/E	304 Stainless Part #	Price/E	Pkg Qty
1/8"	<b>179-0202</b>	\$5.83	<b>179-0202SS</b>	\$38.20	25
3/16"	<b>179-0303</b>	4.73	<b>179-0303SS</b>	30.60	100
1/4" x 1/8"	<b>179-0402</b>	5.85	---	---	25
1/4"	<b>179-0404</b>	4.56	<b>179-0404SS</b>	26.37	25
5/16"	<b>179-0505</b>	6.21	---	---	25
<b>NEW</b> 3/8" x 1/4"	<b>179-0604<sup>1</sup></b>	10.65	---	---	25
3/8" x 1/4"	<b>1790604BARB</b>	6.76	---	---	25
3/8"	<b>179-0606</b>	5.96	<b>179-0606SS</b>	32.32	25
1/2" x 3/8"	<b>179-0806</b>	9.95	---	---	25
1/2"	<b>179-0808</b>	8.86	<b>179-0808SS</b>	49.23	25
5/8"	<b>179-1010</b>	13.25	---	---	25
3/4" x 1/2"	<b>179-1208</b>	20.38	---	---	25
3/4"	<b>179-1212</b>	18.82	---	---	20

<sup>1</sup> drop leg has 1/4"-18 male NPTF thread

## Hose Menders

Hose ID	Brass Part #	Price/E	Pkg Qty
1/8"	<b>BM1</b>	<b>\$1.98</b>	100
3/16"	<b>BM15</b>	<b>1.75</b>	100
1/4"	<b>BM2</b>	<b>2.04</b>	100
1/4" x 1/8"	<b>BM2-1</b>	<b>2.51</b>	100
5/16"	<b>BM25</b>	<b>2.34</b>	100
3/8"	<b>BM3</b>	<b>2.40</b>	100
3/8" x 1/4"	<b>BM3-2</b>	<b>3.16</b>	100
1/2"	<b>BM4</b>	<b>3.36</b>	50
1/2" x 3/8"	<b>BM4-3</b>	<b>4.00</b>	50
5/8"	<b>BM5</b>	<b>4.00</b>	50
5/8" x 3/8"	<b>BM5-3</b>	<b>4.41</b>	50
5/8" x 1/2"	<b>BM5-4</b>	<b>5.37</b>	50
3/4"	<b>BM6</b>	<b>5.60</b>	50
3/4" x 1/2"	<b>BM6-4</b>	<b>6.22</b>	50
1"	<b>BM8</b>	<b>10.50</b>	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	<b>142-0307</b>	<b>\$3.25</b>	100
1/4"	7/16"-20	<b>142-0407</b>	<b>2.66</b>	100
1/4"	5/8"-18	<b>142-0410</b>	<b>3.55</b>	100
5/16"	1/2"-20	<b>142-0508</b>	<b>3.05</b>	100
3/8"	5/8"-18	<b>142-0610</b>	<b>3.75</b>	50
3/8"	3/4"-16	<b>142-0612</b>	<b>5.22</b>	50
1/2"	3/4"-16	<b>142-0812</b>	<b>5.03</b>	50



## male NPTF swivel x hose barb

Hose ID	Male NPTF	Brass Part #	Price/E	Pkg Qty
1/4"	1/8"	<b>103-0402</b>	<b>\$7.64</b>	100
1/4"	1/4"	<b>103-0404</b>	<b>5.70</b>	100
3/8"	1/4"	<b>103-0604</b>	<b>6.02</b>	100
3/8"	3/8"	<b>103-0606</b>	<b>6.64</b>	50
1/2"	3/8"	<b>103-0806</b>	<b>8.09</b>	50
1/2"	1/2"	<b>103-0808</b>	<b>9.85</b>	25
3/4"	3/4"	<b>103-1212</b>	<b>13.08</b>	20
1"	1-11 1/2"	<b>103-1616</b> <sup>1</sup>	<b>52.37</b>	10



• swivel is for assembly convenience only, not for live swivel applications

<sup>1</sup> capped threads / 120 maximum PSI

## Female PTF-SAE Short

Hose ID	Female PTF-SAE Short	Brass Part #	Price/E	Pkg Qty
1/4"	1/4"	<b>105-0404</b>	<b>\$7.34</b>	50
3/8"	1/4"	<b>105-0604</b>	<b>7.56</b>	50
3/8"	3/8"	<b>105-0606</b>	<b>7.85</b>	50
1/2"	3/8"	<b>105-0806</b>	<b>8.68</b>	50
1/2"	1/2"	<b>105-0808</b>	<b>9.36</b>	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	<b>145-0609</b>	<b>\$3.64</b>	100
3/4"	1-1/16"-12	<b>145-1217</b>	<b>14.10</b>	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"	<b>BFS11</b>	<b>\$2.94</b>	100
3/16"	1/8"	<b>BFS151</b>	<b>2.52</b>	100
3/16"	1/4"	<b>BFS152</b>	<b>3.55</b>	100
1/4"	1/8"	<b>BFS21</b>	<b>3.11</b>	100
1/4"	1/4"	<b>BFS22</b>	<b>3.24</b>	100
1/4"	3/8"	<b>BFS23</b>	<b>4.78</b>	100
5/16"	1/4"	<b>BFS252</b>	<b>3.92</b>	100
5/16"	3/8"	<b>BFS253</b>	<b>5.20</b>	50
3/8"	1/4"	<b>BFS32</b>	<b>3.15</b>	100
3/8"	3/8"	<b>BFS33</b>	<b>4.32</b>	100
3/8"	1/2"	<b>BFS34</b>	<b>7.07</b>	100
1/2"	3/8"	<b>BFS43</b>	<b>7.36</b>	50
1/2"	1/2"	<b>BFS44</b>	<b>6.62</b>	100
3/4"	3/4"	<b>BFS66</b>	<b>10.00</b>	50

### female NPSM swivel x hose barb gasket seat type



Hose ID	Female NPSM	Brass Part #	Price/E	Pkg Qty
1/8"	1/8"	<b>126-0202</b>	<b>\$4.56</b>	100
3/16"	1/8"	<b>126-0302</b>	<b>4.40</b>	100
3/16"	1/4"	<b>126-0304</b>	<b>4.80</b>	100
1/4"	1/8"	<b>126-0402</b>	<b>4.73</b>	100
1/4"	1/4"	<b>126-0404</b>	<b>4.30</b>	100
1/4"	3/8"	<b>126-0406</b>	<b>5.71</b>	100
5/16"	1/4"	<b>126-0504</b>	<b>5.31</b>	100
3/8"	1/4"	<b>126-0604</b>	<b>4.35</b>	100
3/8"	3/8"	<b>126-0606</b>	<b>5.37</b>	50
3/8"	1/2"	<b>126-0608</b>	<b>7.83</b>	50
1/2"	3/8"	<b>126-0806</b>	<b>7.80</b>	50
1/2"	1/2"	<b>126-0808</b>	<b>7.38</b>	50
3/4"	3/4"	<b>126-1212</b>	<b>9.36</b>	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	<b>144-0306</b>	<b>\$4.84</b>	100
1/4"	3/8"	5/8"-18	<b>144-0410</b>	<b>4.43</b>	100
5/16"	3/8"	5/8"-18	<b>144-0510</b>	<b>5.10</b>	100
3/8"	3/8"	5/8"-18	<b>144-0610</b>	<b>4.37</b>	100
1/2"	1/2"	3/4"-16	<b>144-0812</b>	<b>6.02</b>	100
3/4"	3/4"	1-1/16"-14	<b>144-1217<sup>1</sup></b>	<b>13.64</b>	25

<sup>1</sup> notch in nut

### 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	<b>143-0307</b>	<b>\$3.03</b>	100
1/4"	1/4"	7/16"-20	<b>143-0407</b>	<b>3.15</b>	100
1/4"	5/16"	1/2"-20	<b>143-0408</b>	<b>5.55</b>	100
5/16"	5/16"	1/2"-20	<b>143-0508</b>	<b>5.09</b>	100
3/8"	1/2"	3/4"-16	<b>143-0612</b>	<b>6.13</b>	100
1/2"	1/2"	3/4"-16	<b>143-0812</b>	<b>5.55</b>	100
1/2"	5/8"	7/8"-14	<b>143-0814</b>	<b>9.42</b>	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*
<b>BFM478</b>	<b>\$0.45</b>	50	.478"	11/16"	21/64"	.024"	<b>4750</b>	<b>R41</b>	<b>P41/P42</b>
<b>BFM500</b>	<b>0.56</b>	50	.500"	1"	11/32"	.024"	<b>7322</b>	<b>R40</b>	<b>P40</b>
<b>BFM525</b>	<b>0.57</b>	50	.528"	1"	3/8"	.024"	<b>7323</b>	<b>R39</b>	<b>P39</b>
<b>BFM531</b>	<b>0.56</b>	50	.528"	1"	7/16"	.024"	<b>7324</b>	<b>R39</b>	<b>P39</b>
<b>BFM562</b>	<b>0.60</b>	50	.562"	1"	7/16"	.024"	<b>7325</b>	<b>R37</b>	<b>P38</b>
<b>BFM593</b>	<b>0.62</b>	50	.593"	1"	7/16"	.024"	<b>7326</b>	<b>R36</b>	<b>P37</b>
<b>BFM625</b>	<b>0.63</b>	50	.625"	1"	7/16"	.024"	<b>7327</b>	<b>R35</b>	<b>P36</b>
<b>BFM656</b>	<b>0.75</b>	50	.656"	1"	7/16"	.024"	<b>7328</b>	<b>R34</b>	<b>P35</b>
<b>BFM687</b>	<b>0.75</b>	50	.687"	1"	1/2"	.024"	<b>7329</b>	<b>R33</b>	<b>P34</b>
<b>BFM718</b>	<b>0.72</b>	50	.718"	1"	5/8"	.024"	<b>7330</b>	<b>R31</b>	<b>P32</b>
<b>BFM718B</b>	<b>0.72</b>	50	.718"	1"	1/2"	.024"	<b>7330B</b>	<b>R31</b>	<b>P32</b>
<b>BFM750</b>	<b>0.79</b>	50	.750"	1"	5/8"	.024"	<b>7331</b>	<b>R30</b>	<b>P31</b>
<b>BFM750B</b>	<b>0.76</b>	50	.750"	1"	1/2"	.024"	<b>7331B</b>	<b>R30</b>	<b>P31</b>
<b>BFM781</b>	<b>0.91</b>	50	.781"	1"	5/8"	.024"	<b>7332</b>	<b>R29</b>	<b>P30</b>
<b>BFM781B</b>	<b>0.93</b>	50	.781"	1"	1/2"	.024"	<b>7332B</b>	<b>R29</b>	<b>P30</b>
<b>BFM812</b>	<b>0.95</b>	50	.812"	1"	5/8"	.024"	<b>7333</b>	<b>R28</b>	<b>P29</b>
<b>BFL380</b>	<b>0.31</b>	50	.380"	1/2"	17/64"	.016"	<b>622</b>	<b>R44</b>	<b>P45</b>
<b>BFL400</b>	<b>0.35</b>	50	.400"	15/32"	17/64"	.020"	<b>619</b>	<b>R44</b>	<b>P44</b>
<b>BFL410</b>	<b>0.32</b>	50	.410"	1/2"	17/64"	.016"	<b>620</b>	<b>R43</b>	<b>P44</b>
<b>BFL450</b>	<b>0.32</b>	50	.450"	9/16"	11/32"	.016"	<b>769</b>	<b>R41</b>	<b>P42</b>
<b>BFL500</b>	<b>0.33</b>	50	.500"	1/2"	11/32"	.016"	<b>624</b>	<b>R40</b>	<b>P41</b>
<b>BFL525</b>	<b>0.33</b>	50	.525"	1/2"	11/32"	.016"	<b>625</b>	<b>R39</b>	<b>P40</b>
<b>BFL548</b>	<b>0.34</b>	50	.548"	31/64"	3/8"	.016"	<b>626</b>	<b>R38</b>	<b>P39</b>
<b>BFL564</b>	<b>0.45</b>	50	.564"	3/4"	3/8"	.019"	<b>3588</b>	<b>R37</b>	<b>P38</b>
<b>BFL575</b>	<b>0.36</b>	50	.575"	31/64"	15/32"	.019"	<b>KK</b>	<b>R37</b>	<b>P38</b>
<b>BFL600</b>	<b>0.37</b>	50	.600"	1/2"	1/2"	.019"	<b>JJ</b>	<b>R36</b>	<b>P37</b>
<b>BFL625</b>	<b>0.39</b>	50	.625"	1/2"	1/2"	.019"	<b>II</b>	<b>R35</b>	<b>P36</b>
<b>BFL650</b>	<b>0.40</b>	50	.650"	1/2"	1/2"	.019"	<b>HH</b>	<b>R34</b>	<b>P35</b>
<b>BFL675</b>	<b>0.43</b>	50	.675"	33/64"	1/2"	.019"	<b>GG</b>	<b>R34</b>	<b>P34</b>
<b>BFL725</b>	<b>0.43</b>	50	.725"	17/32"	1/2"	.019"	<b>EE</b>	<b>R31</b>	<b>P32</b>
<b>BFL750</b>	<b>0.44</b>	50	.750"	17/32"	1/2"	.019"	<b>DD</b>	<b>R30</b>	<b>P32</b>
<b>BFL775</b>	<b>0.67</b>	50	.775"	17/32"	1/2"	.016"	<b>CC</b>	<b>R31</b>	<b>P31</b>



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*
<b>BF800</b>	<b>\$0.78</b>	25	.800"	.844"	.688"	.024"	---	<b>R28</b>	<b>P29</b>
<b>BF825</b>	<b>0.77</b>	25	.825"	.844"	.688"	.024"	---	<b>R27</b>	<b>P28</b>
<b>BF850</b>	<b>0.55</b>	25	.850"	.563"	.688"	.019"	<b>Z</b>	<b>R26</b>	<b>P27</b>
<b>BFW875</b>	<b>0.79</b>	25	.875"	.844"	.688"	.024"	<b>7244A</b>	<b>R25</b>	<b>P26</b>
<b>BFW900</b>	<b>0.83</b>	25	.900"	.844"	.688"	.024"	<b>5029A</b>	<b>R24</b>	<b>P25</b>
<b>BFW925</b>	<b>1.05</b>	25	.937"	.844"	.688"	.024"	<b>7242A</b>	<b>R23</b>	<b>P24</b>
<b>BFW975</b>	<b>1.05</b>	25	.975"	.844"	.688"	.024"	<b>5028A</b>	<b>R21</b>	<b>P22</b>
<b>BFW1025</b>	<b>1.10</b>	25	1.025"	.844"	.693"	.024"	<b>7114A</b>	<b>R19</b>	<b>P20</b>
<b>BFW1175</b>	<b>1.20</b>	25	1.175"	.844"	.875"	.024"	<b>7088A</b>	<b>R13</b>	<b>P14</b>
<b>BFMW1050</b>	<b>1.80</b>	25	1.050"	.625"	.750"	.025"	<b>3605</b>	<b>R18</b>	<b>P19</b>
<b>BFMW1100</b>	<b>1.25</b>	25	1.100"	.844"	.812"	.024"	<b>5027A</b>	<b>R16</b>	<b>P17</b>
<b>BFMW1150</b>	<b>1.25</b>	25	1.150"	.844"	.875"	.024"	<b>7104A</b>	<b>R15</b>	<b>P15</b>
<b>BFMW1225</b>	<b>1.85</b>	25	1.225"	.875"	.875"	.025"	<b>875-K</b>	<b>R11</b>	<b>P12</b>
<b>BFMW1275</b>	<b>3.50</b>	25	1.275"	.875"	1.000"	.025"	<b>875-I</b>	<b>R9</b>	<b>P10</b>
<b>BFMW1400</b>	<b>3.55</b>	25	1.400"	.687"	1.125"	.019"	<b>D</b>	<b>R4</b>	<b>P5</b>
<b>BFMW1500</b>	<b>2.50</b>	25	1.500"	.875"	1.125"	.025"	<b>1500</b>	---	<b>P1</b>



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: 7 $\frac{1}{8}$ "
- weight: 25 lbs.

Part #	Price/E
<b>5111A</b>	<b>\$1875.00</b>

## 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 351
- weight: 91 lbs.

Part #	Price/E
<b>1765A</b>	<b>\$8300.00</b>

*Die sizes for ferrules and machine numbers 1765A and 5111A are on page 351.*

## 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
<b>855</b>	<b>\$298.20</b>
<b>855A</b>	<b>309.20</b>

### Replacement Dies

Die Bore	Hose OD		Die Part #	Crimper # 855	Crimper # 855A
	From:	To:			
.375"	.385"	.406"	<b>856-10</b>	optional	optional
.437"	.447"	.468"	<b>856-7</b>	optional	standard
.484"	.490"	.520"	<b>856-4</b>	standard	standard
.531"	.540"	.562"	<b>856-3</b>	standard	standard
.578"	.590"	.625"	<b>856-2</b>	standard	standard
.625"	.640"	.671"	<b>856-1</b>	standard	standard
.687"	.690"	.710"	<b>856-5</b>	standard	optional
.750"	.760"	.781"	<b>856-8</b>	optional	optional
.812"	.820"	.843"	<b>856-9</b>	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
<b>860</b>	<b>\$330.00</b>

### Dies

Hose OD/ Finished Crimp Dimension	Die Part #	Price/E
11/16"	<b>861-22</b>	<b>\$49.00</b>
23/32"	<b>861-23</b>	<b>49.00</b>
3/4"	<b>861-24</b>	<b>49.00</b>
25/32"	<b>861-25</b>	<b>49.00</b>
13/16"	<b>861-26</b>	<b>49.00</b>
27/32"	<b>861-27</b>	<b>49.00</b>
7/8"	<b>861-28</b>	<b>49.00</b>
29/32"	<b>861-29</b>	<b>49.00</b>
15/16"	<b>861-30</b>	<b>49.00</b>
31/32"	<b>861-31</b>	<b>49.00</b>
1"	<b>861-32</b>	<b>49.00</b>
1-1/32"	<b>861-33</b>	<b>49.00</b>
1-1/16"	<b>861-34</b>	<b>49.00</b>
1-1/8"	<b>861-36</b>	<b>49.00</b>
1-3/16"	<b>861-38</b>	<b>49.00</b>
1-1/4"	<b>861-40</b>	<b>49.00</b>
1-5/16"	<b>861-42</b>	<b>49.00</b>
1-3/8"	<b>861-44</b>	<b>49.00</b>
1-7/16"	<b>861-46</b>	<b>49.00</b>
1-1/2"	<b>861-48</b>	<b>49.00</b>



## 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"	<b>572-0812</b>	<b>\$10.26</b>
5/8"	3/4"	<b>572-1012</b>	<b>12.00</b>
3/4"	3/4"	<b>572-1212</b>	<b>12.05</b>

### Push-On female swivel garden hose fitting<sup>1</sup>



Hose ID	GHT Thread	Brass Part #	Price/E
1/2"	3/4"	<b>574-0812</b>	<b>\$12.76</b>
5/8"	3/4"	<b>574-1012</b>	<b>14.03</b>
3/4"	3/4"	<b>574-1212</b>	<b>14.06</b>

### Push-On garden hose fitting set (not assembled)<sup>1</sup>



Hose ID	GHT Thread	Brass Part #	Price/E
1/2"	3/4"	<b>575-0808</b>	<b>\$23.02</b>
5/8"	3/4"	<b>575-1010</b>	<b>26.03</b>
3/4"	3/4"	<b>575-1212</b>	<b>26.09</b>

<sup>1</sup> washer included, part # **5911212W**

## 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 354 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"	<b>BPN21</b>	\$2.21	<b>RPN21</b>	\$30.28	100
1/4"	1/4"	<b>BPN22</b>	2.60	<b>RPN22</b>	24.00	100
1/4"	3/8"	<b>BPN23</b>	3.41	---	---	50
5/16"	1/8"	<b>BPN251</b>	3.14	---	---	100
5/16"	1/4"	<b>BPN252</b>	3.27	---	---	50
3/8"	1/8"	<b>BPN31</b>	3.15	---	---	100
3/8"	1/4"	<b>BPN32</b>	2.90	<b>RPN32</b>	34.37	50
3/8"	3/8"	<b>BPN33</b>	3.36	<b>RPN33</b>	35.85	50
3/8"	1/2"	<b>BPN34</b>	5.55	---	---	25
3/8"	3/4"	<b>BPN36</b>	9.55	---	---	25
1/2"	1/4"	<b>BPN42</b>	4.11	<b>RPN42</b>	34.37	25
1/2"	3/8"	<b>BPN43</b>	3.70	<b>RPN43</b>	38.46	25
1/2"	1/2"	<b>BPN44</b>	5.35	<b>RPN44</b>	47.95	50
1/2"	3/4"	<b>BPN46</b>	8.00	---	---	50
5/8"	3/8"	<b>BPN53</b>	6.55	---	---	25
5/8"	1/2"	<b>BPN54</b>	7.27	---	---	25
5/8"	3/4"	<b>BPN56</b>	9.72	---	---	25
3/4"	1/2"	<b>BPN64</b>	8.42	<b>RPN64</b>	54.82	25
3/4"	3/4"	<b>BPN66</b>	8.95	<b>RPN66</b>	69.88	25
1"	3/4"	<b>BPN86</b>	19.65	---	---	10
1"	1"	<b>BPN88</b>	23.73	<b>RPN88</b>	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"	<b>BPF21</b>	\$3.30	100
1/4"	1/4"	<b>BPF22</b>	3.46	100
1/4"	3/8"	<b>BPF23</b>	5.13	50
5/16"	1/8"	<b>BPF251</b>	4.05	100
5/16"	1/4"	<b>BPF252</b>	5.35	50
3/8"	1/8"	<b>BPF31</b>	4.78	50
3/8"	1/4"	<b>BPF32</b>	3.87	50
3/8"	3/8"	<b>BPF33</b>	4.23	50
3/8"	1/2"	<b>BPF34</b>	5.96	50
3/8"	3/4"	<b>BPF36</b>	12.55	25
1/2"	1/4"	<b>BPF42</b>	5.15	50
1/2"	3/8"	<b>BPF43</b>	4.85	50
1/2"	1/2"	<b>BPF44</b>	5.65	25
1/2"	3/4"	<b>BPF46</b>	12.69	25
5/8"	3/8"	<b>BPF53</b>	6.71	25
5/8"	1/2"	<b>BPF54</b>	6.93	25
5/8"	3/4"	<b>BPF56</b>	16.70	25
3/4"	1/2"	<b>BPF64</b>	8.01	25
3/4"	3/4"	<b>BPF66</b>	12.02	25
1"	3/4"	<b>BPF86</b>	16.60	10
1"	1"	<b>BPF88</b>	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"	<b>271-0402</b>	\$7.45	100
1/4"	1/4"	<b>271-0404</b>	6.17	100
3/8"	1/4"	<b>271-0604</b>	6.60	50
3/8"	3/8"	<b>271-0606</b>	7.40	50
1/2"	3/8"	<b>271-0806</b>	7.96	25
1/2"	1/2"	<b>271-0808</b>	10.00	20
3/4"	3/4"	<b>271-1212</b>	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	<b>273-0402</b>	\$4.32	100
1/4"	1/4"-18	<b>273-0404</b>	5.41	50
3/8"	1/8"-27	<b>273-0602</b>	7.26	50
3/8"	1/4"-18	<b>273-0604</b>	6.34	50
3/8"	3/8"-18	<b>273-0606</b>	7.36	25
1/2"	3/8"-18	<b>273-0806</b>	9.36	25
1/2"	1/2"-14	<b>273-0808</b>	11.76	25
3/4"	1/2"-14	<b>273-1208</b>	24.00	10
3/4"	3/4"-14	<b>273-1212</b>	22.90	10



**female NPSM swivel x push-on hose barb**  
gasket seat type

Hose ID	Female NPSM	Part #	Price/E	Opt Qty
1/4"	1/8"	<b>280-0402</b>	\$8.12	100
1/4"	1/4"	<b>280-0404</b>	6.02	100
3/8"	1/4"	<b>280-0604</b>	7.16	50
3/8"	3/8"	<b>280-0606</b>	8.67	50
3/8"	1/2"	<b>280-0608</b>	10.89	50
1/2"	1/2"	<b>280-0808</b>	9.82	25
5/8"	1/2"	<b>280-1008</b>	12.30	25
3/4"	3/4"	<b>280-1212</b>	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"	<b>BPFS21</b>	\$7.46	100
1/4"	1/4"	<b>BPFS22</b>	5.49	50
1/4"	3/8"	<b>BPFS23</b>	8.90	50
3/8"	1/4"	<b>BPFS32</b>	6.06	50
3/8"	3/8"	<b>BPFS33</b>	7.70	50
3/8"	1/2"	<b>BPFS34</b>	8.27	50
1/2"	1/2"	<b>BPFS44</b>	8.78	50
1/2"	3/4"	<b>BPFS46</b>	13.00	25
5/8"	3/4"	<b>BPFS56</b>	21.18	25
3/4"	3/4"	<b>BPFS66</b>	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.

### SAE Thread Size to UNF Thread Size Interchange

SAE Thread number	SAE Tube OD	UNF Thread size	SAE Thread number	SAE Tube OD	UNF Thread size
02	1/8"	5/16" - 24	07	7/16"	11/16" - 24
03	3/16"	3/8" - 24	08	1/2"	3/4" - 16
04	1/4"	7/16" - 20	10	5/8"	7/8" - 14
05	5/16"	1/2" - 20	12	3/4"	1-1/16" - 14
06	3/8"	5/8" - 18			

### 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	<b>282-0407</b>	<b>\$3.85</b>	100
1/4"	5/16"	1/2"-20	<b>282-0408</b>	<b>3.53</b>	100
3/8"	3/8"	5/8"-18 <sup>1</sup>	<b>282-0610</b>	<b>4.95</b>	50
1/2"	1/2"	3/4"-16	<b>282-0812</b>	<b>6.66</b>	50
5/8"	5/8"	7/8"-14	<b>282-1014</b>	<b>9.56</b>	25
3/4"	3/4"	1-1/16"-14 <sup>1</sup>	<b>282-1217</b>	<b>15.46</b>	25

<sup>1</sup> 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 <sup>1</sup>	<b>284-0410</b>	<b>\$6.30</b>	50
5/16"	3/8"	5/8"-18 <sup>1</sup>	<b>284-0510</b>	<b>6.44</b>	50
3/8"	3/8"	5/8"-18 <sup>1</sup>	<b>284-0610</b>	<b>5.05</b>	100
3/4"	3/4"	1-1/16"-14 <sup>1</sup>	<b>284-1217</b>	<b>13.00</b>	25

<sup>1</sup> 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	<b>290-0406</b>	<b>\$8.29</b>	100
1/4"	1/4"	7/16"-24	<b>290-0407<sup>1</sup></b>	<b>5.69</b>	100
1/4"	5/16"	1/2"-20	<b>290-0408</b>	<b>6.68</b>	100
5/16"	5/16"	1/2"-20	<b>290-0508</b>	<b>6.90</b>	50
5/16"	3/8"	5/8"-18	<b>290-0510</b>	<b>8.18</b>	50
3/8"	5/16"	1/2"-20	<b>290-0608</b>	<b>8.00</b>	100
3/8"	3/8"	5/8"-18	<b>290-0610</b>	<b>8.44</b>	50
1/2"	1/2"	3/4"-18	<b>290-0812<sup>1</sup></b>	<b>10.59</b>	50
5/8"	5/8"	7/8"-18	<b>290-1014<sup>1</sup></b>	<b>13.56</b>	25

<sup>1</sup> 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	<b>292-0406</b>	<b>\$4.20</b>	100
1/4"	1/4"	7/16"-24	<b>292-0407<sup>1</sup></b>	<b>3.82</b>	100
1/4"	5/16"	1/2"-20	<b>292-0408</b>	<b>4.25</b>	100
5/16"	5/16"	1/2"-20	<b>292-0508</b>	<b>4.25</b>	100
3/8"	5/16"	1/2"-20	<b>292-0608</b>	<b>5.76</b>	100
3/8"	3/8"	5/8"-18	<b>292-0610</b>	<b>5.49</b>	50
1/2"	1/2"	3/4"-18	<b>292-0812<sup>1</sup></b>	<b>8.18</b>	25

<sup>1</sup> 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.

### JIC Thread Size to UNF Thread Size Interchange

JIC Thread Number	JIC Tube OD	UNF Thread Size	JIC Thread Number	JIC Tube OD	UNF Thread Size
02	1/8"	5/16"- 24	12	3/4"	1-1/16" - 12
03	3/16"	3/8" - 24	14	7/8"	1-3/16" - 12
04	1/4"	7/16" - 20	16	1"	1-5/16" - 12
05	5/16"	1/2" - 20	20	1-1/4"	1-5/8" - 12
06	3/8"	9/16" - 18	24	1-1/2"	1-7/8" - 12
08	1/2"	3/4" - 16	28	1-3/4"	2-1/4" - 12
10	5/8"	7/8" - 14	32	2"	2-1/2" - 12

### 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	<b>286-0407</b>	<b>\$3.80</b>	100
1/4"	5/16"	1/2"-20	<b>286-0408</b>	<b>7.65</b>	50
1/4"	3/8"	9/16"-18	<b>286-0409</b>	<b>5.65</b>	100
3/8"	3/8"	9/16"-18	<b>286-0609</b>	<b>5.50</b>	50
1/2"	1/2"	3/4"-16	<b>286-0812</b>	<b>7.37</b>	25
5/8"	5/8"	7/8"-14	<b>286-1014</b>	<b>9.31</b>	25
3/4"	3/4"	1-1/16"-12	<b>286-1217</b> <sup>1</sup>	<b>14.25</b>	10

<sup>1</sup> 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	<b>288-0409</b>	<b>\$5.21</b>	50
5/16"	3/8"	9/16"-18	<b>288-0509</b>	<b>6.21</b>	50
3/8"	3/8"	9/16"-18	<b>288-0609</b>	<b>5.21</b>	50
1/2"	3/4"	9/16"-18	<b>288-0809</b>	<b>7.70</b>	25
3/4"	3/4"	1-1/16"-12	<b>288-1217</b> <sup>1</sup>	<b>13.49</b>	10
1"	1"	1-5/16"-12	<b>288-1621</b> <sup>1</sup>	<b>30.83</b>	10

<sup>1</sup> UN thread

Hose ID	Tube OD	Female UNF	303 SS Part #	Price/E	Opt Qty
3/8"	3/8"	9/16"-18	<b>288-0609SS</b>	<b>\$62.70</b>	50
3/4"	3/4"	1-1/16"-12	<b>288-1217SS</b>	<b>111.85</b>	10
1"	1"	1-5/16"-12	<b>288-1621SS</b>	<b>122.25</b>	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	<b>287-0407</b>	<b>\$3.96</b>	100
1/4"	5/16"	1/2"-20	<b>287-0408</b>	<b>5.27</b>	100
3/8"	5/16"	1/2"-20	<b>287-0608</b>	<b>7.34</b>	25
3/8"	1/2"	3/4"-16	<b>287-0612</b>	<b>6.30</b>	25
1/2"	1/2"	3/4"-16	<b>287-0812</b>	<b>6.36</b>	25
1/2"	5/8"	7/8"-14	<b>287-0814</b>	<b>9.11</b>	25
5/8"	5/8"	7/8"-14	<b>287-1014</b>	<b>9.71</b>	25
3/4"	5/8"	7/8"-14	<b>287-1214</b>	<b>18.28</b>	25

**NEW**

Hose ID	Tube OD	Female UNF	303 SS Part #	Price/E	Opt Qty
1/4"	1/4"	7/16"-20	<b>287-0407SS</b>	<b>\$46.95</b>	100
1/2"	1/2"	3/4"-16	<b>287-0812SS</b>	<b>65.45</b>	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	<b>289-0407</b> <sup>3</sup>	<b>\$27.00</b>	25
1/4"	1/4"	7/16"-20	<b>289-0407SAE</b> <sup>1</sup>	<b>35.72</b>	25
3/8"	3/8"	9/16"-18	<b>289-0609</b> <sup>3</sup>	<b>25.35</b>	25
3/8"	3/8"	5/8"-18	<b>289-0610SAE</b> <sup>1</sup>	<b>36.45</b>	25
1/2"	1/2"	3/4"-16	<b>289-0812</b> <sup>3</sup>	<b>31.10</b>	10
3/4"	3/4"	1-1/16"-12	<b>289-1217</b> <sup>2,3</sup>	<b>84.52</b>	5

<sup>1</sup> notch in nut for SAE identification

<sup>2</sup> UN thread

<sup>3</sup> 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

**NEW**

Hose ID	Tube OD	Brass		303 Stainless		Opt Qty
		Part #	Price/E	Part #	Price/E	
1/4"	3/16"	<b>294-0403</b>	<b>\$4.32</b>	---	---	100
1/4"	1/4"	<b>294-0404</b>	<b>2.93</b>	<b>294-0404SS</b>	<b>\$30.86</b>	100
1/4"	5/16"	<b>294-0405</b>	<b>4.00</b>	---	---	100
3/8"	3/8"	<b>294-0606</b>	<b>3.32</b>	<b>294-0606SS</b>	<b>28.57</b>	50
1/2"	1/2"	<b>294-0808</b>	<b>4.92</b>	<b>294-0808SS</b>	<b>33.06</b>	50
5/8"	5/8"	<b>294-1010</b>	<b>7.28</b>	---	---	25
3/4"	3/4"	<b>294-1212</b>	<b>11.29</b>	<b>294-1212SS</b>	<b>38.67</b>	25



### Push-On Hose Menders

Hose ID	Brass		303 Stainless		Opt Qty
	Part #	Price/E	Part #	Price/E	
1/4"	<b>BPM2</b>	<b>\$3.00</b>	<b>SSPM2</b>	<b>\$34.37</b>	100
5/16"	<b>BPM25</b>	<b>3.72</b>	---	---	100
3/8"	<b>BPM3</b>	<b>3.40</b>	<b>SSPM3</b>	<b>39.28</b>	50
1/2"	<b>BPM4</b>	<b>5.50</b>	<b>SSPM4</b>	<b>43.61</b>	50
5/8"	<b>BPM5</b>	<b>7.86</b>	---	---	20
3/4"	<b>BPM6</b>	<b>9.25</b>	---	---	15
1"	<b>BPM8</b>	<b>16.15</b>	---	---	10



### Push-On Caps

Hose ID	Part #	Price/E	Pkg Qty
1/4"	<b>2720400W</b>	<b>\$0.14</b>	100
5/16"	<b>2720500W</b>	<b>0.13</b>	100
3/8"	<b>2720600W</b>	<b>0.18</b>	100
1/2"	<b>2720800W</b>	<b>0.22</b>	100
5/8"	<b>2721000W</b>	<b>0.23</b>	50
3/4"	<b>2721200W</b>	<b>0.29</b>	50
1"	<b>2721600W</b>	<b>4.31</b>	25



- Sold in package quantities only.

## 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 tools 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"	<b>270AT</b>	<b>\$1143.00</b>

#### 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
<b>HHCI</b>	<b>\$222.00</b>

## 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

Hose ID	Hose OD	Brass Part #	Price/E	303 Stainless Steel Part #	Price/E	Opt Qty <sup>1</sup>
1/4"	1/2"	<b>1800408F</b>	<b>\$2.79</b>	<b>1800408FSS</b>	<b>\$35.20</b>	100
1/4"	9/16"	<b>1800409F</b>	<b>3.32</b>	<b>1800409FSS</b>	<b>34.37</b>	50
1/4"	5/8"	<b>1800410F</b>	<b>3.56</b>	<b>1800410FSS</b>	<b>34.55</b>	50
5/16"	9/16"	<b>1800509F</b>	<b>5.12</b>	<b>1800509FSS</b>	<b>35.62</b>	100
5/16"	5/8"	<b>1800510F</b>	<b>3.96</b>	<b>1800510FSS</b>	<b>35.46</b>	50
5/16"	11/16"	<b>1800511F</b>	<b>5.85</b>	---	---	50
3/8"	5/8"	<b>1800610F</b>	<b>3.73</b>	<b>1800610FSS</b>	<b>35.71</b>	50
3/8"	11/16"	<b>1800611F</b>	<b>4.40</b>	<b>1800611FSS</b>	<b>36.00</b>	50
3/8"	3/4"	<b>1800612F</b>	<b>3.91</b>	<b>1800612FSS</b>	<b>35.80</b>	50
1/2"	7/8"	<b>1800814F</b>	<b>8.42</b>	<b>1800814FSS</b>	<b>52.37</b>	25
1/2"	15/16"	<b>1800815F</b>	<b>9.63</b>	<b>1800815FSS</b>	<b>52.37</b>	25
1/2"	1"	<b>1800816F</b>	<b>10.89</b>	---	---	20

<sup>1</sup> stainless steel parts are packaged to order



### reusable male stems

Hose ID	Male NPTF Thread <sup>1</sup>	Brass Part #	Price/E	303 Stainless Steel Part #	Price/E	Opt Qty <sup>2</sup>
1/4"	1/8"	<b>1820402S</b>	<b>\$5.48</b>	<b>1820402SS</b>	<b>\$29.27</b>	100
1/4"	1/4"	<b>1820404S</b>	<b>3.51</b>	<b>1820404SS</b>	<b>34.12</b>	100
1/4"	3/8"	<b>1820406S</b>	<b>6.52</b>	---	---	50
5/16"	1/4"	<b>1820504S</b>	<b>4.15</b>	<b>1820504SS</b>	<b>32.10</b>	50
5/16"	3/8"	<b>1820506S</b>	<b>6.60</b>	---	---	50
3/8"	1/4"	<b>1820604S</b>	<b>3.63</b>	<b>1820604SS</b>	<b>35.70</b>	100
3/8"	3/8"	<b>1820606S</b>	<b>4.32</b>	<b>1820606SS</b>	<b>35.64</b>	50
3/8"	1/2"	<b>1820608S</b>	<b>8.14</b>	---	---	25
1/2"	1/4"	<b>1820804S</b>	<b>8.12</b>	---	---	50
1/2"	3/8"	<b>1820806S</b>	<b>7.95</b>	<b>1820806SS</b>	<b>42.55</b>	50
1/2"	1/2"	<b>1820808S</b>	<b>8.37</b>	<b>1820808SS</b>	<b>50.90</b>	25

<sup>1</sup> stainless steel parts have NPT threads

<sup>2</sup> stainless steel parts are packaged to order

## Reusable Fittings

## reusable male fittings

Hose ID	Hose OD	Male NPTF <sup>2</sup>	Brass Part #	Price/E	Opt Qty	303 Stainless <sup>1</sup> Part #	Price/E
1/4"	1/2"	1/8"	<b>BN21RU50</b>	<b>\$8.27</b>	100	<b>BN21RU50SS</b>	<b>\$64.45</b>
1/4"	9/16"	1/8"	<b>BN21RU56</b>	<b>8.80</b>	100	<b>BN21RU56SS</b>	<b>63.63</b>
1/4"	5/8"	1/8"	<b>BN21RU62</b>	<b>9.05</b>	100	<b>BN21RU62SS</b>	<b>63.81</b>
1/4"	1/2"	1/4"	<b>BN22RU50</b>	<b>6.30</b>	50	<b>BN22RU50SS</b>	<b>69.30</b>
1/4"	9/16"	1/4"	<b>BN22RU56</b>	<b>6.83</b>	50	<b>BN22RU56SS</b>	<b>68.49</b>
1/4"	5/8"	1/4"	<b>BN22RU62</b>	<b>7.07</b>	50	<b>BN22RU62SS</b>	<b>68.66</b>
1/4"	1/2"	3/8"	<b>BN23RU50</b>	<b>9.31</b>	50	---	---
1/4"	9/16"	3/8"	<b>BN23RU56</b>	<b>9.85</b>	50	---	---
1/4"	5/8"	3/8"	<b>BN23RU62</b>	<b>10.08</b>	50	---	---
5/16"	9/16"	1/4"	<b>BN252RU56</b>	<b>9.27</b>	50	<b>BN252RU56SS</b>	<b>67.71</b>
5/16"	5/8"	1/4"	<b>BN252RU62</b>	<b>8.25</b>	50	<b>BN252RU62SS</b>	<b>67.55</b>
5/16"	11/16"	1/4"	<b>BN252RU68</b>	<b>10.00</b>	50	---	---
5/16"	9/16"	3/8"	<b>BN253RU56</b>	<b>11.72</b>	50	---	---
5/16"	5/8"	3/8"	<b>BN253RU62</b>	<b>10.70</b>	50	---	---
5/16"	11/16"	3/8"	<b>BN253RU68</b>	<b>12.45</b>	50	---	---
3/8"	5/8"	1/4"	<b>BN32RU62</b>	<b>7.35</b>	50	<b>BN32RU62SS</b>	<b>71.80</b>
3/8"	11/16"	1/4"	<b>BN32RU68</b>	<b>8.02</b>	50	<b>BN32RU68SS</b>	<b>71.70</b>
3/8"	3/4"	1/4"	<b>BN32RU75</b>	<b>7.55</b>	50	<b>BN32RU75SS</b>	<b>71.50</b>
3/8"	5/8"	3/8"	<b>BN33RU62</b>	<b>8.05</b>	50	<b>BN33RU62SS</b>	<b>71.35</b>
3/8"	11/16"	3/8"	<b>BN33RU68</b>	<b>8.72</b>	50	<b>BN33RU68SS</b>	<b>71.64</b>
3/8"	3/4"	3/8"	<b>BN33RU75</b>	<b>8.23</b>	50	<b>BN33RU75SS</b>	<b>71.45</b>
3/8"	5/8"	1/2"	<b>BN34RU62</b>	<b>11.86</b>	50	---	---
3/8"	11/16"	1/2"	<b>BN34RU68</b>	<b>12.55</b>	50	---	---
3/8"	3/4"	1/2"	<b>BN34RU75</b>	<b>12.04</b>	50	---	---
1/2"	7/8"	1/4"	<b>BN42RU87</b>	<b>16.55</b>	25	---	---
1/2"	15/16"	1/4"	<b>BN42RU93</b>	<b>17.75</b>	25	---	---
1/2"	1"	1/4"	<b>BN42RU99</b>	<b>19.00</b>	25	---	---
1/2"	7/8"	3/8"	<b>BN43RU87</b>	<b>16.35</b>	25	<b>BN43RU87SS</b>	<b>94.91</b>
1/2"	15/16"	3/8"	<b>BN43RU93</b>	<b>17.56</b>	25	<b>BN43RU93SS</b>	<b>94.91</b>
1/2"	1"	3/8"	<b>BN43RU99</b>	<b>18.81</b>	25	---	---
1/2"	7/8"	1/2"	<b>BN44RU87</b>	<b>16.41</b>	25	<b>BN44RU87SS</b>	<b>103.27</b>
1/2"	15/16"	1/2"	<b>BN44RU93</b>	<b>18.00</b>	25	<b>BN44RU93SS</b>	<b>103.27</b>
1/2"	1"	1/2"	<b>BN44RU99</b>	<b>19.25</b>	25	---	---



