

D I X O N

DPL 418



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WARNING

Before purchasing Dixon® products, you should be aware and make your customers aware of certain warnings.

Such warnings are found on page 916 and the inside back cover of the catalog.

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Sanitary Fittings



Clamp fittings, weld fittings, bevel seat fittings, John Perry, Q-Line and I-line fittings, buttweld fittings, tube OD fittings, hangers, ball valves, butterfly valves, check valves



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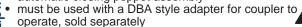
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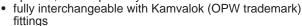


Features: automatic closing poppet assembly must be used with a DBA style adapt operate, sold separately fully interchangeable with Kam fittings maximum operating pr 1½" - 210 PSI 2" - 150 PSI 3" - 120" alumin 30"

Bayloc™ Dry Disconnects

Coupler x Female NPT





maximum operating pressure at 70°F (21°C):

aluminum fittings have stainless internals equivalent to

- 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
- EZ Boss-Lock™ cam arms, standard on all 1½" and 2" fittings, provide high security from accidental opening due to vibration or snagging
- large paddle type locking cam arms, standard on 3" fittings, allow for an easy grip
- optional coupler lock for handle to prevent unintentional

Maximum



coupler x 11/2" or 2" female NPT



coupler x 3" female NPT

1½" 2" 2½" Buna 150 DBC61-150 DBC71-150 2" 2½" Buna 150 DBC61-200 DBC71-200 3" 4" 120 DBC61-300 DBC71-300 1½" 2" 210 DBC62-150 DBC72-150 2" 2½" FKM 150 DBC62-200 DBC72-200 3" 4" 120 DBC62-300 DBC72-200 1½" 2" PTFE 210 DBC63-150 DBC73-150 2" 2½" Encapsulated 150 DBC63-200 DBC73-150 3" 4" Silicone & FFPM 120 DBC63-300 DBC73-200 1½" 2" 2" 2½" EPDM 150 DBC64-150 DBC74-150 2" 2½" EPDM 150 DBC64-200 DBC74-200 3" 4" 120 DBC64-300 DBC74-300 1½" 2" PTFE 150 DBC66-200 DBC76-300	Female NPT	Coupler Size	Seal Material	PSI at 70°F (21°C)	<i>Aluminum</i> Part #	Stainless Steel ¹ Part #
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3" 4" FKM & FFKM 120 DBC77-300	1½"	2"	PTFE	210		DBC77-150
5 4 120 22011 300	2"	2½"		150		DBC77-200
3" 4" FKM-B 120 DBC69-300 DBC79-300	3"	4"	FKM & FFKM	120		DBC77-300
	3"	4"	FKM-B	120	DBC69-300	DBC79-300

Greaseless Coupler x Female NPT



	Female NPT	Coupler Size	Seal Material	Stainless Steel ¹ Part #
•	1½" 2"	2" 2½"	PTFE Encapsulated FKM & FFKM	DBC77-150-GL DBC77-200-GL

- stainless steel corrosion resistance is equivalent to 304 stainless steel
- 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 Material	Aluminum Part #
2"	2½"	Buna	DBS61-200
2"	2½"	FKM	DBS62-200
2"	2½"	PTFE Encapsulated Silicone & FFPM	DBS63-200

Coupler Locking Kits



Couplet Looking title	
Description	Aluminum Part #
for use with 1½" and 2" dry disconnect couplers for use with 3" dry disconnect couplers	DBCL-200 DBCL-300

Note: Reference page 179 for dust plugs for couplers.



Bayloc™ Dry Disconnects

Adapter x Female NPT

Applications:

- compatible with most cam and groove style dry disconnects
- helps prevent spillage from normal or accidental disconnects
- for use in transfer of hazardous fluids

Features:

- two-piece adapter design for easy rebuilding of adapters
- fully interchangeable with Kamvalok (OPW trademark) style fittings
- for pressure ratings at other temperatures, contact Dixon®
- contact Dixon® at 800.355.1991 for chemical compatibility, size, material selection and special configurations
- spring loaded sealing device snaps closed should valve become disconnected with the poppet open

	I		Maximum		
Female	Adapter	Seal Material	PSI at	Aluminum	Stainless Steel
NPT	Size	Seal Material	70°F (21°C)	Part #	Part #
1½"	2"		210	DBA11-150	DBA71-150
2"	2½"	Duna	150	DBA11-130 DBA11-200	DBA71-130 DBA71-200
		Buna			
3"	4"		120	DBA11-300	DBA71-300
1½"	2"		210	DBA12-150	DBA72-150
2"	2½"	FKM	150	DBA12-200	DBA72-200
3"	4"		120	DBA12-300	DBA72-300
1½"	2"	PTFE	210	DBA63-150	DBA73-150
2"	2½"	Encapsulated	150	DBA63-200	DBA73-200
3"	4"	Silicone	120	DBA63-300	DBA73-300
1½"	2"		210	DBA64-150	DBA74-150
2"	2½"	EPDM	150	DBA64-200	DBA74-200
3"	4"		120	DBA64-300	DBA74-300
1½"	2"		210	DBA66-150	DBA76-150
2"	2½"	FFPM	150	DBA66-200	DBA76-200
3"	4"		120	DBA66-300	DBA76-300
1½"	2"	PTFE	210		DBA77-150
2"	2½"	Encapsulated	150		DBA77-200
3"	4"	FKM	120		DBA77-300
3"	4"	FKM-B	120	DBA69-300	



adapter x 11/2" and 2" female NPT



adapter x 3" female NPT

Jump Size Adapter x Female NPT

Female NPT	Adapter Size	Seal Material	Maximum PSI at 70°F (21°C)	<i>Aluminum</i> Part #
2"	2"	Buna	150	DBA11-1520
2"	2"	FKM	150	DBA12-1520



Adapter x 150# ASA Flange

Flange Size	Adapter Size	Seal Material	Maximum PSI at 70°F (21°C)	Stainless Steel Part #
2"	2"	FKM PTFE Encapsulated Silicone EPDM FFPM	150	DBAF72-1520 DBAF73-1520 DBAF74-1520 DBAF76-1520
2"	2½"	FKM PTFE Encapsulated Silicone EPDM FFPM	150	DBAF72-200 DBAF73-200 DBAF74-200 DBAF76-200
3"	4"	FKM PTFE Encapsulated Silicone EPDM FFPM	150	DBAF72-300 DBAF73-300 DBAF74-300 DBAF76-300