<sup>1</sup> stainless steel reusable fittings are packaged to order

<sup>2</sup> stainless steel fittings have NPT threads

## Reusable Fittings

### reusable female swivel stems

Brass Part #	Hose ID	Female NPSM	Price/E	Opt Qty
<b>1840404A</b>	1/4"	1/4"-18	<b>\$6.10</b>	50
<b>1840406A</b>	1/4"	3/8"-18	<b>9.67</b>	50
<b>1840504A</b>	5/16"	1/4"-18	<b>6.82</b>	50
<b>1840604A</b>	3/8"	1/4"-18	<b>7.00</b>	50
<b>1840606A</b>	3/8"	3/8"-18	<b>8.60</b>	50
<b>1840808A</b>	1/2"	1/2"-14	<b>10.75</b>	25



### reusable female swivels

Brass Part #	Hose ID	Female NPSM	Hose OD	Price/E	Opt Qty
<b>185-4084</b>	1/4"	1/4"	1/2"	<b>\$8.90</b>	50
<b>185-4094</b>	1/4"	1/4"	9/16"	<b>9.40</b>	50
<b>185-4104</b>	1/4"	1/4"	5/8"	<b>9.65</b>	50
<b>185-4086</b>	1/4"	3/8"	1/2"	<b>12.46</b>	50
<b>185-4096</b>	1/4"	3/8"	9/16"	<b>13.00</b>	50
<b>185-4106</b>	1/4"	3/8"	5/8"	<b>13.23</b>	50
<b>185-5094</b>	5/16"	1/4"	9/16"	<b>11.93</b>	50
<b>185-5104</b>	5/16"	1/4"	5/8"	<b>10.91</b>	50
<b>185-5114</b>	5/16"	1/4"	11/16"	<b>12.65</b>	50
<b>185-6104</b>	3/8"	1/4"	5/8"	<b>10.72</b>	50
<b>185-6114</b>	3/8"	1/4"	11/16"	<b>11.40</b>	50
<b>185-6124</b>	3/8"	1/4"	3/4"	<b>10.90</b>	50
<b>185-6106</b>	3/8"	3/8"	5/8"	<b>12.30</b>	50
<b>185-6116</b>	3/8"	3/8"	11/16"	<b>13.00</b>	50
<b>185-6126</b>	3/8"	3/8"	3/4"	<b>12.50</b>	50
<b>185-8148</b>	1/2"	1/2"	7/8"	<b>19.16</b>	20
<b>185-8158</b>	1/2"	1/2"	15/16"	<b>20.37</b>	20
<b>185-8168</b>	1/2"	1/2"	1"	<b>21.63</b>	20



### reusable hose splicers

Brass Part #	Hose ID	Hose OD	Price/E	Opt Qty
<b>187-0408</b>	1/4"	1/2"	<b>\$9.92</b>	50
<b>187-0409</b>	1/4"	9/16"	<b>10.97</b>	50
<b>187-0410</b>	1/4"	5/8"	<b>11.45</b>	50
<b>187-0610</b>	3/8"	5/8"	<b>12.05</b>	25
<b>187-0611</b>	3/8"	11/16"	<b>13.40</b>	25
<b>187-0612</b>	3/8"	3/4"	<b>12.40</b>	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" ID 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	Price/E
<i>GWH-0800</i>	8"	<b>\$12.14</b>
<i>GWH-1200</i>	12"	<b>14.25</b>
<b>NEW</b> <i>GWH1200R<sup>1</sup></i>	12"	<b>19.40</b>
<i>GWH-1800</i>	18"	<b>17.91</b>
<b>NEW</b> <i>GWH1800R<sup>1</sup></i>	18"	<b>23.08</b>
<i>GWH-2400</i>	24"	<b>21.55</b>
<i>GWH-3600</i>	36"	<b>28.80</b>
<i>GWH-4800</i>	48"	<b>36.09</b>
<i>GWH-6000</i>	60"	<b>43.27</b>

<sup>1</sup> retail packaging

## 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
<i>GWH-C</i>	grease hose coupler with ball check - valved shutoff	<b>\$8.15</b>	25
<i>GWHC-FF</i>	full flow grease hose coupler	<b>8.15</b>	25

### male NPT thread - chamfered base



Brass Part #	Description	Price/E	Pkg Qty
<i>001-0055</i>	1/8"-27 male NPT thread, drilled and chamfered base	<b>\$3.30</b>	100

### male NPT thread - solid base



Brass Part #	Description	Price/E	Pkg Qty
<i>001-0260</i>	1/8"-27 male NPT thread, solid base	<b>\$2.69</b>	100

### female NPT thread



Brass Part #	Description	Price/E	Pkg Qty
<i>001-0860</i>	1/8"-27 female NPT thread	<b>\$5.20</b>	100

## Grease Whip Fittings



Zinc Plated Steel Part #	Threads	Description	Overall Length	Thread Length	Hex	Price/E	Pkg Qty
<i>GWHZ000</i>	1/8-27 NPT	straight	.660	.260	.430	<b>\$0.81</b>	100
<i>GWHZ045</i>	1/8-27 NPT	45°	.860	.280	.430	<b>1.11</b>	100
<i>GWHZ090</i>	1/8-27 NPT	90°	.830	.310	.430	<b>1.12</b>	100
<i>GWHZ400</i>	1/4-28 tapered SAE-LT	straight	.530	.200	.312	<b>0.63</b>	100
<i>GWHZ445</i>	1/4-28 tapered SAE-LT	45°	.800	.200	.375	<b>1.13</b>	100
<i>GWHZ490</i>	1/4-28 tapered SAE-LT	90°	1.20	.200	.375	<b>1.13</b>	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"	<b>OA69</b>	<b>\$5.42</b>	3/8"-24	7/16"
3/16"	<b>OA70</b>	<b>4.18</b>	9/16"-18	11/16"
1/4"	<b>OA71</b>	<b>3.75</b>	9/16"-18	11/16"
5/16"	<b>OA72</b>	<b>4.80</b>	9/16"-18	11/16"
3/8"	<b>OA73</b>	<b>4.31</b>	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"	<b>OA59</b>	<b>\$5.41</b>	3/8"-24	7/16"
3/16"	<b>OA60</b>	<b>4.07</b>	9/16"-18	11/16"
1/4"	<b>OA61</b>	<b>3.78</b>	9/16"-18	11/16"
5/16"	<b>OA62</b>	<b>4.75</b>	9/16"-18	11/16"
3/8"	<b>OA63</b>	<b>4.28</b>	9/16"-18	11/16"



## Oxy-Acetylene Connecting Spuds

**left-hand thread x left-hand thread**

Brass Part #	Price/E	Left UNF Thread	Hex
<b>OA52</b>	<b>\$4.53</b>	9/16"-18	11/16"



**right-hand thread x right-hand thread**

Brass Part #	Price/E	Right UNF Thread	Hex
<b>OA50</b>	<b>\$4.05</b>	9/16"-18	11/16"



## Oxy-Acetylene Adapters

**left-hand thread x NPTF**

Brass Part #	Price/E	Left UNF Thread	NPTF Thread	Hex
<b>158-0904</b>	<b>\$3.45</b>	9/16"-18	1/4"	5/8"
<b>158-0906</b>	<b>4.67</b>	9/16"-18	3/8"	11/16"



**right-hand thread x NPTF**

Brass Part #	Price/E	Right UNF Thread	NPTF Thread	Hex
<b>156-0904</b>	<b>\$3.42</b>	9/16"-18	1/4"	5/8"
<b>156-0906</b>	<b>4.28</b>	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
<b>BFO448</b>	<b>\$0.71</b>	.458" x 0.890"	15/32"	.019"	9116	25
<b>BFO474</b>	<b>0.52</b>	.474" x 0.943"	15/32"	.019"	9979	25
<b>BFO535</b>	<b>0.85</b>	.535" x 1.071"	3/4"	.024"	9940P	25
<b>BFO593</b>	<b>0.78</b>	.593" x 1.109"	3/4"	.024"	9593	25
<b>BFO700</b>	<b>3.65</b>	.700" x 1.325"	.719"	.025"	8337	25



**NEW**

## Lead Free Fittings

**Application:**

- For use where "Lead Free" fittings are required

**Conforms To:**

- Safe Water Drinking Act (SWDA) of Jan. 4, 2014
- California AB1953
- RoHS Compliant

**Materials:**

- Lead free brass  $\leq 0.25\%$  lead
- Alloy CA2745
- Alloy C46400

## Male Hose Barbs - NPT



Hose ID x Male NPT Thread	Brass Part #	Price/E
3/16" x 1/8"	1020302CLF	\$8.81
1/4" x 1/8"	1020402CLF	7.57
1/4" x 1/4"	1020404CLF	7.52
5/16" x 1/8"	1020502CLF	8.88
5/16" x 1/4"	1020504CLF	8.89
3/8" x 1/8"	1020602CLF	9.01
3/8" x 1/4"	1020604CLF	8.06
3/8" x 3/8"	1020606CLF	11.49
3/8" x 1/2"	1020608CLF	14.80
1/2" x 1/4"	1020804CLF	12.92
1/2" x 3/8"	1020806CLF	11.75
1/2" x 1/2"	1020808CLF	17.28
5/8" x 1/2"	1021008CLF	18.33
3/4" x 1/2"	1021208CLF	21.27
3/4" x 3/4"	1021212CLF	27.23

## Female Hose Barbs - Solid - NPT



Hose ID x Female NPT Thread	Brass Part #	Price/E
1/4" x 1/4"	1040404CLF	\$13.16
3/8" x 1/4"	1040604CLF	13.18
3/8" x 3/8"	1040606CLF	17.49
3/8" x 1/2"	1040608CLF	24.61
1/2" x 1/2"	1040808CLF	25.50

## 90° Elbows - NPT



Hose ID x Male NPT Thread	Brass Part #	Price/E
1/4" x 1/4"	1290404CLF	\$15.86
3/8" x 1/4"	1290604CLF	32.57
3/8" x 3/8"	1290606CLF	12.96

## Female Swivel Hose Barbs - Dual Angle Seat



Hose ID x Tube OD x UNF Thread	Brass Part #	Price/E
1/4" x 1/4" x 7/16-20	1430407KLF	\$6.43

## Lead Free Fittings

### Solid Hex Head Plug - NPT

**NEW**

NPT Thread	Brass Part #	Price/E
1/8"	<b>1630200CLF</b>	<b>\$2.36</b>
1/4"	<b>1630400CLF</b>	<b>3.16</b>



### Close Pipe Nipples - NPT

NPT Thread x NPT Thread	Brass Part #	Price/E
1/8" x 1/8"	<b>1650202CLF</b>	<b>\$3.24</b>
1/4" x 1/4"	<b>1650404CLF</b>	<b>4.74</b>
3/8" x 3/8"	<b>1650606CLF</b>	<b>6.56</b>
1/2" x 1/2"	<b>1650808CLF</b>	<b>8.03</b>
3/4" x 3/4"	<b>1651212CLF</b>	<b>13.54</b>



### Long Pipe Nipples - NPT

NPT Thread x OAL	Brass Part #	Price/E
1/8" x 3"	<b>1660230CLF</b>	<b>\$10.59</b>
1/8" x 4"	<b>1660240CLF</b>	<b>8.46</b>
1/4" x 1 1/2"	<b>1660415CLF</b>	<b>6.44</b>
1/4" x 2"	<b>1660420CLF</b>	<b>9.27</b>
1/4" x 3"	<b>1660430CLF</b>	<b>16.40</b>
1/4" x 4"	<b>1660440CLF</b>	<b>11.39</b>
3/8" x 1 1/2"	<b>1660615CLF</b>	<b>9.02</b>
3/8" x 2"	<b>1660620CLF</b>	<b>11.42</b>
3/8" x 2 1/2"	<b>1660625CLF</b>	<b>14.89</b>
3/8" x 3"	<b>1660630CLF</b>	<b>17.56</b>
3/8" x 4"	<b>1660640CLF</b>	<b>19.53</b>
1/2" x 1 1/2"	<b>1660815CLF</b>	<b>11.22</b>



### Hose Splicers

Hose ID x Hose ID	Brass Part #	Price/E
1/4" x 1/4"	<b>1780404CLF</b>	<b>\$9.27</b>
3/8" x 3/8"	<b>1780606CLF</b>	<b>10.38</b>
1/2" x 1/2"	<b>1780808CLF</b>	<b>11.59</b>



### Hose Barb Tee Splicers

Hose ID	Brass Part #	Price/E
1/4" x 1/4" x 1/4"	<b>1790404CLF</b>	<b>\$9.76</b>
3/8" x 3/8" x 3/8"	<b>1790606CLF</b>	<b>10.22</b>



### Pipe Caps - NPT

NPT Thread	Brass Part #	Price/E
1/8"	<b>2130200CLF</b>	<b>\$3.10</b>
1/4"	<b>2130400CLF</b>	<b>3.72</b>
3/8"	<b>2130600CLF</b>	<b>6.20</b>
1/2"	<b>2130800CLF</b>	<b>10.77</b>
3/4"	<b>2131200CLF</b>	<b>15.66</b>



**NEW**

## Lead Free Fittings

## Push-On Male NPT Hose Barbs



Hose ID x Male NPT Thread	Brass Part #	Price/E
1/4" x 1/8"	<b>2720402CLF</b>	<b>\$5.38</b>
1/4" x 1/4"	<b>2720404CLF</b>	<b>7.10</b>
3/8" x 1/4"	<b>2720604CLF</b>	<b>7.33</b>
3/8" x 3/8"	<b>2720606CLF</b>	<b>9.99</b>
1/2" x 3/8"	<b>2720806CLF</b>	<b>11.52</b>
1/2" x 1/2"	<b>2720808CLF</b>	<b>19.02</b>

## Push-On Female Swivel Hose Barb - Dual Angle



Hose ID x Tube OD x UNF Thread	Brass Part #	Price/E
1/4" x 1/4" x 7/16"-20	<b>2870407CLF</b>	<b>\$7.57</b>

## 90° Female Pipe Elbows - NPT



NPT Thread	Brass Part #	Price/E
1/4"	<b>3020404CLF</b>	<b>\$26.79</b>
3/8"	<b>3020606CLF</b>	<b>26.46</b>
1/2"	<b>3020808CLF</b>	<b>30.32</b>
3/4"	<b>3021212CLF</b>	<b>79.07</b>

## 90° Street Elbows - NPT



NPT Thread	Brass Part #	Price/E
1/8" x 1/8"	<b>3040202CLF</b>	<b>\$16.58</b>
1/4" x 1/4"	<b>3040404CLF</b>	<b>10.46</b>
3/8" x 3/8"	<b>3040606CLF</b>	<b>14.70</b>
1/2" x 1/2"	<b>3040808CLF</b>	<b>28.33</b>

## Female Pipe Tees - NPT



NPT Thread	Brass Part #	Price/E
1/8"	<b>3220202CLF</b>	<b>\$20.17</b>
1/4"	<b>3220404CLF</b>	<b>19.36</b>
3/8"	<b>3220606CLF</b>	<b>25.71</b>
1/2"	<b>3220808CLF</b>	<b>39.38</b>
3/4"	<b>3221212CLF</b>	<b>124.45</b>

## Male Branch Tees - NPT



NPT Thread	Brass Part #	Price/E
3/8"	<b>3240606CLF</b>	<b>\$46.88</b>

## Lead Free Fittings

## Street Tee - NPT

**NEW**

NPT Thread	Brass Part #	Price/E
1/4"	<b>326040CLF</b>	<b>\$40.03</b>



## Male Hex Nipples - NPT

NPT Thread	Brass Part #	Price/E
1/8" x 1/8"	<b>3700202CLF</b>	<b>\$4.47</b>
1/4" x 1/4"	<b>3700404CLF</b>	<b>7.63</b>
3/8" x 3/8"	<b>3700606CLF</b>	<b>9.95</b>
1/2" x 1/2"	<b>3700808CLF</b>	<b>17.81</b>



## Female Hex Couplings - NPT

NPT Thread	Brass Part #	Price/E
1/8" x 1/8"	<b>3710202CLF</b>	<b>\$10.51</b>
1/4" x 1/4"	<b>3710404CLF</b>	<b>11.70</b>
3/8" x 3/8"	<b>3710606CLF</b>	<b>17.48</b>
1/2" x 1/2"	<b>3710808CLF</b>	<b>19.76</b>



## Reducer Bushings - NPT

Male NPT x Female NPT Thread	Brass Part #	Price/E
1/4" x 1/8"	<b>3730402CLF</b>	<b>\$4.30</b>
3/8" x 1/4"	<b>3730604CLF</b>	<b>6.06</b>
1/2" x 1/4"	<b>3730804CLF</b>	<b>11.67</b>
1/2" x 3/8"	<b>3730806CLF</b>	<b>10.05</b>
3/4" x 1/2"	<b>3731208CLF</b>	<b>15.53</b>



## Adapters - NPT

Female NPT x Male NPT Thread	Brass Part #	Price/E
1/4" x 1/8"	<b>3750402CLF</b>	<b>\$8.96</b>
1/4" x 1/4"	<b>3750404CLF</b>	<b>12.03</b>
3/8" x 1/4"	<b>3750604CLF</b>	<b>15.61</b>
1/2" x 1/2"	<b>3750808CLF</b>	<b>25.38</b>
3/4" x 3/4"	<b>3751212CLF</b>	<b>38.25</b>



## Reducer Couplers - NPT

Female NPT x Female NPT Thread	Brass Part #	Price/E
1/2" x 3/8"	<b>3770806CLF</b>	<b>\$17.74</b>
3/4" x 1/2"	<b>3771208CLF</b>	<b>23.18</b>



## Female Hose x Female Pipe NPT Swivel

GH Thread x NPT Thread	Brass Part #	Price/E
3/4" x 1/2"	<b>5021208CLF</b>	<b>\$23.52</b>
3/4" x 3/4"	<b>5021212CLF</b>	<b>33.19</b>



**NEW**

## Lead Free Fittings

## Female Hose x Female Hose Swivel

Female GH x Female GH	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{3}{4}$ "	<b>5061212CLF</b>	<b>\$39.85</b>



## Male Hose x Female Pipe Adapter

Male GH x Female NPT	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{3}{4}$ "	<b>5071212CLF</b>	<b>\$20.83</b>



## Male Hose x Male Pipe Adapter

Male GH x Male NPT	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{1}{2}$ "	<b>5081208CLF</b>	<b>\$18.77</b>



## Male Hose x Male Hose x Female Pipe

Male GH x Male GH x Female NPT	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ "	<b>5091212CLF</b>	<b>\$19.67</b>



## Male Hose x Male Pipe x Female Pipe

Male GH x Male NPT x Female NPT	Brass Part #	Price/E
$\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ "	<b>5141212CLF</b>	<b>\$19.03</b>



## Male Garden Hose

Hose ID x Male GH	Brass Part #	Price/E
$\frac{1}{2}$ " x $\frac{3}{4}$ "	<b>5900812CLF</b>	<b>\$15.08</b>
$\frac{5}{8}$ " x $\frac{3}{4}$ "	<b>5901012CLF</b>	<b>15.08</b>
$\frac{3}{4}$ " x $\frac{3}{4}$ "	<b>5901212CLF</b>	<b>15.08</b>



## Female Garden Hose Swivel Fittings

Hose ID x Female GH	Brass Part #	Price/E
$\frac{1}{2}$ " x $\frac{3}{4}$ "	<b>5910812CLF</b>	<b>\$17.20</b>
$\frac{5}{8}$ " x $\frac{3}{4}$ "	<b>5911012CLF</b>	<b>17.20</b>
$\frac{3}{4}$ " x $\frac{3}{4}$ "	<b>5911212CLF</b>	<b>17.20</b>

## 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
- made from non-toxic ingredients conforming to FDA and 3A standards
- shipped in individually boxed bundles, *sold only in lengths shown below*
- maximum temperature: **175°F**

Size		Working Pressure (PSI) @ 72°F	Length	PVC	
ID	OD			Part #	Price/E
3/16"	5/16"	55	100'	<b>CL0305</b>	<b>\$46.00</b>
1/4"	3/8"	55	100'	<b>CL0406</b>	<b>62.75</b>
1/4"	1/2"	70	100'	<b>CL0408</b>	<b>117.00</b>
5/16"	7/16"	50	100'	<b>CL0507</b>	<b>63.75</b>
3/8"	1/2"	40	100'	<b>CL0608</b>	<b>72.25</b>
3/8"	5/8"	65	100'	<b>CL0610</b>	<b>153.00</b>
1/2"	5/8"	30	100'	<b>CL0810</b>	<b>101.00</b>
1/2"	3/4"	45	100'	<b>CL0812</b>	<b>184.00</b>
5/8"	7/8"	40	100'	<b>CL1014</b>	<b>250.00</b>
3/4"	1"	35	100'	<b>CL1216</b>	<b>258.00</b>
1"	1-1/4"	28	100'	<b>CL1620</b>	<b>340.00</b>
1-1/4"	1-3/4"	45	50'	<b>CL2028-50</b>	<b>520.00</b>
1-1/2"	2"	40	50'	<b>CL2432-50</b>	<b>545.00</b>



### imported

### Features:

- temperature range: **14°F to 149°F**
- shipped in bundles wrapped with PVC film, *sold only in lengths shown below*

Size		Working Pressure (PSI) @ 72°F	Length	PVC	
ID	OD			Part #	Price/E
1/4"	3/8"	50	100'	<b>ICL0406</b>	<b>\$25.50</b>
3/8"	1/2"	35	100'	<b>ICL0608</b>	<b>35.45</b>
1/2"	5/8"	35	100'	<b>ICL0810</b>	<b>46.30</b>
1/2"	3/4"	50	100'	<b>ICL0812</b>	<b>100.90</b>
3/4"	1"	35	100'	<b>ICL1216</b>	<b>143.50</b>
1"	1 1/4"	30	100'	<b>ICL1620</b>	<b>178.55</b>
1 1/2"	2"	15	50'	<b>ICL2432</b>	<b>290.55</b>

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## 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*

Size		Working Pressure (PSI) @ 72°F	Length	PVC	
ID	OD			Part #	Price/E
3/16"	.394	315	300'	<b>BR0306</b>	<b>\$300.00</b>
1/4"	.435	315	300'	<b>BR0446</b>	<b>360.00</b>
3/8"	.625	265	300'	<b>BR0609</b>	<b>651.50</b>
1/2"	.728	215	300'	<b>BR0812</b>	<b>560.00</b>
5/8"	.906	200	300'	<b>BR1014</b>	<b>830.00</b>
3/4"	1.024	150	300'	<b>BR1218</b>	<b>820.00</b>
1"	1.375	185	200'	<b>BR1621</b>	<b>1420.00</b>
1-1/4"	1.732	110	100'	<b>BR2027</b>	<b>890.00</b>
1-1/2"	1.950	90	100'	<b>BR2431</b>	<b>1775.00</b>



### 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*

Size		Working Pressure (PSI) @ 72°F	Length	PVC	
ID	OD			Part #	Price/E
1/4"	1/2"	142	300'	<b>IBR0446</b>	<b>\$191.00</b>
3/8"	5/8"	114	300'	<b>IBR0609</b>	<b>246.25</b>
1/2"	3/4"	100	300'	<b>IBR0812</b>	<b>310.00</b>
3/4"	1-1/16"	71	300'	<b>IBR1218</b>	<b>661.30</b>
1"	1-5/16"	71	200'	<b>IBR1621</b>	<b>513.10</b>

## PVC Tubing and Hose Cutters


**Features:**

- rugged construction cuts up to 3/4" tubing or hose
- corrosion resistant hardened steel blade ensures straight, crisp cuts for optimum fit

Part #	Price/E
<b>TC97</b>	<b>\$17.00</b>
<b>TC97RB</b>	<b>5.85</b>


**Features:**

- cuts low pressure fabric reinforced hose up to 1" OD
- reversible blade

Part #	Price/E
<b>HC90</b>	<b>\$26.70</b>
<b>HC90RB</b> (replacement blade)	<b>11.15</b>

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**Features:**

- cuts hose and tubing up to 1 7/8" OD
- tough fiberglass reinforced handle
- stainless steel blade

Part #	Price/E
<b>LHC95</b>	<b>\$47.70</b>
<b>LHC95RB</b> (replacement blade)	<b>19.00</b>

## 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
- 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"	<b>TN21</b>	<b>\$0.68</b>	50	<b>PPN21</b>	<b>\$0.84</b>	50
	1/4"	<b>TN22</b>	<b>0.70</b>	50	<b>PPN22</b>	<b>0.82</b>	50
	3/8"	<b>TN23</b>	<b>0.76</b>	50	<b>PPN23</b>	<b>0.85</b>	50
	1/2"	<b>TN24</b>	<b>0.87</b>	50	<b>PPN24</b>	<b>0.88</b>	50
	3/4"	<b>TN26</b>	<b>0.91</b>	50	---	---	---
5/16"	1"	<b>TN28</b>	<b>1.40</b>	50	---	---	---
	1/4"	<b>TN252</b>	<b>0.70</b>	50	---	---	---
3/8"	1/8"	<b>TN31</b>	<b>0.80</b>	50	<b>PPN31</b>	<b>0.84</b>	50
	1/4"	<b>TN32</b>	<b>0.88</b>	50	<b>PPN32</b>	<b>0.81</b>	50
	3/8"	<b>TN33</b>	<b>0.92</b>	50	<b>PPN33</b>	<b>0.82</b>	50
	1/2"	<b>TN34</b>	<b>1.00</b>	50	<b>PPN34</b>	<b>0.95</b>	50
1/2"	3/4"	<b>TN36</b>	<b>1.10</b>	50	<b>PPN36</b>	<b>0.90</b>	50
	1/8"	<b>TN41</b>	<b>0.92</b>	50	---	---	---
	1/4"	<b>TN42</b>	<b>0.77</b>	50	<b>PPN42</b>	<b>0.84</b>	50
	3/8"	<b>TN43</b>	<b>0.79</b>	50	<b>PPN43</b>	<b>0.90</b>	50
5/8"	1/2"	<b>TN44</b>	<b>0.91</b>	50	<b>PPN44</b>	<b>0.73</b>	50
	3/4"	<b>TN46</b>	<b>1.05</b>	50	<b>PPN46</b>	<b>1.10</b>	50
	3/8"	<b>TN53</b>	<b>0.87</b>	50	---	---	---
3/4"	1/2"	<b>TN54</b>	<b>0.94</b>	50	<b>PPN54</b>	<b>0.94</b>	50
	3/4"	<b>TN56</b>	<b>1.10</b>	50	<b>PPN56</b>	<b>1.15</b>	50
	1"	<b>TN63</b>	<b>0.83</b>	50	---	---	---
1"	1/2"	<b>TN64</b>	<b>1.07</b>	50	<b>PPN64</b>	<b>1.00</b>	50
	3/4"	<b>TN66</b>	<b>1.17</b>	50	<b>PPN66</b>	<b>0.93</b>	50
	1"	<b>TN68</b>	<b>1.37</b>	25	<b>PPN68</b>	<b>1.40</b>	25
1-1/4"	3/4"	<b>TN86</b>	<b>1.30</b>	25	<b>PPN86</b>	<b>1.30</b>	25
	1"	<b>TN88</b>	<b>1.56</b>	25	<b>PPN88</b>	<b>1.49</b>	25
1-1/2"	1"	<b>TN158</b>	<b>2.35</b>	15	---	---	---
	1 1/4"	<b>TN150</b>	<b>3.80</b>	10	<b>PPN150</b>	<b>3.11</b>	10
	1 1/2"	<b>TN1520</b>	<b>4.10</b>	10	---	---	---
2"	1 1/4"	<b>TN2015</b>	<b>3.95</b>	10	---	---	---
	1 1/2"	<b>TN200</b>	<b>4.10</b>	10	<b>PPN200</b>	<b>3.20</b>	10
2"	2"	<b>TN250</b>	<b>6.05</b>	5	<b>PPN250</b>	<b>4.55</b>	5



nylon



polypropylene

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## Female Inserts

### hose shank x female NPT

Hose Size	Female NPT	Nylon	
		Part #	Price/E
1/4"	1/4"	<b>TFS22</b>	<b>\$3.30</b>
1/4"	1/2"	<b>TFS42</b>	<b>3.45</b>
1/2"	1/2"	<b>TFS44</b>	<b>3.20</b>
3/4"	3/4"	<b>TFS66</b>	<b>3.80</b>



## 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"	<b>TF22</b>	<b>\$0.92</b>
3/8"	3/8"	<b>TF33</b>	<b>1.07</b>

## 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 376

### nylon short shank couplings

Hose Shank	Thread Size	female		male		Pkg Qty
		Part #	Price/E	Part #	Price/E	
1/4"	3/4" NPSM	<b>TCF62</b>	<b>\$1.55</b>	<b>TN26</b>	<b>\$0.91</b>	50
3/8"	3/4" NPSM	<b>TCF63</b>	<b>1.55</b>	<b>TN36</b>	<b>1.10</b>	50
1/2"	3/4" NPSM	<b>TCF64</b>	<b>1.60</b>	<b>TN46</b>	<b>1.05</b>	50
5/8"	3/4" NPSM	<b>TCF65</b>	<b>1.65</b>	<b>TN56</b>	<b>1.10</b>	50
3/4"	3/4" NPSM	<b>TCF66</b>	<b>1.65</b>	<b>TN66</b>	<b>1.17</b>	50
1/4"	3/4" GHT	<b>TCF72</b>	<b>1.85</b>	<b>TCM72</b>	<b>0.95</b>	--
3/8"	3/4" GHT	<b>TCF73</b>	<b>1.85</b>	<b>TCM73</b>	<b>1.00</b>	--
1/2"	3/4" GHT	<b>TCF74</b>	<b>1.90</b>	<b>TCM74</b>	<b>1.05</b>	--
5/8"	3/4" GHT	<b>TCF75</b>	<b>1.95</b>	<b>TCM75</b>	<b>1.05</b>	--
3/4"	3/4" GHT	<b>TCF76</b>	<b>1.95</b>	<b>TCM76</b>	<b>1.05</b>	--

### Feature:

- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 376
- 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	<b>PPCF72</b>	<b>\$1.90</b>	---	---
3/8"	3/4" GHT	<b>PPCF73</b>	<b>1.90</b>	<b>PPCM73</b>	<b>\$1.10</b>
1/2"	3/4" GHT	<b>PPCF74</b>	<b>1.90</b>	<b>PPCM74</b>	<b>1.15</b>
5/8"	3/4" GHT	<b>PPCF75</b>	<b>1.90</b>	<b>PPCM75</b>	<b>1.15</b>
3/4"	3/4" GHT	<b>PPCF76</b>	<b>2.00</b>	<b>PPCM76</b>	<b>1.20</b>

## Reducing Bushings

**male NPT x female NPT**



Male NPT	Female NPT	Nylon	
		Part #	Price/E
3/8"	1/4"	<b>THB32</b>	<b>\$1.90</b>
1/2"	1/4"	<b>THB42</b>	<b>2.00</b>
1/2"	3/8"	<b>THB43</b>	<b>2.00</b>
3/4"	1/2"	<b>THB64</b>	<b>2.35</b>
1"	3/4"	<b>THB86</b>	<b>3.20</b>

## 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"	<b>TA994</b>	<b>\$4.35</b>	25
3/4"	3/4"	<b>TA996</b>	<b>4.70</b>	25



### Male GHT x Female NPT Adapters

- Parts showing package quantities are sold in package quantities only.

### male GHT x female NPT

Female NPT	Nylon			Polypropylene		
	Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
1/4"	<b>TA792</b>	<b>\$1.45</b>	50	<b>PPA792</b>	<b>\$2.95</b>	50
3/8"	<b>TA793</b>	<b>1.50</b>	50	---	---	--
1/2"	<b>TA794</b>	<b>1.51</b>	50	<b>PPA794</b>	<b>2.85</b>	50
3/4"	<b>TA796</b>	<b>1.60</b>	50	<b>PPA796</b>	<b>2.98</b>	25



nylon



polypropylene

### Female GHT x NPT Adapters

- Parts showing package quantities are sold in package quantities only.

### female GHT x male NPT

### female GHT x female NPT

Male NPT	Nylon			Female NPT	Nylon		
	Part #	Price/E	Pkg Qty		Part #	Price/E	Pkg Qty
1/4"	<b>TA972</b>	<b>\$1.46</b>	50	---	---	---	---
3/8"	<b>TA973</b>	<b>1.50</b>	50	---	---	---	---
1/2"	<b>TA974</b>	<b>1.53</b>	50	1/2"	<b>TA974F</b>	<b>\$4.30</b>	50
3/4"	<b>TA976</b>	<b>1.55</b>	50	3/4"	<b>TA976F</b>	<b>6.90</b>	50



nylon

### Male GHT x Male NPT Adapters

- Parts showing package quantities are sold in package quantities only.

### male GHT x male NPT

Male NPT	Nylon			Polypropylene		
	Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
1/4"	<b>TA772</b>	<b>\$0.95</b>	50	---	---	---
3/8"	<b>TA773</b>	<b>1.05</b>	50	<b>PPA773</b>	<b>\$1.15</b>	50
1/2"	<b>TA774</b>	<b>1.15</b>	50	<b>PPA774</b>	<b>1.15</b>	50
3/4"	<b>TA776</b>	<b>1.15</b>	50	<b>PPA776</b>	<b>1.15</b>	50
1"	<b>TA778</b>	<b>1.60</b>	25	---	---	---



nylon



polypropylene

### Male NPT x Female Swivel Adapters

**Features:**

- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 376

### male NPT x female threaded swivel nut

Male NPT	Female Thread	Nylon	
		Part #	Price/E
1/4"	3/4" GHT	<b>TSA72</b>	<b>\$1.90</b>
3/8"	3/4" GHT	<b>TSA73</b>	<b>1.95</b>
1/4"	3/4" NPS	<b>TSA62</b>	<b>1.90</b>
3/8"	3/4" NPS	<b>TSA63</b>	<b>2.00</b>



### Nuts

### female threaded swivel nuts

Female Thread	Nylon	
	Part #	Price/E
3/4" NPS	<b>TCF6</b>	<b>\$0.66</b>
3/4" GHT	<b>TCF7</b>	<b>0.62</b>



## 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"	<b>TLFS44</b>		<b>\$2.95</b>
1/2"	3/4"	<b>TLFS64</b>		<b>3.55</b>
3/4"	3/4"	<b>TLFS66</b>		<b>3.60</b>

## 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"	<b>TLS21</b>	<b>\$0.82</b>	50	---	---	---	---	
	1/4"	<b>TLS22</b>	<b>0.91</b>	50	---	---	---	---	
	3/8"	<b>TLS23</b>	<b>1.17</b>	50	---	---	---	---	
3/8"	1/8"	<b>TLS31</b>	<b>0.87</b>	50	---	---	---	---	
	1/4"	<b>TLS32</b>	<b>0.91</b>	50	---	---	---	---	
	3/8"	<b>TLS33</b>	<b>1.17</b>	50	---	---	---	---	
	1/2"	<b>TLS34</b>	<b>1.36</b>	50	---	---	---	---	
	3/4"	<b>TLS36</b>	<b>1.46</b>	50	3/4"	<b>TLS37</b>	<b>\$2.85</b>	50	
1/2"	1/4"	<b>TLS42</b>	<b>1.17</b>	50	---	---	---	---	
	3/8"	<b>TLS43</b>	<b>1.17</b>	50	---	---	---	---	
	1/2"	<b>TLS44</b>	<b>1.36</b>	50	---	---	---	---	
	3/4"	<b>TLS46</b>	<b>1.46</b>	25	3/4"	<b>TLS47</b>	<b>2.45</b>	25	
5/8"	1"	<b>TLS48</b>	<b>1.90</b>	25	---	---	---	---	
	3/8"	<b>TLS53</b>	<b>1.36</b>	25	---	---	---	---	
	1/2"	<b>TLS54</b>	<b>1.46</b>	25	---	---	---	---	
	3/4"	<b>TLS56</b>	<b>1.55</b>	25	3/4"	<b>TLS57</b>	<b>2.95</b>	25	
3/4"	1"	<b>TLS58</b>	<b>1.65</b>	25	---	---	---	---	
	3/8"	<b>TLS63</b>	<b>1.65</b>	25	---	---	---	---	
	1/2"	<b>TLS64</b>	<b>1.55</b>	25	---	---	---	---	
	3/4"	<b>TLS66</b>	<b>1.65</b>	25	3/4"	<b>TLS67</b>	<b>3.55</b>	50	
1"	1"	<b>TLS68</b>	<b>1.72</b>	15	---	---	---	---	
	3/4"	<b>TLS86</b>	<b>1.65</b>	15	---	---	---	---	
	1"	<b>TLS88</b>	<b>2.61</b>	15	---	---	---	---	

## Street Elbows

## female NPT x 90° male NPT



Female NPT	Male NPT	Part #	Nylon	Price/E
1/4"	1/4"	<b>TSE22</b>		<b>\$4.05</b>
1/2"	1/2"	<b>TSE44</b>		<b>3.90</b>
3/4"	3/4"	<b>TSE66</b>		<b>5.30</b>

## 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"	<b>TLT73</b>		<b>\$1.66</b>	25
1/2"	<b>TLT74</b>		<b>1.65</b>	25
3/4"	<b>TLT76</b>		<b>1.70</b>	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"	<b>TLSS22</b>	<b>\$1.17</b>	50	<b>PPLSS22</b>	<b>\$1.25</b>	50
3/8"	<b>TLSS33</b>	<b>1.21</b>	50	<b>PPLSS33</b>	<b>1.25</b>	50
1/2"	<b>TLSS44</b>	<b>1.35</b>	50	<b>PPLSS44</b>	<b>1.25</b>	50
3/4"	<b>TLSS66</b>	<b>1.42</b>	50	<b>PPLSS66</b>	<b>1.55</b>	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"	<b>TSST222</b>	<b>\$1.23</b>	50
3/8"	3/8"	<b>TSST333</b>	<b>1.35</b>	50
1/2"	1/2"	<b>TSST444</b>	<b>1.52</b>	50
3/4"	3/4"	<b>TSST666</b>	<b>1.70</b>	25



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## 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"	<b>TSSS222</b>	<b>\$1.17</b>	50
3/8"	<b>TSSS333</b>	<b>1.21</b>	50
1/2"	<b>TSSS444</b>	<b>1.35</b>	50
3/4"	<b>TSSS666</b>	<b>1.42</b>	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"	<b>TM2</b>	<b>\$0.82</b>	50	<b>PPM2</b>	<b>\$0.77</b>	50
5/16"	<b>TM25</b>	<b>0.83</b>	50	---	---	---
3/8"	<b>TM3</b>	<b>0.85</b>	50	<b>PPM3</b>	<b>0.79</b>	50
1/2"	<b>TM4</b>	<b>1.10</b>	50	<b>PPM4</b>	<b>0.92</b>	50
5/8"	<b>TM5</b>	<b>1.50</b>	50	<b>PPM5</b>	<b>1.00</b>	50
3/4"	<b>TM6</b>	<b>1.50</b>	50	<b>PPM6</b>	<b>1.20</b>	50
1"	<b>TM8</b>	<b>1.82</b>	25	<b>PPM8</b>	<b>1.47</b>	50



## Tuff-Lite™

## Washers for Garden Hose Fittings



Description	Part #	Price/E	Pkg Qty
red vinyl	<b>TVW7</b>	<b>\$0.10</b>	100
white styrene butadiene rubber	<b>TRW7</b>	<b>0.25</b>	100
black 80 duro SBR	<b>5911212W</b>	<b>0.27</b>	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"	<b>TCN202</b>	<b>\$0.72</b>	50
3/8"	<b>TCN303</b>	<b>0.81</b>	50
1/2"	<b>TCN404</b>	<b>0.93</b>	50
3/4"	<b>TCN606</b>	<b>1.10</b>	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	<b>TTC2</b>	<b>\$0.48</b>	50
3/8" NPT	<b>TTC3</b>	<b>0.57</b>	50
1/2" NPT	<b>TTC4</b>	<b>0.71</b>	50
3/4" NPT	<b>TTC6</b>	<b>0.80</b>	50
3/4" GHT	<b>TTC7</b>	<b>0.80</b>	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"	<b>TPS1</b>	<b>\$0.55</b>	50
1/4"	<b>TPS2</b>	<b>0.57</b>	50
3/8"	<b>TPS3</b>	<b>0.68</b>	50
1/2"	<b>TPS4</b>	<b>0.76</b>	50
3/4"	<b>TPS6</b>	<b>0.90</b>	50
1"	<b>TPS8</b>	<b>1.12</b>	50
1 1/4"	<b>TPS10</b>	<b>1.67</b>	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"	<b>TPX1</b>	<b>\$0.64</b>	50
1/4"	<b>TPX2</b>	<b>0.68</b>	50
3/8"	<b>TPX3</b>	<b>0.71</b>	50
1/2"	<b>TPX4</b>	<b>0.82</b>	50
3/4"	<b>TPX6</b>	<b>0.96</b>	50
1"	<b>TPX8</b>	<b>1.17</b>	50
1 1/4"	<b>TPX10</b>	<b>1.55</b>	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"	<b>TPN21</b>	<b>\$0.70</b>	50
	1/4"	<b>TPN22</b>	<b>0.72</b>	50
	3/8"	<b>TPN23</b>	<b>0.78</b>	50
3/8"	1/4"	<b>TPN32</b>	<b>0.74</b>	50
	3/8"	<b>TPN33</b>	<b>0.79</b>	50
	1/2"	<b>TPN34</b>	<b>0.93</b>	50
1/2"	3/8"	<b>TPN43</b>	<b>1.15</b>	50
	1/2"	<b>TPN44</b>	<b>1.15</b>	50
	3/4"	<b>TPN46</b>	<b>1.20</b>	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"	<b>TPF22</b>	<b>\$1.02</b>	50
3/8"	1/4"	<b>TPF32</b>	<b>1.26</b>	50
	3/8"	<b>TPF33</b>	<b>1.26</b>	50
1/2"	3/8"	<b>TPF43</b>	<b>1.15</b>	50
	1/2"	<b>TPF44</b>	<b>1.32</b>	50