Note: Reference page 179 for dust caps for adapters

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Bayloc™ Dry Disconnect Vapor Adapter x Female NPSM



Female NPSM	Adapter Size	Seal	Max PSI at 70°F (21°C)	Stainless Steel ¹ Part #
1½"	2"	PTFE	150	DBAV73-2030

¹ stainless steel corrosion resistance is equivalent to 304 stainless steel

Note: Reference page 179 for dust caps for adapters

Cam & Groove Actuator Style Couplers

Applications:

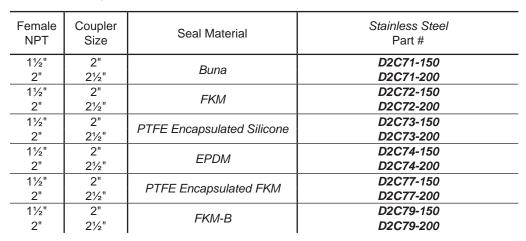
- suited for vapor recovery, suction pump line and other applications where it is necessary to easily drain the hose or pipe for cleaning
- can also be used when product retention in a hose or pipe is desired and damage from accidental spill from an open coupler is not a concern
- couplers work with the DBA poppeted adapters on page 7 in applications where automatic closure for the coupler is not desired

Materials:

- · 316 stainless steel body
- 304 stainless steel internal components
- replacement parts are available, contact Dixon® for more information



- EZ Boss-Lock[™] cam arms
- stainless steel locking lever standard
- 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





Bayonet Style Dry Disconnects

Application: • for the spill-less transfer of petroleum products such as fuel oil, lube oil blending and tank truck delivery

Features:

- · ensures a spill free connection, fluid cannot flow until couplings are connected together and valve is opened; coupling can then not be disconnected until the valve handle is closed
- swivels have a standard ZERK fittings
- maximum operating pressure: 85 PŠI @ 70°F (21°C), for pressure ratings at other temperatures contact Dixon®
- replacement parts available, contact Dixon® for more information

90° Swivel Coupler x Female NPT

Size	Seal Material	Anodized Hard Coat Aluminum Part #
2"	Buna	BS61-200
2"	FKM	BS62-200
3"	Buna	BS61-300
3"	FKM	BS62-300
	•	•



Straight Coupler x Female NPT

Size	Seal Material	Anodized Hard Coat Aluminum Part #
2"	Buna	BC61-200
2"	FKM	BC62-200



Straight Swivel Coupler x Female NPT

Size	Seal Material	Anodized Hard Coat Aluminum Part #
2"	Buna	BSS61-200
2"	FKM	BSS62-200
3"	Buna	BSS61-300
3"	FKM	BSS62-300



Dust Plugs

Size	Rubber with Stainless Steel Chain Part #
2"	BCP-200
3"	BCP-300



Adapter x Female NPT

Size	Seal Material	Stainless Steel Part #	<i>Brass</i> Part #	<i>Aluminum</i> Part #
2"	Buna	BA31-200		
2"	FKM	BA32-200		
3"	Buna		BA31-300	BA61-300
3"	FKM		BA32-300	BA62-300



Dust Caps

Size	Rubber with Stainless Steel Chain Part #
2"	BAC-200
3"	BAC-300



9





MannTek Dry Disconnect Couplings

- 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 (21°C):

aluminum: 230 PSI, up to 4"

brass/ gunmetal 1: 230 PSI, up to 4"

stainless steel: 360 PSI

- standard seal supplied: FKM
- optional seals:

EPDM

NBR - nitrile

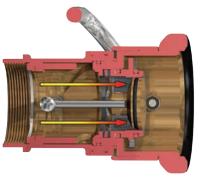
Kalrez®

Chemraz®

- seal kits are available
- interchanges with Avery Hardoll and Todo-matic®

How it Works

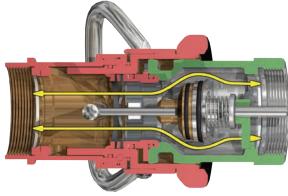
The principle of operation is identical for all sizes of couplings.





Closed:

 Turn and pull it's released - no spillage



Open:

· Push and turn it's coupled - full flow

¹ produced to US government bronze specification G

MannTek Dry Disconnect Couplers - Hose Unit

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 provide good protection against corrosion and withstand hot and cold environments

Coupler x Female NPT





¹ aluminum











Fomolo NDT	Pody Sizo	316 Stainless Steel	Aluminum	Brass / Gunmetal 1
Female NPT Body Size		Part #	Part #	Part #
3/4"	56 mm	DDC075SS	DDC075AL	DDC075BR
1"	56 mm	DDC100SS	DDC100AL	DDC100BR
1½"	70 mm	DDC150SS	DDC150AL	DDC150BR
2"	70 mm	DDC200SS	DDC200AL	DDC200BR
3"	105 mm	DDC300SS105	DDC300AL105	DDC300GM105
3"	119 mm	DDC300SS	DDC300AL	DDC300GM
4"	164 mm	DDC400SS	DDC400AL	DDC400GM
6"	238 mm	DDC600SS	DDC600AL	
4				

produced to US government bronze specification G

Coupler x 150# ASA Flange

150# Flange	Body Size	316 Stainless Steel Part #
2"	70 mm	DDC200SSFL
3"	119 mm	DDC300SSFL
4"	164 mm	DDC400SSFL
6"	238 mm	DDC600SSFL
8"	272 mm	DDC800SSFL





· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Coupler x TTMA Flange Aluminum TTMA Flange Body Size Part # 4" DDC400AL164TTMA 164 mm

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.