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## 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"	<b>TPM2</b>	<b>\$0.65</b>	50
3/8"	<b>TPM3</b>	<b>0.71</b>	50
1/2"	<b>TPM4</b>	<b>0.87</b>	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	<b>105</b>	<b>\$0.50</b>	<b>105R</b>	<b>\$0.60</b>	100
7/16"	.382	.445	<b>113</b>	<b>0.55</b>	<b>113R</b>	<b>0.60</b>	100
15/32"	.409	.484	<b>123</b>	<b>0.55</b>	<b>123R</b>	<b>0.60</b>	100
1/2"	.449	.524	<b>133</b>	<b>0.55</b>	<b>133R</b>	<b>0.60</b>	100
35/64"	.469	.551	<b>140</b>	<b>0.55</b>	<b>140R</b>	<b>0.60</b>	100
9/16"	.496	.571	<b>145</b>	<b>0.55</b>	<b>145R</b>	<b>0.65</b>	100
5/8"	.543	.618	<b>157</b>	<b>0.55</b>	<b>157R</b>	<b>0.65</b>	100
11/16"	.595	.669	<b>170</b>	<b>0.55</b>	<b>170R</b>	<b>0.65</b>	100
23/32"	.618	.728	<b>185</b>	<b>0.55</b>	<b>185R</b>	<b>0.70</b>	100
3/4"	.669	.780	<b>198</b>	<b>0.55</b>	<b>198R</b>	<b>0.70</b>	100
13/16"	.717	.827	<b>210</b>	<b>0.55</b>	<b>210R</b>	<b>0.70</b>	100
7/8"	.780	.890	<b>226</b>	<b>0.55</b>	<b>226R</b>	<b>0.72</b>	100
15/16"	.839	.949	<b>241</b>	<b>0.60</b>	<b>241R</b>	<b>0.75</b>	100
1"	.898	1.008	<b>256</b>	<b>0.60</b>	<b>256R</b>	<b>0.75</b>	100
1-1/16"	.945	1.067	<b>271</b>	<b>0.60</b>	<b>271R</b>	<b>0.80</b>	100
1-1/8"	1.004	1.126	<b>286</b>	<b>0.60</b>	<b>286R</b>	<b>0.80</b>	100
1-3/16"	1.063	1.185	<b>301</b>	<b>0.60</b>	<b>301R</b>	<b>0.80</b>	100
1-5/16"	1.181	1.303	<b>331</b>	<b>0.65</b>	<b>331R</b>	<b>0.85</b>	100
1-3/8"	1.240	1.362	<b>346</b>	<b>0.70</b>	<b>346R</b>	<b>0.90</b>	100
1-15/32"	1.358	1.480	<b>376</b>	<b>0.70</b>	<b>376R</b>	<b>0.90</b>	100
1-9/16"	1.437	1.559	<b>396</b>	<b>0.75</b>	<b>396R</b>	<b>0.95</b>	100
1-5/8"	1.492	1.614	<b>410</b>	<b>0.75</b>	<b>410R</b>	<b>0.95</b>	100
1-11/16"	1.551	1.673	<b>425</b>	<b>0.75</b>	<b>425R</b>	<b>1.00</b>	100
1-23/32"	1.610	1.732	<b>440</b>	<b>0.80</b>	<b>440R</b>	<b>1.00</b>	100
1-3/4"	1.669	1.791	<b>455</b>	<b>0.80</b>	<b>455R</b>	<b>1.00</b>	100
1-13/16"	1.728	1.850	<b>470</b>	<b>0.85</b>	<b>470R</b>	<b>1.05</b>	100
1-7/8"	1.787	1.909	<b>485</b>	<b>0.85</b>	<b>485R</b>	<b>1.05</b>	100
1-15/16"	1.847	1.969	<b>500</b>	<b>0.85</b>	<b>500R</b>	<b>1.10</b>	100
2"	1.906	2.028	<b>515</b>	<b>0.90</b>	<b>515R</b>	<b>1.10</b>	100

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## 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.
- sold in package quantities only



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	<b>0305</b>	<b>\$0.90</b>	<b>0305R</b>	<b>\$1.15</b>	100
1/4"	.197	.276	.236	<b>0507</b>	<b>0.95</b>	<b>0507R</b>	<b>1.20</b>	100
5/16"	.276	.354	.275	<b>0709</b>	<b>0.95</b>	<b>0709R</b>	<b>1.25</b>	100
3/8"	.319	.433	.275	<b>0811</b>	<b>0.95</b>	<b>0811R</b>	<b>1.25</b>	100
1/2"	.425	.512	.275	<b>1113</b>	<b>0.95</b>	<b>1113R</b>	<b>1.35</b>	100
9/16"	.492	.591	.295	<b>1315</b>	<b>1.10</b>	<b>1315R</b>	<b>1.50</b>	100
19/32"	.551	.669	.315	<b>1517</b>	<b>1.10</b>	<b>1517R</b>	<b>1.65</b>	100
5/8"	.591	.709	.315	<b>1518</b>	<b>1.10</b>	<b>1518R</b>	<b>1.75</b>	100
3/4"	.638	.787	.335	<b>1720</b>	<b>1.20</b>	<b>1720R</b>	<b>1.95</b>	100
13/16"	.709	.866	.354	<b>1922</b>	<b>2.15</b>	<b>1922R</b>	<b>2.00</b>	100
7/8"	.748	.906	.354	<b>2023</b>	<b>1.35</b>	<b>2023R</b>	<b>2.15</b>	100
15/16"	.827	.984	.394	<b>2225</b>	<b>2.50</b>	<b>2225R</b>	<b>2.25</b>	100
1"	.886	1.063	.394	<b>2327</b>	<b>1.60</b>	<b>2327R</b>	<b>2.40</b>	100
1-1/8"	1.035	1.221	.394	<b>2731</b>	<b>1.75</b>	<b>2731R</b>	<b>2.70</b>	100
1-7/16"	1.260	1.457	.394	<b>3437</b>	<b>1.95</b>	<b>3437R</b>	<b>3.15</b>	100
1-1/2"	1.378	1.575	.394	<b>3740</b>	<b>3.40</b>	<b>3740R</b>	<b>3.30</b>	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	<b>0983</b>	<b>\$1.05</b>
3/8"	.307	.374	<b>0986</b>	<b>1.05</b>
7/16"	.378	.445	<b>0989</b>	<b>1.05</b>
1/2"	.425	.524	<b>0993</b>	<b>1.10</b>
35/64"	.453	.551	<b>0997</b>	<b>1.10</b>
9/16"	.472	.571	<b>0999</b>	<b>1.10</b>
5/8"	.520	.618	<b>1005</b>	<b>1.10</b>
11/16"	.571	.669	<b>1009</b>	<b>1.15</b>
3/4"	.654	.779	<b>1021</b>	<b>1.30</b>
13/16"	.701	.827	<b>1029</b>	<b>1.30</b>



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## 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
<b>SK1098</b>	<b>\$208.00</b>



## 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 (1/2", plastic)
- 1 pair of long handle pincers

Part #	Price/E
<b>18500116</b>	<b>\$382.00</b>



## Clamp Tools for Pinch-On Clamps



straight jaw

Part #	Price/E
<b>9901</b>	<b>\$110.00</b>



standard jaw

Part #	Price/E
<b>1098</b>	<b>\$64.15</b>



side jaw

Part #	Price/E
<b>1099</b>	<b>\$79.00</b>

## 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



style HSS

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"	<b>HS6</b>	<b>\$1.50</b>	200	<b>HSS6</b>	<b>\$2.00</b>	200
	1/2"	29/32"	<b>HS8</b>	<b>1.50</b>	200	<b>HSS8</b>	<b>2.00</b>	200
	9/16"	1-1/16"	<b>HS10</b>	<b>1.50</b>	500	<b>HSS10</b>	<b>2.00</b>	500
	11/16"	1-1/14"	<b>HS12</b>	<b>1.55</b>	500	<b>HSS12</b>	<b>2.00</b>	500
	13/16"	1-1/2"	<b>HS16</b>	<b>1.55</b>	500	<b>HSS16</b>	<b>2.00</b>	500
	13/16"	1-3/4"	<b>HS20</b>	<b>1.55</b>	500	<b>HSS20</b>	<b>2.05</b>	500
	1-1/16"	2"	<b>HS24</b>	<b>1.55</b>	500	<b>HSS24</b>	<b>2.05</b>	500
	1-5/16"	2-1/4"	<b>HS28</b>	<b>1.60</b>	500	<b>HSS28</b>	<b>2.05</b>	500
	1-9/16"	2-1/2"	<b>HS32</b>	<b>1.60</b>	500	<b>HSS32</b>	<b>2.05</b>	500
	1-13/16"	2-3/4"	<b>HS36</b>	<b>1.65</b>	500	<b>HSS36</b>	<b>2.15</b>	500
	2-1/16"	3"	<b>HS40</b>	<b>2.00</b>	200	<b>HSS40</b>	<b>2.45</b>	200
	2-5/16"	3-1/4"	<b>HS44</b>	<b>2.20</b>	200	<b>HSS44</b>	<b>2.80</b>	200
	2-9/16"	3-1/2"	<b>HS48</b>	<b>2.20</b>	200	<b>HSS48</b>	<b>2.80</b>	200
	2-13/16"	3-3/4"	<b>HS52</b>	<b>2.40</b>	200	<b>HSS52</b>	<b>2.95</b>	200
	3-1/16"	4"	<b>HS56</b>	<b>2.40</b>	200	<b>HSS56</b>	<b>2.95</b>	200
	3-5/16"	4-1/4"	<b>HS60</b>	<b>2.50</b>	200	<b>HSS60</b>	<b>3.00</b>	200
9/16"	3-9/16"	4-1/2"	<b>HS64</b>	<b>2.50</b>	200	<b>HSS64</b>	<b>3.00</b>	200
	1-7/8"	5"	<b>HS72</b>	<b>2.70</b>	100	<b>HSS72</b>	<b>3.30</b>	100
	2-1/2"	5-1/2"	<b>HS80</b>	<b>3.10</b>	100	<b>HSS80</b>	<b>3.40</b>	100
	3-1/8"	6"	<b>HS88</b>	<b>3.20</b>	100	<b>HSS88</b>	<b>3.75</b>	100
	3-5/8"	6-1/2"	<b>HS96</b>	<b>3.25</b>	100	<b>HSS96</b>	<b>3.85</b>	100
	4-1/8"	7"	<b>HS104</b>	<b>3.30</b>	100	<b>HSS104</b>	<b>3.35</b>	100
	5-5/8"	8-1/2"	<b>HS128</b>	<b>4.90</b>	100	<b>HSS128</b>	<b>5.25</b>	100
	7-1/8"	10"	<b>HS152</b>	<b>5.25</b>	100	<b>HSS152</b>	<b>5.80</b>	100
	9-3/8"	12-1/4"	<b>HS188</b>	<b>5.75</b>	100	<b>HSS188</b>	<b>6.35</b>	100
	10-1/8"	13"	<b>HS200</b>	<b>5.80</b>	100	<b>HSS200</b>	<b>6.80</b>	100
	10-7/8"	13-3/4"	<b>HS212</b>	<b>5.90</b>	100	<b>HSS212</b>	<b>7.15</b>	100
	11-5/8"	14-1/2"	<b>HS224</b>	<b>6.55</b>	100	<b>HSS224</b>	<b>7.60</b>	100
	12-3/8"	15-1/4"	<b>HS236</b>	<b>7.10</b>	100	<b>HSS236</b>	<b>8.40</b>	100
	13-1/8"	16"	<b>HS248</b>	<b>7.45</b>	100	<b>HSS248</b>	<b>9.40</b>	100
	17-1/8"	20"	<b>HS312</b>	<b>9.10</b>	100	<b>HSS312</b>	<b>10.75</b>	100

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## 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



style MH

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"	<b>MH4</b>	<b>\$1.15</b>	500	<b>MAH4</b>	<b>\$1.45</b>	500
	7/16"	25/32"	<b>MH6</b>	<b>1.15</b>	500	<b>MAH6</b>	<b>1.45</b>	500
	1/2"	29/32"	<b>MH8</b>	<b>1.35</b>	200	<b>MAH8</b>	<b>1.65</b>	200
	9/16"	1-1/16"	<b>MH10</b>	<b>1.35</b>	200	<b>MAH10</b>	<b>1.65</b>	200
	11/16"	1-1/4"	<b>MH12</b>	<b>1.40</b>	200	<b>MAH12</b>	<b>1.75</b>	200
	15/16"	1-1/2"	<b>MH16</b>	<b>1.40</b>	200	<b>MAH16</b>	<b>1.75</b>	200
	1-3/16"	1-3/4"	<b>MH20</b>	<b>1.45</b>	200	<b>MAH20</b>	<b>1.75</b>	200



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
- suggested installation torque 30-42 inch pounds, maximum recommended torque 60 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.*

Band Width	Hose OD		316 Stainless Steel		Price/Each
	from	to	Part #		
1/2"	3/8"	7/8"	<b>MGC6</b>		<b>\$2.95</b>
	7/16"	1"	<b>MGC8</b>		<b>2.95</b>
	9/16"	1-1/16"	<b>MGC10</b>		<b>2.95</b>
	9/16"	1-5/16"	<b>MGC12</b>		<b>3.05</b>
	11/16"	1-1/2"	<b>MGC16</b>		<b>3.05</b>
	3/4"	1-3/4"	<b>MGC20</b>		<b>3.05</b>
	1-1/16"	2"	<b>MGC24</b>		<b>3.05</b>
	1-5/16"	2-1/4"	<b>MGC28</b>		<b>3.10</b>
	1-9/16"	2-1/2"	<b>MGC32</b>		<b>3.10</b>
	1-13/16"	2-3/4"	<b>MGC36</b>		<b>3.20</b>
	2-11/16"	3"	<b>MGC40</b>		<b>3.40</b>
	2-5/16"	3-1/4"	<b>MGC44</b>		<b>3.95</b>
	2-9/16"	3-1/2"	<b>MGC48</b>		<b>3.95</b>
	2-13/16"	3-3/4"	<b>MGC52</b>		<b>4.20</b>
	3-1/16"	4"	<b>MGC56</b>		<b>4.20</b>
	2-1/2"	4-1/2"	<b>MGC64</b>		<b>4.65</b>
	3-1/16"	5"	<b>MGC72</b>		<b>4.80</b>
	3-1/2"	5-1/2"	<b>MGC80</b>		<b>5.30</b>
	4-3/32"	6"	<b>MGC88</b>		<b>5.45</b>
	4-1/2"	6-1/2"	<b>MGC96</b>		<b>5.65</b>
	5"	7"	<b>MGC104</b>		<b>5.70</b>



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## 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
- suggested installation torque 30-42 inch pounds, maximum recommended torque 60 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

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"	<b>10006</b>	<b>\$1.95</b>	<b>20006</b>	<b>\$2.40</b>	<b>30006</b>	<b>\$2.75</b>	10
	1/2"	29/32"	<b>10008</b>	<b>1.95</b>	<b>20008</b>	<b>2.40</b>	<b>30008</b>	<b>2.75</b>	10
	9/16"	1-1/16"	<b>10010</b>	<b>1.95</b>	<b>20010</b>	<b>2.40</b>	<b>30010</b>	<b>2.75</b>	10
	11/16"	1-1/4"	<b>10012</b>	<b>2.05</b>	<b>20012</b>	<b>2.50</b>	<b>30012</b>	<b>2.85</b>	10
	13/16"	1-1/2"	<b>10016</b>	<b>2.05</b>	<b>20016</b>	<b>2.50</b>	<b>30016</b>	<b>2.85</b>	10
	13/16"	1-3/4"	<b>10020</b>	<b>2.05</b>	<b>20020</b>	<b>2.50</b>	<b>30020</b>	<b>2.90</b>	10
	1-1/16"	2"	<b>10024</b>	<b>2.05</b>	<b>20024</b>	<b>2.50</b>	<b>30024</b>	<b>2.90</b>	10
	1-5/16"	2-1/4"	<b>10028</b>	<b>2.10</b>	<b>20028</b>	<b>2.60</b>	<b>30028</b>	<b>2.95</b>	10
	1-9/16"	2-1/2"	<b>10032</b>	<b>2.10</b>	<b>20032</b>	<b>2.60</b>	<b>30032</b>	<b>2.95</b>	10
	1-13/16"	2-3/4"	<b>10036</b>	<b>2.15</b>	<b>20036</b>	<b>2.65</b>	<b>30036</b>	<b>3.00</b>	10
	1-1/16"	3"	<b>10040</b>	<b>2.65</b>	<b>20040</b>	<b>3.25</b>	<b>30040</b>	<b>3.70</b>	10
	2-5/16"	3-1/4"	<b>10044</b>	<b>2.85</b>	<b>20044</b>	<b>3.55</b>	<b>30044</b>	<b>4.00</b>	10
	2-9/16"	3-1/2"	<b>10048</b>	<b>2.85</b>	<b>20048</b>	<b>3.55</b>	<b>30048</b>	<b>4.00</b>	10
	2-13/16"	3-3/4"	<b>10052</b>	<b>3.05</b>	<b>20052</b>	<b>3.80</b>	<b>30052</b>	<b>4.25</b>	10
	3-1/16"	4"	<b>10056</b>	<b>3.05</b>	<b>20056</b>	<b>3.80</b>	<b>30056</b>	<b>4.25</b>	10
	3-5/16"	4-1/4"	<b>10060</b>	<b>3.30</b>	<b>20060</b>	<b>4.10</b>	<b>30060</b>	<b>4.60</b>	10



style 300

## 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



style DLS

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"	<b>DL9206</b>	<b>\$3.15</b>	10	<b>DLS9406</b>	<b>\$3.80</b>	10
	1/2"	29/32"	<b>DL9208</b>	<b>3.15</b>	10	<b>DLS9408</b>	<b>3.80</b>	10
	9/16"	1-1/16"	<b>DL9210</b>	<b>3.15</b>	10	<b>DLS9410</b>	<b>3.80</b>	10
	11/16"	1-1/4"	<b>DL9212</b>	<b>3.20</b>	10	<b>DLS9412</b>	<b>3.90</b>	10
	13/16"	1-1/2"	<b>DL9216</b>	<b>3.20</b>	10	<b>DLS9416</b>	<b>3.90</b>	10
	13/16"	1-3/4"	<b>DL9220</b>	<b>3.25</b>	10	<b>DLS9420</b>	<b>3.95</b>	10
	1-1/16"	2"	<b>DL9224</b>	<b>3.25</b>	10	<b>DLS9424</b>	<b>3.95</b>	10
	1-5/16"	2-1/4"	<b>DL9228</b>	<b>3.35</b>	10	<b>DLS9428</b>	<b>4.00</b>	10
	1-9/16"	2-1/2"	<b>DL9232</b>	<b>3.35</b>	10	<b>DLS9432</b>	<b>4.00</b>	10
	1-13/16"	2-3/4"	<b>DL9236</b>	<b>3.40</b>	10	<b>DLS9436</b>	<b>4.10</b>	10
	2-1/16"	3"	<b>DL9240</b>	<b>4.20</b>	10	<b>DLS9440</b>	<b>5.00</b>	10
	2-5/16"	3-1/4"	<b>DL9244</b>	<b>4.50</b>	10	<b>DLS9444</b>	<b>5.05</b>	10
	2-9/16"	3-1/2"	<b>DL9248</b>	<b>4.50</b>	10	<b>DLS9448</b>	<b>5.20</b>	10

## K

## 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
- suggested installation torque 50-70 inch pounds, maximum recommended torque 100 in. lbs.
- **all clamps sold 10 per box**
- construction:
  - band: 201/301 stainless steel
  - liner and housing: 304 stainless steel
  - screw: 410 stainless steel



- 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.



Band Width	Hose OD		Stainless Steel Part #	Price/E
	from	to		
9/16"	1-3/32"	1-5/16"	<b>WSS16</b>	<b>\$6.00</b>
	1-1/8"	1-1/2"	<b>WSS19</b>	<b>6.05</b>
	1-1/8"	1-9/16"	<b>WSS20</b>	<b>6.05</b>
	1-7/16"	1-11/16"	<b>WSS22</b>	<b>6.40</b>
	1-1/2"	1-13/16"	<b>WSS24</b>	<b>6.50</b>
	1-3/4"	2-1/16"	<b>WSS28</b>	<b>6.80</b>
	1-15/16"	2-5/16"	<b>WSS32</b>	<b>6.80</b>
	2"	2-7/16"	<b>WSS34</b>	<b>7.45</b>
	2-1/8"	2-9/16"	<b>WSS36</b>	<b>7.60</b>
	2-5/16"	2-13/16"	<b>WSS40</b>	<b>7.95</b>
	2-1/2"	3-1/16"	<b>WSS44</b>	<b>7.95</b>
	2-11/16"	3-5/16"	<b>WSS48</b>	<b>8.25</b>
	2-7/8"	3-9/16"	<b>WSS52</b>	<b>8.65</b>
	3-1/16"	3-13/16"	<b>WSS56</b>	<b>9.10</b>
3-1/4"	4-1/16"	<b>WSS60</b>	<b>9.50</b>	
3-7/16"	4-5/16"	<b>WSS64</b>	<b>9.85</b>	
3-3/4"	4-13/16"	<b>WSS72</b>	<b>10.60</b>	
4-3/16"	5-5/16"	<b>WSS80</b>	<b>12.00</b>	
4-1/2"	5-13/16"	<b>WSS88</b>	<b>12.80</b>	

## 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 90 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

Band Width	Hose OD		Stainless Steel		Opt Qty
	from	to	Part #	Price/E	
5/8"	1 1/4"	2 1/8"	<b>HTM200</b>	<b>\$5.05</b>	10
	1 3/4"	2 5/8"	<b>HTM250</b>	<b>5.10</b>	10
	2 1/4"	3 1/8"	<b>HTM300</b>	<b>5.30</b>	10
	2 3/4"	3 5/8"	<b>HTM350</b>	<b>5.40</b>	10
	3 1/2"	4 1/8"	<b>HTM400</b>	<b>5.55</b>	10
	3 3/4"	4 5/8"	<b>HTM450</b>	<b>5.70</b>	10
	4 1/4"	5 1/8"	<b>HTM500</b>	<b>5.90</b>	10
	4 3/4"	5 5/8"	<b>HTM550</b>	<b>6.30</b>	10
	5 1/4"	6 1/8"	<b>HTM600</b>	<b>6.45</b>	10
	5 3/4"	6 5/8"	<b>HTM650</b>	<b>6.55</b>	10
	6 1/4"	7 1/8"	<b>HTM700</b>	<b>6.75</b>	10
	6 3/4"	7 5/8"	<b>HTM750</b>	<b>7.30</b>	10
	7 1/4"	8 1/8"	<b>HTM800</b>	<b>7.45</b>	10
	7 3/4"	8 5/8"	<b>HTM850</b>	<b>7.60</b>	10
	8 1/4"	9 1/8"	<b>HTM900</b>	<b>7.80</b>	10



style HTM

### extended range sizes

Band Width	Hose OD		Stainless Steel		Price/E
	from	to	Part #		
5/8"	1 1/4"	2 5/8"	<b>HP2</b>		<b>\$5.10</b>
	2 1/8"	4 1/8"	<b>HP3</b>		<b>5.55</b>
	4"	6 1/8"	<b>HP4</b>		<b>6.45</b>
	6 1/8"	9 1/8"	<b>HP5</b>		<b>7.80</b>



style HP

K

## 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"	<b>CT175L</b>	<b>\$19.30</b>	5 1/4"	6 1/8"	<b>CT600L</b>	<b>\$21.75</b>
	1 1/4"	2 1/8"	<b>CT200L</b>	<b>19.30</b>	5 3/4"	6 5/8"	<b>CT650L</b>	<b>21.75</b>
	1 3/4"	2 5/8"	<b>CT250L</b>	<b>19.50</b>	6 1/4"	7 1/8"	<b>CT700L</b>	<b>22.25</b>
	2 1/4"	3 1/8"	<b>CT300L</b>	<b>19.80</b>	6 3/4"	7 5/8"	<b>CT750L</b>	<b>23.25</b>
	2 3/4"	3 5/8"	<b>CT350L</b>	<b>20.00</b>	7 1/4"	8 1/8"	<b>CT800L</b>	<b>23.50</b>
	3 1/4"	4 1/8"	<b>CT400L</b>	<b>20.25</b>	7 3/4"	8 5/8"	<b>CT850L</b>	<b>23.75</b>
	3 3/4"	4 5/8"	<b>CT450L</b>	<b>20.50</b>	8 1/4"	9 1/8"	<b>CT900L</b>	<b>24.00</b>
	4 1/4"	5 1/8"	<b>CT500L</b>	<b>20.75</b>	8 3/4"	9 5/8"	<b>CT950L</b>	<b>24.50</b>
	4 3/4"	5 5/8"	<b>CT550L</b>	<b>21.50</b>	--	--	--	--



## Quick Release Clamps

### Features:

- suggested installation torque 25-35 inch pounds, maximum recommended torque 50 in. lbs.
- band and housing: 201 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



style LS



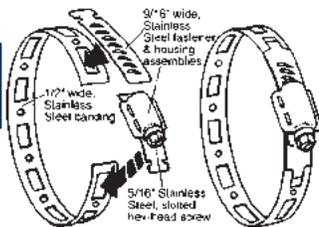
style LSS

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"	<b>LS48</b>	<b>\$2.90</b>	10	<b>LSS48</b>	<b>\$4.60</b>	10
	1"	4"	<b>LS56</b>	<b>3.10</b>	10	---	---	---
	2"	5"	<b>LS72</b>	<b>3.60</b>	10	<b>LSS72</b>	<b>5.00</b>	10
	2-1/16"	6"	<b>LS88</b>	<b>4.20</b>	10	<b>LSS88</b>	<b>5.70</b>	10
	3-1/2"	6-9/16"	<b>LS96</b>	<b>4.10</b>	---	---	---	---
	2-7/8"	7"	<b>LS104</b>	<b>5.10</b>	10	<b>LSS104</b>	<b>6.25</b>	10
	1-3/4"	8-9/16"	<b>LS128</b>	<b>4.85</b>	---	<b>LSS128</b>	<b>6.10</b>	---
	2"	10"	<b>LS152</b>	<b>7.45</b>	---	---	---	---
	2-1/16"	12-5/16"	<b>LS188</b>	<b>6.00</b>	---	<b>LSS188</b>	<b>7.20</b>	---
	10-3/16"	14"	---	---	---	<b>LSS216</b>	<b>7.85</b>	---
	1-3/4"	16"	---	---	---	<b>LSS248</b>	<b>8.90</b>	---
	1-7/8"	20"	---	---	---	<b>LSS312</b>	<b>10.90</b>	---

## 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. Perfect applications requiring 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

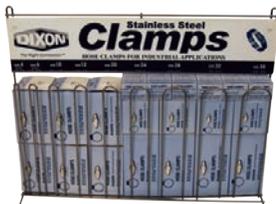


Contents	Stainless Steel	
	Part #	Price/E
mini kit: 8 1/2' band, 3 adjustable fasteners, 1 band splice	<b>4000</b>	<b>\$27.50</b>
kit with 100' band, 25 adjustable fasteners, 10 band splices	<b>4001</b>	<b>216.70</b>
kit with 50' band, 10 adjustable fasteners, 5 band splices	<b>4002</b>	<b>108.25</b>
box with 10 adjustable fasteners: priced per box	<b>4004</b>	<b>45.40</b>
box with 100' band, 10 band splices	<b>4005</b>	<b>109.20</b>
box with 50' band, 5 band splices	<b>4006</b>	<b>59.30</b>
6" demonstrator kit with clamps	<b>4007</b>	<b>17.00</b>
box with 10 band splices: priced per box	<b>4008</b>	<b>25.75</b>

## 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



CRWC



CR

Description	Part #	Price/E
with 200 clamps	<b>CRWC</b>	<b>\$371.50</b>
without clamps	<b>CR</b>	<b>96.00</b>

## Band Clamps - F series

### Center Punch Clamps

**Features:**

- install with center punch tools F1, F38, F40 and F100 located on page 388, 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	<b>FS3</b>	<b>\$1.55</b>	100	.025	<b>F3</b>	<b>\$0.95</b>	100
	1-3/8"	.020	<b>FS311</b>	<b>1.75</b>	100	.025	<b>F311</b>	<b>1.00</b>	100
5/8"	1"	.022	<b>FS4</b>	<b>2.05</b>	100	.025	<b>F4</b>	<b>1.05</b>	100
	1-1/4"	.022	<b>FS5</b>	<b>2.20</b>	100	.025	<b>F5</b>	<b>1.10</b>	100
	1-1/2"	.022	<b>FS6</b>	<b>2.35</b>	100	.031	<b>F6</b>	<b>1.20</b>	100
	1-3/4"	.022	<b>FS7</b>	<b>2.55</b>	100	.031	<b>F7</b>	<b>1.30</b>	100
	2"	.022	<b>FS8</b>	<b>2.70</b>	100	.031	<b>F8</b>	<b>1.35</b>	100
	2-1/4"	.022	<b>FS9</b>	<b>2.85</b>	100	.031	<b>F9</b>	<b>1.40</b>	100
	2-1/2"	.022	<b>FS10</b>	<b>3.10</b>	50	.031	<b>F10</b>	<b>1.65</b>	50
	2-3/4"	.022	<b>FS11</b>	<b>3.25</b>	50	.031	<b>F11</b>	<b>1.70</b>	50
	3"	.022	<b>FS12</b>	<b>3.45</b>	50	.031	<b>F12</b>	<b>1.80</b>	50
	3-1/2"	.022	<b>FS14</b>	<b>3.80</b>	50	.031	<b>F14</b>	<b>1.95</b>	50
1"	4"	.022	<b>FS16</b>	<b>4.25</b>	25	.031	<b>F16</b>	<b>2.20</b>	25
	4-1/2"	.022	<b>FS18</b>	<b>4.60</b>	25	.031	<b>F18</b>	<b>2.40</b>	25
	5"	.022	<b>FS20</b>	<b>4.95</b>	25	.031	<b>F20</b>	<b>2.45</b>	25
	6"	.022	<b>FS24</b>	<b>5.65</b>	25	.031	<b>F24</b>	<b>2.90</b>	25
	7"	.022	<b>FS28</b>	<b>6.40</b>	25	.031	<b>F28</b>	<b>3.40</b>	25
	8"	.022	<b>FS32</b>	<b>7.10</b>	25	.031	<b>F32</b>	<b>3.70</b>	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	<b>FOS3</b>	<b>\$3.70</b>	100	.025	<b>FO3</b>	<b>\$3.30</b>	100
	1-3/8"	.020	<b>FOS311</b>	<b>3.90</b>	100	.025	<b>FO311</b>	<b>3.40</b>	100
	2"	.020	<b>FOS316</b>	<b>4.10</b>	100	.025	<b>FO316</b>	<b>3.45</b>	100
	3-1/8"	.020	<b>FOS325</b>	<b>4.40</b>	100	.025	<b>FO325</b>	<b>3.60</b>	100
5/8"	2"	.022	<b>FOS8</b>	<b>3.85</b>	100	.025	<b>FO8</b>	<b>2.20</b>	100
	2-1/2"	.022	<b>FOS10</b>	<b>4.25</b>	50	.025	<b>FO10</b>	<b>2.30</b>	50
	3"	.022	<b>FOS12</b>	<b>4.65</b>	50	.031	<b>FO12</b>	<b>2.45</b>	50
	3-1/2"	.022	<b>FOS14</b>	<b>5.05</b>	50	.031	<b>FO14</b>	<b>2.60</b>	50
	4"	.022	<b>FOS16</b>	<b>5.40</b>	50	.031	<b>FO16</b>	<b>2.70</b>	50
	4-1/2"	.022	<b>FOS18</b>	<b>5.75</b>	50	.031	<b>FO18</b>	<b>2.90</b>	50
	5"	.022	<b>FOS20</b>	<b>6.20</b>	25	.031	<b>FO20</b>	<b>3.10</b>	25
	6"	.022	<b>FOS24</b>	<b>6.95</b>	25	.031	<b>FO24</b>	<b>3.30</b>	25
	7"	.022	<b>FOS28</b>	<b>8.10</b>	25	.031	<b>FO28</b>	<b>3.50</b>	25
	8"	.022	<b>FOS32</b>	<b>9.10</b>	25	.031	<b>FO32</b>	<b>3.80</b>	25
	9"	.022	---	---	25	.031	<b>FO36</b>	<b>4.35</b>	25
	10"	.022	---	---	25	.031	<b>FO40</b>	<b>4.60</b>	25
	12"	.022	---	---	25	.031	<b>FO48</b>	<b>5.55</b>	25
	14"	.022	---	---	10	.031	<b>FO56</b>	<b>6.75</b>	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 388
- Fast-Lok™ tools: F1, F40, F100 (page 388)
- Super Strap Tools: 51960 screw action with 51970 adapter (page 389)
- 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		Pkg Qty	Band THK	Galvanized Steel		Pkg Qty
			Part #	Price/E			Part #	Price/E	
3/8"	13/16"	.025	<b>KS3</b>	<b>\$1.55</b>	100	.025	<b>K3</b>	<b>\$1.00</b>	100
	1-3/8"	.025	<b>KS311</b>	<b>1.75</b>	100	.025	<b>K311</b>	<b>1.05</b>	100
5/8"	1"	.030	<b>KS4</b>	<b>2.65</b>	100	.031	<b>K4</b>	<b>1.40</b>	100
	1-1/4"	.030	<b>KS5</b>	<b>2.70</b>	100	.031	<b>K5</b>	<b>1.45</b>	100
	1-1/2"	.030	<b>KS6</b>	<b>2.90</b>	100	.031	<b>K6</b>	<b>1.55</b>	100
	1-3/4"	.030	<b>KS7</b>	<b>3.10</b>	100	.031	<b>K7</b>	<b>1.60</b>	100
	2"	.030	<b>KS8</b>	<b>3.30</b>	100	.031	<b>K8</b>	<b>1.65</b>	100
	2-1/4"	.030	<b>KS9</b>	<b>3.55</b>	100	.031	<b>K9</b>	<b>1.70</b>	100
	2-1/2"	.030	<b>KS10</b>	<b>3.80</b>	50	.031	<b>K10</b>	<b>1.80</b>	50
	2-3/4"	.030	<b>KS11</b>	<b>4.15</b>	50	.031	<b>K11</b>	<b>1.95</b>	50
	3"	.030	<b>KS12</b>	<b>4.35</b>	50	.031	<b>K12</b>	<b>2.00</b>	50
	3-1/2"	.030	<b>KS14</b>	<b>4.80</b>	50	.031	<b>K14</b>	<b>2.15</b>	50
	4"	.030	<b>KS16</b>	<b>5.35</b>	25	.031	<b>K16</b>	<b>2.40</b>	25
	4-1/2"	.030	<b>KS18</b>	<b>5.75</b>	25	.031	<b>K18</b>	<b>2.50</b>	25
	5"	.030	<b>KS20</b>	<b>6.20</b>	25	.031	<b>K20</b>	<b>2.70</b>	25
	6"	.030	<b>KS24</b>	<b>7.05</b>	25	.031	<b>K24</b>	<b>3.10</b>	25
7"	.030	<b>KS28</b>	<b>8.05</b>	25	.031	<b>K28</b>	<b>3.60</b>	25	
8"	.030	<b>KS32</b>	<b>8.95</b>	25	.031	<b>K32</b>	<b>3.80</b>	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 388

Band Width	ID	Band THK	Stainless Steel		Pkg Qty
			Part #	Price/E	
3/4"	2"	.030	<b>KS87501</b>	<b>\$4.60</b>	100
	2-1/4"	.030	<b>KS97501</b>	<b>4.65</b>	100
	2-1/2"	.030	<b>KS107501</b>	<b>4.85</b>	50
	2-3/4"	.030	<b>KS117501</b>	<b>5.05</b>	50
	3"	.030	<b>KS127501</b>	<b>5.30</b>	50
	3-1/2"	.030	<b>KS147501</b>	<b>5.80</b>	50
	4"	.030	<b>KS167501</b>	<b>6.40</b>	25
	4-1/2"	.030	<b>KS187501</b>	<b>7.05</b>	25
	5"	.030	<b>KS207501</b>	<b>7.50</b>	25
	6"	.030	<b>KS247501</b>	<b>8.70</b>	25
	7"	.030	<b>KS287501</b>	<b>10.00</b>	25
8"	.030	<b>KS327501</b>	<b>11.00</b>	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 389.
- **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	<b>JS201</b>	<b>\$2.45</b>	100	<b>JS301</b>	<b>\$1.20</b>	100
	1"	.025	<b>JS243</b>	<b>2.80</b>	100	<b>JS343</b>	<b>1.15</b>	100
	1-3/8"	.025	<b>JS202</b>	<b>2.70</b>	100	<b>JS302</b>	<b>1.30</b>	100
	2"	.025	<b>JS245</b>	<b>3.10</b>	100	---	---	---
1/2"	1"	.030	<b>JS203</b>	<b>3.40</b>	100	<b>JS303</b>	<b>1.45</b>	100
	1-1/4"	.030	<b>JS204</b>	<b>3.70</b>	100	<b>JS304</b>	<b>1.55</b>	100
	2-3/4"	.030	<b>JS230</b>	<b>5.60</b>	100	<b>JS330</b> <sup>1</sup>	<b>2.30</b>	100
5/8"	1-1/2"	.030	<b>JS205</b>	<b>4.50</b>	100	<b>JS305</b>	<b>1.70</b>	100
	1-3/4"	.030	<b>JS206</b>	<b>4.95</b>	100	<b>JS306</b>	<b>1.90</b>	100
	2"	.030	<b>JS207</b>	<b>5.45</b>	100	<b>JS307</b>	<b>2.15</b>	100
	2-1/4"	.030	<b>JS208</b>	<b>5.75</b>	100	<b>JS308</b>	<b>2.20</b>	100
	2-1/2"	.030	<b>JS209</b>	<b>6.15</b>	100	<b>JS309</b>	<b>2.35</b>	100
3/4"	2-3/4"	.030	<b>JS210</b>	<b>7.30</b>	50	<b>JS310</b> <sup>1</sup>	<b>2.85</b>	50
	3"	.030	<b>JS211</b>	<b>7.95</b>	50	<b>JS311</b>	<b>3.00</b>	50
	3-1/2"	.030	<b>JS212</b>	<b>8.45</b>	50	<b>JS312</b>	<b>3.20</b>	50
	4"	.030	<b>JS213</b>	<b>9.65</b>	25	<b>JS313</b>	<b>3.70</b>	25
	4-1/2"	.030	<b>JS214</b>	<b>10.40</b>	25	<b>JS314</b>	<b>3.90</b>	25
	5"	.030	<b>JS215</b>	<b>11.20</b>	25	<b>JS315</b>	<b>4.30</b>	25
	6"	.030	<b>JS216</b>	<b>12.90</b>	25	---	---	---
	7"	.030	<b>JS218</b>	<b>15.50</b>	25	---	---	---



K

<sup>1</sup> stock quantities only

## 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 388)
- 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	<b>HBC4S</b>	<b>\$2.20</b>	100
	1 1/4"	.025	<b>HBC5S</b>	<b>2.40</b>	100
	1 1/2"	.025	<b>HBC6S</b>	<b>2.50</b>	100
	1 3/4"	.025	<b>HBC7S</b>	<b>2.70</b>	100
	2"	.025	<b>HBC8S</b>	<b>2.90</b>	100
	2 1/4"	.025	<b>HBC9S</b>	<b>3.05</b>	100
	2 1/2"	.025	<b>HBC10S</b>	<b>3.30</b>	50
	2 3/4"	.025	<b>HBC11S</b>	<b>3.45</b>	50
	3"	.025	<b>HBC12S</b>	<b>3.60</b>	50
	3 1/2"	.025	<b>HBC14S</b>	<b>4.00</b>	50
	4"	.025	<b>HBC16S</b>	<b>4.55</b>	25
	4 1/2"	.025	<b>HBC18S</b>	<b>4.80</b>	25
	5"	.025	<b>HBC20S</b>	<b>5.15</b>	25
	6"	.025	<b>HBC24S</b>	<b>5.90</b>	25
	7"	.025	<b>HBC28S</b>	<b>6.65</b>	25
	8"	.025	<b>HBC32S</b>	<b>7.40</b>	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.	<b>F38</b>	<b>\$88.55</b>