Dust	PI	ua	S
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		= 5.
Size	Body Size	Polyeten PE-HD 300 Part #
3/4" and 1"	56 mm	DDDP075
1½" and 2"	70 mm	DDDP150
3"	105 mm	DDDP300105
3"	119 mm	DDDP300
4"	164 mm	DDDP400
6"	238 mm	DDDP600 ¹





MannTek Dry Disconnect Adapters - Tank Unit

Application:

usually installed on the tank or manifold

Features:

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

Adapter x Female NPT



Female	Body	316 Stainless Steel	Aluminum	Brass / Gunmetal 1
NPT	Sizé	Part #	Part #	Part #
3/4"	56 mm	DDA075SS	DDA075AL	DDA075BR
1"	56 mm	DDA100SS	DDA100AL	DDA100BR
1½"	70 mm	DDA150SS	DDA150AL	DDA150BR
2"	70 mm	DDA200SS	DDA200AL	DDA200BR
3"	105 mm	DDA300SS105	DDA300AL105	DDA300GM105
3"	119 mm	DDA300SS	DDA300AL	DDA300GM
4"	164 mm	DDA400SS	DDA400AL	DDA400GM
6"	238 mm	DDA600SS	DDA600AL	

Adapter x 150# ASA Flange



150#	Body	316 Stainless Steel	Aluminum	Brass / Gunmetal ¹
Flange	Size	Part #	Part #	Part #
3/4"	56 mm	DDA075SSFL		
1"	56 mm	DDA100SSFL	DDA100ALFL	DDA100BRFL
1½"	70 mm	DDA150SSFL	DDA150ALFL	DDA150BRFL
2"	70 mm	DDA200SSFL	DDA200ALFL	DDA200BRFL
3"	105 mm	DDA300SS105FL	DDA300AL105FL	DDA300GM105FL
3"	119 mm	DDA300SSFL	DDA300ALFL	DDA300GMFL
4"	164 mm	DDA400SSFL	DDA400ALFL	DDA400GMFL
6"	238 mm	DDA600SSFL	DDA600ALFL	
8"	272 mm	DDA800SSFL		

¹ produced to US government bronze specification G

Adapter x TTMA Flange



TTMA Flange	Body Size	<i>Aluminum</i> Part #
3"	105 mm	DDA300AL105TTMA
3"	119 mm	DDA300AL119TTMA
4"	164 mm	DDA400AL164TTMA

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Adapter Weather Protector with Clamp



Size	Black Neoprene Part #	
2"	PCDVCHSS36	

Dust Caps



	•	
Size	Body Size	Polyeten PE-HD 300 Part #
3/4" and 1" 11/2" and 2" 3" 3" 4" 6"	56 mm 70 mm 105 mm 119 mm 164 mm 238 mm	DDDC075 DDDC150 DDDC300105 DDDC300 DDDC400 DDDC600 ¹

¹ 6" dust cap is aluminum

Note: Reference page 14 for rubber dust caps.

[·] For flange dimensions, diagrams and additional information please reference dixonvalve.com.



MannTek Dry Disconnects 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
- EPDM 291 seal
- unintentional separation is eliminated preventing accidents and avoiding unintended down time
- · performance unaffected by surface rust
- lockable versions are available on 1½" and 2", contact Dixon®
- · couplers supplied with double handles
- 150 PSI at 350°F (177°C)



Coupler x Female NPT

Female NPT	Body Size	316 Stainless Steel Part #
3/4"	56 mm	DDSC075SS
1"	56 mm	DDSC100SS
1½"	70 mm	DDSC150SS
2"	70 mm	DDSC200SS



Adapter x Female NPT

Female NPT	Body Size	316 Stainless Steel Part #
3/4"	56 mm	DDSA075SS
1"	56 mm	DDSA100SS
1½"	70 mm	DDSA150SS
2"	70 mm	DDSA200SS





MannTek Dry Gas Couplings

- primary application is in the handling of LPG Propane and Butane
- designed for loading and discharge of bobtails or intermediate bulk delivery trucks to and from rail cars

Features:

- · reliable, easy to maintain
- can be coupled to a tank unit with pressures up to 225 PSI at ambient temperature 70°F (21°C), if pressure is higher, equip couplings with pressure relief valves.
- minimizes the risk of cold burns, spillage, product loss and health risks and 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
- working pressure: 360 PSI at ambient temperature 70°F (21°C)
- · composite (Polyeten PE-HD 300) plug provides good protection in harsh environments
- for pressure relief options contact Dixon®



Coupler x Female NPT

Female NPT	Body Size	316 Stainless Steel Part #
1"	56 mm	DGC100SS
2"	71 mm	DGC200SS
3"	119 mm	DGC300SS



Dust Plug for Couplers

Size	Body Size	Polyeten PE-HD 300 Part #
1"	56 mm	DGDP100
2"	71 mm	DGDP200
3"	119 mm	DGDP300





Female NPT	Body Size	316 Stainless Steel Part #
1"	56 mm	DGA100SS
2"	71 mm	DGA200SS
3"	119 mm	DGA300SS

Adapter x Female ACME



Female ACME	Body Size	316 Stainless Steel Part #
1¾"	56 mm	DGA100SS175
31/4"	71 mm	DGA200SS325

Adapter-Tank Unit x 150# ASA Flange



150# Flange	Body Size	316 Stainless Steel Part #
1"	56 mm	DGA100SSFL
2"	71 mm	DGA200SSFL
3"	119 mm	DGA300SSFL

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Dust Cap for Adapters



Size	Body Size	Material	Part #
1"	56 mm	polyeten PE-HD300	DGDC100
2"	71 mm	rubber	DGDC200
3"	119 mm	rubber	DGDC300



MannTek Dry Aviation Couplers - Hose Unit

Application:

· designed for use in aviation refueling systems

Features:

- working pressure: 150 PSI at ambient temperature 70°F (21°C)
- composite (Polyeten PE-HD 300) plug provides 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
- · gunmetal coupling ring minimizes the risk of seizure
- · riveted piston pin minimizes risk of failure under extreme pressure conditions
- · protective ring is a specially formulated, weather resistant and electrically conductive rubber compound

Materials:

- · body: high strength aluminum
- coupling ring: gunmetal (produced to U.S. government bronze specification G)
- · bayonet flange and inner parts: stainless steel, aluminum

Body Size

ISO 45

ISO 45

- · all wetted parts are aluminum and stainless steel
- · stainless steel ball bearings

Female NPT

21/2

3"

- · stainless steel shaft journal embedded in PTFE eliminates seizure
- PTFE bearings between the driving plate and piston guide eliminate the risk of seizure

Coupler x Female NPT
Aluminum
Part #
DAC250AL
DAC300AL

Coupler x Female BSP

Female BSP	Body Size	Aluminum Part #
2½"	ISO 45	DAC250ALBSP
3"	ISO 45	DAC300ALBSP



Dust Plug for Couplers

Size	Body Size	Polyeten PE-HD300 Part #
2½"	ISO 45	DADP250





MannTek Dry Aviation Adapters - Tank Unit

Application:

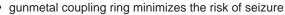
· designed for use in aviation refueling systems

Materials:

- · body: high strength aluminum
- coupling ring: gunmetal
- bayonet flange and inner parts: stainless steel, aluminum
- all wetted parts are in aluminum and stainless steel

Features:

- working pressure: 150 PSI at ambient temperature 70°F (21°C)
- composite (Polyeten PE-HD 300) cap provides 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



- 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



Adapter x Female NPT

Size	Body Size	<i>Aluminum</i> Part #
2½"	ISO 45	DAA250AL
3"	ISO 45	DAA300AL

Adapter x 150# ASA Flange



150# Flange	Body Size	Aluminum Part #
2½"	ISO 45	DAA250ALFL
3"	ISO 45	DAA300ALFL

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.