Description	Part #	Price/E
Intermediate hand tool for $\frac{3}{8}$ " and $\frac{5}{8}$ " band clamps.	<b>F40</b>	<b>\$154.20</b>



Description	Part #	Price/E
Hand tool for application of $\frac{5}{8}$ " band clamps. Imported	<b>F1</b>	<b>\$206.10</b>



Description	Part #	Price/E
Hand tool for application of $\frac{3}{8}$ " and $\frac{5}{8}$ " band clamps.	<b>F100</b>	<b>\$351.00</b>



Description	Part #	Price/E
Hand tool for application of $\frac{3}{4}$ " K clamps only.	<b>F175</b>	<b>\$886.00</b>



Description	Part #	Price/E
$\frac{3}{8}$ " clamp adapter for F100 tool only.	<b>F229</b>	<b>\$21.25</b>

## Band Clamp Tool Accessories



Description	Part #	Price/E
Mallet for punching band clamps	<b>F225</b>	<b>\$97.80</b>



Description	Part #	Price/E
Clamp cutter	<b>F550</b>	<b>\$138.00</b>

## Band and Buckle

### 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'	<b>SS375</b>	<b>\$100.00</b>	<b>SG375</b>	<b>\$52.90</b>
1/2"	.031	100'	<b>SS500</b>	<b>136.70</b>	<b>SG500</b>	<b>63.00</b>
5/8"	.031	100'	<b>SS625</b>	<b>193.75</b>	<b>SG625</b>	<b>76.00</b>
3/4"	.031	100'	<b>SS750</b>	<b>233.00</b>	<b>SG750</b>	<b>90.00</b>



strapping



buckles

### buckles

Band Width	201 Stainless Steel			Galvanized Steel		
	Part #	Price/E	Pkg Qty	Part #	Price/E	Pkg Qty
3/8"	<b>CS375</b>	<b>\$0.77</b>	100	<b>CG375</b>	<b>\$0.39</b>	100
1/2"	<b>CS500</b>	<b>0.92</b>	100	<b>CG500</b>	<b>0.47</b>	100
5/8"	<b>CS625</b>	<b>1.15</b>	100	<b>CG625</b>	<b>0.55</b>	100
3/4"	<b>CS750</b>	<b>1.65</b>	100	<b>CG750</b>	<b>0.75</b>	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

Band Width	201 Stainless Steel		Pkg Qty
	Part #	Price/E	
1/2"	<b>SSB500</b>	<b>\$4.20</b>	25
3/4"	<b>SSB750</b> <sup>1</sup>	<b>5.40</b>	25

<sup>1</sup> 3/4" buckle may be used with 5/8" band



K

## 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	<b>ST204B</b>	<b>\$142.25</b>
5/8"	.030	100'	plastic green tote	<b>ST205G</b>	<b>175.00</b>
3/4"	.030	100'	plastic red tote	<b>ST206R</b>	<b>235.50</b>



## Band Clamp Tools

Description	Part #	Price/E
Clamping tool for band and buckles	<b>C2</b>	<b>\$460.00</b>

Description	Part #	Price/E
Clamping tool for band and buckles	<b>51960</b>	<b>\$161.50</b>

Description	Part #	Price/E
adapter for 51960 tool to install preformed clamps	<b>51970</b>	<b>\$144.50</b>



## 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 74
- 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 <sup>1</sup>
1½"	1-13/16"	2-1/8"	<b>SGS150</b>	<b>\$14.40</b>
2"	2-5/8"	3"	<b>SGS200</b>	<b>17.35</b>
3"	3-1/2"	3-7/8"	<b>SGS300</b>	<b>21.40</b>
4"	4-9/16"	5-1/8"	<b>SGS400</b>	<b>24.40</b>
6"	6-1/2"	7-1/16"	<b>SGS600</b>	<b>45.00</b>

<sup>1</sup> 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"	<b>LP21</b>	<b>\$60.00</b>	---	---
2"	<b>LP26</b>	<b>53.20</b>	---	---
3"	<b>LP36</b>	<b>125.00</b>	<b>RLP36<sup>1</sup></b>	<b>\$221.40</b>
4"	<b>LP46</b>	<b>164.00</b>	<b>RLP46<sup>1</sup></b>	<b>375.00</b>
6"	<b>LP66</b>	<b>340.00</b>	---	---

#### schedule 80 <sup>2</sup>

Size	Plated Carbon Steel	
	Part #	Price/E
1½"	<b>LP21-80</b>	<b>\$69.00</b>
2"	<b>LP26-80</b>	<b>71.85</b>

<sup>1</sup> made from tubular steel

<sup>2</sup> schedule 80 stems meet NFPA 58

K

## 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"	<b>J48</b>	<b>\$7.45</b>	100	15
1-12/64"	1-24/64"	<b>J49</b>	<b>9.00</b>	50	21
1-28/64"	1-34/64"	<b>JX49</b>	<b>12.35</b>	25	21
1-40/64"	1-52/64"	<b>DL14</b>	<b>13.45</b>	25	40
1-48/64"	2-3/64"	<b>DL20</b>	<b>13.25</b>	25	27
2-7/64"	2-19/64"	<b>DL24<sup>1</sup></b>	<b>12.70</b>	25	27
2-20/64"	2-40/64"	<b>DL32<sup>1</sup></b>	<b>13.70</b>	25	40
2-32/64"	2-48/64"	<b>DL275</b>	<b>17.40</b>	25	40
2-48/64"	3-4/64"	<b>DL306</b>	<b>20.15</b>	20	60
3-4/64"	3-24/64"	<b>DL328</b>	<b>21.30</b>	20	60
3-16/64"	3-32/64"	<b>DL350</b>	<b>20.50</b>	20	60

<sup>1</sup> investment cast carbon steel

Hose OD		Plated Iron		Opt Qty	Torque in ft. lbs.
from	to	Part #	Price/E		
3-32/64"	3-52/64"	<b>400</b>	<b>\$21.00</b>	25	40
3-50/64"	4-4/64"	<b>431</b>	<b>25.10</b>	20	40
4-2/64"	4-18/64"	<b>463</b>	<b>22.95</b>	20	40
4-16/64"	4-60/64"	<b>525</b>	<b>26.70</b>	10	60
4-32/64"	5-16/64"	<b>550</b>	<b>29.00</b>	10	60
5-8/64"	5-44/64"	<b>600</b>	<b>31.55</b>	10	60
5-44/64"	5-60/64"	<b>639</b>	<b>35.15</b>	10	60
5-60/64"	6-32/64"	<b>675</b>	<b>34.15</b>	10	60
6-32/64"	7-36/64"	<b>769</b>	<b>39.25</b>	10	60
7-44/64"	8-12/64"	<b>818</b>	<b>55.50</b>	5	125
8-16/64"	8-56/64"	<b>875</b>	<b>54.90</b>	5	125
8-60/64"	9-56/64"	<b>988</b>	<b>65.60</b>	5	125
9-60/64"	11-24/64"	<b>1125</b>	<b>99.00</b>	5	125
11-12/64"	13"	<b>1275</b>	<b>110.20</b>	3	125
12-12/64"	14"	<b>1360</b>	<b>180.25</b>	2	200
13-12/64"	15"	<b>1450</b>	<b>178.70</b>	2	200
15-4/64"	17-32/64"	<b>1700</b>	<b>208.10</b>	2	260

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"	<b>2</b>	<b>\$19.25</b>	6
62/64"	1-8/64"	<b>3</b>	<b>20.40</b>	6
1-4/64"	1-12/64"	<b>4</b>	<b>21.00</b>	6
1-10/64"	1-16/64"	<b>5</b>	<b>19.40</b>	6
1-16/64"	1-24/64"	<b>6</b>	<b>20.20</b>	6
1-22/64"	1-28/64"	<b>7</b>	<b>21.00</b>	6
1-28/64"	1-36/64"	<b>8</b>	<b>25.75</b>	6
1-34/64"	1-44/64"	<b>9</b>	<b>21.50</b>	6
1-42/64"	1-48/64"	<b>10</b>	<b>21.00</b>	6
1-48/64"	1-56/64"	<b>11</b>	<b>24.00</b>	6
1-56/64"	2-2/64"	<b>12</b>	<b>22.60</b>	6
2"	2-8/64"	<b>13</b>	<b>24.60</b>	12
2-8/64"	2-18/64"	<b>14</b>	<b>26.15</b>	12
2-16/64"	2-26/64"	<b>15</b>	<b>38.80</b>	12

Hose OD		Plated Iron		Torque in ft. lbs.
from	to	Part #	Price/E	
2-24/64"	2-32/64"	<b>16</b>	<b>\$24.20</b>	12
2-32/64"	2-40/64"	<b>17</b>	<b>23.60</b>	12
2-40/64"	2-56/64"	<b>18</b>	<b>29.50</b>	12
2-56/64"	3-4/64"	<b>19</b>	<b>28.25</b>	12
3-4/64"	3-16/64"	<b>20</b>	<b>27.70</b>	12
3-16/64"	3-28/64"	<b>21</b>	<b>31.75</b>	12
3-28/64"	3-40/64"	<b>22</b>	<b>29.50</b>	21
3-40/64"	3-52/64"	<b>23</b>	<b>41.00</b>	21
3-52/64"	4-8/64"	<b>24</b>	<b>37.90</b>	21
4-8/64"	4-20/64"	<b>25</b>	<b>38.45</b>	21
4-16/64"	4-32/64"	<b>26</b>	<b>39.50</b>	21
4-28/64"	4-40/64"	<b>27</b>	<b>46.70</b>	21
4-40/64"	4-56/64"	<b>X27</b>	<b>41.00</b>	21
4-56/64"	5-16/64"	<b>28</b>	<b>45.60</b>	21

## 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		<i>Plated Steel, Right Hand</i>		<i>Plated Steel, Left Hand</i>	
	from	to	Part #	Price/E	Part #	Price/E
1½"	1-34/64"	1-52/64"	<b>SC150</b>	<b>\$12.70</b>	<b>SCCW150</b>	<b>\$12.70</b>
2"	2-18/64"	2-32/64"	<b>SC200</b>	<b>15.65</b>	<b>SCCW200</b>	<b>15.65</b>
2½"	2-46/64"	3-8/64"	<b>SC250</b>	<b>18.40</b>	<b>SCCW250</b>	<b>18.40</b>
3"	3"	3-32/64"	<b>SC300</b>	<b>19.40</b>	<b>SCCW300</b>	<b>19.40</b>
4"	4"	4-32/64"	<b>SC400</b>	<b>22.70</b>	<b>SCCW400</b>	<b>22.70</b>
5"	5-6/64"	5-32/64"	<b>SC500</b>	<b>29.35</b>	<b>SCCW500</b>	<b>29.35</b>
6"	6-16/64"	7"	<b>SC600</b>	<b>31.20</b>	<b>SCCW600</b>	<b>31.20</b>
8"	8-32/64"	9-16/64"	<b>SC800</b>	<b>37.60</b>	<b>SCCW800</b>	<b>37.60</b>
10"	10-40/64"	11-16/64"	<b>SC1000</b>	<b>47.10</b>	<b>SCCW1000</b>	<b>49.40</b>
12"	11-52/64"	12-61/64"	<b>SC1200</b>	<b>56.00</b>	<b>SCCW1200</b>	<b>56.00</b>

## T-Bolt Clamps

**Features:****Style TBC**

- 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

**Style STBC**

- 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

Hose OD		style TBC Part #	Price/E	style STBC Part #	Price/E	Opt Qty
from	to					
1.250"	1.406"	<b>TBC131</b>	<b>\$10.20</b>	<b>STBC131</b>	<b>\$14.60</b>	25
1.344"	1.562"	<b>TBC150</b>	<b>7.60</b>	<b>STBC150</b>	<b>8.70</b>	25
1.474"	1.692"	---	---	<b>STBC163</b>	<b>8.70</b>	25
1.594"	1.812"	<b>TBC175</b>	<b>7.60</b>	<b>STBC175</b>	<b>8.70</b>	25
1.724"	1.942"	<b>TBC188</b>	<b>7.60</b>	<b>STBC188</b>	<b>8.70</b>	25
1.844"	2.062"	<b>TBC200</b>	<b>7.60</b>	<b>STBC200</b>	<b>8.70</b>	25
1.964"	2.182"	---	---	<b>STBC212</b>	<b>8.80</b>	25
2.094"	2.312"	<b>TBC225</b>	<b>7.60</b>	<b>STBC225</b>	<b>8.80</b>	25
2.224"	2.442"	<b>TBC238</b>	<b>7.60</b>	<b>STBC238</b>	<b>8.80</b>	25
2.344"	2.562"	<b>TBC250</b>	<b>7.80</b>	<b>STBC250</b>	<b>8.90</b>	25
2.326"	2.622"	<b>TBC256</b>	<b>7.40</b>	<b>STBC256</b>	<b>8.50</b>	25
2.396"	2.692"	<b>TBC263</b>	<b>7.40</b>	<b>STBC263</b>	<b>8.50</b>	25
2.516"	2.812"	<b>TBC275</b>	<b>7.40</b>	<b>STBC275</b>	<b>8.50</b>	25
2.646"	2.942"	<b>TBC288</b>	<b>7.50</b>	<b>STBC288</b>	<b>8.50</b>	25
2.766"	3.062"	<b>TBC300</b>	<b>7.50</b>	<b>STBC300</b>	<b>8.60</b>	25
2.886"	3.182"	<b>TBC312</b>	<b>7.60</b>	<b>STBC312</b>	<b>8.60</b>	25
3.016"	3.312"	<b>TBC325</b>	<b>7.60</b>	<b>STBC325</b>	<b>8.60</b>	25
3.266"	3.562"	<b>TBC350</b>	<b>7.90</b>	<b>STBC350</b>	<b>8.90</b>	25
3.386"	3.682"	---	---	<b>STBC362</b>	<b>8.90</b>	25
3.516"	3.812"	<b>TBC375</b>	<b>7.90</b>	<b>STBC375</b>	<b>8.90</b>	25
3.586"	3.882"	<b>TBC382</b>	<b>8.00</b>	<b>STBC382</b>	<b>8.90</b>	25
3.766"	4.062"	<b>TBC400</b>	<b>8.00</b>	<b>STBC400</b>	<b>8.90</b>	25
4.016"	4.312"	<b>TBC425</b>	<b>8.00</b>	<b>STBC425</b>	<b>9.00</b>	25
4.266"	4.562"	<b>TBC450</b>	<b>8.00</b>	<b>STBC450</b>	<b>9.00</b>	25
4.516"	4.812"	<b>TBC475</b>	<b>8.00</b>	<b>STBC475</b>	<b>9.60</b>	25
4.766"	5.062"	<b>TBC500</b>	<b>8.10</b>	<b>STBC500</b>	<b>9.80</b>	25
5.016"	5.312"	<b>TBC525</b>	<b>8.10</b>	<b>STBC525</b>	<b>9.80</b>	25
5.266"	5.562"	<b>TBC550</b>	<b>8.60</b>	<b>STBC550</b>	<b>10.30</b>	25
5.516"	5.812"	<b>TBC575</b>	<b>8.60</b>	<b>STBC575</b>	<b>10.30</b>	25
5.766"	6.062"	<b>TBC600</b>	<b>8.70</b>	<b>STBC600</b>	<b>10.30</b>	25
6.016"	6.312"	<b>TBC625</b>	<b>8.70</b>	<b>STBC625</b>	<b>10.30</b>	25
6.266"	6.562"	<b>TBC650</b>	<b>8.80</b>	<b>STBC650</b>	<b>10.30</b>	25
6.516"	6.812"	<b>TBC675</b>	<b>8.80</b>	<b>STBC675</b>	<b>10.30</b>	25
6.766"	7.062"	<b>TBC700</b>	<b>8.90</b>	<b>STBC700</b>	<b>10.70</b>	25
7.016"	7.312"	---	---	<b>STBC725</b>	<b>10.80</b>	25
7.266"	7.562"	<b>TBC750</b>	<b>8.90</b>	<b>STBC750</b>	<b>10.80</b>	25
7.766"	8.062"	---	---	<b>STBC800</b>	<b>11.10</b>	25
8.016"	8.312"	---	---	<b>STBC825</b>	<b>11.10</b>	25
8.266"	8.562"	---	---	<b>STBC850</b>	<b>11.10</b>	25
8.646"	8.942"	---	---	<b>STBC888</b>	<b>11.80</b>	25
8.766"	9.062"	---	---	<b>STBC900</b>	<b>11.80</b>	25
9.266"	9.562"	---	---	<b>STBC950</b>	<b>11.80</b>	25
9.766"	10.062"	---	---	<b>STBC1000</b>	<b>11.80</b>	10
10.646"	10.942"	---	---	<b>STBC1088</b>	<b>12.70</b>	10
11.766"	12.062"	---	---	<b>STBC1200</b>	<b>12.70</b>	10
12.646"	12.942"	---	---	<b>STBC1288</b>	<b>12.70</b>	10



style TBC



style STBC

K

## Heavy Duty T-Bolt Clamps



## Features:

- can be applied with a standard 1/2" socket wrench.
- 7/8" wide, .040" thick, 300 series stainless steel band
- carbon steel bolt, torque rating: 150 in/lbs

## style HTBC

Hose OD		Part #	Price/E
from	to		
2.125"	2.4375"	<b>HTBC238</b>	<b>\$14.30</b>
2.250"	2.5625"	<b>HTBC250</b>	<b>14.40</b>
2.750"	3.0625"	<b>HTBC300</b>	<b>14.60</b>
3.250"	3.5625"	<b>HTBC350</b>	<b>14.80</b>
3.750"	4.0625"	<b>HTBC400</b>	<b>15.10</b>
4.250"	4.5625"	<b>HTBC450</b>	<b>15.30</b>
4.750"	5.0625"	<b>HTBC500</b>	<b>15.60</b>
5.250"	5.5625"	<b>HTBC550</b>	<b>15.80</b>
5.750"	6.0625"	<b>HTBC600</b>	<b>16.00</b>
6.250"	6.5625"	<b>HTBC650</b>	<b>16.30</b>
6.750"	7.0625"	<b>HTBC700</b>	<b>16.50</b>
7.250"	7.5625"	<b>HTBC750</b>	<b>16.80</b>
7.750"	8.0625"	<b>HTBC800</b>	<b>17.00</b>



## Features:

- can be applied with a standard 1/2" socket wrench.
- 7/8" wide, .040" thick, 300 series stainless steel band
- 300 series stainless steel bolt, torque rating: 150 in/lbs

## style HSTBC

Hose OD		Part #	Price/E
from	to		
2.125"	2.4375"	<b>HSTBC238</b>	<b>\$16.20</b>
2.250"	2.5625"	<b>HSTBC250</b>	<b>16.30</b>
2.750"	3.0625"	<b>HSTBC300</b>	<b>16.50</b>
3.250"	3.5625"	<b>HSTBC350</b>	<b>16.80</b>
3.750"	4.0625"	<b>HSTBC400</b>	<b>17.00</b>
4.250"	4.5625"	<b>HSTBC450</b>	<b>17.30</b>
4.750"	5.0625"	<b>HSTBC500</b>	<b>17.50</b>
5.250"	5.5625"	<b>HSTBC550</b>	<b>17.80</b>
5.750"	6.0625"	<b>HSTBC600</b>	<b>18.00</b>
6.250"	6.5625"	<b>HSTBC650</b>	<b>18.30</b>
6.750"	7.0625"	<b>HSTBC700</b>	<b>18.40</b>
7.250"	7.5625"	<b>HSTBC750</b>	<b>18.80</b>
7.750"	8.0625"	<b>HSTBC800</b>	<b>19.10</b>
8.266"	8.562"	<b>HSTBC850</b>	<b>26.80</b>
8.646"	8.942"	<b>HSTBC888</b>	<b>27.20</b>
8.766"	9.062"	<b>HSTBC900</b>	<b>27.50</b>
9.266"	9.562"	<b>HSTBC950</b>	<b>28.30</b>
9.766"	10.062"	<b>HSTBC1000</b>	<b>29.00</b>
10.646"	10.942"	<b>HSTBC1088</b>	<b>30.50</b>
12.646"	12.942"	<b>HSTBC1288</b>	<b>33.40</b>

K

## Long Bolt T-Bolt Clamps



## Features:

- T-bolts can be applied with a standard 7/16" socket wrench.
- 3/4" 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"	<b>STBC325L</b>	<b>\$12.00</b>	25
3.05"	3.62"	<b>STBC350L</b>	<b>12.00</b>	25
3.37"	3.94"	<b>STBC382L</b>	<b>12.00</b>	25
3.55"	4.12"	<b>STBC400L</b>	<b>12.10</b>	25
3.75"	4.32"	<b>STBC420L</b> <sup>1</sup>	<b>12.10</b>	25
3.87"	4.44"	<b>STBC432L</b>	<b>12.00</b>	25
4.05"	4.62"	<b>STBC450L</b>	<b>12.10</b>	25
4.37"	4.94"	<b>STBC482L</b>	<b>12.30</b>	25
4.55"	5.12"	<b>STBC500L</b>	<b>12.30</b>	25
4.87"	5.44"	<b>STBC532L</b>	<b>12.30</b>	25
5.05"	5.62"	<b>STBC550L</b>	<b>12.30</b>	25
5.37"	5.94"	<b>STBC582L</b>	<b>12.40</b>	25
5.55"	6.12"	<b>STBC600L</b> <sup>1</sup>	<b>12.50</b>	25
5.87"	6.44"	<b>STBC632L</b>	<b>12.50</b>	25
6.05"	6.62"	<b>STBC650L</b>	<b>12.60</b>	25
6.30"	6.87"	<b>STBC675L</b>	<b>12.60</b>	25
6.53"	7.10"	<b>STBC698L</b>	<b>12.70</b>	25
6.55"	7.12"	<b>STBC700L</b> <sup>1</sup>	<b>12.70</b>	25

Hose OD		Part #	Price/E	Opt Qty
from	to			
6.62"	7.19"	<b>STBC707L</b>	<b>\$12.70</b>	25
8.05"	8.62"	<b>STBC850L</b>	<b>13.60</b>	25
8.30"	8.87"	<b>STBC875L</b>	<b>13.70</b>	25
8.43"	9.00"	<b>STBC888L</b>	<b>14.20</b>	25
8.62"	9.19"	<b>STBC907L</b>	<b>14.30</b>	25
10.25"	10.82"	<b>STBC1070L</b>	<b>14.30</b>	25
10.43"	11.00"	<b>STBC1088L</b>	<b>14.30</b>	25
10.62"	11.19"	<b>STBC1107L</b> <sup>1</sup>	<b>14.30</b>	25
10.72"	11.29"	<b>STBC1117L</b>	<b>16.90</b>	25
12.20"	12.77"	<b>STBC1265L</b>	<b>14.80</b>	25
12.43"	13.00"	<b>STBC1288L</b>	<b>14.80</b>	25
12.75"	13.32"	<b>STBC1320L</b>	<b>14.80</b>	25
14.20"	14.77"	<b>STBC1465L</b>	<b>14.90</b>	25
14.43"	15.00"	<b>STBC1488L</b>	<b>14.90</b>	25
14.75"	15.32"	<b>STBC1520L</b>	<b>15.20</b>	25
16.20"	16.77"	<b>STBC1665L</b>	<b>15.70</b>	25
16.43"	17.00"	<b>STBC1688L</b>	<b>15.70</b>	25

<sup>1</sup> 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 850
- 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



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## 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 849
- 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 850
- 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 850
- 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 <sup>1</sup>	\$30.75	5
3/8"	3/8" - 18	2500	steel	18-300 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	\$15.00	10
3/8"	3/8" - 18	2500	steel	19-300 <sup>1</sup>	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 <sup>1</sup>	53.75	10

<sup>1</sup> 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



18-004

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 <sup>2</sup>	9.65	10
3/4"	rubber	18-006	10.25	10
1"	rubber	18-008	11.80	10

<sup>2</sup> 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 849

### Couplers

Body Size	Female NPT	PSI at 70°F	Material		Part #	Price/E	Opt Qty
			Body	Nut			
¾"	¾" - 14	<b>3000</b>	brass	steel	<b>78-600</b>	<b>\$79.57</b>	5
1"	1" - 11½	<b>4000</b>	brass	steel	<b>78-800</b>	<b>97.60</b>	5
1¼"	1¼" - 11½	<b>3000</b>	brass	steel	<b>78-1000</b>	<b>178.23</b>	5
1½"	1½" - 11½	<b>2500</b>	brass	steel	<b>78-1200</b>	<b>212.18</b>	1



### Plugs

Body Size	Male NPT	PSI at 70°F	Material	Part #	Price/E	Opt Qty
¾"	¾" - 14	<b>3000</b>	brass	<b>79-600</b>	<b>\$56.23</b>	5
1"	1" - 11½	<b>4000</b>	brass	<b>79-800</b>	<b>60.47</b>	5
1¼"	1¼" - 11½	<b>3000</b>	brass	<b>79-1000</b>	<b>125.19</b>	5
1½"	1½" - 11½	<b>2500</b>	brass	<b>79-1200</b>	<b>212.18</b>	1



### Flanges

Body Size	Material	Part #	Price/E	Opt Qty
¾"	steel	<b>77-600</b>	<b>\$4.77</b>	2
1"	steel	<b>77-800</b>	<b>6.37</b>	2
1¼"	steel	<b>77-1000</b>	<b>8.49</b>	2
1½"	steel	<b>77-1200</b>	<b>10.61</b>	2



### Screw Type Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
¾"	steel	<b>78-006</b>	<b>\$18.23</b>	1
1"	steel	<b>78-008</b>	<b>20.09</b>	1
1¼"	steel	<b>78-010</b>	<b>28.84</b>	1
1½"	steel	<b>78-012</b>	<b>51.50</b>	1



### Screw Type Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
¾"	steel	<b>79-006</b>	<b>\$16.07</b>	1
1"	steel	<b>79-008</b>	<b>17.51</b>	1
1¼"	steel	<b>79-010</b>	<b>27.19</b>	1
1½"	steel	<b>79-012</b>	<b>47.38</b>	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	<b>6WSF6</b>	<b>\$155.44</b>	5
1"	1" - 11½	5,000	steel	<b>8WSF8</b>	<b>233.16</b>	5
1¼"	1¼" - 11½	5,000	steel	<b>10WSF10</b>	<b>394.31</b>	1
1½"	1½" - 11½	5,000	steel	<b>12WSF12</b>	<b>582.88</b>	1
2"	2" - 11½	5,000	steel	<b>16WSF16</b>	<b>834.32</b>	1

### Plugs



Body Size	Male NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
¾"	¾" - 14	5,000	steel	<b>WS6F6</b>	<b>\$142.86</b>	5
1"	1" - 11½	5,000	steel	<b>WS8F8</b>	<b>171.44</b>	5
1¼"	1¼" - 11½	5,000	steel	<b>WS10F10</b>	<b>314.31</b>	1
1½"	1½" - 11½	5,000	steel	<b>WS12F12</b>	<b>491.45</b>	1
2"	2" - 11½	5,000	steel	<b>WS16F16</b>	<b>800.03</b>	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	<b>6WSF6-BOP</b>	<b>\$228.58</b>	5
1"	1" - 11½	5,000	steel	<b>8WSF8-BOP</b>	<b>320.02</b>	5
1¼"	1¼" - 11½	5,000	steel	<b>10WSF10-BOP</b>	<b>514.31</b>	1
1½"	1½" - 11½	5,000	steel	<b>12WSF12-BOP</b>	<b>731.46</b>	1
2"	2" - 11½	5,000	steel	<b>16WSF16-BOP</b>	<b>1028.62</b>	1

### Plugs



Body Size	Male NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
¾"	¾" - 14	5,000	steel	<b>WS6F6-BOP</b>	<b>\$177.15</b>	5
1"	1" - 11½	5,000	steel	<b>WS8F8-BOP</b>	<b>188.58</b>	5
1¼"	1¼" - 11½	5,000	steel	<b>WS10F10-BOP</b>	<b>377.16</b>	1
1½"	1½" - 11½	5,000	steel	<b>WS12F12-BOP</b>	<b>571.45</b>	1
2"	2" - 11½	5,000	steel	<b>WS16F16-BOP</b>	<b>960.04</b>	1

### Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
¾"	aluminum	<b>6WSDP-A</b>	<b>\$39.31</b>	25
1"	aluminum	<b>8WSDP-A</b>	<b>50.40</b>	10
1¼"	aluminum	<b>10WSDP-A</b>	<b>70.55</b>	10
1½"	aluminum	<b>12WSDP-A</b>	<b>75.59</b>	5
2"	aluminum	<b>16WSDP-A</b>	<b>125.98</b>	5

### Dust Caps



Body Size	Material	Part #	Price/E	Opt Qty
¾"	aluminum	<b>WS6DC-A</b>	<b>\$39.31</b>	25
1"	aluminum	<b>WS8DC-A</b>	<b>50.40</b>	10
1¼"	aluminum	<b>WS10DC-A</b>	<b>70.55</b>	10
1½"	aluminum	<b>WS12DC-A</b>	<b>75.59</b>	5
2"	aluminum	<b>WS16DC-A</b>	<b>125.98</b>	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 849

### NPTF Fittings Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	<b>2HTF2</b>	<b>\$74.13</b>	5
3/8"	3/8" - 18	5000	steel	<b>3HTF3</b>	<b>76.45</b>	5
3/8"	1/2" - 14	5000	steel	<b>3HTF4</b>	<b>76.45</b>	5
1/2"	1/2" - 14	5000	steel	<b>4HTF4</b>	<b>92.66</b>	5
1/2"	3/4" - 14	5000	steel	<b>4HTF6</b>	<b>98.46</b>	5
5/8"	3/4" - 14	5000	steel	<b>5HTF6</b>	<b>133.20</b>	5
3/4"	3/4" - 14	5000	steel	<b>6HTF6</b>	<b>208.49</b>	5
1"	1" - 11 1/2	5000	steel	<b>8HTF8</b>	<b>289.57</b>	5



### Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/4"	1/4" - 18	5000	steel	<b>HT2F2</b>	<b>\$30.12</b>	5
3/8"	3/8" - 18	5000	steel	<b>HT3F3</b>	<b>32.43</b>	5
3/8"	1/2" - 14	5000	steel	<b>HT3F4</b>	<b>32.43</b>	5
1/2"	1/2" - 14	5000	steel	<b>HT4F4</b>	<b>52.12</b>	5
1/2"	3/4" - 14	5000	steel	<b>HT4F6</b>	<b>57.92</b>	5
5/8"	3/4" - 14	5000	steel	<b>HT5F6</b>	<b>74.13</b>	5
3/4"	3/4" - 14	5000	steel	<b>HT6F6</b>	<b>94.98</b>	5
1"	1" - 11 1/2	5000	steel	<b>HT8F8</b>	<b>179.54</b>	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	<b>4HTOF5</b>	<b>\$98.46</b>	5
1/2"	1-1/16" - 12	5000	steel	<b>4HTOF6</b>	<b>98.46</b>	5



### Plugs

Body Size	Female ORB	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	7/8" - 14	5000	steel	<b>HT4OF5</b>	<b>\$57.92</b>	5
1/2"	1-1/16" - 12	5000	steel	<b>HT4OF6</b>	<b>57.92</b>	--



### Dust Plugs

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	<b>2HTDP</b>	<b>\$7.70</b>	10
3/8"	rubber	<b>3HTDP</b>	<b>8.58</b>	10
1/2"	rubber	<b>4HTDP</b>	<b>11.36</b>	10
5/8"	rubber	<b>5HTDP</b>	<b>13.37</b>	10
3/4"	rubber	<b>6HTDP</b>	<b>14.37</b>	10
1"	rubber	<b>8HTDP</b>	<b>16.49</b>	10



### Dust Caps

Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	<b>HT2DC</b>	<b>\$7.70</b>	10
3/8"	rubber	<b>HT3DC</b>	<b>\$8.58</b>	10
1/2"	rubber	<b>HT4DC</b>	<b>11.36</b>	10
5/8"	rubber	<b>HT5DC</b>	<b>13.37</b>	10
3/4"	rubber	<b>HT6DC</b>	<b>14.37</b>	10
1"	rubber	<b>HT8DC</b>	<b>16.49</b>	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	2978.76	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	2214.99	1

### Dust Plugs



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	aluminum	2VEPDP-A	\$27.01	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 849
- Buna-N seal
- dust caps and plugs are on the following page

### 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	62.58	5
1"	1" - 11 1/2	2000	steel	VHC800	97.23	5
1 1/4"	1 1/4" - 11 1/2	1750	steel	VHC1000	230.41	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	58.18	5
3/4"	3/4" - 14	2000	brass	VHC600B	90.33	5
1/4"	1/4" - 18	5000	316 stainless	VHC200SS	104.32	5
1/2"	1/2" - 14	3750	316 stainless	VHC400SS	206.42	5
3/4"	3/4" - 14	2000	316 stainless	VHC600SS	295.52	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	229.77	1
2"	2" - 11 1/2	1500	steel	VHN1600	438.03	1
1/4"	1/4" - 18	2250	brass	VHN200B	21.77	5
3/8"	3/8" - 18	2250	brass	VHN300B	30.55	5
1/2"	1/2" - 14	2000	brass	VHN400B	40.62	5
3/4"	3/4" - 14	2000	brass	VHN600B	52.54	5
1/4"	1/4" - 18	5000	316 stainless	VHN200SS	72.77	5
1/2"	1/2" - 14	3750	316 stainless	VHN400SS	147.03	5
3/4"	3/4" - 14	2000	316 stainless	VHN600SS	202.48	5



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### Non-valved Couplers

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	1/2" - 14	11,000	steel	VHC400NV	\$27.30	5
3/4"	3/4" - 14	9,000	steel	VHC600NV	41.83	5



**NEW**

### Non-valved Plugs

Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	1/2" - 14	11,000	steel	VHN400NV	\$10.20	5
3/4"	3/4" - 14	9,000	steel	VHN600NV	14.51	5



**NEW**

- dust caps and plugs below are for couplings on the previous page

**Dust Plugs**



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	<b>VHC002</b>	<b>\$3.16</b>	10
3/8"	rubber	<b>VHCN003</b>	<b>3.51</b>	10
1/2"	rubber	<b>VHCN004</b>	<b>3.51</b>	10
3/4"	rubber	<b>VHCN006</b>	<b>8.52</b>	10
1"	rubber	<b>VHCN008</b>	<b>10.53</b>	10
1 1/4"	aluminum	<b>VHC010</b>	<b>25.81</b>	10
1 1/2"	aluminum	<b>VHC012</b>	<b>52.80</b>	10
2"	aluminum	<b>VHC016</b>	<b>90.07</b>	10

**Dust Caps**



Body Size	Material	Part #	Price/E	Opt Qty
1/4"	rubber	<b>VHN002</b>	<b>\$3.16</b>	10
3/8"	rubber	<b>VHCN003</b>	<b>3.51</b>	10
1/2"	rubber	<b>VHCN004</b>	<b>3.51</b>	10
3/4"	rubber	<b>VHCN006</b>	<b>8.52</b>	10
1"	rubber	<b>VHCN008</b>	<b>10.53</b>	10
1 1/4"	aluminum	<b>VHN010</b>	<b>32.05</b>	10
1 1/2"	aluminum	<b>VHN012</b>	<b>61.57</b>	10
2"	aluminum	<b>VHN016</b>	<b>77.44</b>	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	<b>10000</b>	steel	<b>4EAF3</b>	<b>\$125.17</b>	25
1/2"	1/2" - 14	<b>10000</b>	steel	<b>4EAF4</b>	<b>125.17</b>	25

**Plugs**



Body Size	Female NPTF	PSI at 70°F	Material	Part #	Price/E	Opt Qty
1/2"	3/8" - 18	<b>10000</b>	steel	<b>EA4F3</b>	<b>\$34.88</b>	25
1/2"	1/2" - 14	<b>10000</b>	steel	<b>EA4F4</b>	<b>34.88</b>	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	<b>188-12</b>	<b>\$14.10</b>
1"	1"-11½	<b>188-16</b>	<b>33.00</b>
1¼"	1¼"-11½	<b>188-20</b>	<b>62.00</b>
1½"	1½"-11½	<b>188-24</b>	<b>76.00</b>
2"	2"-11½	<b>188-32</b>	<b>117.00</b>



### female SAE (JIC) 37° swivel

Hose ID	Female SAE	Plated Steel	
		Part #	Price/E
3/4"	1-1/16"-12	<b>688-12</b>	<b>\$19.70</b>
1"	1-5/16"-12	<b>688-16</b>	<b>39.00</b>
1¼"	1-5/8"-12	<b>688-20</b>	<b>84.00</b>
1½"	1-7/8"-12	<b>688-24</b>	<b>91.00</b>
2"	2-1/2"-12	<b>688-32</b>	<b>186.60</b>



- 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"	<b>J48</b>	<b>\$7.45</b>	100	15
1"	1-40/64"	1-52/64"	<b>DL14</b>	<b>13.45</b>	25	40
1¼"	1-48/64"	2-3/64"	<b>DL20</b>	<b>13.25</b>	25	27
1½"	2-7/64"	2-19/64"	<b>DL24</b> <sup>1</sup>	<b>12.70</b>	25	27
2"	2-20/64"	2-40/64"	<b>DL32</b> <sup>1</sup>	<b>13.70</b>	25	40



<sup>1</sup> 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"	<b>MSC</b>	<b>\$6.55</b>
1/2"	<b>HY4</b>	<b>17.70</b>
3/4"	<b>MS6</b>	<b>9.85</b>
1"	<b>HY8</b>	<b>25.00</b>



NPTF Size	Plated Iron	
	Part #	Price/E
1 1/4"	<b>HY10</b>	<b>\$35.60</b>
1 1/2"	<b>HY12</b>	<b>41.00</b>
2"	<b>HY16</b>	<b>46.85</b>

## 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"	<b>HD1-3</b>	<b>\$18.85</b>	12
1/2"	56/64"	60/64"	<b>HD1-4</b>	<b>18.30</b>	18
3/4"	1-10/64"	1-14/64"	<b>HD1-6</b>	<b>21.65</b>	18
1"	1-29/64"	1-35/64"	<b>HD1-8</b>	<b>26.10</b>	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"	<b>HRC-037</b>	<b>\$18.20</b>	18
1/2"	57/64"	1"	<b>HRC-050</b>	<b>20.60</b>	18
3/4"	1-16/64"	1-20/64"	<b>HRC-075</b>	<b>17.85</b>	36
1"	1-37/64"	1-41/64"	<b>HRC-100</b>	<b>24.10</b>	64
1 1/4"	1-54/64"	1-62/64"	<b>HRC-125</b>	<b>41.00</b>	90
1 1/2"	2-10/64"	2-18/64"	<b>HRC-150</b>	<b>40.60</b>	90
2"	2-43/64"	2-52/64"	<b>HRC-200</b>	<b>52.20</b>	90

## Hydraulic Code 61/Code 62 Flanges

**Features:**

- flat face flange must be used with O-ring flange
- code 61 - standard pressure; code 62 - high pressure
- makes installation of components easier, especially in applications with limited space
- bolt kit with Buna O-ring included with O-ring flange
- no bolt kit is included with flat face flange
- 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 <sup>1</sup>	202.75	W106-32-32	195.00	W48-32-32-U	253.00	W49-32-32	194.00



<sup>1</sup> 1000 PSI maximum

**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



### 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)
-8	½"	5000	35	24
-12	¾"	5000	35	44
-16	1"	4600	32	44
-20	1¼"	4000	28	68
-24	1½"	3000	21	111
-32	2"	3000	21	111
-40	2½"	2500	17.5	111
-48	3"	2300	16	218
-56	3½"	500	3.5	218
-64	4"	500	3.5	218
-80	5"	500	3.5	218

**Code 62 SAE J518-2 / ISO 6162-2**

Dash Size	Size	Max. Working Pressure		Fastener Torque Value
		PSI	MPa	Grade 8 UNC (lb-ft)
-8	½"	6000	40	24
-12	¾"	6000	40	44
-16	1"	6000	40	68
-20	1¼"	6000	40	111
-24	1½"	6000	40	218
-32	2"	6000	40	332

- Connection type opposite 4-bolt flange connection can de-rate maximum working pressure.

## 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
½"	<b>8SFO</b>	<b>\$19.40</b>	<b>8SFXO</b>	<b>\$31.00</b>
¾"	<b>12SFO</b>	<b>14.80</b>	<b>12SFXO</b>	<b>26.60</b>
1"	<b>16SFO</b>	<b>16.50</b>	<b>16SFXO</b>	<b>31.00</b>
1¼"	<b>20SFO</b>	<b>20.75</b>	<b>20SFXO</b>	<b>43.40</b>
1½"	<b>24SFO</b>	<b>26.25</b>	<b>24SFXO</b>	<b>63.00</b>
2"	<b>32SFO</b>	<b>28.25</b>	<b>32SFXO</b>	<b>107.25</b>
2½"	<b>40SFO</b>	<b>45.50</b>	---	---
3"	<b>48SFO</b>	<b>76.50</b>	---	---

## Hydraulic Code 61 / Code 62 Flange Adapters

### 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	½"	½"	<b>300-8-8</b>	<b>\$18.75</b>	---	---
3/4"-16	½"	¾"	<b>300-8-12</b>	<b>31.00</b>	---	---
1-1/16"-12	¾"	¾"	<b>300-12-12</b>	<b>22.50</b>	<b>600-12-12</b>	<b>\$30.00</b>
1-1/16"-12	¾"	1"	<b>300-12-16</b>	<b>25.50</b>	<b>600-12-16</b>	<b>41.70</b>
1-5/16"-12	1"	¾"	<b>300-16-12</b>	<b>24.50</b>	<b>600-16-12</b>	<b>34.00</b>
1-5/16"-12	1"	1"	<b>300-16-16</b>	<b>27.00</b>	<b>600-16-16</b>	<b>35.30</b>
1-5/16"-12	1"	1¼"	<b>300-16-20</b>	<b>30.70</b>	<b>600-16-20</b>	<b>43.30</b>
1-5/8"-12	1¼"	1"	<b>300-20-16</b>	<b>29.70</b>	<b>600-20-16</b>	<b>49.00</b>
1-5/8"-12	1¼"	1¼"	<b>300-20-20</b>	<b>33.20</b>	<b>600-20-20</b>	<b>42.50</b>
1-5/8"-12	1¼"	1½"	<b>300-20-24</b>	<b>53.00</b>	<b>600-20-24</b>	<b>63.00</b>
1-7/8"-12	1½"	1¼"	<b>300-24-20</b>	<b>41.00</b>	<b>600-24-20</b>	<b>52.75</b>
1-7/8"-12	1½"	1½"	<b>300-24-24</b>	<b>38.75</b>	<b>600-24-24</b>	<b>54.25</b>
1-7/8"-12	1½"	2"	<b>300-24-32</b>	<b>64.90</b>	<b>600-24-32</b>	<b>86.75</b>
2-1/2"-12	2"	1½"	<b>300-32-24</b>	<b>77.25</b>	<b>600-32-24</b>	<b>73.00</b>
2-1/2"-12	2"	2"	<b>300-32-32</b>	<b>60.50</b>	<b>600-32-32</b>	<b>86.75</b>



### 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	½"	¾"	<b>390-8-12</b>	<b>\$33.50</b>	---	---
1-1/16"-12	¾"	¾"	<b>390-12-12</b>	<b>26.00</b>	<b>690-12-12</b>	<b>\$39.75</b>
1-1/16"-12	¾"	1"	<b>390-12-16</b>	<b>36.50</b>	<b>690-12-16</b>	<b>53.75</b>
1-5/16"-12	1"	¾"	<b>390-16-12</b>	<b>36.00</b>	<b>690-16-12</b>	<b>47.75</b>
1-5/16"-12	1"	1"	<b>390-16-16</b>	<b>33.25</b>	<b>690-16-16</b>	<b>44.25</b>
1-5/16"-12	1"	1¼"	<b>390-16-20</b>	<b>43.25</b>	<b>690-16-20</b>	<b>60.25</b>
1-5/8"-12	1¼"	1"	<b>390-20-16</b>	<b>41.00</b>	<b>690-20-16</b>	<b>51.00</b>
1-5/8"-12	1¼"	1¼"	<b>390-20-20</b>	<b>43.25</b>	<b>690-20-20</b>	<b>55.00</b>
1-5/8"-12	1¼"	1½"	<b>390-20-24</b>	<b>61.00</b>	<b>690-20-24</b>	<b>80.00</b>
1-7/8"-12	1½"	1½"	<b>390-24-24</b>	<b>56.75</b>	<b>690-24-24</b>	<b>76.00</b>
1-7/8"-12	1½"	2"	<b>390-24-32</b>	<b>104.75</b>	<b>690-24-32</b>	<b>129.30</b>
2-1/2"-12	2"	1½"	<b>390-32-24</b>	<b>77.60</b>	<b>690-32-24</b>	<b>88.00</b>
2-1/2"-12	2"	2"	<b>390-32-32</b>	<b>102.75</b>	<b>690-32-32</b>	<b>130.00</b>



### 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	¾"	¾"	<b>340-12-12</b>	<b>\$27.00</b>	<b>640-12-12</b>	<b>\$39.00</b>
1-5/16"-12	1"	1"	<b>340-16-16</b>	<b>31.50</b>	<b>640-16-16</b>	<b>47.00</b>
1-5/8"-12	1¼"	1¼"	<b>340-20-20</b>	<b>41.00</b>	<b>640-20-20</b>	<b>53.25</b>
1-7/8"-12	1½"	1½"	<b>340-24-24</b>	<b>59.00</b>	<b>640-24-24</b>	<b>68.50</b>
2-1/2"-12	2"	2"	<b>340-32-32</b>	<b>101.00</b>	<b>640-32-32</b>	<b>170.20</b>



## Flat Face Fittings

## male flat face unions

## Feature:

- reference SAE 520101

Male Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	<b>FS2403-4</b>	6000	\$1.95
11/16"-16	<b>FS2403-6</b>	6000	2.90
13/16"-16	<b>FS2403-8</b>	6000	3.75
1"-14	<b>FS2403-10</b>	6000	5.00
1-3/16"-12	<b>FS2403-12</b>	6000	6.70
1-7/16"-12	<b>FS2403-16</b>	6000	9.55



## male flat face x male SAE O-ring Boss connectors

## Feature:

- reference SAE 520120

Male Flat Face	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	7/16"-20	<b>FS6400-4-4</b>	5000	\$2.00
11/16"-16	9/16"-18	<b>FS6400-6-6</b>	5000	2.40
13/16"-16	3/4"-16	<b>FS6400-8-8</b>	4500	3.00
1"-14	7/8"-14	<b>FS6400-10-10</b>	3500	3.85
1-3/16"-12	1-1/16"-12	<b>FS6400-12-12</b>	3500	5.45
1-7/16"-12	1-5/16"-12	<b>FS6400-16-16</b>	3000	7.90



## male flat face x male NPTF connectors

## Feature:

- reference SAE 520102

Male Flat Face	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	1/4"-18	<b>FS2404-4-4</b>	5000	\$2.05
11/16"-16	3/8"-18	<b>FS2404-6-6</b>	4000	2.15
13/16"-16	1/2"-14	<b>FS2404-8-8</b>	3000	3.15
1-3/16"-12	3/4"-14	<b>FS2404-12-12</b>	2500	8.25
1-7/16"-12	1"-11 1/2	<b>FS2404-16-16</b>	2000	8.90



## male flat face x female flat face swivel nut 90° elbows

## Feature:

- reference SAE 520221

Male Flat Face	Female Flat Face	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	9/16"-18	<b>FS6500-4-4</b>	6000	\$7.45
11/16"-16	11/16"-16	<b>FS6500-6-6</b>	6000	9.30
13/16"-16	13/16"-16	<b>FS6500-8-8</b>	6000	11.55
1"-14	1"-14	<b>FS6500-10-10</b>	6000	14.30
1-3/16"-12	1-3/16"-12	<b>FS6500-12-12</b>	6000	15.40
1-7/16"-12	1-7/16"-12	<b>FS6500-16-16</b>	6000	33.70



## male flat face x male SAE O-ring Boss 90° elbows

## Feature:

- reference SAE 520220

Male Flat Face	Male SAE O-ring Boss	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	7/16"-20	<b>FS6801-4-4</b>	5000	\$4.35
11/16"-16	9/16"-18	<b>FS6801-6-6</b>	5000	5.60
13/16"-16	3/4"-16	<b>FS6801-8-8</b>	4500	6.40
1"-14	7/8"-14	<b>FS6801-10-10</b>	3500	10.15
1-3/16"-12	1-1/16"-12	<b>FS6801-12-12</b>	3500	13.55
1-7/16"-12	1-5/16"-12	<b>FS6801-16-16</b>	3000	19.70



## Flat Face Fittings

### male flat face x male NPTF 90° elbows


**Feature:**

- reference SAE 520202

Male Flat Face	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
9/16"-18	¼"-18	<b>FS2501-4-4</b>	5000	<b>\$3.35</b>
11/16"-16	⅜"-18	<b>FS2501-6-6</b>	4000	4.65
13/16"-16	½"-14	<b>FS2501-8-8</b>	3000	6.30
1-3/16"-12	¾"-14	<b>FS2501-12-12</b>	2500	10.10
1-7/16"-12	1"-11½	<b>FS2501-16-16</b>	2000	16.85

### male flat face x male flat face x male flat face union tees

**Feature:**

- reference SAE 520401



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	<b>FS2603-4</b>	6000	<b>\$5.85</b>
11/16"-16	11/16"-16	11/16"-16	<b>FS2603-6</b>	6000	7.85
13/16"-16	13/16"-16	13/16"-16	<b>FS2603-8</b>	6000	8.05
1"-14	1"-14	1"-14	<b>FS2603-10</b>	6000	13.20
1-3/16"-12	1-3/16"-12	1-3/16"-12	<b>FS2603-12</b>	6000	17.00
1-7/16"-12	1-7/16"-12	1-7/16"-12	<b>FS2603-16</b>	6000	26.60

### male flat face x female flat face swivel x male flat face run tees

**Feature:**

- reference SAE 520432



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	<b>FS6602-4</b>	4500	<b>\$7.85</b>
11/16"-16	11/16"-16	11/16"-16	<b>FS6602-6</b>	4000	10.35
13/16"-16	13/16"-16	13/16"-16	<b>FS6602-8</b>	4000	11.20
1"-14	1"-14	1"-14	<b>FS6602-10</b>	3000	18.05
1-3/16"-12	1-3/16"-12	1-3/16"-12	<b>FS6602-12</b>	3000	23.35
1-7/16"-12	1-7/16"-12	1-7/16"-12	<b>FS6602-16</b>	2500	34.55

### flat face caps

**Feature:**

- reference SAE 520112



Female Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	<b>FS304C-4</b>	6000	<b>\$1.95</b>
11/16"-16	<b>FS304C-6</b>	6000	2.40
13/16"-16	<b>FS304C-8</b>	6000	2.65
1"-14	<b>FS304C-10</b>	6000	3.65
1-3/16"-12	<b>FS304C-12</b>	6000	5.25
1-7/16"-12	<b>FS304C-16</b>	6000	7.20

### flat face plugs

**Feature:**

- reference SAE 520109



Male Flat Face	Zinc Plated Steel		
	Part #	PSI	Price/E
9/16"-18	<b>FS2408-4</b>	6000	<b>\$1.65</b>
11/16"-16	<b>FS2408-6</b>	6000	1.75
13/16"-16	<b>FS2408-8</b>	6000	2.20
1"-14	<b>FS2408-10</b>	6000	3.05
1-3/16"-12	<b>FS2408-12</b>	6000	4.50
1-7/16"-12	<b>FS2408-16</b>	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 JIC thread x male SAE O-ring Boss thread

## Feature:

- reference SAE 070120

Male JIC	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 JIC thread

**Feature:**

- reference SAE 070220



Male SAE O-ring Boss	Male JIC	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

**Feature:**

- reference SAE 140257



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 JIC thread

## Feature:

- reference SAE 070320

Male SAE O-ring Boss	Male JIC	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

## Feature:

- reference SAE 070429

(2) Male JIC 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

## Feature:

- reference SAE 090109A

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 090109B
- 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



## JIC Fittings

male JIC thread x male JIC thread

## Feature:

- reference SAE 070101



Male JIC	Male JIC	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

## Feature:

- reference SAE 070102



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

## Feature:

- reference SAE 070103



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	---	---

## JIC Fittings

## 37° JIC swivel x male NPTF

Female JIC 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 JIC 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 JIC thread x male JIC thread

## Feature:

- reference SAE 070201

Male JIC	Male JIC	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



# JIC Fittings

## 90° male 37° flare x male NPTF

**Feature:**

- reference SAE 070202



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 JIC 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

**Feature:**

- reference SAE 070321



Male JIC 37°	Female JIC 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

## JIC Fittings

## 45° male 37° flare x male NPTF

## Feature:

- reference SAE 070302

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

## Feature:

- reference SAE 070433

JIC 37° Male (2)	Female JIC 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

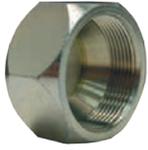


## JIC Fittings

## 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

## Feature:

- reference SAE 070110



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

## Feature:

- reference SAE 070109



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

## Feature:

- reference SAE 070115



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

## 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	<b>2701LN-4</b>	5000	<b>\$4.50</b>
9/16"-18	<b>2701LN-6</b>	5000	<b>5.35</b>
3/4"-16	<b>2701LN-8</b>	4500	<b>8.80</b>
7/8"-14	<b>2701LN-10</b>	3500	<b>12.45</b>
1-1/16"-12	<b>2701LN-12</b>	3500	<b>13.85</b>
1-5/16"-12	<b>2701LN-16</b>	3000	<b>19.65</b>



## bulkhead lock nuts

## Feature:

- reference SAE 070118

Female JIC Bulkhead	Tube OD	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"	<b>0306-4</b>	5000	<b>\$0.55</b>
9/16"-18	3/8"	<b>0306-6</b>	5000	<b>0.60</b>
3/4"-16	1/2"	<b>0306-8</b>	4500	<b>0.85</b>
7/8"-14	5/8"	<b>0306-10</b>	3500	<b>0.95</b>
1-1/16"-12	3/4"	<b>0306-12</b>	3500	<b>1.45</b>
1-5/16"-12	1"	<b>0306-16</b>	3000	<b>2.05</b>



## 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

**Feature:**

- reference SAE 140140



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

## NPTF Fittings

**Features:**

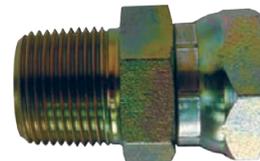
- compact design provides ease of assembly in confining areas
- designed to prevent hose stress due to twisting during assembly
- female NPSM swivel seals on a 30° seat
- male NPTF must have a 30° chamfer to seal

### male NPTF x female NPSM swivel nut

**Feature:**

- reference SAE 140130

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

**Feature:**

- reference SAE 140131

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	3/8"-18	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

**Feature:**

- reference SAE 140237

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

## Feature:

- reference SAE 140230



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

## Feature:

- reference SAE 140237



Female NPTF	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/8"-27	1/8"-27	5504-2	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

## Feature:

- reference SAE 140251



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

## Feature:

- reference SAE 140330



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

## Feature:

- reference SAE 140437

Male NPTF (3)	Zinc Plated Steel		
	Part #	PSI	Price/E
1/4"-18	<b>5600-4</b>	5000	\$5.90
3/8"-18	<b>5600-6</b>	4000	10.45
1/2"-14	<b>5600-8</b>	3000	12.95
3/4"-14	<b>5600-12</b>	2500	16.20
1"-11 1/2	<b>5600-16</b>	2000	23.50



## pipe tees

## Feature:

- reference SAE 140427

Male NPTF (2)	Female NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	<b>5601-4</b>	5000	\$8.30
3/8"-18	3/8"-18	<b>5601-6</b>	4000	10.20
1/2"-14	1/2"-14	<b>5601-8</b>	3000	12.70
3/4"-14	3/4"-14	<b>5601-12</b>	2500	20.55
1"-11 1/2	1"-11 1/2	<b>5601-16</b>	2000	32.05



## branch tees

## Feature:

- reference SAE 140425

Female NPTF (2)	Male NPTF	Zinc Plated Steel		
		Part #	PSI	Price/E
1/4"-18	1/4"-18	<b>5604-4</b>	5000	\$7.00
3/8"-18	3/8"-18	<b>5604-6</b>	4000	9.95
1/2"-14	1/2"-14	<b>5604-8</b>	3000	13.55
3/4"-14	3/4"-14	<b>5604-12</b>	2500	18.60
1"-11 1/2	1"-11 1/2	<b>5604-16</b>	2000	29.95



## female NPTF pipe tees

## Feature:

- reference 140438

Female NPTF (3)	Zinc Plated Steel		
	Part #	PSI	Price/E
1/4"-18	<b>5605-4</b>	5000	\$8.45
3/8"-18	<b>5605-6</b>	4000	10.35
1/2"-14	<b>5605-8</b>	3000	11.60
3/4"-14	<b>5605-12</b>	2500	17.30
1"-11 1/2	<b>5605-16</b>	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	<b>5602-2</b>	5000	\$4.60
1/4"-18	1/4"-18	<b>5602-4</b>	5000	5.70
3/8"-18	3/8"-18	<b>5602-6</b>	4000	10.35
1/2"-14	1/2"-14	<b>5602-8</b>	3000	13.50
3/4"-14	3/4"-14	<b>5602-12</b>	2500	16.95
1"-11 1/2	1"-11 1/2	<b>5602-16</b>	2000	30.25
1-1/4"-11 1/2	1-1/4"-11 1/2	<b>5602-20</b>	1150	44.85
1-1/2"-11 1/2	1-1/2"-11 1/2	<b>5602-24</b>	1000	279.95



## NPTF Fittings

## female NPTF hex caps



Female NPTF	Zinc Plated Steel		
	Part #	PSI	Price/E
1/8"-27	<b>5406C-2</b>	5000	\$1.45
1/4"-18	<b>5406C-4</b>	5000	1.85
3/8"-18	<b>5406C-6</b>	4000	2.65
1/2"-14	<b>5406C-8</b>	3000	4.20
3/4"-14	<b>5406C-12</b>	2500	6.35
1"-11½	<b>5406C-16</b>	2000	9.65
1¼"-11½	<b>5406C-20</b>	1150	49.15
1½"-11½	<b>5406C-24</b>	1000	66.60

## male NPT hex plug

## Feature:

- reference SAE 130109C



Male NPT	Zinc Plated Steel		
	Part #	PSI	Price/E
1/8"-27	<b>1251-02H</b>	5000	\$0.50
1/4"-18	<b>1251-04H</b>	5000	0.85
3/8"-18	<b>1251-06H</b>	4000	1.50
1/2"-14	<b>1251-08H</b>	3000	2.45
3/4"-14	<b>1251-12H</b>	2500	3.80
1"-11½	<b>1251-16H</b>	2000	7.05
1¼"-11½	<b>1251-20H</b>	1150	8.30

## Metric Fittings

## male 37° flare x male metric parallel thread



Male JIC 37°	Male Metric Parallel	Zinc Plated Steel	
		Part #	Price/E
7/16"-20	M10X1.0	<b>M7400-4-10</b>	\$3.50
7/16"-20	M12X1.5	<b>M7400-4-12</b>	3.65
9/16"-18	M14X1.5	<b>M7400-6-14</b>	3.85
9/16"-18	M16X1.5	<b>M7400-6-16</b>	4.30
3/4"-16	M16X1.5	<b>M7400-8-16</b>	4.45
3/4"-16	M18X1.5	<b>M7400-8-18</b>	5.65
1-1/16"-12	M22X1.5	<b>M7400-12-22</b>	6.45
1-1/16"-12	M27X2.0	<b>M7400-12-27</b>	7.85
1-5/16"-12	M33X2.0	<b>M7400-16-33</b>	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	<b>M7455-4-12</b>	\$3.85
1/4"-18	M14X1.5	<b>M7455-4-14</b>	4.00
3/8"-18	M16X1.5	<b>M7455-6-16</b>	4.30
3/8"-18	M18X1.5	<b>M7455-6-18</b>	5.65
1/2"-14	M16X1.5	<b>M7455-8-16</b>	7.15
1/2"-14	M18X1.5	<b>M7455-8-18</b>	7.15
1/2"-14	M22X1.5	<b>M7455-8-22</b>	7.50
3/4"-14	M27X2.0	<b>M7455-12-27</b>	11.25
1"-11½	M33X2.0	<b>M7455-16-33</b>	12.50

## BSPF Fittings

### male 37° flare x male BSPP

Male JIC 37°	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-19	<b>B3800-4-4</b>	5000	\$3.30
9/16"-18	3/8"-19	<b>B3800-6-6</b>	4000	3.60
3/4"-16	1/2"-14	<b>B3800-8-8</b>	3000	4.90
1-1/16"-12	3/4"-14	<b>B3800-12-12</b>	2500	9.05
1-5/16"-12	1"-11	<b>B3800-16-16</b>	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	<b>B3401-4-4</b>	5000	\$3.30
3/8"-18	3/8"-19	<b>B3401-6-6</b>	4000	3.70
1/2"-14	1/2"-14	<b>B3401-8-8</b>	3000	4.60
3/4"-14	3/4"-14	<b>B3401-12-12</b>	2500	7.80
1"-11 1/2	1"-11	<b>B3401-16-16</b>	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	<b>B3455-4-4</b>	5000	\$3.85
3/8"-18	3/8"-19	<b>B3455-6-6</b>	4000	4.30
1/2"-14	1/2"-14	<b>B3455-8-8</b>	3000	7.15
3/4"-14	3/4"-14	<b>B3455-12-12</b>	2500	10.60
1"-11 1/2	1"-11	<b>B3455-16-16</b>	2000	13.30



### male 37° flare x male BSPP 90° Elbow

Male JIC 37°	Male BSPP	Zinc Plated Steel		
		Part #	PSI	Price/E
7/16"-20	1/4"-19	<b>B3801-4-4</b>	5000	\$6.80
9/16"-18	3/8"-19	<b>B3801-6-6</b>	4000	8.15
3/4"-16	1/2"-14	<b>B3801-8-8</b>	3000	11.80
1-1/16"-12	3/4"-14	<b>B3801-12-12</b>	2500	19.40
1-5/16"-12	1"-11	<b>B3801-16-16</b>	2000	32.50



### bonded doughy seal for British Thread

Size	Plated Carbon Steel with Buna O-ring	
	Part #	Price/E
1/4"	<b>BDS04</b>	\$1.25
3/8"	<b>BDS06</b>	1.50
1/2"	<b>BDS08</b>	1.80
3/4"	<b>BDS12</b>	2.30
1"	<b>BDS16</b>	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"	<b>FLC2404-02</b>	<b>\$7.85</b>
1/8"	1/4"	<b>FLC2404-02-04</b>	<b>7.75</b>
3/16"	1/8"	<b>FLC2404-03-02</b>	<b>8.40</b>
1/4"	1/8"	<b>FLC2404-04-02</b>	<b>5.75</b>
1/4"	1/4"	<b>FLC2404-04</b>	<b>7.45</b>
1/4"	3/8"	<b>FLC2404-04-06</b>	<b>8.75</b>
1/4"	1/2"	<b>FLC2404-04-08</b>	<b>10.10</b>
5/16"	1/8"	<b>FLC2404-05-02</b>	<b>9.25</b>
5/16"	1/4"	<b>FLC2404-05-04</b>	<b>10.65</b>
3/8"	1/8"	<b>FLC2404-06-02</b>	<b>12.10</b>
3/8"	1/4"	<b>FLC2404-06-04</b>	<b>7.70</b>
3/8"	3/8"	<b>FLC2404-06</b>	<b>9.60</b>
3/8"	1/2"	<b>FLC2404-06-08</b>	<b>9.50</b>
1/2"	1/4"	<b>FLC2404-08-04</b>	<b>11.30</b>
1/2"	3/8"	<b>FLC2404-08-06</b>	<b>10.80</b>
1/2"	1/2"	<b>FLC2404-08</b>	<b>9.45</b>
1/2"	3/4"	<b>FLC2404-08-12</b>	<b>17.10</b>
5/8"	3/8"	<b>FLC2404-10-06</b>	<b>12.85</b>
5/8"	1/2"	<b>FLC2404-10-08</b>	<b>12.50</b>
5/8"	3/4"	<b>FLC2404-10-12</b>	<b>33.50</b>
3/4"	1/2"	<b>FLC2404-12-08</b>	<b>19.50</b>
3/4"	3/4"	<b>FLC2404-12</b>	<b>18.25</b>
3/4"	1"	<b>FLC2404-12-16</b>	<b>34.45</b>
1"	3/4"	<b>FLC2404-16-12</b>	<b>32.75</b>
1"	1"	<b>FLC2404-16</b>	<b>29.95</b>
1"	1 1/4"	<b>FLC2404-16-20</b>	<b>45.80</b>
1-1/4"	3/4"	<b>FLC2404-20-12</b>	<b>169.65</b>
1-1/4"	1 1/4"	<b>FLC2404-20</b>	<b>65.00</b>
1-1/2"	1 1/2"	<b>FLC2404-24</b>	<b>72.95</b>



### Male Tube x Male 37° JIC

Tube OD	Male 37° JIC	Steel	
		Part #	Price/E
1/4"	1/4"	<b>FLC2402-04-04</b>	<b>\$21.10</b>
3/8"	3/8"	<b>FLC2402-06-06</b>	<b>24.10</b>
1/2"	1/2"	<b>FLC2402-08-08</b>	<b>36.55</b>
3/4"	3/4"	<b>FLC2402-12-12</b>	<b>68.20</b>



## 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



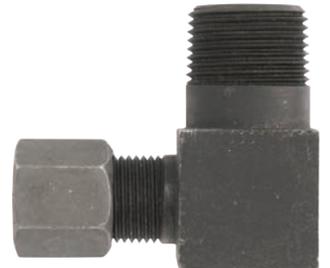
## Tube Unions

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 160

Female NPTF	Part #	Price/E
	<i>Black Oxide Steel</i>	
1/8"	<b>SFC200</b>	<b>\$78.85</b>
1/4"	<b>SFC400</b>	<b>82.00</b>
3/8"	<b>SFC600</b>	<b>103.00</b>
1/2"	<b>SFC800</b>	<b>138.75</b>
3/4"	<b>SFC1200</b>	<b>197.60</b>
1"	<b>SFC1600</b>	<b>599.10</b>
1 1/2"	<b>SFC2400</b>	<b>2091.50</b>
2"	<b>SFC3200</b>	<b>4151.45</b>



## 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 160

Female NPTF	Part #	Price/E
	<i>Zinc Plated Steel with a dichromate seal</i>	
1/4"	<b>SPF400</b>	<b>\$64.40</b>
3/8"	<b>SPF600</b>	<b>85.15</b>
1/2"	<b>SPF800</b>	<b>107.55</b>



## 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 160

Female NPTF	Part #	Price/E
	<i>Steel</i>	
1/8"	<b>SN200</b>	<b>\$86.05</b>
1/4"	<b>SN400</b>	<b>85.15</b>
3/8"	<b>SN600</b>	<b>104.05</b>
1/2"	<b>SN800</b>	<b>133.50</b>
3/4"	<b>SN1200</b>	<b>187.90</b>
1"	<b>SN1600</b>	<b>1001.60</b>
1 1/4"	<b>SN2000</b>	<b>1387.35</b>

**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	Part #	Price/E
	<i>Steel</i>	
1/4"	<b>SMV400</b>	<b>\$90.40</b>
3/8"	<b>SMV600</b>	<b>178.70</b>
1/2"	<b>SMV800</b>	<b>224.95</b>



## 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 160

Female NPTF	Free Flow GPM	Part #	Price/E
		<i>Steel</i>	
1/8"	3	<b>SCV200</b>	<b>\$63.10</b>
1/4"	5	<b>SCV400</b>	<b>63.60</b>
3/8"	8	<b>SCV600</b>	<b>75.45</b>
1/2"	15	<b>SCV800</b>	<b>84.65</b>



## High Pressure Full-Bore Ball Valves

### Features:

- blow-out proof stem
- rugged construction
- FKM/FPM seals
- POM (Polyacetal) ball 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
¼"	7350	<b>HPBV25</b>	<b>\$63.90</b>	<b>HPBV25SAE</b>	<b>\$71.65</b>	5880	<b>HPBV25SS</b>	<b>\$427.50</b>
⅜"	7350	<b>HPBV38</b>	<b>67.80</b>	<b>HPBV38SAE</b>	<b>80.70</b>	5880	<b>HPBV38SS</b>	<b>497.50</b>
½"	7350	<b>HPBV12</b>	<b>73.70</b>	<b>HPBV12SAE</b>	<b>87.10</b>	5880	<b>HPBV12SS</b>	<b>595.00</b>
¾"	6000	<b>HPBV34</b>	<b>145.05</b>	<b>HPBV34SAE</b>	<b>162.20</b>	5145	<b>HPBV34SS</b>	<b>1027.90</b>
1"	6000	<b>HPBV10</b>	<b>173.10</b>	<b>HPBV10SAE</b>	<b>190.00</b>	5145	<b>HPBV10SS</b>	<b>1212.80</b>
1¼"	6000	<b>HPBV125</b>	<b>452.90</b>	<b>HPBV125SAE</b>	<b>490.20</b>	---	---	---
1½"	6000	<b>HPBV150</b>	<b>548.90</b>	<b>HPBV150SAE</b>	<b>583.00</b>	---	---	---
2"	6000	<b>HPBV200</b>	<b>831.00</b>	<b>HPBV200SAE</b>	<b>870.00</b>	---	---	---



## High Pressure Full-Bore 3-Way Ball Valves

### Features:

- temperature range: **-20°F to 215° F**
- rugged construction
- FKM seals
- POM (polyacetal) ball seats
- black oxide coating
- nickel plated ball



### female NPT x female NPT x female NPT

Size	PSI	Carbon Steel	
		NPTF Part #	Price/E
½"	5145	<b>HPBV12-3WAY</b>	<b>\$163.00</b>
¾"	5145	<b>HPBV34-3WAY</b>	<b>204.00</b>
1"	5145	<b>HPBV10-3WAY</b>	<b>218.00</b>



## In-Line Hydraulic Filter

### Features:

- provides protection for small, high pressure systems
- installs at the pressure side of a pump
- conically shaped bronze element positioned by a retaining spring to allow true, uninterrupted flow
- standard 25 micron bronze element can be easily cleaned or replaced
- temperature range: **35°F to 200°F**
- maximum operating pressure: **3000 PSI**



Female SAE	Overall Length	Diameter	Anodized Aluminum	
			Part #	Price/E
9/16" - 16	¾"	1½"	<b>9152</b>	<b>\$58.00</b>
¾" - 16	¾"	1½"	<b>9153</b>	<b>58.00</b>

## 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<sup>-4</sup> 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, hex body
- all stems are 316 stainless steel

**Male to Female**

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/8" - 27	knurled knob	<b>6000</b>	brass	<b>MFB101</b>	<b>\$63.00</b>
1/4" - 18	knurled knob	<b>6000</b>	brass	<b>MFB102</b>	<b>63.00</b>
1/8" - 27	T design	<b>10000</b>	zinc nickel plated steel	<b>MFC101</b>	<b>48.50</b>
1/4" - 18	T design	<b>10000</b>	zinc nickel plated steel	<b>MFC102</b>	<b>48.50</b>
1/2" - 14	T design	<b>10000</b>	zinc nickel plated steel	<b>MFC404</b>	<b>65.75</b>
1/8" - 27	T design	<b>10000</b>	316 stainless steel	<b>MFS101</b>	<b>111.00</b>
1/4" - 18	T design	<b>10000</b>	316 stainless steel	<b>MFS102</b>	<b>111.00</b>
1/2" - 14	T design	<b>10000</b>	316 stainless steel	<b>MFS404</b>	<b>173.00</b>



**Female to Female**

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/8" - 27	knurled knob	<b>6000</b>	brass	<b>FFB101</b>	<b>\$63.00</b>
1/4" - 18	knurled knob	<b>6000</b>	brass	<b>FFB102</b>	<b>63.00</b>
1/8" - 27	T design	<b>10000</b>	zinc nickel plated steel	<b>FFC101</b>	<b>48.50</b>
1/4" - 18	T design	<b>10000</b>	zinc nickel plated steel	<b>FFC102</b>	<b>46.75</b>
1/2" - 14	T design	<b>10000</b>	zinc nickel plated steel	<b>FFC404</b>	<b>65.75</b>
1/8" - 27	T design	<b>10000</b>	316 stainless steel	<b>FFS101</b>	<b>111.00</b>
1/4" - 18	T design	<b>10000</b>	316 stainless steel	<b>FFS102</b>	<b>111.00</b>
1/2" - 14	T design	<b>10000</b>	316 stainless steel	<b>FFS404</b>	<b>163.00</b>



## Multiport Needle Valves

**Features:**

- reduces the number of gauge and other instrument connections to permanent piping installations, decreasing possible leak paths
- 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<sup>-4</sup> ml/s at 200 PSI
- 1/2" female NPT port
- orifice size is 0.187", flow coefficient: 0.44
- all stems are 316 stainless steel



**Hard Seat Male to Female**

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/2" - 14	T design	<b>10000</b>	zinc nickel plated steel	<b>MFC204</b>	<b>\$195.00</b>
3/4" - 14	T design	<b>10000</b>	zinc nickel plated steel	<b>MFC20604</b>	<b>195.00</b>
1/2" - 14	T design	<b>10000</b>	316 stainless steel	<b>MFS204</b>	<b>396.00</b>
3/4" - 14	T design	<b>10000</b>	316 stainless steel	<b>MFS20604</b>	<b>396.00</b>



**Soft Seat Male to Female**

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/2" - 14	T design	<b>6000</b>	zinc nickel plated steel	<b>MFC304</b>	<b>\$396.00</b>
3/4" - 14	T design	<b>6000</b>	zinc nickel plated steel	<b>MFC30604</b>	<b>396.00</b>
1/2" - 14	T design	<b>6000</b>	316 stainless steel	<b>MFS304</b>	<b>396.00</b>
3/4" - 14	T design	<b>6000</b>	316 stainless steel	<b>MFS30604</b>	<b>396.00</b>



**NEW**

## Block and Bleed Needle Valves

### Features:

- allows pressure to be bled off without disturbing the permanent piping installation allowing quick and easy removal or replacement of instruments
- 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  $1 \times 10^{-4}$  ml/s at 200 PSI
- orifice size is 0.187", flow coefficient: 0.44
- all stems are 316 stainless steel
- 0.090" bleed hole located on bottom is controlled by a 1/4"-20 UNF-2A bleed screw



### Hard Seat Male to Female

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/4" - 18	T design	10000	<i>zinc nickel plated steel</i>	<b>MFC602</b>	<b>\$122.00</b>
1/2" - 14	T design	10000	<i>zinc nickel plated steel</i>	<b>MFC604</b>	<b>132.00</b>
1/4" - 18	T design	10000	<i>316 stainless steel</i>	<b>MFS602</b>	<b>274.00</b>
1/2" - 14	T design	10000	<i>316 stainless steel</i>	<b>MFS604</b>	<b>300.00</b>



### Soft Seat Male to Female

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/4" - 18	T design	6000	<i>zinc nickel plated steel</i>	<b>MFC702</b>	<b>\$125.00</b>
1/2" - 14	T design	6000	<i>zinc nickel plated steel</i>	<b>MFC704</b>	<b>134.00</b>
1/4" - 18	T design	6000	<i>316 stainless steel</i>	<b>MFS702</b>	<b>276.00</b>
1/2" - 14	T design	6000	<i>316 stainless steel</i>	<b>MFS704</b>	<b>301.00</b>

**NEW**

## Bleed Needle Valves

### Features:

- provides a convenient means to relieve process pressures trapped between a shut-off valve and the instrument
- 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  $1 \times 10^{-4}$  ml/s at 200 PSI
- non-rotating soft tip stem and a backup metal-to-metal seal
- all stems are 316 stainless steel
- 0.159" bleed port



### Hard Seat Male

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/4" - 18	T design	6000	<i>brass</i>	<b>MB802</b>	<b>\$128.00</b>
1/2" - 14	T design	6000	<i>brass</i>	<b>MB804</b>	<b>138.00</b>
1/4" - 18	T design	10000	<i>zinc nickel plated steel</i>	<b>MC802</b>	<b>101.00</b>
1/2" - 14	T design	10000	<i>zinc nickel plated steel</i>	<b>MC804</b>	<b>115.00</b>
1/4" - 18	T design	10000	<i>316 stainless steel</i>	<b>MS802</b>	<b>128.00</b>
1/2" - 14	T design	10000	<i>316 stainless steel</i>	<b>MS804</b>	<b>136.00</b>



### Soft Tip Male

NPT Size	Handle Style	PSI at 200°F	Material	Part #	Price/E
1/4" - 27	T design	6000	<i>brass</i>	<b>MB852</b>	<b>\$128.00</b>
1/2" - 18	T design	6000	<i>brass</i>	<b>MB854</b>	<b>138.00</b>
1/4" - 18	T design	6000	<i>zinc nickel plated steel</i>	<b>MC852</b>	<b>101.00</b>
1/2" - 14	T design	6000	<i>zinc nickel plated steel</i>	<b>MC854</b>	<b>115.00</b>
1/4" - 18	T design	6000	<i>316 stainless steel</i>	<b>MS852</b>	<b>128.00</b>
1/2" - 14	T design	6000	<i>316 stainless steel</i>	<b>MS854</b>	<b>136.00</b>

## 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"	<b>\$5.50</b>
<i>HST04P</i>	1/4" pipe	1.89"	1.18"	1.54"	<b>6.55</b>
<i>HST04T</i>	1/4" tube	1.65"	1.18"	1.30"	<b>5.50</b>
<i>HST05T</i>	5/16" tube	1.65"	1.18"	1.30"	<b>5.50</b>
<i>HST06P</i>	3/8" pipe	1.89"	1.18"	1.54"	<b>6.55</b>
<i>HST06T</i>	3/8" tube	1.65"	1.18"	1.30"	<b>5.50</b>
<i>HST08P</i>	1/2" pipe	2.17"	1.18"	1.61"	<b>7.30</b>
<i>HST08T</i>	1/2" tube	1.89"	1.18"	1.54"	<b>6.55</b>
<i>HST10T</i>	5/8" tube	1.89"	1.18"	1.54"	<b>6.55</b>
<i>HST12P</i>	3/4" pipe	2.44"	1.18"	1.89"	<b>7.30</b>
<i>HST12T</i>	3/4" tube	2.17"	1.18"	1.61"	<b>6.95</b>
<i>HST14T</i>	7/8" tube	2.17"	1.18"	1.61"	<b>6.95</b>
<i>HST16P</i>	1" pipe	2.91"	1.18"	2.52"	<b>8.65</b>
<i>HST16T</i>	1" tube	2.17"	1.18"	1.61"	<b>6.95</b>
<i>HST20P</i>	1-1/4" pipe	2.91"	1.18"	2.52"	<b>8.65</b>
<i>HST20T</i>	1-1/4" tube	2.91"	1.18"	2.52"	<b>8.65</b>
<i>HST24P</i>	1-1/2" pipe	3.46"	1.18"	2.83"	<b>12.00</b>
<i>HST24T</i>	1-1/2" tube	2.91"	1.18"	2.52"	<b>8.70</b>
<i>HST32T</i>	2" tube	3.46"	1.18"	2.83"	<b>12.00</b>



### twin series clamps

Part #	Size	Length	Width	Height	Price/E
<i>HTW02P</i>	1/8" pipe	1.46"	1.18"	1.36"	<b>\$6.70</b>
<i>HTW04P</i>	1/4" pipe	1.46"	1.18"	1.36"	<b>7.05</b>
<i>HTW04T</i>	1/4" tube	1.46"	1.18"	1.36"	<b>6.70</b>
<i>HTW05T</i>	5/16" tube	1.46"	1.18"	1.36"	<b>6.70</b>
<i>HTW06P</i>	3/8" pipe	2.17"	1.18"	1.42"	<b>7.05</b>
<i>HTW06T</i>	3/8" tube	1.46"	1.18"	1.36"	<b>6.70</b>
<i>HTW08P</i>	1/2" pipe	2.76"	1.18"	1.85"	<b>7.25</b>
<i>HTW08T</i>	1/2" tube	2.17"	1.18"	1.42"	<b>7.05</b>
<i>HTW10T</i>	5/8" tube	2.17"	1.18"	1.42"	<b>7.05</b>
<i>HTW12P</i>	3/4" pipe	3.35"	1.18"	2.05"	<b>8.65</b>
<i>HTW12T</i>	3/4" tube	2.76"	1.18"	1.85"	<b>7.25</b>
<i>HTW14T</i>	7/8" tube	2.76"	1.18"	1.85"	<b>7.25</b>
<i>HTW16P</i>	1" pipe	4.33"	1.18"	2.52"	<b>11.00</b>
<i>HTW16T</i>	1" tube	2.76"	1.18"	1.85"	<b>7.25</b>
<i>HTW20P</i>	1-1/4" pipe	4.33"	1.18"	2.52"	<b>11.00</b>
<i>HTW20T</i>	1-1/4" tube	4.33"	1.18"	2.52"	<b>11.00</b>
<i>HTW24T</i>	1-1/2" tube	4.33"	1.18"	2.52"	<b>11.00</b>



### heavy duty series clamps

Part #	Size	Length	Width	Height	Price/E
<i>HHD02P</i>	1/8" pipe	2.87"	1.18"	1.89"	<b>\$14.25</b>
<i>HHD04P</i>	1/4" pipe	2.87"	1.18"	1.89"	<b>14.25</b>
<i>HHD04T</i>	1/4" tube	2.87"	1.18"	1.89"	<b>14.25</b>
<i>HHD05T</i>	5/16" tube	2.87"	1.18"	1.89"	<b>14.25</b>
<i>HHD06P</i>	3/8" pipe	2.87"	1.18"	1.89"	<b>14.25</b>
<i>HHD06T</i>	3/8" tube	2.87"	1.18"	1.89"	<b>14.25</b>
<i>HHD08P</i>	1/2" pipe	3.35"	1.18"	2.52"	<b>16.25</b>
<i>HHD08T</i>	1/2" tube	2.87"	1.18"	1.89"	<b>14.25</b>
<i>HHD10T</i>	5/8" tube	2.87"	1.18"	1.89"	<b>14.25</b>
<i>HHD12P</i>	3/4" pipe	3.35"	1.18"	2.52"	<b>16.25</b>
<i>HHD12T</i>	3/4" tube	3.35"	1.18"	2.52"	<b>16.25</b>
<i>HHD14T</i>	7/8" tube	3.35"	1.18"	2.52"	<b>16.25</b>
<i>HHD16P</i>	1" pipe	3.94"	1.18"	2.99"	<b>17.30</b>
<i>HHD16T</i>	1" tube	3.35"	1.18"	2.52"	<b>16.25</b>
<i>HHD20P</i>	1-1/4" pipe	5.51"	1.77"	4.33"	<b>45.00</b>
<i>HHD20T</i>	1-1/4" tube	3.94"	1.18"	2.99"	<b>17.30</b>
<i>HHD24P</i>	1-1/2" pipe	5.51"	1.77"	4.33"	<b>45.00</b>
<i>HHD24T</i>	1-1/2" tube	3.94"	1.18"	2.99"	<b>17.30</b>
<i>HHD32P</i>	2" pipe	5.51"	1.77"	4.33"	<b>45.00</b>
<i>HHD32T</i>	2" tube	5.51"	1.77"	4.33"	<b>45.00</b>



## 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.

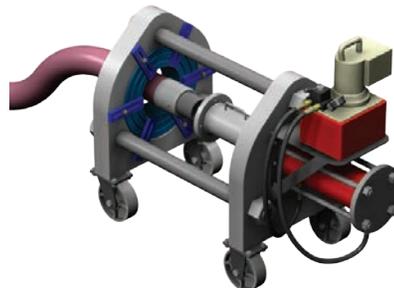
### 15 Ton Ram



#### 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

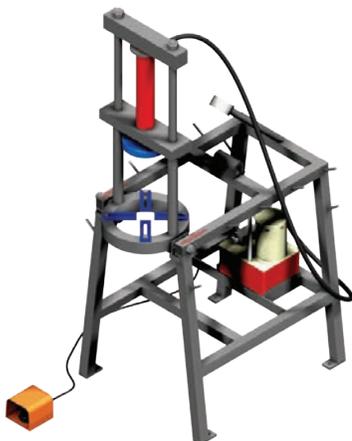
### 100 Ton Ram



#### 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: 1½ 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

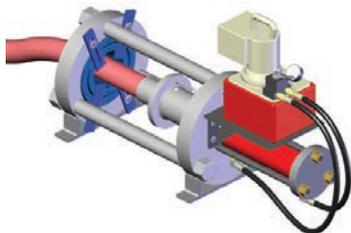
### 350 Ton Ram



#### 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: 12½ 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 1½ 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



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 818-823 or contact Dixon™ for material compatibility. For applications other than the ones listed, please consult Dixon™.