Dust Cap for Adapters

Size	Body Size	Polyeten PE-HD 300 Part #
2½"	ISO 45	DADC250

MannTek Safety Break-away Couplings - Marine Version

Application:

• typically for ship-to-offshore platform and ship-to-ship product transfer operations

Features:

- · designed to be installed within a hose string where the coupling will have a length of hose attached to both sides
- minimizes spillage and damage associated with pull-away incidents
- coupling automatically senses 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 (21°C)
- FKM (FPM) O-rings, additional seal materials are available
- optional non-closure design available, contact Dixon[®]



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Female NPT x Female NPT

Size	DN Size	316 Stainless Steel Part #
2"	50	MSBC200SS
3"	80	MSBC300SS
4"	100	MSBC400SS
5"	125	MSBC500SS
6"	150	MSBC600SS NEW



Male NPT x Male NPT

Size	DN Size	316 Stainless Steel Part #
2"	50	MSBC200SSMNPT
3"	80	MSBC300SSMNPT
4"	100	MSBC400SSMNPT
5"	125	MSBC500SSMNPT
6"	150	MSBC600SSMNPT



150# Flange x 150 Flange

Size	DN Size	316 Stainless Steel Part #
2"	50	MSBC200SSFL
3"	80	MSBC300SSFL
4"	100	MSBC400SSFL
5"	125	MSBC500SSFL
6"	150	MSBC600SSFL
8"	200	MSBC800SSFL



· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

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.



MannTek Safety Break-away Couplings - Industrial Version

Application:

 loading rack, bulk loading / unloading, road tankers and rail tankers



Features:

- designed to be installed between a fixed point (pipe, pump, manifold) and a hose
- minimizes spillage and damage associated with pull-away incidents
- coupling automatically senses excessive load, closes valves and disconnects, release is executed when force causes bolts to break
- high flow rate / low pressure drop
- working pressure: stainless steel 360 PSI and aluminum 230 PSI at ambient temperature 70°F (21°C)
- FKM (FPM) seal standard, additional seal materials are available
- optional non-closure design available, contact Dixon[®]

Female NPT x Female NPT



Size	DN Size	316 Stainless Steel Part #	<i>Aluminum</i> Part #
1"	25	SBC100SS	SBC100AL
2"	50	SBC200SS	SBC200AL
3"	80	SBC300SS	SBC300AL
4"	100	SBC400SS	SBC400AL
5"	125	SBC500SS	SBC500AL
6"	150	SBC600SS	SBC600AL

Male NPT x Male NPT



Size	DN Size	316 Stainless Steel Part #	<i>Aluminum</i> Part #
2"	50	SBC200SSMNPT	SBC200ALMNPT
3"	80	SBC300SSMNPT	SBC300ALMNPT
4"	100	SBC400SSMNPT	SBC400ALMNPT
5"	125	SBC500SSMNPT	SBC500ALMNPT
6"	150	SBC600SSMNPT	SBC600ALMNPT

150# Flange x 150# Flange



Size	DN Size	316 Stainless Steel Part #	<i>Aluminum</i> Part #
NEW 1"	25	SBC100SSFL	
2"	50	SBC200SSFL	SBC200ALFL
3"	80	SBC300SSFL	SBC300ALFL
4"	100	SBC400SSFL	SBC400ALFL
5"	125	SBC500SSFL	SBC500ALFL
6"	150	SBC600SSFL	SBC600ALFL
8"	200	SBC800SSFL	

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

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, release is executed when force causes the bolts to break
- · high flow rate / low pressure drop
- 150 PSI at ambient temperature 70°F (21°C)
- FKM/FPM is standard seal



• For flange dimensions, diagrams and additional information please reference dixonvalve.com.



ransfer Couplings

FIOMAX Diesel Fueling System

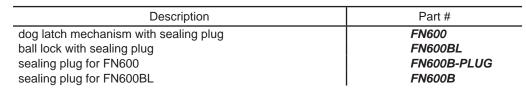
Application:

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

Diesel Fuel Nozzles

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
- interchanges with Caterpillar® and Wiggins systems





One-Piece Diesel Fuel Receivers

Features:

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

Description	Material	Part #
one-piece receiver without cap one-piece receiver with cap	nickel-plated steel nickel-plated steel	FRS FRS-C
one-piece receiver without cap one-piece receiver with cap cap for receiver	anodized aluminum anodized aluminum anodized aluminum	FRA FRA-C FR-CAP



Two-Piece Diesel Fuel Receivers

Features:

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

Description	Part #
two-piece receiver with removable stainless sleeve, without cap	FR-RS
two-piece receiver with removable stainless sleeve with cap removable sleeve replacement for two-piece receiver cap for receiver	FR-RS-C FR-RS-R FR-CAP







Engineered Fluid Transfer Couplings

FIOMAX Diesel Fueling System

Non-Interchange Diesel Fuel Nozzle

Application:

· used in biodiesel fueling

Features:

- 1½" female NPT
- design prevents fuel contamination
- connects to the non-interchange receiver only
- ball lock design

Description	Part #
ball lock fuel nozzle	FN600BL-NI

Non-Interchange Diesel Fuel Receiver

Application:

• used in biodiesel fueling

Features:

- · design prevents fuel contamination
- · connects to the non-interchange nozzle only
- ball lock design

Description	Anodized Aluminum Part #
one-piece receiver with cap	FRA-NI-C

2" High Volume Diesel Fueling System

Features:

- capable of flowing over 400 GPM
- 2" female NPT
- · stainless steel ball lock design
- · removable pull back assembly

Materials:

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

Diesel Fuel Nozzles



Description	Part #
2" fuel nozzle 2" fuel nozzle - with plug 2" fuel nozzle - with swivel 2" fuel nozzle - with swivel, with plug 2" sealing plug for nozzle	FX1500 ¹ FX1500P ¹ FX1500S ¹ FX1500SP ¹ FX1500PLUG

¹ must be used with high flow fuel vents found on page 21

Diesel Fuel Receivers



Description	Part #
2" diesel fuel receiver 2" fuel receiver with cap 2" cap for receiver	FRX FRX-C FRXCAP

Diesel Fuel Gravity Fill Receivers

Feature:

used with the FN600 or FN600BL to convert to gravity fueling

Size	Description	Part #
13/8"	straight	GFR-0
13/8"	45°	GFR-45
1%"	90°	GFR-90
1"	straight	GFR1-0
1"	45°	GFR1-45
1"	90°	GFR1-90



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 #
vent with 5" tube	VT
vent with 7" tube	VT7
vent with 9" tube	VT9
vent with 5" tube and threaded outlet	VTT



High Flow Fuel Vents

Feature:

• 7" tubes are available, contact Dixon® for more information

Description	Part #
high flow fuel vent with 5" tube	VTX
high flow fuel vent with 9" tube	VTX-9



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 #
1½" male NPT x 1½" female NPT	standard	FNS
2" male NPT x 1½" female NPT	standard	FNS2
11/2" female NPT x 11/2" female NPT	double	FNSID
1½" male NPS x 1½" female NPT	standard	FN600S1
1 used with FN600 or FN600BL		



FNS - standard

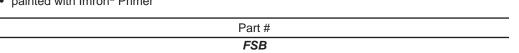


FNSID - double

Service Box

Features:

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





receivers sold separately



Standard Series Connectors

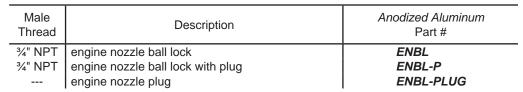
Features:

- · standard 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 Nozzles

Features:

- · bright red
- 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









Male Thread	Description	Anodized Aluminum Part #
3/4" NPT	engine receiver	ERS
34" NPT	engine receiver with cap	ERS-C
	engine receiver cap	ERS-CAP
3/4" JIC	engine receiver with JIC bulkhead base	ERJ
3/4" JIC	engine receiver with JIC bulkhead base and cap	ERJ-C

Coolant Fluid Nozzles

Features:

- bright teal
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps



Male Thread	Description	Anodized Aluminum Part #
½" NPT	coolant nozzle ball lock	CN
½" NPT	coolant nozzle ball lock with plug	CN-P
	coolant nozzle plug	CN-PLUG

Coolant Fluid Receivers



Male Thread	Description	Anodized Aluminum Part #
½" NPT	coolant receiver	CR-S
½" NPT	coolant receiver with cap	CR-C
	coolant receiver cap	CR-CAP

A

Standard Series Connectors

Hydraulic Oil Nozzles

Features:

- bright gold
- 10 steel dog latching mechanism
- ergonomically engineered pullbacks and caps

Female Thread	Description	Anodized Aluminum Part #
34" NPT	hydraulic nozzle	HN
34" NPT	hydraulic nozzle with plug	HN-P
	hydraulic nozzle plug	HN-PLUG





Hydraulic Oil Receivers

Male Thread	Description	Anodized Aluminum Part #
3/4" NPT	hydraulic receiver	HR
34" NPT	hydraulic receiver with cap	HR-C
	hydraulic receiver cap	HR-CAP



Transmission Fluid Nozzles

Features:

- bright violet
- 6 steel dog latching mechanism
- ergonomically engineered pullbacks and caps

Male Thread	Description	Anodized Aluminum Part #
1/2" NPT	transmission nozzle	TN
1/2" NPT	transmission nozzle with plug	TN-P
	transmission nozzle plug	TN-PLUG



Transmission Fluid Receivers

Female Thread	Description	Anodized Aluminum Part #
%" NPT	transmission receiver	TR
¾" NPT	transmission receiver with cap	TR-C
	transmission receiver cap	TR-CAP





Engineered Fluid Transfer Couplings

R Series Connectors

Features:

- fully compatible and interchangeable with industry standards
- all-metal construction using anodized aircraft grade aluminum non-wear components
- standard roll-pin locking mechanism
- ergonomically engineered pullbacks and caps

Engine Oil Nozzles

Feature:

• bright red



Female Thread	Description	Anodized Aluminum Part #
3/4" NPT	R-series engine nozzle	R-EN
34" NPT	R-series engine nozzle with plug	R-EN-P
	R-series engine nozzle plug	R-EN-PLUG

Engine Oil Receivers



Male Thread	Female Thread	Description	Anodized Aluminum Part #
		R-series engine receiver	R-ER
1.625-12 UN-2A	1.312-12 UN-2B	R-series engine receiver with cap	R-ER-C
		R-series engine receiver cap	R-ER-CAP

Coolant Fluid Nozzles

Feature:

• bright teal



Female Thread	Description	Anodized Aluminum Part #
½" NPT	R-series coolant nozzle	R-CN
½" NPT	R-series coolant nozzle with plug	R-CN-P
	R-series coolant nozzle plug	R-CN-PLUG

Coolant Fluid Receivers



Male Thread	Female Thread	Description	Anodized Aluminum Part #
		R-series coolant receiver	R-CR
1.187-12 UN-2A	.875-14 UN-2B	R-series coolant receiver with cap	R-CR-C
		R-series coolant receiver cap	R-CR-CAP

DPL418



R Series Connectors

Hydraulic Oil Nozzles

Feature:

• bright gold

Female Thread	Description	Anodized Aluminum Part #
1" NPT	R-series hydraulic nozzle	R-HN
1" NPT	R-series hydraulic nozzle with plug	R-HN-P
	R-series hydraulic nozzle plug	R-HN-PLUG



Hydraulic Oil Receivers

Male Thread	Female Thread	Description	Anodized Aluminum Part #
		R-series hydraulic receiver	R-HR
1.875-12 UN-2A	1.625-12 UN-2B	R-series hydraulic receiver with cap	R-HR-C
		R-series hydraulic receiver cap	R-HR-CAP



Transmission Fluid Nozzles

Feature:

• bright violet

Female Thread	Description	Anodized Aluminum Part #
	R-series transmission nozzle	R-TN
34" NPT	R-series transmission nozzle with plug	R-TN-P
	R-series transmission nozzle plug	R-TN-PLUG