Size	Externally Swaged					Internally Expanded			
	Standard Fittings <sup>1</sup>	Long Style Fittings <sup>1</sup>	Light Duty Fittings		Holedall™ II Fittings <sup>1</sup>	Cam and Groove <sup>1</sup>	Holedall™ DIN Crimp Stems <sup>1</sup>	Internally Expanded <sup>1</sup>	Flow Chief / Crimp Sanitary Fittings <sup>1</sup>
			NO Notched Fittings <sup>1</sup>	NOS Notched Short Fittings <sup>1</sup>					
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	---	---	---	---	---	---	---

<sup>1</sup> 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.

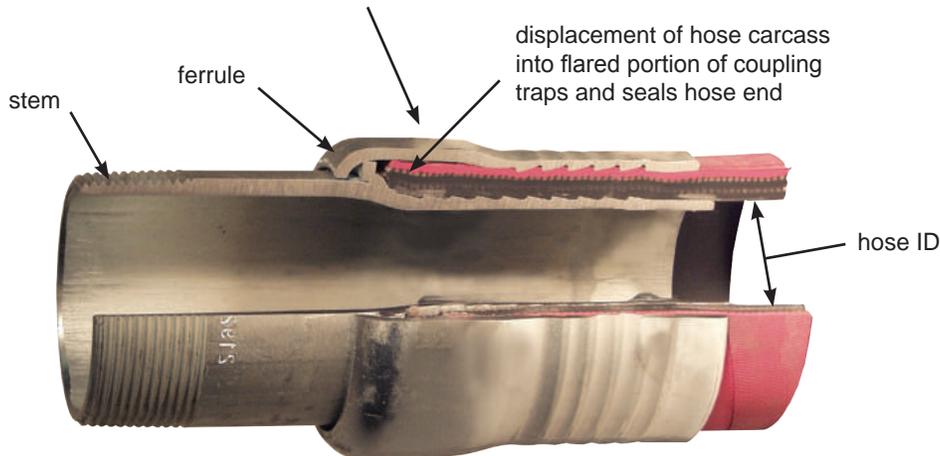
The Holedall™ coupling:

- provides long-lasting efficiency and safety
- lightweight coupling consisting of ferrule and stem
- streamlined, no protrusions to snag on equipment
- 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.



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"	<b>TM20</b>	\$48.20	<b>TMR20</b>	\$75.20	<b>TML20</b>	\$58.00
1½"	<b>TM24</b>	55.00	<b>TMR24</b>	73.85	<b>TML24</b>	65.90
2"	<b>TM32</b>	40.80	<b>TMR32</b>	83.40	<b>TML32</b>	57.10
2½"	<b>TM40</b>	74.90	<b>TMR40</b>	201.00	<b>TML40</b>	83.00
3"	<b>TM48</b>	70.00	<b>TMR48</b>	182.00	<b>TML48</b>	94.75
4"	<b>TM64</b>	87.50	<b>TMR64</b>	288.20	<b>TML64</b>	140.00
5"	<b>TM80</b>	241.00	---	---	<b>TML80</b>	400.00
6"	<b>TM96</b>	220.00	<b>TMR96</b>	705.00	<b>TML96</b>	341.00
8"	<b>TM128</b>	258.50	---	---	<b>TML128</b>	371.00
10"	<b>TM160</b>	557.75	---	---	<b>TML160</b>	680.00



investment cast design

Hose ID	316 Stainless Steel	
	Part #	Price/E
1½"	<b>TMR24C</b> <sup>1</sup>	\$47.25
2"	<b>TMR32C</b> <sup>1</sup>	55.00
3"	<b>TMR48C</b> <sup>1</sup>	111.30

<sup>1</sup> 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"	<b>TP20</b>	\$48.20	---	---	<b>TPL20</b>	\$62.00
1½"	<b>TP24</b>	55.00	---	---	<b>TPL24</b>	67.20
2"	<b>TP32</b>	40.80	<b>TPR32</b>	\$113.00	<b>TPL32</b>	57.10
2½"	<b>TP40</b>	74.90	---	---	<b>TPL40</b>	94.75
3"	<b>TP48</b>	70.00	<b>TPR48</b>	210.00	<b>TPL48</b>	94.75
4"	<b>TP64</b>	87.50	<b>TPR64</b>	320.00	<b>TPL64</b>	140.00
5"	<b>TP80</b>	241.00	---	---	<b>TPL80</b>	341.00
6"	<b>TP96</b>	220.00	---	---	<b>TPL96</b>	341.00
8"	<b>TP128</b>	258.50	---	---	<b>TPL128</b>	371.00
10"	<b>TP160</b>	580.00	---	---	<b>TPL160</b>	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"	<b>TG20</b>	\$48.20	---	---	<b>TGL20</b>	POR
1½"	<b>TG24</b>	55.00	<b>TGR24</b>	\$72.40	<b>TGL24</b>	POR
2"	<b>TG32</b>	53.80	<b>TGR32</b>	83.40	<b>TGL32</b>	POR
2½"	<b>TG40</b>	85.00	<b>TGR40</b>	201.00	<b>TGL40</b>	POR
3"	<b>TG48</b>	81.10	<b>TGR48</b>	182.00	<b>TGL48</b>	POR
4"	<b>TG64</b>	93.00	<b>TGR64</b>	302.60	<b>TGL64</b>	POR
5"	<b>TG80</b>	241.00	---	---	<b>TGL80</b>	POR
6"	<b>TG96</b>	220.00	---	---	<b>TGL96</b>	POR
8"	<b>TG128</b>	258.50	---	---	<b>TGL128</b>	POR
10"	<b>TG160</b>	580.00	---	---	<b>TGL160</b>	POR

**M**

### Female End

tubular type

Hose ID	Hose OD		Plated Carbon Steel	
	from	to	Part #	Price/E
1"	1-30/64"	1-34/64"	<b>TF16WF1-80</b>	\$46.70
	1-34/64"	1-38/64"	<b>TF16WF2-80</b>	47.60
	1-35/64"	1-42/64"	<b>TF16WF3-80</b>	46.70
1¼"	1-44/64"	1-48/64"	<b>TF20WF1-80</b> <sup>1</sup>	149.00
	1-49/64"	1-56/64"	<b>TF20WF2-80</b> <sup>1</sup>	149.00
	1-57/64"	2"	<b>TF20WF3-80</b> <sup>1</sup>	149.00
2"	2-36/64"	2-40/64"	<b>TF32WF1-80</b> <sup>1</sup>	162.75
	2-41/64"	2-48/64"	<b>TF32WF2-80</b> <sup>1</sup>	162.75
	2-49/64"	2-56/64"	<b>TF32WF3-80</b> <sup>1</sup>	162.75

<sup>1</sup> Special pusher required for 1¼" and 2" sizes:

1¼" **25PUSH125-MOD**

2" **25PUSH200-MOD**



stem and ferrule - two piece design  
1" size



stem and ferrule - one piece design  
1¼" - 2" sizes

## 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"	<b>F20-1</b>	\$42.80	<b>FL20-1</b>	\$61.45
	1-49/64"	1-56/64"	<b>F20-2</b>	42.80	<b>FL20-2</b>	61.45
	1-57/64"	2"	<b>F20-3</b>	47.15	<b>FL20-3</b>	61.45
	2-1/64"	2-8/64"	<b>F20-4</b>	47.15	<b>FL20-4</b>	61.45
1 1/2"	1-58/64"	2"	<b>F24-1</b>	37.35	<b>FL24-1</b>	56.85
	2-1/64"	2-8/64"	<b>F24-2</b>	38.10	<b>FL24-2</b>	56.85
	2-9/64"	2-16/64"	<b>F24-3</b>	40.40	<b>FL24-3</b>	56.85
	2-17/64"	2-24/64"	<b>F24-4</b>	43.00	<b>FL24-4</b>	56.85
	2-25/64"	2-32/64"	<b>F24-5</b>	43.00	<b>FL24-5</b>	56.85
2"	2-28/64"	2-40/64"	<b>F32-1</b>	38.50	<b>FL32-1</b>	57.00
	2-41/64"	2-48/64"	<b>F32-2</b>	38.00	<b>FL32-2</b>	57.00
	2-49/64"	2-56/64"	<b>F32-3</b>	45.80	<b>FL32-3</b>	57.00
	2-57/64"	3-2/64"	<b>F32-4</b>	45.80	<b>FL32-4</b>	57.00
2 1/2"	2-62/64"	3-8/64"	<b>F40-1</b>	57.70	<b>FL40-1</b>	80.00
	3-9/64"	3-16/64"	<b>F40-2</b>	59.20	<b>FL40-2</b>	80.00
	3-17/64"	3-24/64"	<b>F40-3</b>	58.70	<b>FL40-3</b>	80.00
	3-25/64"	3-32/64"	<b>F40-4</b>	72.00	<b>FL40-4</b>	80.00
	3-33/64"	3-40/64"	<b>F40-5</b>	71.40	<b>FL40-5</b>	80.00
3"	3-30/64"	3-40/64"	<b>F48-1</b>	51.40	<b>FL48-1</b>	94.20
	3-41/64"	3-48/64"	<b>F48-2</b>	56.00	<b>FL48-2</b>	94.20
	3-49/64"	3-56/64"	<b>F48-3</b>	61.00	<b>FL48-3</b>	94.20
	3-57/64"	4"	<b>F48-4</b>	74.65	<b>FL48-4</b>	94.20
	4-1/64"	4-8/64"	<b>F48-5</b>	69.70	<b>FL48-5</b>	94.20
4"	4-30/64"	4-39/64"	<b>F64-Z</b> <sup>1</sup>	95.90	<b>FL64-Z</b> <sup>2</sup>	120.00
	4-40/64"	4-44/64"	<b>F64-1</b>	95.80	<b>FL64-1</b>	120.00
	4-45/64"	4-52/64"	<b>F64-2</b>	94.00	<b>FL64-2</b>	120.00
	4-53/64"	4-60/64"	<b>F64-3</b>	95.80	<b>FL64-3</b>	120.00
	4-61/64"	5-4/64"	<b>F64-4</b>	95.80	<b>FL64-4</b>	120.00
	5-5/64"	5-12/64"	<b>F64-5</b>	108.00	<b>FL64-5</b>	120.00
	5-13/64"	5-20/64"	<b>F64-6</b>	108.00	<b>FL64-6</b>	120.00
	5-21/64"	5-28/64"	<b>F64-7</b>	108.00	<b>FL64-7</b>	120.00
5"	5-29/64"	5-36/64"	<b>F64-8</b>	108.00	<b>FL64-8</b>	120.00
	5-56/64"	5-60/64"	<b>F80-1</b>	240.00	<b>FL80-1</b>	POR
	5-61/64"	6-4/64"	<b>F80-2</b>	240.00	<b>FL80-2</b>	POR
	6-5/64"	6-12/64"	<b>F80-3</b>	250.00	<b>FL80-3</b>	POR
	6-13/64"	6-20/64"	<b>F80-4</b>	POR	<b>FL80-4</b>	POR
	6-21/64"	6-28/64"	<b>F80-5</b>	POR	<b>FL80-5</b>	POR
	6-29/64"	6-38/64"	<b>F80-6</b>	POR	<b>FL80-6</b>	POR
6-37/64"	6-44/64"	<b>F80-7</b>	POR	<b>FL80-7</b>	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"	<b>F96-Z</b> <sup>3</sup>	\$227.70	<b>FL96-Z</b> <sup>1</sup>	\$304.75
	7"	7-4/64"	<b>F96-1</b>	235.00	<b>FL96-1</b>	304.75
	7-5/64"	7-12/64"	<b>F96-2</b>	235.00	<b>FL96-2</b>	304.75
	7-13/64"	7-20/64"	<b>F96-3</b>	235.00	<b>FL96-3</b>	304.75
	7-21/64"	7-28/64"	<b>F96-4</b>	245.00	<b>FL96-4</b>	304.75
	7-29/64"	7-36/64"	<b>F96-5</b>	245.00	<b>FL96-5</b>	304.75
	7-37/64"	7-44/64"	<b>F96-6</b>	255.30	<b>FL96-6</b>	304.75
	7-45/64"	7-52/64"	<b>F96-7</b>	255.30	<b>FL96-7</b>	304.75
	7-53/64"	7-60/64"	<b>F96-8</b>	255.30	<b>FL96-8</b>	304.75
8"	7-61/64"	8"	<b>F96-9</b>	255.30	<b>FL96-9</b>	304.75
	8-53/64"	8-56/64"	<b>F128-X</b> <sup>4</sup>	398.00	---	---
	9"	9-9/64"	<b>F128-Y</b>	395.00	<b>FL128-Y</b>	POR
	9-20/64"	9-24/64"	<b>F128-1</b>	410.00	<b>FL128-1</b>	POR
	9-25/64"	9-32/64"	<b>F128-2</b>	418.00	<b>FL128-2</b>	POR
	9-33/64"	9-40/64"	<b>F128-3</b>	410.00	<b>FL128-3</b>	POR
	9-41/64"	9-48/64"	<b>F128-4</b>	463.50	<b>FL128-4</b>	POR
10"	9-49/64"	9-56/64"	<b>F128-5</b>	463.50	<b>FL128-5</b>	POR
	9-57/64"	10"	<b>F128-6</b>	463.50	<b>FL128-6</b>	POR
	10-1/64"	10-4/64"	<b>F128-7</b>	463.50	<b>FL128-7</b>	POR
	11-32/64"	11-44/64"	<b>F160-1</b>	750.00	<b>FL160-1</b>	POR
	11-45/64"	11-60/64"	<b>F160-2</b>	750.00	<b>FL160-2</b>	POR
	11-61/64"	12-12/64"	<b>F160-3</b>	POR	<b>FL160-3</b>	POR
10"	12-13/64"	12-28/64"	<b>F160-4</b>	POR	<b>FL160-4</b>	POR
	12-29/64"	12-44/64"	<b>F160-5</b>	POR	<b>FL160-5</b>	POR
	12-45/64"	12-60/64"	<b>F160-6</b>	POR	<b>FL160-6</b>	POR

**Special Holedall Stems**

Hose ID	Material	Thread	Part #	Price/E
4"	carbon steel	NPT	<b>TM64-42</b> <sup>1</sup>	\$103.00
4"	long carbon steel	NPT	<b>TML64-42</b> <sup>2</sup>	140.00
6"	carbon steel	NPT	<b>TM96-42</b> <sup>3</sup>	220.00
6"	316 stainless	NPT	<b>TMR96-42</b> <sup>3</sup>	705.00
6"	long carbon steel	NPT	<b>TML96-42</b> <sup>3</sup>	341.00
6"	carbon steel	beveled	<b>TP96-42</b> <sup>3</sup>	220.00
6"	316 stainless	beveled	<b>TPR96-42</b> <sup>3</sup>	POR
6"	long carbon steel	grooved	<b>TGL96-42</b> <sup>3</sup>	POR
6"	carbon steel	grooved	<b>TG96-42</b> <sup>3</sup>	220.00
8"	carbon steel	NPT	<b>TM128-42</b> <sup>4</sup>	258.50
8"	carbon steel	beveled	<b>TP128-42</b> <sup>4</sup>	258.50
8"	carbon steel	grooved	<b>TG128-42</b> <sup>4</sup>	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 437
- ferrules have serrations on the outside

Hose ID	Hose OD		Carbon Steel	
	From	To	Part #	Price/E
1½"	1-58/64"	2-2/64"	<b>FW24</b>	<b>\$75.00</b>
2"	2-28/64"	2-34/64"	<b>FW32</b>	<b>86.60</b>
3"	3-30/64"	3-38/64"	<b>FW48</b>	<b>106.00</b>
4"	4-30/64"	4-42/64"	<b>FW64<sup>1</sup></b>	<b>108.00</b>

<sup>1</sup> 4" takes special stem: **TM64-42**, \$103.00



## Stainless External Swage Ferrules

## Features:

- for use with standard length stems styles TMR, TPR, and TGR series on page 437
- consult Dixon™ for die recommendations, see pages 811-816 for specific pressure recommendations

Hose ID	Hose OD		304 Stainless Steel	
	From	To	Part #	Price/E
1½"	1-60/64"	2-12/64"	<b>GAS2334TO</b>	<b>\$42.40</b>
	2-4/64"	2-22/64"	<b>GAS2370TO</b>	<b>42.40</b>
2"	2-30/64"	2-44/64"	<b>GAS2709TO</b>	<b>34.40</b>
	2-42/64"	2-54/64"	<b>GAS2885TO</b>	<b>73.05</b>
3"	3-30/64"	3-46/64"	<b>GAS3760TO</b>	<b>53.30</b>
	3-47/64"	3-54/64"	<b>GAS3885TO</b>	<b>69.90</b>
4"	4-40/64"	4-47/64"	<b>GAS5010TO</b>	<b>275.00</b>



## 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 73 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.

## stems

Size	PSI at 70°F	316 Stainless Steel	
		Part #	Price/E
1½"	<b>250</b>	<b>RST150NOS</b>	<b>\$45.40</b>
2"	<b>250</b>	<b>RST200NOS</b>	<b>54.00</b>
3"	<b>250</b>	<b>RST300NOS</b>	<b>119.60</b>
4"	<sup>1</sup>	<b>RST400NOS</b>	<b>183.35</b>

<sup>1</sup> contact Dixon™ for pressure information

## ferrules

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
1½"	1-60/64"	2-12/64"	<b>GAS2334NOS</b>	<b>\$32.30</b>
1½"	2-4/64"	2-22/64"	<b>GAS2370NOS</b>	<b>34.50</b>
2"	2-30/64"	2-44/64"	<b>GAS2709NOS</b>	<b>31.50</b>
2"	2-42/64"	2-54/64"	<b>GAS2885NOS</b>	<b>64.40</b>
3"	3-30/64"	3-46/64"	<b>GAS3760NOS</b>	<b>46.35</b>
3"	3-47/64"	3-54/64"	<b>GAS3885NOS</b>	<b>63.00</b>
4"	4-40/64"	4-47/64"	<b>GAS5010NOS</b>	<b>235.00</b>



## 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"	<b>32P1SO15</b>	\$212.70	<b>R32P1SOR15</b>	\$442.00	<b>32P1LJ15</b>	\$260.00	<b>R32P1LJR15</b>	\$510.00
	2-41/64"	2-48/64"	<b>32P2SO15</b>	212.70	<b>R32P2SOR15</b>	442.00	<b>32P2LJ15</b>	260.00	<b>R32P2LJR15</b>	510.00
	2-49/64"	2-56/64"	<b>32P3SO15</b>	212.70	<b>R32P3SOR15</b>	442.00	<b>32P3LJ15</b>	260.00	<b>R32P3LJR15</b>	510.00
3"	3-30/64"	3-40/64"	<b>48P1SO15</b>	271.00	<b>R48P1SOR15</b>	600.00	<b>48P1LJ15</b>	288.40	<b>R48P1LJR15</b>	690.00
	3-41/64"	3-48/64"	<b>48P2SO15</b>	271.00	<b>R48P2SOR15</b>	600.00	<b>48P2LJ15</b>	288.40	<b>R48P2LJR15</b>	690.00
	3-49/64"	3-56/64"	<b>48P3SO15</b>	271.00	<b>R48P3SOR15</b>	600.00	<b>48P3LJ15</b>	288.40	<b>R48P3LJR15</b>	690.00
4"	4-40/64"	4-44/64"	<b>64P1SO15</b>	354.00	<b>R64P1SOR15</b>	875.00	<b>64P1LJ15</b>	450.00	<b>R64P1LJR15</b>	1197.00
	4-45/64"	4-52/64"	<b>64P2SO15</b>	354.00	<b>R64P2SOR15</b>	875.00	<b>64P2LJ15</b>	450.00	<b>R64P2LJR15</b>	1197.00
	4-53/64"	4-60/64"	<b>64P3SO15</b>	354.00	<b>R64P3SOR15</b>	875.00	<b>64P3LJ15</b>	450.00	<b>R64P3LJR15</b>	1197.00
6"	7"	7-4/64"	<b>96P1SO15</b>	675.00	<b>R96P1SOR15</b>	1542.00	<b>96P1LJ15</b>	840.00	<b>R96P1LJR15</b>	1800.00
	7-5/64"	7-12/64"	<b>96P2SO15</b>	675.00	<b>R96P2SOR15</b>	1542.00	<b>96P2LJ15</b>	840.00	<b>R96P2LJR15</b>	1800.00
	7-13/64"	7-20/64"	<b>96P3SO15</b>	675.00	<b>R96P3SOR15</b>	1542.00	<b>96P3LJ15</b>	840.00	<b>R96P3LJR15</b>	1800.00
8"	9-20/64"	9-24/64"	<b>128P1SO15</b>	1020.00	---	---	<b>128P1LJ15</b>	1150.00	---	---
	9-25/64"	9-32/64"	<b>128P2SO15</b>	1020.00	---	---	<b>128P2LJ15</b>	1150.00	---	---
	9-33/64"	9-40/64"	<b>128P3SO15</b>	1020.00	---	---	<b>128P3LJ15</b>	1150.00	---	---

## External Swage Uni-Range Male Couplings

**M Applications:**

- Recommended for use on most one or two wire braid reinforced hoses, fiber reinforced (braided or spiral) with or without helical wire such as chemical, high pressure air and water hoses, and LP gas hoses.



**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"	<b>4P1</b>	<b>\$16.05</b>
	38/64"	42/64"	<b>4P2</b>	<b>16.05</b>
	42/64"	46/64"	<b>4P3</b>	<b>16.05</b>
3/8"	46/64"	50/64"	<b>6P1</b>	<b>22.70</b>
	50/64"	54/64"	<b>6P2</b>	<b>22.70</b>
	54/64"	58/64"	<b>6P3</b>	<b>22.70</b>
1/2"	54/64"	58/64"	<b>8P1</b>	<b>23.15</b>
	58/64"	62/64"	<b>8P2</b>	<b>23.15</b>
	62/64"	1-2/64"	<b>8P3</b>	<b>23.15</b>
3/4"	1-10/64"	1-14/64"	<b>12P1</b>	<b>23.80</b>
	1-14/64"	1-18/64"	<b>12P2</b>	<b>23.80</b>
	1-18/64"	1-22/64"	<b>12P3</b>	<b>23.80</b>
1"	1-30/64"	1-34/64"	<b>16P1</b>	<b>32.30</b>
	1-34/64"	1-38/64"	<b>16P2</b>	<b>32.30</b>
	1-38/64"	1-42/64"	<b>16P3</b>	<b>32.30</b>
	1-42/64"	1-46/64"	<b>16P4</b>	<b>32.30</b>

**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"	<b>R12P1</b>	<b>\$59.65</b>
	1-14/64"	1-18/64"	<b>R12P2</b>	<b>59.65</b>
	1-18/64"	1-22/64"	<b>R12P3</b>	<b>59.65</b>
1"	1-30/64"	1-34/64"	<b>R16P1</b>	<b>105.00</b>
	1-34/64"	1-38/64"	<b>R16P2</b>	<b>105.00</b>
	1-38/64"	1-42/64"	<b>R16P3</b>	<b>105.00</b>
	1-42/64"	1-46/64"	<b>R16P4</b>	<b>105.00</b>

**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"	<b>R8P2SS</b>	<b>\$113.00</b>
3/4"	1-6/64"	1-12/64"	<b>R12P1250</b>	<b>70.00</b>
	1-13/64"	1-22/64"	<b>R12P1370</b>	<b>70.00</b>
1"	1-30/64"	1-38/64"	<b>R16P1620</b>	<b>118.45</b>
	1-38/64"	1-46/64"	<b>R16P1770</b>	<b>119.60</b>

## 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"	<b>LM32-*</b>	<b>POR</b>
2½"	2½"	<b>LM40-*</b>	<b>POR</b>
3"	3"	<b>LM48-*</b>	<b>POR</b>

#### Male API Thread Coupling Units

Hose ID	API Size	Zinc Plated Steel	
		Part #	Price/E
2"	2½"	<b>LM3240-*</b>	<b>POR</b>
2½"	3"	<b>LM4048-*</b>	<b>POR</b>
3"	4"	<b>LM4864-*</b>	<b>POR</b>



\* an accurate hose OD must be provided to complete the part # and to ensure proper retention

**M**

## Holedall™ Internal Expansion Couplings

**Applications:**

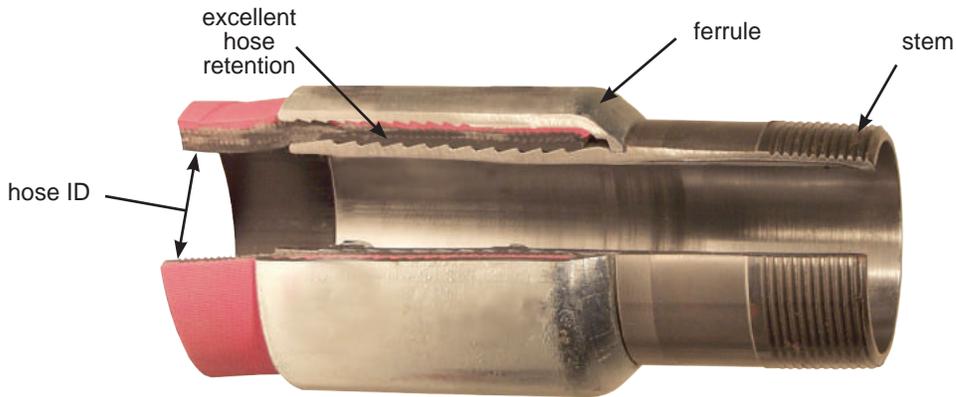
- Essential in applications requiring maximum flow including: concrete pump hose, plaster and grout hose, oil suction and discharge hose, multi-purpose heavy duty air hose, jetting hose, barge loading hose and bottom loading hose.

**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

M

## Internal Expansion Stems



male pipe threaded end



heavy duty raised end



grooved end

Size	Working PSI <sup>1</sup>	Carbon Steel		Carbon Steel		Carbon Steel	
		Part #	Price/E	Part #	Price/E	Part #	Price/E
1"	---	<b>IXM16</b>	<b>\$60.00</b>	---	---	---	---
1¼"	800	<b>IXM20</b>	61.55	---	---	<b>IXV20</b>	<b>\$55.90</b>
1½"	800	<b>IXM24</b>	56.00	<b>IXH24</b>	<b>\$97.50</b>	<b>IXV24</b>	<b>56.50</b>
2"	800	<b>IXM32</b>	57.25	<b>IXH32</b>	<b>106.60</b>	<b>IXV32</b>	<b>59.90</b>
2½"	600	<b>IXM40</b>	75.00	<b>IXH40</b>	<b>130.20</b>	<b>IXV40</b>	<b>74.50</b>
3"	600 <sup>2</sup>	<b>IXM48</b>	96.30	<b>IXH48</b>	<b>155.50</b>	<b>IXV48</b>	<b>106.10</b>
4"	500 <sup>2</sup>	<b>IXM64</b>	137.60	<b>IXH64</b>	<b>216.00</b>	<b>IXV64</b>	<b>150.00</b>
6"	400	<b>IXM96</b>	165.00	---	---	---	---

<sup>1</sup> maximum recommended working pressures, in PSI, given at 70°F ambient temperature

<sup>2</sup> For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon™ for working pressures. See page 435 for specific recommendations.

# 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"	<b>IXF16-1</b>	<b>\$40.50</b>	3"	3-32/64"	3-36/64"	3-9/16"	<b>IXF48-T</b>	<b>\$75.30</b>
	1-28/64"	1-32/64"	1-1/2"	<b>IXF16-2</b>	<b>40.50</b>		3-36/64"	3-40/64"	3-5/8"	<b>IXF48-U</b>	<b>75.30</b>
	1-32/64"	1-36/64"	1-9/16"	<b>IXF16-3</b>	<b>40.50</b>		3-40/64"	3-44/64"	3-11/16"	<b>IXF48-V</b>	<b>75.30</b>
1¼"	1-40/64"	1-44/64"	1-11/16"	<b>IXF20-Z</b>	<b>38.00</b>	3-44/64"	3-48/64"	3-3/4"	<b>IXF48-W</b>	<b>75.30</b>	
	1-44/64"	1-48/64"	1-3/4"	<b>IXF20-1</b>	<b>38.00</b>	3-48/64"	3-52/64"	3-13/16"	<b>IXF48-X</b>	<b>76.40</b>	
	1-48/64"	1-52/64"	1-13/16"	<b>IXF20-2</b>	<b>38.00</b>	3-52/64"	3-56/64"	3-7/8"	<b>IXF48-Y</b>	<b>75.30</b>	
	1-52/64"	1-56/64"	1-7/8"	<b>IXF20-3</b>	<b>38.00</b>	3-56/64"	3-60/64"	3-15/16"	<b>IXF48-Z</b>	<b>75.30</b>	
	1-56/64"	1-60/64"	1-15/16"	<b>IXF20-4</b>	<b>38.00</b>	3-60/64"	4"	4"	<b>IXF48-1</b>	<b>81.25</b>	
	1-60/64"	2"	2"	<b>IXF20-5</b>	<b>38.00</b>	4"	4-4/64"	4-1/16"	<b>IXF48-2</b>	<b>81.25</b>	
1½"	2"	2-4/64"	2-1/16"	<b>IXF20-6</b>	<b>38.00</b>	4-4/64"	4-8/64"	4-1/8"	<b>IXF48-3<sup>1</sup></b>	<b>81.25</b>	
	1-56/64"	1-60/64"	1-15/16"	<b>IXF24-Z</b>	<b>37.65</b>	4-8/64"	4-12/64"	4-3/16"	<b>IXF48-4<sup>1</sup></b>	<b>82.00</b>	
	1-60/64"	2"	2"	<b>IXF24-1</b>	<b>37.65</b>	4-12/64"	4-16/64"	4-1/4"	<b>IXF48-5<sup>1</sup></b>	<b>81.25</b>	
	2"	2-4/64"	2-1/16"	<b>IXF24-2</b>	<b>37.65</b>	4-36/64"	4-40/64"	4-5/8"	<b>IXF64-T</b>	<b>108.00</b>	
	2-4/64"	2-8/64"	2-1/8"	<b>IXF24-3</b>	<b>37.65</b>	4-40/64"	4-44/64"	4-11/16"	<b>IXF64-U</b>	<b>108.00</b>	
	2-8/64"	2-12/64"	2-3/16"	<b>IXF24-4</b>	<b>37.65</b>	4-44/64"	4-48/64"	4-3/4"	<b>IXF64-V</b>	<b>108.00</b>	
	2-12/64"	2-16/64"	2-1/4"	<b>IXF24-5</b>	<b>37.65</b>	4-48/64"	4-52/64"	4-13/16"	<b>IXF64-W</b>	<b>108.00</b>	
	2-16/64"	2-20/64"	2-5/16"	<b>IXF24-6</b>	<b>37.65</b>	4-52/64"	4-56/64"	4-7/8"	<b>IXF64-X</b>	<b>108.00</b>	
2-20/64"	2-24/64"	2-3/8"	<b>IXF24-7</b>	<b>37.65</b>	4-56/64"	4-60/64"	4-15/16"	<b>IXF64-Y</b>	<b>108.00</b>		
2"	2-32/64"	2-36/64"	2-9/16"	<b>IXF32-Y</b>	<b>41.00</b>	4-60/64"	5"	5"	<b>IXF64-Z</b>	<b>108.00</b>	
	2-36/64"	2-40/64"	2-5/8"	<b>IXF32-Z</b>	<b>41.00</b>	5"	5-4/64"	5-1/16"	<b>IXF64-1</b>	<b>108.00</b>	
	2-40/64"	2-44/64"	2-11/16"	<b>IXF32-1</b>	<b>40.15</b>	5-4/64"	5-8/64"	5-1/8"	<b>IXF64-2<sup>1</sup></b>	<b>108.00</b>	
	2-44/64"	2-48/64"	2-3/4"	<b>IXF32-2</b>	<b>40.15</b>	5-8/64"	5-12/64"	5-3/16"	<b>IXF64-3<sup>1</sup></b>	<b>108.00</b>	
	2-48/64"	2-52/64"	2-13/16"	<b>IXF32-3</b>	<b>40.15</b>	5-12/64"	5-16/64"	5-1/4"	<b>IXF64-4<sup>1</sup></b>	<b>108.00</b>	
	2-52/64"	2-56/64"	2-7/8"	<b>IXF32-4</b>	<b>40.15</b>	5-16/64"	5-20/64"	5-5/16"	<b>IXF64-5<sup>1</sup></b>	<b>108.00</b>	
	2-56/64"	2-60/64"	2-15/16"	<b>IXF32-5</b>	<b>40.15</b>	6-40/64"	6-44/64"	6-11/16"	<b>IXF96-1</b>	<b>POR</b>	
	2-60/64"	3"	3"	<b>IXF32-6</b>	<b>40.15</b>	6-44/64"	6-48/64"	6-3/4"	<b>IXF96-2</b>	<b>POR</b>	
2½"	3"	3-4/64"	3-1/16"	<b>IXF32-7</b>	<b>40.15</b>	6-48/64"	6-50/64"	6-25/32"	<b>IXF96-3</b>	<b>POR</b>	
	3"	3-4/64"	3-1/16"	<b>IXF40-1</b>	<b>59.50</b>	6-50/64"	6-52/64"	6-13/16"	<b>IXF96-4</b>	<b>POR</b>	
	3-4/64"	3-8/64"	3-1/8"	<b>IXF40-2</b>	<b>59.50</b>	6-52/64"	6-56/64"	6-7/8"	<b>IXF96-5</b>	<b>POR</b>	
	3-8/64"	3-12/64"	3-3/16"	<b>IXF40-3</b>	<b>59.50</b>	6-56/64"	6-60/64"	6-15/16"	<b>IXF96-6</b>	<b>POR</b>	
	3-12/64"	3-16/64"	3-1/4"	<b>IXF40-4</b>	<b>59.50</b>	6-60/64"	7"	7"	<b>IXF96-7</b>	<b>POR</b>	
	3-16/64"	3-20/64"	3-5/16"	<b>IXF40-5</b>	<b>59.50</b>	7"	7-4/64"	7-1/16"	<b>IXF96-8</b>	<b>POR</b>	
	3-20/64"	3-24/64"	3-3/8"	<b>IXF40-6</b>	<b>59.50</b>	7-4/64"	7-8/64"	7-1/8"	<b>IXF96-9</b>	<b>POR</b>	
	3-24/64"	3-28/64"	3-7/16"	<b>IXF40-7</b>	<b>59.50</b>	7-8/64"	7-12/64"	7-3/16"	<b>IXF96-10</b>	<b>POR</b>	
3-28/64"	3-32/64"	3-1/2"	<b>IXF40-8</b>	<b>59.50</b>	7-12/64"	7-16/64"	7-1/4"	<b>IXF96-11</b>	<b>POR</b>		
3"	3-32/64"	3-36/64"	3-9/16"			7-16/64"	7-20/64"	7-5/16"	<b>IXF96-12</b>	<b>POR</b>	
						7-20/64"	7-22/64"	7-11/32"	<b>IXF96-13</b>	<b>POR</b>	
						7-22/64"	7-24/64"	7-3/8"	<b>IXF96-14</b>	<b>POR</b>	

**M**

<sup>1</sup> 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



**Applications:**

- recommended for discharge and suction service; commonly used in the transfer of fuel to homes, airplanes, ships, etc.
- intended for fuel delivery service, see page 445 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"	<b>H5192</b>	<b>\$23.85</b>	---	---	<b>H5191-BU</b>	<b>\$41.00</b>	---	---	---	---
1"	<b>H5212-A</b>	<b>26.35</b>	<b>H5212NST</b>	<b>\$26.50</b>	<b>H5211-A-BU</b>	<b>43.75</b>	<b>H5211NST</b>	<b>\$51.75</b>	<b>G5212</b>	<b>\$32.55</b>
1¼"	<b>H5222-A</b>	<b>35.10</b>	---	---	<b>H5221-A-BU</b>	<b>51.80</b>	---	---	---	---
1⅝"	<b>H5272</b> <sup>1</sup>	<b>41.00</b>	---	---	<b>H5271-BU</b> <sup>1</sup>	<b>79.20</b>	---	---	---	---
1½"	<b>H5232-A</b>	<b>42.50</b>	<b>H5232NST</b>	<b>42.05</b>	<b>H5231-A-BU</b>	<b>78.60</b>	<b>H5231NST</b> <sup>2</sup>	<b>83.60</b>	<b>G5232</b>	<b>59.20</b>
2"	<b>H5242</b>	<b>81.70</b>	---	---	<b>H5241-BU</b>	<b>137.90</b>	---	---	<b>G5242</b>	<b>80.50</b>
2½"	<b>H5252</b>	<b>138.00</b>	---	---	<b>H5251</b> <sup>3</sup>	<b>215.00</b>	---	---	<b>G5252</b>	<b>138.00</b>
3"	<b>H5262</b>	<b>185.00</b>	---	---	<b>H5261</b> <sup>3</sup>	<b>282.00</b>	---	---	---	---

<sup>1</sup> 1⅝" stem has 1½" thread

<sup>2</sup> 1½" NST requires special adapter, part # H5231NSTADT

<sup>3</sup> 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"	<b>R75AAAS</b>	<b>\$8.55</b>	1⅝"	1-47/64"	1-50/64"	<b>R1375BS</b>	<b>\$17.60</b>	2"	2-27/64"	2-30/64"	<b>R2AAS</b>	<b>\$32.80</b>
	1-8/64"	1-11/64"	<b>R75AAS</b>	<b>8.55</b>		1-51/64"	1-54/64"	<b>R1375CS</b>	<b>17.60</b>		2-31/64"	2-34/64"	<b>R2AS</b>	<b>32.80</b>
	1-12/64"	1-14/64"	<b>R75AS</b>	<b>8.55</b>		1-55/64"	1-58/64"	<b>R1375DS</b>	<b>17.60</b>		2-35/64"	2-38/64"	<b>R2BS</b>	<b>32.80</b>
	1-15/64"	1-17/64"	<b>R75BS</b>	<b>8.55</b>		1-59/64"	1-62/64"	<b>R1375ES</b>	<b>17.60</b>		2-39/64"	2-42/64"	<b>R2CS</b>	<b>32.80</b>
	1-18/64"	1-20/64"	<b>R75CS</b>	<b>8.55</b>		1-54/64"	1-57/64"	<b>R15AAAS-A</b>	<b>18.00</b>		2-43/64"	2-46/64"	<b>R2DS</b>	<b>32.80</b>
1"	1-24/64"	1-26/64"	<b>R1AAAS-A</b>	<b>9.95</b>	1-58/64"	1-62/64"	<b>R15AAS-A</b>	<b>18.00</b>	2-47/64"		2-50/64"	<b>R2ES</b>	<b>32.80</b>	
	1-27/64"	1-29/64"	<b>R1AAS-A</b>	<b>9.95</b>	1-63/64"	2-2/64"	<b>R15AS-A</b>	<b>18.00</b>	2-51/64"		2-54/64"	<b>R2FS</b>	<b>32.80</b>	
	1-30/64"	1-32/64"	<b>R1AS-A</b>	<b>9.95</b>	2-3/64"	2-6/64"	<b>R15BS-A</b>	<b>18.00</b>	2½"		2-62/64"	3-1/64"	<b>R25AS</b>	<b>46.10</b>
	1-33/64"	1-35/64"	<b>R1BS-A</b>	<b>9.95</b>	2-7/64"	2-11/64"	<b>R15CS-A</b>	<b>18.00</b>			3-2/64"	3-6/64"	<b>R25BS</b>	<b>46.10</b>
	1-36/64"	1-38/64"	<b>R1CS-A</b>	<b>9.95</b>	2-12/64"	2-14/64"	<b>R15DS-A</b>	<b>18.00</b>			3-7/64"	3-11/64"	<b>R25CS</b>	<b>46.10</b>
	1-39/64"	1-41/64"	<b>R1DS-A</b>	<b>9.95</b>	2-15/64"	2-19/64"	<b>R15ES-A</b>	<b>18.00</b>		3-12/64"	3-16/64"	<b>R25DS</b>	<b>46.10</b>	
1-42/64"	1-44/64"	<b>R1ES-A</b>	<b>9.95</b>	2-20/64"	2-24/64"	<b>R15FS-A</b> <sup>1</sup>	<b>17.55</b>	3-17/64"		3-21/64"	<b>R25ES</b>	<b>46.10</b>		
1-43/64"	1-46/64"	<b>R125AAS-A</b>	<b>14.70</b>	2-25/64"	2-28/64"	<b>R15GS</b> <sup>1</sup>	<b>17.55</b>	3-22/64"		3-26/64"	<b>R25FS</b>	<b>46.10</b>		
1¼"	1-47/64"	1-50/64"	<b>R125AS-A</b>	<b>14.70</b>	3"	3-30/64"	3-34/64"	<b>R3AAAS</b>	<b>62.90</b>					
	1-51/64"	1-54/64"	<b>R125BS-A</b>	<b>14.70</b>		3-35/64"	3-39/64"	<b>R3AAS</b>	<b>62.90</b>					
	1-55/64"	1-58/64"	<b>R125DS-A</b>	<b>14.70</b>		3-40/64"	3-45/64"	<b>R3AS</b>	<b>62.90</b>					
	1-59/64"	1-62/64"	<b>R125ES-A</b> <sup>1</sup>	<b>14.70</b>		3-46/64"	3-50/64"	<b>R3BS</b>	<b>62.90</b>					
						3-51/64"	3-54/64"	<b>R3CS</b>	<b>62.90</b>					