Transmission Fluid Receivers

Male Thread	Female Thread	Description	Anodized Aluminum Part #
	1.062-12 UN-2B	R-series transmission receiver R-series transmission receiver, cap R-series transmission receiver cap	R-TR R-TR-C R-TR-CAP



25





Engineered Fluid Transfer Couplings

—

High Flow 3/4" Series Connectors

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





red nozzle with plug gold nozzle with plug teal nozzle with plug	Part #
violet nozzle with plug navy nozzle with plug copper nozzle with plug	ENBL-P ENBL-P2 ENBL-P3 ENBL-P4 ENBL-P5 ENBL-P6

Receivers



Male	Description	Anodized Aluminum
Thread	'	Part #
	red receiver with cap	ERS-C
3⁄4" NPT	gold receiver with cap	ERS-C2
	teal receiver with cap	ERS-C3
	violet receiver with cap	ERS-C4
	navy receiver with cap	ERS-C5
	copper receiver with cap	ERS-C6

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

High Flow 1" Series Connectors

Features:

- 7 color coded nozzle and receiver sets for quick identification of mating parts; nozzle and receiver only couple with matching color component providing 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; all non-wear parts are colored anodized aircraft grade aluminum
- standard nozzle mounting: 1" female NPT; receiver: 1" male NPT
- nozzle incorporates a ball lock mechanism ensuring smooth and reliable operation
- length: nozzle 3.90" (99 mm), receiver 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 #
1"	red nozzle with plug gold nozzle with plug teal nozzle with plug violet nozzle with plug navy nozzle with plug copper nozzle with plug blue/gray nozzle with plug	HFN-P1 HFN-P2 HFN-P3 HFN-P4 HFN-P5 HFN-P6 HFN-P7

Receivers



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

6005A12

P-1880



FIOMAX Part Number Cross Reference

Standard Series Connectors

Standard Series Confidences			
Dixon® Part #	Caterpillar® Part #	Wiggins Part #	
Engine Oil Nozzles			
ENBL	9S9273	OS2	
ENBL-P		OSP2	
ENBL-PLUG	9S9274	OP-12	
ERJ		ON6	
Engine Oil Receivers			
ERS	9S9271	ON2	
ERS-C		ONC2A	
ERS-CAP	9S9272	O3B12P	
Coolant Fluid Nozzles			
CN	108-5455	EC280B8	
CN-P			
CN-PLUG	108-5456	1209-8	
Coolant Fluid Receivers			
CR-S	IQ5459	EC285A8	
CR-C			
CR-CAP	5P3587	1208-8	
Hydraulic Oil Nozzles			
HN	108-5433	6000B12	
HN-P			
HN-PLUG		6009-12	
Hvdraulic Oil Receivers			

Coolant i luiu Necelveis		
CR-S	IQ5459	EC285A8
CR-C		
CR-CAP	5P3587	1208-8
Hydraulic Oil Nozzles		
HN	108-5433	6000B12
HN-P		

108-5454

HR-C		
HR-CAP	IQ-5468	6008-12
Transmission Fluid		
Nozzles		
TN	126-7538	C-1807
TN-P		
TN-PLUG		P-1844
Transmission Fluid		
Receivers		
TR	108-5456	P-1804

Fuel Vent Series

SP3587

Dixon®	Caterpillar®	Wiggins
Part #	Part #	Part #
VT	6G7803	ZV10
VT7		ZV10F
VT9		ZV10
VTT	5V6106	ZV10C
VT-C		ZV10A
VT-A-7	9G01965	ZV11
VT-A-9	4T1314	ZV11A

R Series Connectors

Dixon® Part #	Caterpillar® Part #	Wiggins Part #
Engine Oil Nozzles R-EN R-EN-P		R15
R-EN-PLUG		R1507
Engine Oil Receivers R-ER		R16
R-ER-C R-ER-CAP		 R1605
Coolant Fluid Nozzles		K 1005
R-CN R-CN-P		R11
R-CN-PLUG		R1107
Coolant Fluid Receivers R-CR		R12
R-CR-C		
R-CR-CAP Hydraulic Oil Nozzles		R1205
R-HN R-HN-P		R17
R-HN-PLUG		R1707
Hydraulic Oil Receivers R-HR		R18
R-HR-C		 D4005
R-HR-CAP Transmission Fluid		R1805
Nozzles		D40
R-TN R-TN-P		R13
R-TN-PLUG Transmission Fluid		R1307
Receivers		
R-TR R-TR-C		R14
R-TR-CAP		R1405

Diesel Fueling System

		-
Dixon® Part #	Caterpillar® Part #	Wiggins Part #
	rait#	rail#
Nozzles		
FN600		ZZF150
FN600BL		ZZ9A1
FN600B-PLUG		
Receivers		
FRS	2G9000	ZN2A
FRS-C		ZNC2A
FRA		ZN2A
FRA-C		ZNC2A
FR-CAP	0D0630	ZC20P
FR2	9D0630	
FR2-C		
FR2-R		
GFR-0		ZN6A
GFR-45		
GFR-90		ZN6B
GFR1-0		ZN6B
GFR1-45		
GFR1-90		ZN6B
FNS		ZS9
FNS2		
FN600S		
BFN		ZS5
BH-F		
FNS10		
FR-SOCKET		
BH-W		

HR

TR-C

TR-CAP







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.
- 5300, 5300B, 5300BC, 5300BCL: maximum working pressure 150 PSI 5300G: maximum working pressure 100 PSI 5400: maximum working pressure 75 PSI
- peak surge pressure: 350 PSI
- maximum flow rate: 600 GPM, (2271 LPM)
- pressure drop: 3 to 4 PSI
- seal color code: FKM brown dot; FKM B yellow dot, FKM GFLT green dot
- replacement parts are available, contact Dixon®

API Couplers with Bonded Nose Seal

Seal Material	Operating Temperature	Part #
Buna	-20°F to 250°F (-29°C to 121°C)	5300
FKM-B	-10°F to 400°F (-23°C to 204°C)	5300B
FKM-GFLT	-20°F to 400°F (-29°C to 204°C)	5300G
FKM-B with stainless wave spring	-10°F to 400°F (-23°C to 204°C)	5300BC 1
FKM-B with stainless wave spring	-10°F to 400°F (-23°C to 204°C)	5300BCL

stainless steel internal springs and is recommended for crude oil service

API Couplers with Replaceable Nose Seal

Seal Material	Operating Temperature	Part #
Buna	-20°F to 250°F (-29°C to 121°C)	5400
FKM-B	-10°F to 400°F (-23°C to 204°C)	5400B
FKM-GFLT	-20°F to 400°F (-29°C to 204°C)	5400G

API Coupler Locking Handle Repair Kit

Description	Part #
locking handle kit for 5300BC rack couplers	5354K21

API Load Only Valves

Application:

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

Features:

- · unique fluid flow sight level
- ergonomically curved handle operates on a short 62° degree stroke
- Nose ring is anodized hard coat aluminum, which in most applications will provide years of trouble free service. Nose ring can be rotated to provide a fresh connection surface.

Description	Part #
load only API valve without sight glass, ALH nose ring load only API valve without sight glass, Baylast™ seal, stainless steel springs load only API valve without sight glass, Baylast™ seal, stainless steel springs with ½" FNPT drain port	



API Load/Unload Valves

Description	Part #
load/unload API valve with sight glass, fixed handle, ALH nose	5204
load/unload API valve, without sight glass, fixed handle, Baylast™ seal	5204NG

API Drop Adapters

Application:

• for offloading through an API adapter

Adapter Size	Coupler Size	Description	<i>Aluminum</i> Part #
3"	4" API	with Baylast™ O-ring seal	4530
4"	4" API	with Baylast™ O-ring seal	4540
4"	4" API	with Buna-N O-ring seal	4540F



API Drop Adapters with Sight Glass

Adapter	Coupler	Description	<i>Aluminum</i>
Size	Size		Part #
3"	4" API	with inline sight glass and Baylast™ flat gasket	4530SG
4"	4" API	with inline sight glass and Baylast™ flat gasket	4540SG



API Gravity Drop Adapters

Adapter	Coupler	Description	<i>Aluminum</i>
Size	Size		Part #
		with flat Buna gasket with flat Buna gasket	31440-225AL 41440-225AL



API Drop Adapter Repair Kits

Description	Part #
replacement cam arms, pins and Baylast™ O-ring seal (standard) replacement cam arms, pins and FKM O-ring seal (optional) replacement 18" chain and S hook sight glass repair kit (fits 3" and 4") flat replacement Baylast gasket for 4530SG, 4540SG replacement cam arms and pins (fits 3" and 4") Baylast O-ring replacement seal for 4530, 4540, 5000-24 flat replacement gasket for 31440-225AL, 41440-225AL, 41450-DCAL	4500RK 4500RK-V 5205-RK4 4540SG-RK1 4540SG-RK2 4540SG-RK3 4500-5 2143SEALBU



API Dust Caps

Size	Description	Aluminum Part #	Optional Qty
4" API	with flat Buna gasket and brass cam arms	41450-DCAL	5
	with O-ring Baylast™ seal and brass cam arms	5000-24	10
	with locking arms	5000-24L	1



with cam arms

Adapter	Description	<i>Nylon</i>	Optional
Size		Part #	Qty
4" API	with flat Buna seal and plated steel pad lockable roller lever	5000-25	20



with locking arms

Gravity Drop Adapter Dust Caps



Engineered Fluid Transfer Couplings

NS40DS OGNAM MORE)



Features:

- designed to fit on any 4" cam and groove adapter, specifically 4" gravity drop adapters
- reduce weight
- easy Pull Off / Push On operation
- Buna gasket
- NOT intended to be pressurized



Size	Black Nylon Part #
4"	4540DC
4"	4540DC-12001

¹ supplied with chain



Dixon Bayco Adapter with Grounding Tab





Size	Description	356T6 Aluminum Part #
4"	male adapter with grounding tab	400-E-ALGT

Dixon Bayco Coupler with Grounding Tab



Size	Description	356T6 Aluminum Part #
4"	female coupler with grounding tab	400-C-ALGT

API Compatible Loading Rack Cords

Features:

- · highly visible safety orange jacket meets trip hazard requirements
- · cord is bonded mechanically and resistant to abrasion and oil
- · Cord sets are interchangeable with Scully and Civacon. All wiring is compatible with standard Scully color codes and wiring number configurations. The 9 pin conductor is shielded to be compatible with Scully VIP system.
- plug body is reinforced nylon and is color coded Optic Blue or Thermistor Green
- button contacts are 316 stainless steel to prevent corrosion or galling
- all other hardware is stainless steel

API Optic Cord Assemblies

Description	Part #
plug with 30' coiled cable, 6 contact pins, 3 J slots	FT620
plug with 20' straight cable, 6 contact pins, 3 J slots	FT620S
plug with 30' coiled cord, 6 contact pins, 3 J slots, J560 plug	FT620P
replacement plug assembly with 6 contact pins, 3 J slots	FT621
replacement 30' coiled cable, optic 6 conductor	FT622
plug storage hanger	FT623
replacement 20' straight cord, optic 6 conductor	FT624



API Thermistor Cord Assemblies

FT604

Description	Part #
plug with 30' coiled cable, 8 contact pins, 2 J slots	FT600
plug with 30' coiled cable, 8 contact pins, 2 J slots, 13 pin connector	FT600P
plug with 30' coiled cord, 10 contact pins, 2 J slots (for Canada)	FT600C
plug with 20' straight cable, 8 contact pins, 2 J slots	FT600S
plug with 20' straight cable, Thermistor conductor, 8 contact pins, 4 J slots	FT600S-4
plug with 30' coiled cable, 10 contact pins, 4 J slots	FT600CP
plug with 20' straight cable, 10 contact pins, 4 J slots (for Canada)	FT600SC
replacement plug assembly with 8 contact pins, 2 J slots	FT601
replacement plug assembly with 10 contact pins, 4 J slots (for Canada)	FT601-10
replacement 30' coiled cable, Thermistor 10 conductor	FT602
plug storage hanger	FT603



• Rack cord part number competitor cross references can be found on the following page.