<sup>1</sup> 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	
		Part #	Price/E
1"	NPT	<b>H5212-A</b>	<b>\$26.35</b>
1¼"	NPT	<b>H5222-A</b>	<b>35.10</b>
1½"	NPT	<b>H5232-A</b>	<b>42.50</b>
2"	NPT	<b>H5242L-A</b>	<b>81.70</b>
2½"	NPT	<b>H5252L-A</b>	<b>138.00</b>
3"	NPT	<b>H5262L-A</b>	<b>185.00</b>
4"	NPT	<b>H5282L-A</b>	<b>330.00</b>



- <sup>1</sup> 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	<b>H5211-A-BU</b>	<b>\$43.75</b>
1¼"	NPSH	<b>H5221-A-BU</b>	<b>51.80</b>
1½"	NPSH	<b>H5231-A-BU</b>	<b>78.60</b>
2"	NPSH	<b>H5241L-A-BU</b>	<b>137.90</b>
2½"	NPSM	<b>H5251L-A-BU</b>	<b>215.00</b>
3"	NPSM	<b>H5261L-A-BU</b>	<b>282.00</b>
4"	NPSM	<b>H5281L-A-BU</b>	<b>415.00</b>



## 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"	<b>R1AAAS-A</b>	<b>\$9.95</b>	2"	2-31/64"	2-34/64"	<b>R2ASS-A</b>	<b>\$28.35</b>	<b>R2AAL-A</b>	<b>\$20.00</b>
	1-27/64"	1-29/64"	<b>R1AAS-A</b>	<b>9.95</b>		2-35/64"	2-38/64"	<b>R2BSS-A</b>	<b>28.35</b>	<b>R2BAL-A</b>	<b>20.00</b>
	1-30/64"	1-32/64"	<b>R1AS-A</b>	<b>9.95</b>		2-39/64"	2-42/64"	<b>R2CSS-A</b>	<b>28.35</b>	<b>R2CAL-A</b>	<b>20.00</b>
	1-33/64"	1-35/64"	<b>R1BS-A</b>	<b>9.95</b>		2-43/64"	2-46/64"	<b>R2DSS-A</b>	<b>28.35</b>	<b>R2DAL-A</b>	<b>20.00</b>
	1-36/64"	1-38/64"	<b>R1CS-A</b>	<b>9.95</b>		2-47/64"	2-50/64"	<b>R2ESS-A</b>	<b>28.35</b>	<b>R2EAL-A</b>	<b>20.00</b>
	1-39/64"	1-41/64"	<b>R1DS-A</b>	<b>9.95</b>		2-62/64"	3-1/64"	<b>R25ASS-A</b>	<b>42.25</b>	<b>R25AAL-A</b>	<b>30.00</b>
	1-42/64"	1-44/64"	<b>R1ES-A</b>	<b>9.95</b>		3-2/64"	3-6/64"	<b>R25BSS-A</b>	<b>42.25</b>	<b>R25BAL-A</b>	<b>30.00</b>
1¼"	1-39/64"	1-42/64"	<b>R125AAS-A</b>	<b>14.70</b>	3-7/64"	3-11/64"	<b>R25CSS-A</b>	<b>42.25</b>	<b>R25CAL-A</b>	<b>30.00</b>	
	1-43/64"	1-46/64"	<b>R125AS-A</b>	<b>14.70</b>	3-12/64"	3-16/64"	<b>R25DSS-A</b>	<b>42.25</b>	<b>R25DAL-A</b>	<b>30.00</b>	
	1-47/64"	1-50/64"	<b>R125BS-A</b>	<b>14.70</b>	3-17/64"	3-21/64"	<b>R25ESS-A</b>	<b>42.25</b>	<b>R25EAL-A</b>	<b>30.00</b>	
	1-51/64"	1-54/64"	<b>R125CS-A</b>	<b>14.70</b>	3-35/64"	3-39/64"	<b>R3AASS-A</b>	<b>49.25</b>	<b>R3AAAL-A</b>	<b>35.00</b>	
	1-55/64"	1-58/64"	<b>R125DS-A</b>	<b>14.70</b>	3-40/64"	3-45/64"	<b>R3ASS-A</b>	<b>49.25</b>	<b>R3AAL-A</b>	<b>35.00</b>	
	1-59/64"	1-62/64"	<b>R125ES-A</b>	<b>14.70</b>	3-46/64"	3-50/64"	<b>R3BSS-A</b>	<b>49.25</b>	<b>R3BAL-A</b>	<b>35.00</b>	
1½"	1-54/64"	1-57/64"	<b>R15AAAS-A</b>	<b>18.00</b>	3-51/64"	3-54/64"	<b>R3CSS-A</b>	<b>49.25</b>	<b>R3CAL-A</b>	<b>35.00</b>	
	1-58/64"	1-62/64"	<b>R15AAS-A</b>	<b>18.00</b>	3-55/64"	3-59/64"	<b>R3DSS-A</b>	<b>49.25</b>	<b>R3DAL-A</b>	<b>35.00</b>	
	1-63/64"	2-2/64"	<b>R15AS-A</b>	<b>18.00</b>	4-46/64"	4-48/64"	<b>R4ESS-A</b>	<b>164.00</b>	---	---	
	2-3/64"	2-6/64"	<b>R15BS-A</b>	<b>18.00</b>	4-49/64"	4-51/64"	<b>R4FSS-A</b>	<b>164.00</b>	---	---	
	2-7/64"	2-11/64"	<b>R15CS-A</b>	<b>18.00</b>	4-52/64"	4-54/64"	<b>R4GSS-A</b>	<b>164.00</b>	---	---	
	2-12/64"	2-14/64"	<b>R15DS-A</b>	<b>18.00</b>	4-55/64"	4-57/64"	<b>R4HSS-A</b>	<b>164.00</b>	---	---	
	2-15/64"	2-19/64"	<b>R15ES-A</b>	<b>18.00</b>	4-58/64"	4-59/64"	<b>R4KSS-A</b>	<b>164.00</b>	---	---	
				4-60/64"	4-62/64"	<b>R4LSS-A</b>	<b>164.00</b>	---	---		
				4-63/64"	5"	<b>R4MSS-A</b>	<b>164.00</b>	---	---		

## Replacement Washers

**Feature:**

- for use with 520-H series female internally expanded permanent couplings on pages 444 and 445



Size	Buna	
	Part #	Price/E
3/4"	<b>H5071-BU</b>	<b>\$1.20</b>
1"	<b>H5072-BU</b>	<b>1.20</b>
1 1/4"	<b>H5073-BU</b>	<b>1.20</b>
1 1/2"	<b>H5074-BU</b>	<b>1.20</b>
2"	<b>H5075-BU</b>	<b>1.30</b>
2 1/2"	<b>H5076-BU</b>	<b>1.30</b>
3"	<b>H5077-BU</b>	<b>1.35</b>
4"	<b>H5078-BU</b>	<b>1.80</b>

## Permanent Couplings for Pump Hose

**Application:**

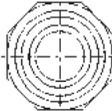
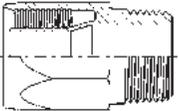
- economical and trouble-free couplings for gas pump hose

**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"	<b>H5741</b>	<b>\$15.15</b>
5/8"	3/4"	1-1/32"	<b>H5742</b>	<b>15.15</b>
3/4"	3/4"	1-9/64"	<b>H5751</b>	<b>17.60</b>
3/4"	3/4"	1-11/64"	<b>H5752</b>	<b>17.60</b>
3/4"	3/4"	1-13/64"	<b>H5753</b>	<b>27.10</b>
3/4"	3/4"	1-7/32"	<b>H5754</b>	<b>27.10</b>
3/4"	3/4"	1-17/64"	<b>H5755</b> <sup>1</sup>	<b>27.10</b>
1"	1"	1-25/64"	<b>H5771</b>	<b>32.00</b>
1"	1"	1-29/64"	<b>H5772</b>	<b>32.00</b>
1"	1"	1-1/2"	<b>H5773</b>	<b>32.00</b>
1"	1"	1-9/16"	<b>H5774</b>	<b>32.00</b>

<sup>1</sup> 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
<b>2500HB0000</b>	<b>\$3180.00</b>

# Dubl-Grip® Re-attachable Couplings for Curb Pump Hose

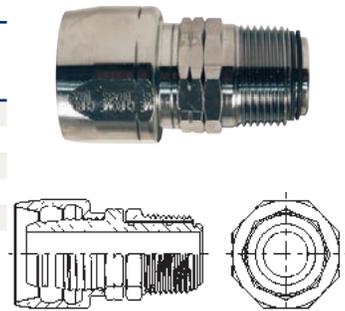
**Features:**

- 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"	<b>H603</b>	<b>\$37.50</b>
3/4"	3/4"	1-13/64"	<b>H604</b>	<b>37.50</b>
3/4"	3/4"	1-1/4"	<b>H605</b>	<b>37.50</b>
1"	1"	1-3/8"	<b>H609</b> <sup>1</sup>	<b>58.00</b>
1"	1"	1-7/16"	<b>H610</b> <sup>1</sup>	<b>58.00</b>
1"	1"	1-1/2"	<b>H611</b> <sup>1</sup>	<b>58.00</b>

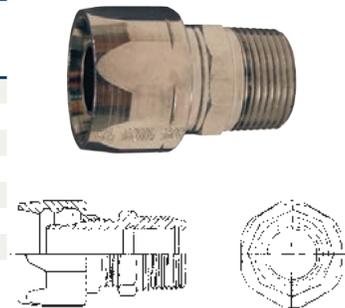
<sup>1</sup> octagonal shape



## Dubl-Grip® Re-attachables

Hose ID	Male NPT	Hose OD	Chrome Plated Brass	
			Part #	Price/E
5/8"	3/4"	1"	<b>850212</b>	<b>\$20.50</b>
5/8"	3/4"	1-1/32"	<b>850213</b>	<b>20.50</b>
3/4"	3/4"	1-1/8"	<b>850451</b>	<b>27.90</b>
3/4"	3/4"	1-13/64"	<b>850455</b>	<b>27.90</b>
3/4"	3/4"	1-1/4"	<b>850453</b>	<b>27.90</b>
1"	1"	1-3/8"	<b>850841</b> <sup>1</sup>	<b>43.20</b>
1"	1"	1-7/16"	<b>850801</b> <sup>1</sup>	<b>43.20</b>
1"	1"	1-1/2"	<b>850811</b> <sup>1</sup>	<b>43.20</b>

<sup>1</sup> octagonal shape



**M**

# CIP Internal Expansion (IX) Sanitary Style Hose Couplings

**Application:**

- 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 466-472 for sanitary style gaskets
- see pages 452-453 for sanitary style clamps



Size	304 Stainless Steel	
	Part #	Price/E
1½"	<b>IXSE24-3A</b>	<b>\$173.50</b>
2"	<b>IXSE32-3A</b>	<b>195.00</b>
3"	<b>IXSE48-3A</b>	<b>350.00</b>

## Tube Weld End Stem

**Feature:**

- special plug is required to expand CIP compliant fittings



Size	304 Stainless Steel	
	Part #	Price/E
2"	<b>IXPE32-3A</b>	<b>\$175.00</b>

## Special Expansion Plug for CIP Compliant IX Fittings



Hose Size	304 Stainless Steel	
	Part #	
1½"	<b>IXFDPLG137</b>	
2"	<b>IXFDPLG187</b>	
3"	<b>IXFDPLG287</b>	

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"	<b>24PFX1.937</b>	<b>\$105.50</b>
	1-60/64"	1-63/64"	<b>24PFX2.000</b>	<b>105.50</b>
	2"	2-3/64"	<b>24PFX2.062</b>	<b>105.50</b>
	2-4/64"	2-7/64"	<b>24PFX2.125</b>	<b>105.50</b>
	2-8/64"	2-11/64"	<b>24PFX2.187</b>	<b>105.50</b>
	2-12/64"	2-15/64"	<b>24PFX2.250</b>	<b>105.50</b>
2" 1	2-16/64"	2-19/64"	<b>24PFX2.312</b> 2	<b>105.50</b>
	2-28/64"	2-31/64"	<b>32PFX2.500</b>	<b>108.00</b>
	2-32/64"	2-35/64"	<b>32PFX2.562</b>	<b>108.00</b>
	2-36/64"	2-39/64"	<b>32PFX2.625</b>	<b>108.00</b>
	2-40/64"	2-43/64"	<b>32PFX2.687</b>	<b>108.00</b>
	2-44/64"	2-47/64"	<b>32PFX2.750</b>	<b>108.00</b>
	2-48/64"	2-51/64"	<b>32PFX2.812</b>	<b>108.00</b>
	2-52/64"	2-55/64"	<b>32PFX2.875</b>	<b>108.00</b>
	2-56/64"	2-59/64"	<b>32PFX2.937</b>	<b>108.00</b>
	2½"	3"	3-3/64"	<b>40PFX3.062</b>
3-4/64"		3-7/64"	<b>40PFX3.125</b>	<b>151.00</b>
3-8/64"		3-11/64"	<b>40PFX3.187</b>	<b>151.00</b>
3-12/64"		3-15/64"	<b>40PFX3.250</b>	<b>151.00</b>
3-16/64"		3-19/64"	<b>40PFX3.312</b>	<b>151.00</b>
3-20/64"		3-23/64"	<b>40PFX3.375</b>	<b>151.00</b>
3-28/64"		3-31/64"	<b>40PFX3.500</b>	<b>151.00</b>

Size	Hose OD		304 Stainless Steel	
	From:	To:	Part #	Price/E
3"	3-32/64"	3-35/64"	<b>48PFX3.562</b>	<b>\$172.50</b>
	3-36/64"	3-39/64"	<b>48PFX3.625</b>	<b>172.50</b>
	3-40/64"	3-43/64"	<b>48PFX3.687</b>	<b>172.50</b>
	3-44/64"	3-47/64"	<b>48PFX3.750</b>	<b>172.50</b>
	3-48/64"	3-51/64"	<b>48PFX3.812</b>	<b>172.50</b>
	3-52/64"	3-55/64"	<b>48PFX3.875</b>	<b>172.50</b>
	3-56/64"	3-59/64"	<b>48PFX3.937</b>	<b>172.50</b>
	3-60/64"	3-63/64"	<b>48PFX4.000</b>	<b>172.50</b>
	4"	4-3/64"	<b>48PFX4.062</b>	<b>172.50</b>
	4-4/64"	4-7/64"	<b>48PFX4.125</b>	<b>172.50</b>
4"	4-36/64"	4-39/64"	<b>64PFX4.625</b>	<b>235.00</b>
	4-40/64"	4-43/64"	<b>64PFX4.687</b>	<b>235.00</b>
	4-44/64"	4-47/64"	<b>64PFX4.750</b>	<b>235.00</b>
	4-48/64"	4-51/64"	<b>64PFX4.812</b>	<b>235.00</b>
	4-52/64"	4-55/64"	<b>64PFX4.875</b>	<b>235.00</b>
	4-56/64"	4-59/64"	<b>64PFX4.937</b>	<b>235.00</b>

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 466-472 for sanitary style gaskets
- see pages 452-453 for sanitary style clamps

Size	304 Stainless Steel	
	Part #	Price/E
1½"	<b>IXSE24</b>	<b>\$138.40</b>
2"	<b>IXSE32</b>	<b>169.00</b>
2½"	<b>IXSE40</b>	<b>270.00</b>
3"	<b>IXSE48</b>	<b>350.50</b>
4"	<b>IXSE64</b>	<b>470.00</b>



## 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"	<b>IXMS24</b>	<b>\$186.35</b>
2"	<b>IXMS32</b>	<b>180.00</b>
2½"	<b>IXMS40</b>	<b>230.00</b>
3"	<b>IXMS48</b>	<b>351.00</b>
4"	<b>IXMS64</b>	<b>500.00</b>



## 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 482 for bevel seat gaskets

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### Female Shank

**Feature:**

- only use with the IXAN nuts shown below

Size	304 Stainless Steel	
	Part #	Price/E
1½"	<b>IXFS24</b>	<b>\$154.35</b>
2"	<b>IXFS32</b>	<b>210.10</b>
2"	<b>IXFS32-3A</b> <sup>1</sup>	<b>215.00</b>
2½"	<b>IXFS40</b>	<b>236.90</b>
3"	<b>IXFS48</b>	<b>375.00</b>
4"	<b>IXFS64</b>	<b>395.00</b>



<sup>1</sup> must use plug part # IXFDPLG187

### Threaded Hex Nuts

series 13H (modified)

Size	304 Stainless Steel	
	Part #	Price/E
1½"	<b>IXAN24</b>	<b>\$37.10</b>
2"	<b>IXAN32</b>	<b>49.10</b>
2½"	<b>IXAN40</b>	<b>73.00</b>
3"	<b>IXAN48</b>	<b>92.25</b>
4"	<b>IXAN64</b>	<b>155.00</b>



## 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 859-861 for crimp recommendations



Size	316 Stainless Steel		
	Part #	Price/E	
1"	<b>CSSR100</b>	<b>\$75.60</b>	
1½"	<b>CSSR150</b>	<b>77.85</b>	
2"	<b>CSSR200</b>	<b>135.50</b>	
2½"	<b>CSSR250</b>	<b>275.00</b>	
3"	<b>CSSR300</b>	<b>302.60</b>	
4"	<b>CSSR400</b>	<b>562.85</b>	

## Female Bevel Seat End x Hose Shank



Size	Nut Used	316 Stainless Steel	
		Part #	Price/E
1"	13H-G100	<b>CBSR100</b>	<b>\$75.60</b>
1½"	IXAN24	<b>CBSR150</b>	<b>77.85</b>
2"	IXAN32	<b>CBSR200</b>	<b>135.50</b>
3"	IXAN300	<b>CBSR300</b>	<b>302.10</b>
4"	IXAN64	<b>CBSR400</b>	<b>562.85</b>

## Female I-Line End x Hose Shank



Size	316 Stainless Steel		
	Part #	Price/E	
1½"	<b>CILR150</b>	<b>\$77.85</b>	
2"	<b>CILR200</b>	<b>135.50</b>	
3"	<b>CILR300</b>	<b>302.10</b>	
4"	<b>CILR400</b>	<b>562.85</b>	

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## Tube Weld End x Hose Shank



Size	316 Stainless Steel		
	Part #	Price/E	
1½"	<b>CTER150</b>	<b>\$77.85</b>	
2"	<b>CTER200</b>	<b>135.50</b>	
3"	<b>CTER300</b>	<b>302.10</b>	
4"	<b>CTER400</b>	<b>562.85</b>	

## Holedall DIN External Crimp Stems

### Male Stems

- reference pages 859-861 for crimp recommendations



Size	316 Stainless Steel		
	Part #	DIN	Price/E
1½"	<b>HA0235</b>	40	<b>\$98.95</b>
2"	<b>HA0236</b>	50	<b>138.50</b>
2½"	<b>HA0237</b>	65	<b>170.00</b>
3"	<b>HA0238</b>	80	<b>250.10</b>

### Female Stems



Size	316 Stainless Steel		
	Part #	DIN	Price/E
1½"	<b>HA0240</b>	40	<b>\$88.30</b>
2"	<b>HA0241</b>	50	<b>127.80</b>
2½"	<b>HA0242</b>	65	<b>170.00</b>
3"	<b>HA0243</b>	80	<b>239.75</b>

## 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"	<b>F16G-1453</b>	<b>\$51.50</b>
	1-29/64"	1-31/64"	<b>F16G-1500</b>	<b>51.50</b>
	1-32/64"	1-34/64"	<b>F16G-1547</b>	<b>51.50</b>
	1-35/64"	1-37/64"	<b>F16G-1594</b>	<b>51.50</b>
	1-38/64"	1-40/64"	<b>F16G-1641</b>	<b>51.50</b>
1½"	1-58/64"	1-61/64"	<b>F24G-1969</b>	<b>59.45</b>
	1-62/64"	2-1/64"	<b>F24G-2031</b>	<b>59.45</b>
	2-2/64"	2-5/64"	<b>F24G-2094</b>	<b>59.45</b>
	2-6/64"	2-9/64"	<b>F24G-2156</b>	<b>59.45</b>
	2-10/64"	2-13/64"	<b>F24G-2219</b>	<b>59.45</b>
	2-14/64"	2-17/64"	<b>F24G-2281</b>	<b>59.45</b>
	2-18/64"	2-21/64"	<b>F24G-2344</b>	<b>59.45</b>
2"	2-30/64"	2-33/64"	<b>F32G-2531</b>	<b>77.80</b>
	2-34/64"	2-37/64"	<b>F32G-2594</b>	<b>77.80</b>
	2-38/64"	2-41/64"	<b>F32G-2656</b>	<b>77.80</b>
	2-42/64"	2-45/64"	<b>F32G-2719</b>	<b>77.80</b>
	2-52/64"	2-55/64"	<b>F32G-2875</b>	<b>77.80</b>
	2-56/64"	2-59/64"	<b>F32G-2938</b>	<b>77.80</b>
2½"	3"	3-3/64"	<b>F40G-3063</b>	<b>198.00</b>
	3-4/64"	3-7/64"	<b>F40G-3125</b>	<b>198.00</b>
	3-8/64"	3-11/64"	<b>F40G-3188</b>	<b>198.00</b>
	3-12/64"	3-15/64"	<b>F40G-3250</b>	<b>198.00</b>
	3-16/64"	3-19/64"	<b>F40G-3313</b>	<b>198.00</b>
	3-20/64"	3-23/64"	<b>F40G-3375</b>	<b>198.00</b>
3"	3-36/64"	3-39/64"	<b>F48G-3625</b>	<b>208.00</b>
	3-40/64"	3-43/64"	<b>F48G-3688</b>	<b>208.00</b>
	3-44/64"	3-47/64"	<b>F48G-3750</b>	<b>208.00</b>
	3-48/64"	3-51/64"	<b>F48G-3813</b>	<b>208.00</b>
	3-52/64"	3-55/64"	<b>F48G-3875</b>	<b>208.00</b>
	3-56/64"	3-59/64"	<b>F48G-3938</b>	<b>208.00</b>
4"	3-61/64"	4"	<b>F48G-4016</b>	<b>208.00</b>
	4-40/64"	4-43/64"	<b>F64G-4688</b>	<b>409.15</b>
	4-44/64"	4-47/64"	<b>F64G-4750</b>	<b>409.15</b>
	4-48/64"	4-51/64"	<b>F64G-4813</b>	<b>409.15</b>
	4-52/64"	4-55/64"	<b>F64G-4875</b>	<b>409.15</b>
	4-56/64"	4-59/64"	<b>F64G-4938</b>	<b>409.15</b>
	5-5/64"	5-8/64"	<b>F64G-5141</b>	<b>409.15</b>



## DIN Round Nut - 13R

Tube OD	DN Size	304 Stainless Steel	
		Part #	Price/E
1"	25	<b>13R-G100DIN</b>	<b>\$36.65</b>
1½"	40	<b>13R-G150DIN</b>	<b>45.65</b>
2"	50	<b>13R-G200DIN</b>	<b>58.40</b>
2½"	65	<b>13R-G250DIN</b>	<b>79.05</b>
3"	80	<b>13R-G300DIN</b>	<b>121.40</b>
4"	100	<b>13R-G400DIN</b>	<b>141.70</b>



## 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"	<b>CSSR100CS</b>	<b>\$75.60</b>
1½"	<b>CSSR150CS</b>	<b>77.85</b>
2"	<b>CSSR200CS</b>	<b>135.50</b>
3"	<b>CSSR300CS</b>	<b>302.60</b>
4"	<b>CSSR400CS</b>	<b>562.85</b>



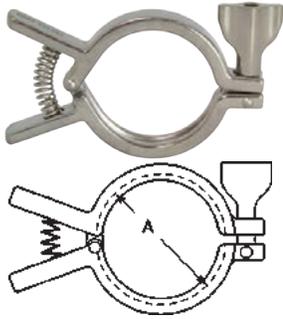
 Use only with King Crimp™ sleeves and / or ferrules on pages 14-17.

## 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.

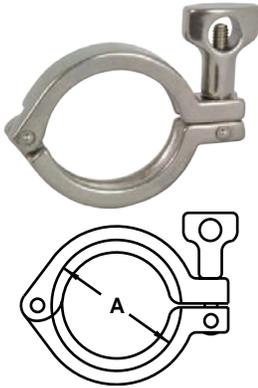


Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

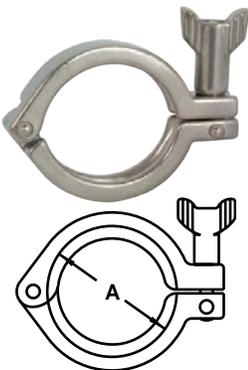


## Single Pin Squeeze Clamps - 13MHHM-Q

Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM-Q75	\$31.30
1" - 1 1/2"	500	300	2.122"	13MHHM-Q100150	38.10
2"	450	250	2.654"	13MHHM-Q200	44.60
2 1/2"	400	200	3.185"	13MHHM-Q250	57.50
3"	350	175	3.717"	13MHHM-Q300	60.35
4"	300	150	4.820"	13MHHM-Q400	70.05

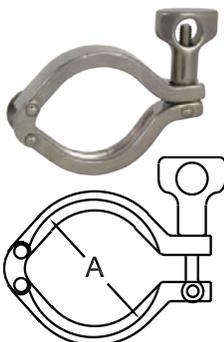
Single Pin Heavy Duty Clamps - 13MHHM  
with cross hole wing nut

Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75	\$8.95
1" - 1 1/2"	500	300	2.122"	13MHHM100-150	15.95
2"	450	250	2.654"	13MHHM200	17.20
2 1/2"	400	200	3.185"	13MHHM250	19.65
3"	350	175	3.717"	13MHHM300	21.50
4"	300	150	4.820"	13MHHM400	27.10
5"	225	100	5.820"	13MHHM500	76.95
6"	150	75	6.695"	13MHHM600	57.90
8"	100	50	8.695"	13MHHM800	83.10

Single Pin Heavy Duty Clamps - 13MHHM\*\*\*SN  
with serrated wing nut

Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75SN	\$8.95
1" - 1 1/2"	500	300	2.122"	13MHHM100-150SN	15.95
2"	450	250	2.654"	13MHHM200SN	17.20
2 1/2"	400	200	3.185"	13MHHM250SN	19.65
3"	350	175	3.717"	13MHHM300SN	21.50
4"	300	150	4.820"	13MHHM400SN	27.10
5"	225	100	5.820"	13MHHM500SN	76.95
6"	150	75	6.695"	13MHHM600SN	57.90
8"	100	50	8.695"	13MHHM800SN	83.10

## Double Pin Heavy Duty Clamps - 13MHHM-DP



Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1" - 1 1/2"	500	300	2.122"	13MHHM-DP100150	\$19.80
2"	450	250	2.654"	13MHHM-DP200	22.55
2 1/2"	400	200	3.185"	13MHHM-DP250	26.05
3"	350	175	3.717"	13MHHM-DP300	29.35
4"	300	150	4.820"	13MHHM-DP400	35.80
10"	100	50	10.740"	13MHHM-DP1000	268.85

<sup>1</sup> wing nut tightened to 25 in. lb. of torque

## Clamps

### Three Segment Clamps - 13MHMM-3P

Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1" - 1½"	<b>600</b>	<b>300</b>	2.122"	<b>13MHMM-3P100150</b>	<b>\$27.90</b>
2"	<b>550</b>	<b>275</b>	2.654"	<b>13MHMM-3P200</b>	<b>31.80</b>
2½"	<b>450</b>	<b>225</b>	3.185"	<b>13MHMM-3P250</b>	<b>38.15</b>
3"	<b>350</b>	<b>175</b>	3.717"	<b>13MHMM-3P300</b>	<b>43.15</b>
4"	<b>300</b>	<b>150</b>	4.820"	<b>13MHMM-3P400</b>	<b>54.10</b>
12"	<b>75</b>	<b>50</b>	12.740"	<b>13MHMM-3P1200</b>	<b>647.00</b>

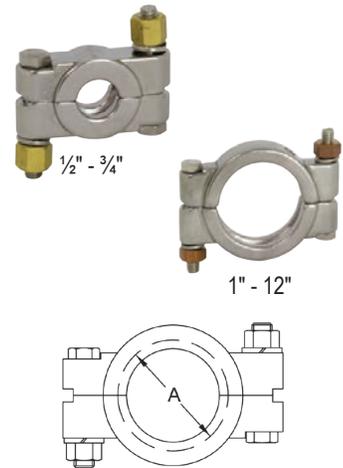
<sup>1</sup> wing nut should be tightened to 25 in. lb. of torque



### Bolted Clamps - 13MHP

Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
½" - ¾"	<b>1500</b>	<b>1200</b>	1.062"	<b>13MHP75</b>	<b>\$28.55</b>
1" - 1½"	<b>1500</b>	<b>1200</b>	2.046"	<b>13MHP100-150</b>	<b>31.20</b>
2"	<b>1000</b>	<b>800</b>	2.578"	<b>13MHP200</b>	<b>38.85</b>
2½"	<b>1000</b>	<b>800</b>	3.110"	<b>13MHP250</b>	<b>42.40</b>
3"	<b>1000</b>	<b>800</b>	3.640"	<b>13MHP300</b>	<b>51.60</b>
4"	<b>800</b>	<b>600</b>	4.744"	<b>13MHP400</b>	<b>58.30</b>
6"	<b>300</b>	<b>200</b>	6.632"	<b>13MHP600</b>	<b>94.80</b>
8"	<b>250</b>	<b>150</b>	8.638"	<b>13MHP800</b>	<b>257.40</b>
10"	<b>200</b>	<b>125</b>	10.740"	<b>13MHP1000</b>	<b>394.50</b>
12"	<b>150</b>	<b>100</b>	12.740"	<b>13MHP1200</b>	<b>444.85</b>

<sup>1</sup> nuts should be tightened to 20 ft. lbs. of torque



### Toggle Clamps - 13MHLA

Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	<b>150</b>	<b>125</b>	2.122"	<b>13MHLA100-150</b>	<b>\$52.15</b>
2"	<b>150</b>	<b>125</b>	2.654"	<b>13MHLA200</b>	<b>54.60</b>
2½"	<b>150</b>	<b>125</b>	3.185"	<b>13MHLA250</b>	<b>58.70</b>
3"	<b>150</b>	<b>125</b>	3.717"	<b>13MHLA300</b>	<b>93.25</b>
4"	<b>100</b>	<b>75</b>	4.820"	<b>13MHLA400</b>	<b>99.10</b>

<sup>1</sup> screw tightened to maximum



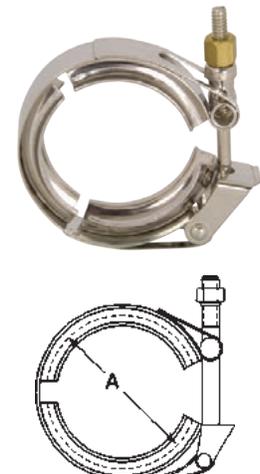
N

### T-bolt Clamps - 13MO

Tube OD	Service Pressure Rating @ 70°F <sup>2</sup>	Service Pressure Rating @ 250°F <sup>2</sup>	Dimension A	304 Stainless Steel	
				Part #	Price/E
1" - 1½"	<b>500</b>	<b>250</b>	2.080"	<b>13MO100-150</b>	<b>\$34.30</b>
2"	<b>350</b>	<b>200</b>	2.610"	<b>13MO200</b>	<b>37.70</b>
2½"	<b>300</b>	<b>150</b>	3.140"	<b>13MO250</b>	<b>46.25</b>
3"	<b>200</b>	<b>100</b>	3.670"	<b>13MO300</b>	<b>47.15</b>
4"	<b>100</b>	<b>75</b>	4.780"	<b>13MO400</b>	<b>66.10</b>
6"	<b>75</b>	<b>50</b>	6.690"	<b>13MO600</b>	<b>91.50</b>
8" <sup>1</sup>	<b>50</b>	<b>40</b>	8.690"	<b>13MO800</b>	<b>136.40</b>
10" <sup>1</sup>	<b>40</b>	<b>30</b>	10.690"	<b>13MO1000</b>	<b>172.40</b>
12" <sup>1</sup>	<b>30</b>	<b>25</b>	12.690"	<b>13MO1200</b>	<b>229.40</b>

<sup>1</sup> 2 bolt configuration

<sup>2</sup> 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 <sup>1</sup>	Dimension A	304 Stainless Steel	
			Part #	Price/E
1" - 1½"	80	2.080"	13WGC100-150	\$12.80
2"	80	2.610"	13WGC200	13.40
2½"	60	3.140"	13WGC250	16.45
3"	40	3.670"	13WGC300	17.70
4"	40	4.780"	13WGC400	21.00

<sup>1</sup> 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	\$92.25

## N

## Nuts and Bolts

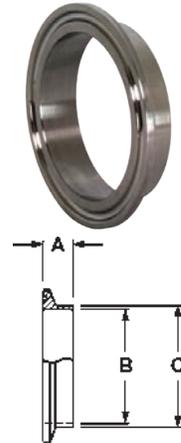


Description	Part #	Price/E
cross hole wing nut 5/16"-18	13WNX	\$11.70
mini cross hole wing nut 5/16"-18, for ½" - ¾" clamps	13WNXM	11.70
serrated wing nut 5/16"-18	13WNS	11.70
hex wing nut 5/16"-18	13WNH	7.80
bronze hex nut ⅜"-16, for bolted clamps	13BN	2.95
bolt 3/8"-16 x 2¼", for 1½" bolted clamps	13CB-2.25	9.50
bolt 3/8"-16 x 2¾", for 2" and 2½" bolted clamps	13CB-2.75	9.50
bolt 3/8"-16 x 3¼", for 3" - 12" bolted clamps	13CB-3.25	9.50
rivet pin, for ½" - 5" single pin clamps 5/16" x 1"	13RP	4.45
rivet pin, for 6" and 8" single pin clamps 5/16" x 1⅞"	13RP6	5.50
5/16"-18 x 2" threaded eye bolt, for ½" - 5" clamps	13IB	3.65
5/16"-18 x 2½" threaded eye bolt, for 6" - 12" clamps	13IB6	3.65
brass ⅜"-16 nuts, for 10" and 12" bolted clamps	13BNH	4.35
stainless steel hex nut, for bolted clamps	13SN	3.75
⅜" lockwasher 304 stainless steel, for bolted clamps	13LW	1.90

## Clamp Ferrules

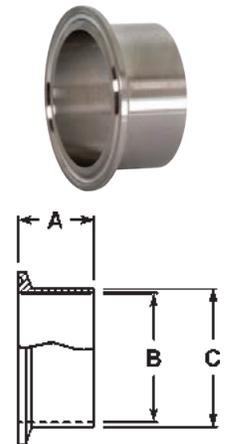
### Short Weld Ferrules - 14WMP

Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
½"	.500"	.370"	.500"	<b>14WMP-G50</b>	<b>\$7.10</b>	<b>14WMP-R50</b>	<b>\$9.20</b>
¾"	.500"	.620"	.750"	<b>14WMP-G75</b>	<b>7.10</b>	<b>14WMP-R75</b>	<b>9.20</b>
1"	.500"	.870"	1.000"	<b>14WMP-G100</b>	<b>7.30</b>	<b>14WMP-R100</b>	<b>9.30</b>
1½"	.500"	1.370"	1.500"	<b>14WMP-G150</b>	<b>7.30</b>	<b>14WMP-R150</b>	<b>9.30</b>
2"	.500"	1.870"	2.000"	<b>14WMP-G200</b>	<b>8.70</b>	<b>14WMP-R200</b>	<b>11.40</b>
2½"	.500"	2.370"	2.500"	<b>14WMP-G250</b>	<b>12.50</b>	<b>14WMP-R250</b>	<b>18.00</b>
3"	.500"	2.870"	3.000"	<b>14WMP-G300</b>	<b>16.45</b>	<b>14WMP-R300</b>	<b>21.70</b>
4"	.625"	3.834"	4.000"	<b>14WMP-G400</b>	<b>26.10</b>	<b>14WMP-R400</b>	<b>32.25</b>
5"	.750"	4.782"	5.000"	<b>14WMP-G500</b>	<b>338.75</b>	<b>14WMP-R500</b>	<b>369.80</b>
6"	.875"	5.782"	6.000"	<b>14WMP-G600</b>	<b>114.85</b>	<b>14WMP-R600</b>	<b>138.20</b>
8"	.875"	7.760"	8.000"	<b>14WMP-G800</b>	<b>143.70</b>	<b>14WMP-R800</b>	<b>234.15</b>
10"	.875"	9.782"	10.000"	<b>14WMP-G1000</b>	<b>356.55</b>	<b>14WMP-R1000</b>	<b>457.50</b>
12"	.875"	11.760"	12.000"	<b>14WMP-G1200</b>	<b>559.45</b>	<b>14WMP-R1200</b>	<b>760.55</b>



### 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"	<b>L14AM7-G50</b>	<b>\$9.40</b>	<b>L14AM7-R50</b>	<b>\$12.05</b>
¾"	1.125"	.620"	.750"	<b>L14AM7-G75</b>	<b>9.40</b>	<b>L14AM7-R75</b>	<b>12.05</b>
1"	1.125"	.870"	1.000"	<b>L14AM7-G100</b>	<b>10.50</b>	<b>L14AM7-R100</b>	<b>13.80</b>
1½"	1.125"	1.370"	1.500"	<b>L14AM7-G150</b>	<b>10.50</b>	<b>L14AM7-R150</b>	<b>13.80</b>
2"	1.125"	1.870"	2.000"	<b>L14AM7-G200</b>	<b>13.20</b>	<b>L14AM7-R200</b>	<b>17.15</b>
2½"	1.125"	2.370"	2.500"	<b>L14AM7-G250</b>	<b>16.80</b>	<b>L14AM7-R250</b>	<b>25.80</b>
3"	1.125"	2.870"	3.000"	<b>L14AM7-G300</b>	<b>22.00</b>	<b>L14AM7-R300</b>	<b>31.00</b>
4"	1.125"	3.834"	4.000"	<b>L14AM7-G400</b>	<b>31.10</b>	<b>L14AM7-R400</b>	<b>41.65</b>
6"	1.500"	5.782"	6.000"	<b>L14AM7-G600</b>	<b>192.75</b>	<b>L14AM7-R600</b>	<b>221.60</b>
8"	1.500"	7.760"	8.000"	<b>L14AM7-G800</b>	<b>257.05</b>	<b>L14AM7-R800</b>	<b>459.20</b>
10"	1.750"	9.782"	10.000"	<b>L14AM7-G1000</b>	<b>542.85</b>	<b>L14AM7-R1000</b>	<b>751.55</b>
12"	1.750"	11.760"	12.000"	<b>L14AM7-G1200</b>	<b>829.65</b>	<b>L14AM7-R1200</b>	<b>993.80</b>

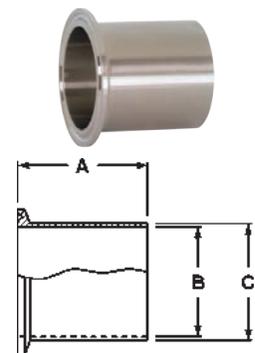


### Automatic Weld Ferrules - TL14AM7

**Specification:**

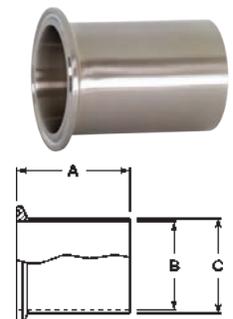
- meets ASME BPE-2012 specifications

Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
½"	1.750"	.370"	.500"	<b>TL14AM7-050PL</b>	<b>\$20.35</b>
¾"	1.750"	.620"	.750"	<b>TL14AM7-075PL</b>	<b>20.35</b>
1"	1.750"	.870"	1.000"	<b>TL14AM7-100PL</b>	<b>25.35</b>
1½"	1.750"	1.370"	1.500"	<b>TL14AM7-150PL</b>	<b>27.15</b>
2"	2.250"	1.870"	2.000"	<b>TL14AM7-200PL</b>	<b>35.85</b>
3"	2.250"	2.870"	3.000"	<b>TL14AM7-300PL</b>	<b>68.90</b>
4"	2.250"	3.834"	4.000"	<b>TL14AM7-400PL</b>	<b>132.70</b>



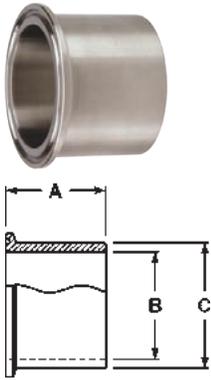
### Tank Weld Ferrules (light duty) - 14WLMP

Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
1"	3.000"	.870"	1.000"	<b>14WLMP-G100</b>	<b>\$31.40</b>	<b>14WLMP-R100</b>	<b>\$86.70</b>
1½"	3.000"	1.370"	1.500"	<b>14WLMP-G150</b>	<b>31.40</b>	<b>14WLMP-R150</b>	<b>86.70</b>
2"	3.000"	1.870"	2.000"	<b>14WLMP-G200</b>	<b>37.15</b>	<b>14WLMP-R200</b>	<b>105.90</b>
2½"	3.000"	2.370"	2.500"	<b>14WLMP-G250</b>	<b>54.35</b>	<b>14WLMP-R250</b>	<b>150.45</b>
3"	4.000"	2.870"	3.000"	<b>14WLMP-G300</b>	<b>65.00</b>	<b>14WLMP-R300</b>	<b>200.00</b>
4"	4.000"	3.834"	4.000"	<b>14WLMP-G400</b>	<b>106.10</b>	<b>14WLMP-R400</b>	<b>300.20</b>
6"	6.000"	5.782"	6.000"	<b>14WLMP-G600</b>	<b>391.80</b>	<b>14WLMP-R600</b>	<b>607.60</b>



## Clamp Ferrules

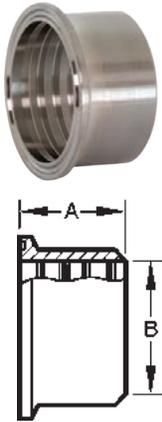
## 3 Tank Weld Ferrules (heavy duty) - 14MPW



## Specification:

- certified ASME materials

Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
½"	1.625"	.321"	.502"	<b>14MPW-R50</b>	<b>\$57.50</b>
¾"	1.625"	.574"	.750"	<b>14MPW-R75</b>	<b>57.50</b>
1"	1.625"	.870"	1.160"	<b>14MPW-R100</b>	<b>35.05</b>
1½"	1.625"	1.370"	1.676"	<b>14MPW-R150</b>	<b>35.05</b>
2"	1.750"	1.870"	2.192"	<b>14MPW-R200</b>	<b>44.55</b>
2½"	1.750"	2.370"	2.708"	<b>14MPW-R250</b>	<b>62.40</b>
3"	1.813"	2.870"	3.224"	<b>14MPW-R300</b>	<b>81.30</b>
4"	2.125"	3.834"	4.256"	<b>14MPW-R400</b>	<b>147.05</b>
6"	2.500"	5.758"	6.192"	<b>14MPW-R600</b>	<b>768.25</b>

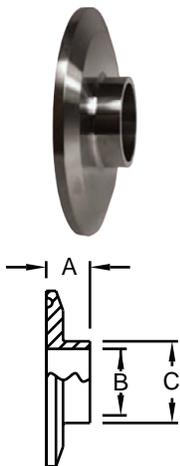
3<sup>1</sup> Roll-on Ferrules for Expanding - 14RMP

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	.750"	1.005"	<b>14RMP-G100</b>	<b>\$12.65</b>	<b>14RMP-R100</b>	<b>\$38.55</b>
1½"	1.125"	1.505"	<b>14RMP-G150</b>	<b>16.05</b>	<b>14RMP-R150</b>	<b>24.35</b>
2"	1.312"	2.005"	<b>14RMP-G200</b>	<b>21.10</b>	<b>14RMP-R200</b>	<b>36.80</b>
2½"	1.375"	2.505"	<b>14RMP-G250</b>	<b>28.30</b>	<b>14RMP-R250</b>	<b>111.15</b>
3"	1.437"	3.005"	<b>14RMP-G300</b>	<b>33.45</b>	<b>14RMP-R300</b>	<b>98.55</b>
4"	1.500"	4.005"	<b>14RMP-G400</b>	<b>35.25</b>	<b>14RMP-R400</b>	<b>192.30</b>

<sup>1</sup> Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

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## 3 Reducing Ferrules - B31WMP



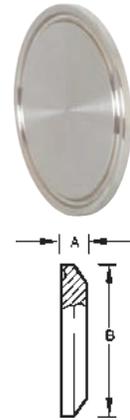
Tube OD	Dimensions			304 Stainless Steel	
	A	B	C	Part #	Price/E
2" x 1"	.500"	.870"	1.000"	<b>B31WMP-G200100</b>	<b>\$143.90</b>
2½" x 1½"	.500"	1.370"	1.500"	<b>B31WMP-G250150</b>	<b>287.00</b>
2½" x 2"	.500"	1.870"	2.000"	<b>B31WMP-G250200</b>	<b>260.60</b>
3" x 2"	.500"	1.870"	2.000"	<b>B31WMP-G300200</b>	<b>314.10</b>
4" x 3"	.625"	2.870"	3.000"	<b>B31WMP-G400300</b>	<b>603.35</b>

## Clamp Caps

Solid End Caps - 16AMP 

- Specify if you are using a piping system or a tubing system when ordering.

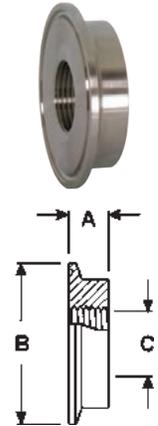
Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1/2" - 3/4"	.187"	.992"	<b>16AMP-G50-75</b>	<b>\$5.75</b>	<b>16AMP-R50-75</b>	<b>\$8.45</b>
1" - 1 1/2"	.250"	1.984"	<b>16AMP-G100-150</b>	<b>7.90</b>	<b>16AMP-R100-150</b>	<b>9.65</b>
2"	.250"	2.516"	<b>16AMP-G200</b>	<b>8.80</b>	<b>16AMP-R200</b>	<b>12.50</b>
2 1/2"	.250"	3.047"	<b>16AMP-G250</b>	<b>13.15</b>	<b>16AMP-R250</b>	<b>18.50</b>
3"	.250"	3.579"	<b>16AMP-G300</b>	<b>18.05</b>	<b>16AMP-R300</b>	<b>24.45</b>
4"	.312"	4.682"	<b>16AMP-G400</b>	<b>33.50</b>	<b>16AMP-R400</b>	<b>46.95</b>
5"	.312"	5.687"	<b>16AMP-G500</b>	<b>537.10</b>	<b>16AMP-R500</b>	<b>610.15</b>
6"	.437"	6.570"	<b>16AMP-G600</b>	<b>128.70</b>	<b>16AMP-R600</b>	<b>158.85</b>
8"	.437"	8.570"	<b>16AMP-G800</b>	<b>303.30</b>	<b>16AMP-R800</b>	<b>355.55</b>
10"	.437"	10.570"	<b>16AMP-G1000</b>	<b>461.55</b>	<b>16AMP-R1000</b>	<b>906.05</b>
12"	.437"	12.750"	<b>16AMP-G1200</b>	<b>638.75</b>	<b>16AMP-R1200</b>	<b>1227.55</b>



## Thermometer Caps - B23BMP

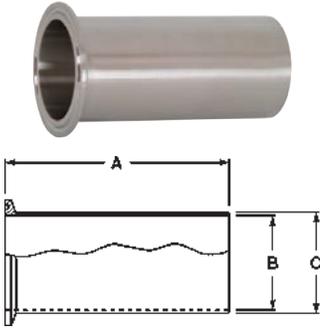
Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C <sup>1</sup>	Part #	Price/E	Part #	Price/E
1/2"	.500"	.993"	1/4" NPT	---	---	<b>B23BMP-R5014</b>	<b>\$205.75</b>
3/4"	.500"	.993"	1/4" NPT	---	---	<b>B23BMP-R7514</b>	<b>245.85</b>
1"	.625"	1.984"	1/2" NPT	<b>B23BMP-G100</b>	<b>\$40.55</b>	<b>B23BMP-R100</b>	<b>51.45</b>
1 1/2"	.625"	1.984"	3/4" NPT	<b>B23BMP-G150</b>	<b>33.00</b>	<b>B23BMP-R150</b>	<b>51.45</b>
2"	.625"	2.516"	3/4" NPT	<b>B23BMP-G200</b>	<b>53.35</b>	<b>B23BMP-R200</b>	<b>68.25</b>
2 1/2"	.625"	3.047"	3/4" NPT	<b>B23BMP-G250</b>	<b>69.80</b>	<b>B23BMP-R250</b>	<b>110.70</b>
3"	.625"	3.579"	3/4" NPT	<b>B23BMP-G300</b>	<b>91.85</b>	<b>B23BMP-R300</b>	<b>118.70</b>
4"	.625"	4.682"	3/4" NPT	<b>B23BMP-G400</b>	<b>138.50</b>	<b>B23BMP-R400</b>	<b>183.65</b>

<sup>1</sup> other NPT tap sizes available, call Dixon™



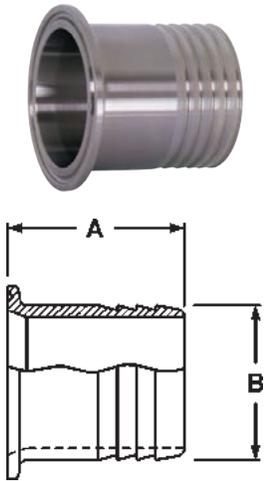
## Clamp Adapters

## Tygon® Hose Adapters - 14MPHT



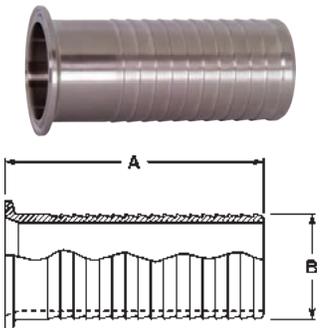
Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
¾"	4.000"	.620"	.750"	<b>14MPHT-R75</b>	<b>\$192.70</b>
1"	4.500"	.870"	1.000"	<b>14MPHT-R100</b>	<b>65.70</b>
1½"	4.500"	1.370"	1.500"	<b>14MPHT-R150</b>	<b>65.70</b>
2"	4.500"	1.870"	2.000"	<b>14MPHT-R200</b>	<b>72.25</b>
2½"	4.500"	2.370"	2.500"	<b>14MPHT-R250</b>	<b>96.30</b>
3"	4.500"	2.870"	3.000"	<b>14MPHT-R300</b>	<b>120.15</b>
4"	4.625"	3.834"	4.000"	<b>14MPHT-R400</b>	<b>192.65</b>

## 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"	---	---	<b>14MPHR-R5025</b>	<b>124.80</b>
½"	½"	1.500"	.500"	---	---	<b>14MPHR-R50</b>	<b>92.00</b>
½"	¾"	1.500"	.750"	---	---	<b>14MPHR-R5075</b>	<b>124.80</b>
¾"	¼"	1.500"	.250"	---	---	<b>14MPHR-R7525</b>	<b>102.90</b>
¾"	⅜"	1.500"	.375"	---	---	<b>14MPHR-R75375</b>	<b>102.90</b>
¾"	½"	1.500"	.500"	---	---	<b>14MPHR-R7550</b>	<b>102.90</b>
¾"	¾"	1.500"	.750"	---	---	<b>14MPHR-R75</b>	<b>96.20</b>
1"	⅜"	1.500"	.375"	---	---	<b>14MPHR-R100375</b>	<b>186.90</b>
1"	½"	1.500"	.500"	---	---	<b>14MPHR-R10050</b>	<b>190.70</b>
1"	¾"	1.688"	.750"	<b>14MPHR-G10075</b>	<b>\$162.10</b>	<b>14MPHR-R10075</b>	<b>237.40</b>
1"	1"	1.688"	1.000"	<b>14MPHR-G100</b>	<b>38.95</b>	<b>14MPHR-R100</b>	<b>156.85</b>
1½"	½"	1.500"	.500"	<b>14MPHR-G15050</b>	<b>111.95</b>	<b>14MPHR-R15050</b>	<b>196.50</b>
1½"	⅝"	1.500"	.625"	---	---	<b>14MPHR-R150625</b>	<b>208.80</b>
1½"	¾"	1.500"	.750"	<b>14MPHR-G15075</b>	<b>111.95</b>	<b>14MPHR-R15075</b>	<b>196.50</b>
1½"	1"	1.687"	1.000"	<b>14MPHR-G150100</b>	<b>105.25</b>	<b>14MPHR-R150100</b>	<b>165.45</b>
1½"	1½"	1.689"	1.500"	<b>14MPHR-G150</b>	<b>45.80</b>	<b>14MPHR-R150</b>	<b>132.60</b>
2"	1½"	2.312"	1.500"	<b>14MPHR-G200150</b>	<b>204.15</b>	<b>14MPHR-R200150</b>	<b>281.00</b>
2"	2"	2.312"	2.000"	<b>14MPHR-G200</b>	<b>61.55</b>	<b>14MPHR-R200</b>	<b>152.30</b>
2½"	2"	2.344"	2.500"	<b>14MPHR-G250</b>	<b>90.20</b>	<b>14MPHR-R250</b>	<b>257.35</b>
3"	3"	3.094"	3.000"	<b>14MPHR-G300</b>	<b>106.70</b>	<b>14MPHR-R300</b>	<b>306.35</b>
4"	4"	3.406"	4.000"	<b>14MPHR-G400</b>	<b>152.40</b>	<b>14MPHR-R400</b>	<b>637.75</b>
6"	6"	3.406"	6.000"	<b>14MPHR-G600</b>	<b>1232.65</b>	<b>14MPHR-R600</b>	<b>1848.60</b>

## 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"	<b>14MPHRL100</b>	<b>\$57.95</b>
1½"	5.000"	1.545"	<b>14MPHRL150</b>	<b>65.70</b>
2"	5.000"	2.045"	<b>14MPHRL200</b>	<b>84.05</b>
2½"	5.500"	2.545"	<b>14MPHRL250</b>	<b>102.65</b>
3"	5.500"	3.045"	<b>14MPHRL300</b>	<b>135.10</b>
4"	5.500"	4.045"	<b>14MPHRL400</b>	<b>187.65</b>

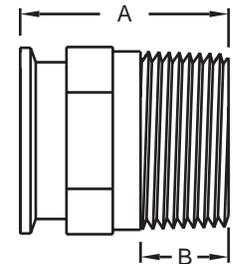


Use of PVC tubing requires special installation techniques to prevent leakage. All assembly work must be done with heated tube. Cold durometer is 90 as opposed to rubber hose at 65 to 70 durometer. Banding buckles must be at 180° from one another.

## Clamp Adapters

### Clamp x Male NPT Adapters - 21MP

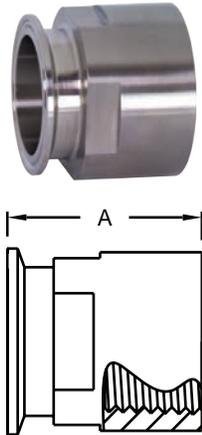
Tube OD	NPT Size	Dimensions		304 Stainless Steel		316L Stainless Steel	
		A	B	Part #	Price/E	Part #	Price/E
1/2"	1/4"	2.000"	.595"	---	---	<b>21MP-R5025</b>	<b>\$87.80</b>
1/2"	3/8"	2.000"	.600"	---	---	<b>21MP-R50375</b>	<b>87.80</b>
1/2"	1/2"	1.625"	.782"	---	---	<b>21MP-R50</b>	<b>75.40</b>
1/2"	3/4"	2.000"	.794"	---	---	<b>21MP-R5075</b>	<b>107.05</b>
3/4"	1/4"	2.000"	.595"	---	---	<b>21MP-R7525</b>	<b>97.55</b>
3/4"	3/8"	2.000"	.600"	---	---	<b>21MP-R75375</b>	<b>154.85</b>
3/4"	1/2"	2.000"	.782"	---	---	<b>21MP-R7550</b>	<b>97.55</b>
3/4"	3/4"	1.787"	.794"	---	---	<b>21MP-R75</b>	<b>63.90</b>
1"	1/2"	2.187"	.782"	<b>21MP-G10050</b>	<b>\$135.30</b>	<b>21MP-R10050</b>	<b>148.15</b>
1"	3/4"	2.187"	.794"	<b>21MP-G10075</b>	<b>93.60</b>	<b>21MP-R10075</b>	<b>148.15</b>
1"	1"	2.250"	.985"	<b>21MP-G100</b>	<b>90.25</b>	<b>21MP-R100</b>	<b>105.70</b>
1"	1 1/4"	2.438"	1.009"	<b>21MP-G100125</b>	<b>196.20</b>	<b>21MP-R100125</b>	<b>212.55</b>
1"	1 1/2"	2.438"	1.025"	<b>21MP-G100150</b>	<b>186.70</b>	<b>21MP-R100150</b>	<b>212.85</b>
1"	2"	2.625"	1.058"	<b>21MP-G100200</b>	<b>310.85</b>	<b>21MP-R100200</b>	<b>544.60</b>
1 1/2"	3/8"	2.187"	.600"	<b>21MP-G150375</b>	<b>182.75</b>	<b>21MP-R150375</b>	<b>228.70</b>
1 1/2"	1/2"	2.187"	.782"	<b>21MP-G15050</b>	<b>144.70</b>	<b>21MP-R15050</b>	<b>166.55</b>
1 1/2"	3/4"	2.187"	.794"	<b>21MP-G15075</b>	<b>150.90</b>	<b>21MP-R15075</b>	<b>172.80</b>
1 1/2"	1"	2.437"	.985"	<b>21MP-G150100</b>	<b>93.15</b>	<b>21MP-R150100</b>	<b>102.05</b>
1 1/2"	1 1/4"	2.438"	1.009"	<b>21MP-G150125</b>	<b>164.50</b>	<b>21MP-R150125</b>	<b>179.65</b>
1 1/2"	1 1/2"	2.250"	1.025"	<b>21MP-G150</b>	<b>89.35</b>	<b>21MP-R150</b>	<b>104.25</b>
1 1/2"	2"	2.625"	1.058"	<b>21MP-G150200</b>	<b>207.75</b>	<b>21MP-R150200</b>	<b>341.25</b>
2"	1/2"	2.188"	.782"	<b>21MP-G20050</b>	<b>347.00</b>	<b>21MP-R20050</b>	<b>441.90</b>
2"	3/4"	2.188"	.794"	<b>21MP-G20075</b>	<b>290.95</b>	<b>21MP-R20075</b>	<b>375.85</b>
2"	1"	2.469"	.985"	<b>21MP-G200100</b>	<b>226.55</b>	<b>21MP-R200100</b>	<b>274.35</b>
2"	1 1/2"	2.625"	1.009"	<b>21MP-G200150</b>	<b>107.20</b>	<b>21MP-R200150</b>	<b>146.30</b>
2"	2"	2.638"	1.058"	<b>21MP-G200</b>	<b>107.90</b>	<b>21MP-R200</b>	<b>153.45</b>
2 1/2"	1/2"	2.781"	.782"	<b>21MP-G25050</b>	<b>643.20</b>	---	---
2 1/2"	1"	2.781"	.782"	<b>21MP-G250100</b>	<b>495.90</b>	<b>21MP-R250100</b>	<b>695.90</b>
2 1/2"	1 1/2"	2.781"	1.025"	<b>21MP-G250150</b>	<b>381.40</b>	<b>21MP-R250150</b>	<b>455.55</b>
2 1/2"	2"	2.781"	1.058"	<b>21MP-G250200</b>	<b>337.65</b>	<b>21MP-R250200</b>	<b>409.75</b>
2 1/2"	2 1/2"	2.875"	1.571"	<b>21MP-G250</b>	<b>207.90</b>	<b>21MP-R250</b>	<b>430.60</b>
3"	1 1/2"	3.000"	1.009"	<b>21MP-G300150</b>	<b>572.20</b>	<b>21MP-R300150</b>	<b>694.55</b>
3"	2"	3.000"	1.058"	<b>21MP-G300200</b>	<b>572.20</b>	<b>21MP-R300200</b>	<b>694.55</b>
3"	3"	3.070"	1.634"	<b>21MP-G300</b>	<b>186.55</b>	<b>21MP-R300</b>	<b>269.15</b>
4"	4"	3.155"	1.734"	<b>21MP-G400</b>	<b>278.90</b>	<b>21MP-R400</b>	<b>606.30</b>



See pages 829-834 for pipe thread data.

## 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"	---	---	<b>22MP-R5025</b>	<b>\$68.05</b>
1/2"	3/8"	1.500"	---	---	<b>22MP-R50375</b>	<b>187.25</b>
1/2"	1/2"	1.500"	---	---	<b>22MP-R50</b>	<b>75.00</b>
1/2"	3/4"	1.500"	---	---	<b>22MP-R5075</b>	<b>187.25</b>
3/4"	1/4"	1.500"	---	---	<b>22MP-R7525</b>	<b>197.65</b>
3/4"	1/2"	1.625"	---	---	<b>22MP-R7550</b>	<b>148.85</b>
3/4"	3/4"	1.625"	---	---	<b>22MP-R75</b>	<b>73.55</b>
1"	1/4"	1.625"	---	---	<b>22MP-R10025</b>	<b>249.70</b>
1"	1/2"	1.625"	<b>22MP-G10050</b>	<b>\$207.75</b>	<b>22MP-R10050</b>	<b>223.85</b>
1"	3/4"	1.625"	<b>22MP-G10075</b>	<b>207.75</b>	<b>22MP-R10075</b>	<b>223.85</b>
1"	1"	1.625"	<b>22MP-G100</b>	<b>86.35</b>	<b>22MP-R100</b>	<b>114.70</b>
1"	1 1/4"	1.625"	---	---	<b>22MP-R100125</b>	<b>376.65</b>
1 1/2"	1/2"	1.625"	<b>22MP-G15050</b>	<b>218.60</b>	<b>22MP-R15050</b>	<b>231.30</b>
1 1/2"	3/4"	1.625"	<b>22MP-G15075</b>	<b>163.95</b>	<b>22MP-R15075</b>	<b>231.30</b>
1 1/2"	1"	2.250"	<b>22MP-G150100</b>	<b>80.55</b>	<b>22MP-R150100</b>	<b>98.40</b>
1 1/2"	1 1/2"	2.250"	<b>22MP-G150</b>	<b>90.10</b>	<b>22MP-R150</b>	<b>120.95</b>
1 1/2"	2"	2.500"	<b>22MP-G150200</b>	<b>282.20</b>	<b>22MP-R150200</b>	<b>334.05</b>
2"	1"	1.687"	<b>22MP-G200100</b>	<b>368.30</b>	<b>22MP-R200100</b>	<b>373.25</b>
2"	1 1/2"	2.344"	<b>22MP-G200150</b>	<b>113.00</b>	<b>22MP-R200150</b>	<b>341.50</b>
2"	2"	2.406"	<b>22MP-G200</b>	<b>113.15</b>	<b>22MP-R200</b>	<b>150.90</b>
2"	2 1/2"	2.406"	<b>22MP-G200250</b>	<b>373.25</b>	---	---
2 1/2"	2"	2.093"	<b>22MP-G250200</b>	<b>566.70</b>	<b>22MP-R250200</b>	<b>578.90</b>
2 1/2"	2 1/2"	2.187"	<b>22MP-G250</b>	<b>264.05</b>	<b>22MP-R250</b>	<b>395.35</b>
3"	2"	2.187"	<b>22MP-G300200</b>	<b>622.85</b>	<b>22MP-R300200</b>	<b>936.00</b>
3"	2 1/2"	2.187"	<b>22MP-G300250</b>	<b>641.50</b>	---	---
3"	3"	2.187"	<b>22MP-G300</b>	<b>185.10</b>	<b>22MP-R300</b>	<b>278.85</b>
4"	4"	3.652"	<b>22MP-G400</b>	<b>322.60</b>	<b>22MP-R400</b>	<b>669.70</b>

See pages 829-834 for pipe thread data.

## Transition Fittings <sup>1</sup>

### Cam and Groove Adapter x Clamp End



Size	316 Stainless Steel Part #	Price/E
1 1/2"	<b>RE150SE</b>	<b>\$162.75</b>
2"	<b>RE200SE</b>	<b>180.00</b>
3"	<b>RE300SE</b>	<b>378.00</b>

### Cam and Groove Coupler x Clamp End



Size	316 Stainless Steel Part #	Price/E
1 1/2"	<b>RC150SE</b>	<b>\$270.00</b>
2"	<b>RC200SE</b>	<b>310.50</b>
3"	<b>RC300SE</b>	<b>490.00</b>

<sup>1</sup> for all other cam and groove options see section C

## Dixon™ Weld to Tube Cam and Groove <sup>1</sup>

### 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"	<b>RE100BT</b>	<b>\$130.00</b>
1 1/2"	<b>RE150BT</b>	<b>147.30</b>
2"	<b>RE200BT</b>	<b>169.15</b>
3"	<b>RE300BT</b>	<b>357.00</b>

### Boss-Lock Coupler x Weld to Tube End



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

<sup>1</sup> for all other cam and groove options see section C

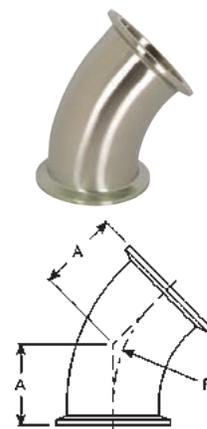
## Clamp Elbows

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>	\$98.05
¾"	1.625"	1.125"	---	---	<i>B2CMP-R75</i>	112.70
1"	2.000"	1.500"	<i>B2CMP-G100</i>	\$46.40	<i>B2CMP-R100</i>	59.95
1½"	2.750"	2.250"	<i>B2CMP-G150</i>	48.00	<i>B2CMP-R150</i>	64.35
2"	3.500"	3.000"	<i>B2CMP-G200</i>	63.50	<i>B2CMP-R200</i>	85.10
2½"	4.250"	3.750"	<i>B2CMP-G250</i>	86.25	<i>B2CMP-R250</i>	121.40
3"	5.000"	4.500"	<i>B2CMP-G300</i>	122.15	<i>B2CMP-R300</i>	168.80
4"	6.625"	6.000"	<i>B2CMP-G400</i>	206.45	<i>B2CMP-R400</i>	255.05
6"	9.875"	9.000"	<i>B2CMP-G600</i>	690.15	<i>B2CMP-R600</i>	849.20

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>	\$102.30
¾"	.966"	1.125"	---	---	<i>B2KMP-R75</i>	125.45
1"	1.125"	1.500"	<i>B2KMP-G100</i>	\$40.95	<i>B2KMP-R100</i>	54.35
1½"	1.437"	2.250"	<i>B2KMP-G150</i>	44.15	<i>B2KMP-R150</i>	59.70
2"	1.750"	3.000"	<i>B2KMP-G200</i>	62.20	<i>B2KMP-R200</i>	77.45
2½"	2.062"	3.750"	<i>B2KMP-G250</i>	84.40	<i>B2KMP-R250</i>	111.65
3"	2.375"	4.500"	<i>B2KMP-G300</i>	114.20	<i>B2KMP-R300</i>	145.80
4"	3.125"	6.000"	<i>B2KMP-G400</i>	186.50	<i>B2KMP-R400</i>	236.00
6"	4.625"	9.000"	<i>B2KMP-G600</i>	703.65	<i>B2KMP-R600</i>	1006.60

90° Clamp x Plain Bevel Seat with Hex Nut Elbows - *B2FMP-14* 

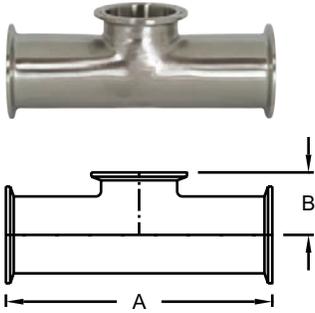
Tube OD	Dimensions		304 Stainless Steel	
	A	B	Part #	Price/E
2"	3.750"	3.500"	<i>B2FMP-14-G200</i>	\$225.25
2½"	4.625"	4.250"	<i>B2FMP-14-G250</i>	287.00
3"	5.406"	5.000"	<i>B2FMP-14-G300</i>	400.70



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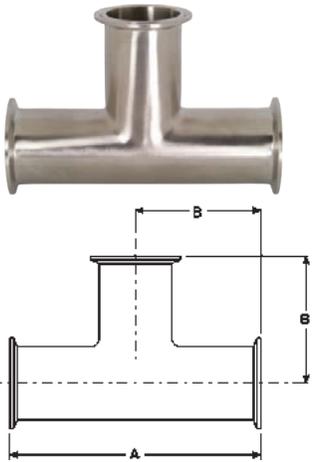
## Clamp Tees

## 3 Short Outlet Clamp Tees - B7MPS



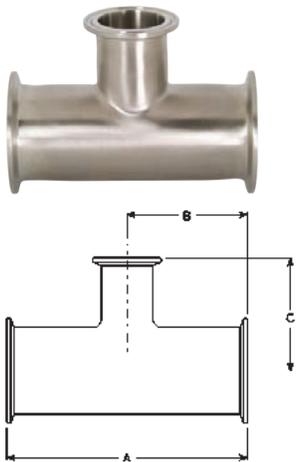
Tube OD	Dimensions		316L Stainless Steel	
	A	B	Part #	Price/E
1½"	5.500"	1.375"	<b>B7MPS-R150</b>	<b>\$281.40</b>
2"	7.000"	1.625"	<b>B7MPS-R200</b>	<b>325.50</b>
2½"	7.000"	1.875"	<b>B7MPS-R250</b>	<b>348.95</b>

## 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"	---	---	<b>B7MP-R50</b>	<b>\$168.70</b>
¾"	5.000"	2.500"	---	---	<b>B7MP-R75</b>	<b>149.25</b>
1"	4.750"	2.375"	<b>B7MP-G100</b>	<b>\$73.95</b>	<b>B7MP-R100</b>	<b>119.55</b>
1½"	5.500"	2.750"	<b>B7MP-G150</b>	<b>84.75</b>	<b>B7MP-R150</b>	<b>117.40</b>
2"	7.000"	3.500"	<b>B7MP-G200</b>	<b>105.00</b>	<b>B7MP-R200</b>	<b>136.30</b>
2½"	7.000"	3.500"	<b>B7MP-G250</b>	<b>134.10</b>	<b>B7MP-R250</b>	<b>182.80</b>
3"	7.500"	3.750"	<b>B7MP-G300</b>	<b>181.90</b>	<b>B7MP-R300</b>	<b>255.00</b>
4"	9.000"	4.500"	<b>B7MP-G400</b>	<b>249.55</b>	<b>B7MP-R400</b>	<b>343.25</b>
6"	13.000"	6.500"	<b>B7MP-G600</b>	<b>1205.50</b>	<b>B7MP-R600</b>	<b>1448.05</b>
8"	15.750"	7.875"	<b>B7MP-G800</b>	<b>2181.95</b>	<b>B7MP-R800</b>	<b>3551.45</b>

## 3 Clamp Reducing Tees - B7RMP



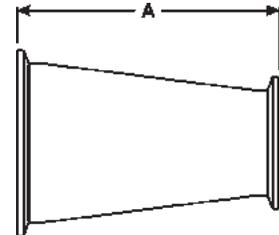
Tube OD	Dimensions			304 Stainless Steel		316L Stainless Steel	
	A	B	C	Part #	Price/E	Part #	Price/E
1" x ¾"	5.250"	2.625"	2.625"	---	---	<b>B7RMP-R10075</b>	<b>\$227.75</b>
1½" x ½"	5.750"	2.875"	2.875"	---	---	<b>B7RMP-R15050</b>	<b>232.10</b>
1½" x 1"	4.312"	2.156"	1.875"	---	---	<b>B7RMP-R150100</b>	<b>179.15</b>
2" x ½"	6.750"	3.375"	3.125"	---	---	<b>B7RMP-R20050</b>	<b>702.90</b>
2" x ¾"	6.750"	3.375"	3.125"	---	---	<b>B7RMP-R20075</b>	<b>739.15</b>
2" x 1"	5.125"	2.562"	2.125"	<b>B7RMP-G200100</b>	<b>\$210.45</b>	<b>B7RMP-R200100</b>	<b>216.50</b>
2" x 1½"	5.125"	2.562"	2.406"	<b>B7RMP-G200150</b>	<b>171.10</b>	<b>B7RMP-R200150</b>	<b>235.05</b>
2½" x 1½"	5.688"	2.844"	2.812"	<b>B7RMP-G250150</b>	<b>226.30</b>	<b>B7RMP-R250150</b>	<b>316.15</b>
2½" x 2"	5.688"	2.844"	2.812"	<b>B7RMP-G250200</b>	<b>202.70</b>	<b>B7RMP-R250200</b>	<b>242.95</b>
3" x 1½"	6.188"	3.093"	2.906"	<b>B7RMP-G300150</b>	<b>277.50</b>	<b>B7RMP-R300150</b>	<b>427.80</b>
3" x 2"	6.188"	3.093"	3.063"	<b>B7RMP-G300200</b>	<b>234.15</b>	<b>B7RMP-R300200</b>	<b>350.35</b>
4" x 1½"	8.125"	4.063"	3.406"	<b>B7RMP-G400150</b>	<b>373.85</b>	---	---
4" x 2"	8.125"	4.063"	3.563"	<b>B7RMP-G400200</b>	<b>366.55</b>	---	---

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## Clamp Reducers

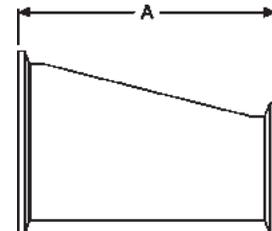
### Clamp Concentric Reducers - B3114MP

Tube OD	Dimension A	304 Stainless Steel		316L Stainless Steel	
		Part #	Price/E	Part #	Price/E
1" x 1/2"	3.000"	---	---	<b>B3114MP-R10050</b>	<b>\$226.70</b>
1" x 3/4"	2.000"	---	---	<b>B3114MP-R10075</b>	<b>193.95</b>
1 1/2" x 1/2"	5.000"	---	---	<b>B3114MP-R15050</b>	<b>292.70</b>
1 1/2" x 3/4"	4.000"	---	---	<b>B3114MP-R15075</b>	<b>292.60</b>
1 1/2" x 1"	3.000"	<b>B3114MP-G150100</b>	<b>\$77.15</b>	<b>B3114MP-R150100</b>	<b>84.40</b>
2" x 3/4"	6.000"	---	---	<b>B3114MP-R20075</b>	<b>476.95</b>
2" x 1"	5.000"	<b>B3114MP-G200100</b>	<b>105.75</b>	<b>B3114MP-R200100</b>	<b>127.30</b>
2" x 1 1/2"	3.000"	<b>B3114MP-G200150</b>	<b>81.10</b>	<b>B3114MP-R200150</b>	<b>89.80</b>
2 1/2" x 1 1/2"	5.000"	<b>B3114MP-G250150</b>	<b>113.40</b>	<b>B3114MP-R250150</b>	<b>121.50</b>
2 1/2" x 2"	3.000"	<b>B3114MP-G250200</b>	<b>98.10</b>	<b>B3114MP-R250200</b>	<b>111.10</b>
3" x 1 1/2"	7.000"	<b>B3114MP-G300150</b>	<b>192.75</b>	<b>B3114MP-R300150</b>	<b>235.50</b>
3" x 2"	5.000"	<b>B3114MP-G300200</b>	<b>132.30</b>	<b>B3114MP-R300200</b>	<b>152.95</b>
3" x 2 1/2"	3.000"	<b>B3114MP-G300250</b>	<b>120.95</b>	<b>B3114MP-R300250</b>	<b>134.40</b>
4" x 1 1/2"	11.125"	<b>B3114MP-G400150</b>	<b>436.50</b>	<b>B3114MP-R400150</b>	<b>548.25</b>
4" x 2"	9.125"	<b>B3114MP-G400200</b>	<b>248.55</b>	<b>B3114MP-R400200</b>	<b>280.15</b>
4" x 2 1/2"	7.125"	<b>B3114MP-G400250</b>	<b>282.40</b>	<b>B3114MP-R400250</b>	<b>296.05</b>
4" x 3"	5.125"	<b>B3114MP-G400300</b>	<b>168.55</b>	<b>B3114MP-R400300</b>	<b>179.30</b>
6" x 4"	7.000"	<b>B3114MP-G600400</b>	<b>678.45</b>	---	---



### 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"	<b>B3214MP-G150100</b>	<b>\$87.15</b>	<b>B3214MP-R150100</b>	<b>\$119.10</b>
2" x 1"	5.000"	<b>B3214MP-G200100</b>	<b>205.30</b>	<b>B3214MP-R200100</b>	<b>326.30</b>
2" x 1 1/2"	3.000"	<b>B3214MP-G200150</b>	<b>99.10</b>	<b>B3214MP-R200150</b>	<b>149.10</b>
2 1/2" x 1 1/2"	5.000"	<b>B3214MP-G250150</b>	<b>122.30</b>	<b>B3214MP-R250150</b>	<b>208.60</b>
2 1/2" x 2"	3.000"	<b>B3214MP-G250200</b>	<b>115.15</b>	<b>B3214MP-R250200</b>	<b>191.45</b>
3" x 1 1/2"	7.000"	<b>B3214MP-G300150</b>	<b>222.15</b>	<b>B3214MP-R300150</b>	<b>249.75</b>
3" x 2"	5.000"	<b>B3214MP-G300200</b>	<b>160.50</b>	<b>B3214MP-R300200</b>	<b>177.05</b>
3" x 2 1/2"	3.000"	<b>B3214MP-G300250</b>	<b>194.55</b>	<b>B3214MP-R300250</b>	<b>203.30</b>
4" x 2"	9.125"	<b>B3214MP-G400200</b>	<b>307.40</b>	<b>B3214MP-R400200</b>	<b>325.45</b>
4" x 2 1/2"	7.125"	<b>B3214MP-G400250</b>	<b>299.35</b>	<b>B3214MP-R400250</b>	<b>381.05</b>
4" x 3"	5.125"	<b>B3214MP-G400300</b>	<b>218.65</b>	<b>B3214MP-R400300</b>	<b>316.85</b>
6" x 3"	6.875"	<b>B3214MP-G600300</b>	<b>943.80</b>	---	---
6" x 4"	7.000"	<b>B3214MP-G600400</b>	<b>1028.00</b>	---	---

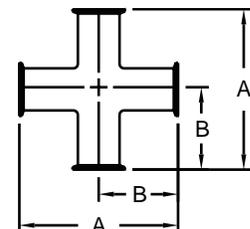


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## Clamp Crosses

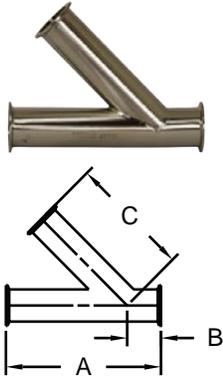
### Clamp Crosses - B9MP

Tube OD	Dimensions		304 Stainless Steel		316L Stainless Steel	
	A	B	Part #	Price/E	Part #	Price/E
1"	4.750"	2.375"	<b>B9MP-G100</b>	<b>\$281.60</b>	<b>B9MP-R100</b>	<b>\$311.75</b>
1 1/2"	5.500"	2.750"	<b>B9MP-G150</b>	<b>273.85</b>	<b>B9MP-R150</b>	<b>331.75</b>
2"	7.000"	3.500"	<b>B9MP-G200</b>	<b>297.20</b>	<b>B9MP-R200</b>	<b>382.40</b>
3"	7.500"	3.750"	<b>B9MP-G300</b>	<b>461.25</b>	<b>B9MP-R300</b>	<b>738.65</b>
4"	9.000"	4.500"	<b>B9MP-G400</b>	<b>833.65</b>	<b>B9MP-R400</b>	<b>1190.10</b>



## Miscellaneous Configurations

### Clamp Laterals - *B28AMP*



Tube OD	Dimensions			316L Stainless Steel	
	A	B	C	Part #	Price/E
1"	7.000"	1.500"	5.500"	<b>B28AMP-R100</b>	<b>\$581.65</b>
1½"	8.375"	1.688"	6.688"	<b>B28AMP-R150</b>	<b>583.10</b>
2"	9.750"	2.125"	7.625"	<b>B28AMP-R200</b>	<b>621.85</b>
3"	11.750"	2.375"	9.375"	<b>B28AMP-R300</b>	<b>935.10</b>
4"	14.062"	2.640"	11.312"	<b>B28AMP-R400</b>	<b>1690.85</b>

### Clamp True Wyes - *B28BMP*

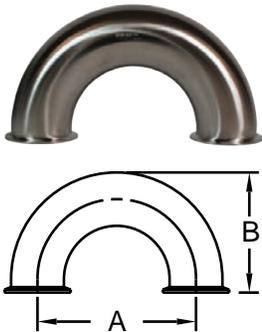


Tube OD	Dimensions		316L Stainless Steel	
	A	B	Part #	Price/E
1"	2.500"	2.938"	<b>B28BMP-R100</b>	<b>\$585.15</b>
1½"	2.500"	2.938"	<b>B28BMP-R150</b>	<b>582.85</b>
2"	3.125"	3.750"	<b>B28BMP-R200</b>	<b>621.50</b>
3"	4.500"	5.375"	<b>B28BMP-R300</b>	<b>995.45</b>
4"	6.000"	6.000"	<b>B28BMP-R400</b>	<b>1712.05</b>

### 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"	<b>B2WUMP-R100</b>	<b>\$279.20</b>
1½"	4.500"	3.500"	<b>B2WUMP-R150</b>	<b>305.15</b>
2"	6.000"	4.500"	<b>B2WUMP-R200</b>	<b>406.85</b>
3"	9.000"	6.500"	<b>B2WUMP-R300</b>	<b>711.85</b>
4"	12.000"	8.625"	<b>B2WUMP-R400</b>	<b>984.50</b>

### 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"	<b>BCC-050</b>	<b>\$1.50</b>
¾"	<b>BCC-075</b>	<b>1.50</b>
1"	<b>BCC-100</b>	<b>2.15</b>
1½"	<b>BCC-150</b>	<b>2.15</b>
2"	<b>BCC-200</b>	<b>2.80</b>
2½"	<b>BCC-250</b>	<b>3.65</b>
3"	<b>BCC-300</b>	<b>4.85</b>
4"	<b>BCC-400</b>	<b>6.35</b>
6"	<b>BCC-600</b>	<b>16.10</b>
8"	<b>BCC-800</b>	<b>29.45</b>