replacement 20' straight cord, Thermistor 10 conductor

DPL418 877.963.4966 • dixonvalve.com



Engineered Fluid Transfer Couplings

API Rack Cord Assemblies

<u></u>			API		Co	rd	J-	Slot	:S		Pins	3	Breakav	way Plug
FloTech™ Part #	Civacon Part #	Scully Part #	Thermistor	Optic	20' Straight	30' Coiled	2	3	4	6	8	10	Optic J560 Aluminum	Thermistor 13 Pin Plastic
FT600	7300SR-7300	21818	✓			1	1				1			
FT600-4			✓			1			1		1			
FT600C	7300CSR-7300	31092	✓			1			1			1		
FT600C-2	7300C-7300		✓			1	1					1		
FT600P	7320SR-7320		✓			1	1				1			1
FT600P-4			✓			1			1		1			✓
FT600S	7300-STRAIGHT	20830	✓		1		1				1			
FT600SC	7300C-STRAIGHT		✓		1				1			1		
FT600CP			✓			1			1			1		✓
FT600SP			✓				1				1			1
FT605C				1		1			1	1				
FT620	7100SR-7100	21831		1		1		1		1				
FT620P	7100-J560			1		1		1		1			1	
FT620X620				1		1		1		1				
FT620S	7100-STRAIGHT	21764		1	1			1		1				

API Rack Cord Parts

			API		Cord		J-Slots			Pins		
FloTech™ Part #	Civacon Part #	Scully Part #	Thermistor	Optic	20' Straight	30' Coiled	2	3	4	6	8	10
FT601	7310SR-7310		✓				1				1	
FT601-4			✓						1		1	
FT601-10			✓						1			1
FT602			✓			✓						
FT603	7350-7350		√						1			
FT604			√		✓							
FT621	7110SR-7110	21766		✓				1		1		
FT622	7220-7220	31099		✓				1				
FT623	7150-7150			1				1				
FT624		31098		1	1	✓						

FloTech™ FT590 Series Rack Monitor Testers



Description	Part #
rack tester with grounding bolt	FT590TG
rack tester thermistor	FT590TGT
rack tester with ground bolt	FT590OG
rack tester with ground bolt and Trailer Identification Module	FT590OGT

Dixon® Vapor Recovery Couplers

· not intended for liquid service, for vapor recovery only



Materials:

• body: cast aluminun

· arms: bronze with stainless steel pins • finger rings: plated carbon steel

· gasket: Buna-N

Coupler with Probe x Adapter

Coupler Size	Adapter Size	356T6 Aluminum Part #
4"	3"	4030-DAVR-AL



Coupler with Probe x Coupler with Probe

Coupler Size	Coupler Size	356T6 Aluminum Part #
4"	4"	400-DDVR-AL



Coupler with Probe x Hose Shank

Applications:

• for use with 3" vapor hose

· not intended for liquid service, for vapor recovery only



Materials:

 cast aluminum body · arms : bronze

· pins and finger rings: stainless steel

• gasket: Buna-N

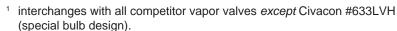
Features:

VR4030CS-AL has an FKM O-ring poppet seal

• Dixon® replacement handle assemblies will not work on these fittings, contact Dixon® for replacements.



Coupler Size	Hose Shank Size	Description	Part #
3"	3"		VRC3000AL
4"	2"		4020-CVR-AL
4"	3"	no poppet	4030-CVR-AL
4"	3"	poppet	VR4030CS-AL 1
4"	3"	floating bridge poppet	VR4030CS-SH ²
4"	4"	no poppet	400-CVR-AL
4"	4"	floating bridge poppet	VR4040CS-AL ²



² superior interface with air interlock



Repair Kits	
Description	Part #
seal repair kit: gasket, machine screw and FKM O-ring cam arm repair kit: paddle arm and cam arm pin	VR4040CSRK1 VR4040CSRK2





VR4030CS-AL



VRC.3000AL



4030-CVR-AL



Engineered Fluid Transfer Couplings

Dixon® Vapor Recovery

Couplers

Material:

· seal: Buna N and FKM

Features:

- 'floating bridge' poppet design allows optimal flow
- · machined hose shank ensures easier insertion into hose and better sealing
- durable, easy to couple stainless cam arms
- big wings ensure contact with air interlock button on tanker helping prevent drive-offs
- change poppet seal without removing the coupler from the hose
- secure to hose with traditional band clamps or built in crimp collar
- 4" MNPT version allows for either cam and groove or threaded flange option
- not intended for liquid service, for vapor recovery only





VR4030CS-AL45

VR4040CS-AL

Coupler Size	Description	<i>Aluminum</i> Part #		
4" NEW NEW	4" coupler x 4" hose shank 4" coupler x 3" 45° hose shank 4" coupler x 4" 45° hose shank 4" coupler x 4" 45° hose shank swivel 4" coupler x 4" MNPT connection 4" coupler x 3" hose shank	VR4040CS-AL VR4030CS-AL45 VR4040CS-AL45 VR4040CS-ALS45 VR4040CS-4MNPT VR4030CS-SH		

VRHK

Repair Kits

Description	Part #
handle kit	VRHK
compact handle kit	VRHK-C
seal repair kit	VR4040CSRK1
cam arm repair kit	VR4040CSRK2

Coupler x Female NPT



· not intended for liquid service, for vapor recovery only



Materials:

body: cast aluminum

· arms: bronze with stainless steel pins • finger rings: plated carbon steel

· gasket: Buna-N



Coupler Size	Female NPT Size	356T6 Aluminum Part #
4"	3" 4"	4030-DVR-AL 400-DVR-AL

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Engineered Fluid Transfer Couplings

Tank Truck Flanged Tee

Size	356T6 Aluminum Part #
4"	400-TLT-AL

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.



TTMA Series Flange Adapters

Features:

- simply and easily converts threaded components to a standard TTMA flange configuration
- solid cast lightweight aluminum design is more durable than welded fabrications
- · design improves flow through adapter
- · compact size reduces the overall space needed to install

TTMA Flange x Male NPT Adapters

TTMA Flange	Male NPT	Overall Length	Aluminum Part #
3"	3"	2½"	TTF3AL-3MT
4"	3"	21/2"	TTF4AL-3MT
4"	4"	2½"	TTF4AL-4MT



TTMA Flange x Extended Length Male NPT Adapters

TTMA Flange	Male NPT	Overall Length	Aluminum Part #
4"	3"	5½"	TTF4AL-3EMT
	4"	5½"	TTF4AL-4EMT



TTMA Flange x Female NPT Adapter

TTMA Flange	Female NPT	Overall Length	<i>Aluminum</i> Part #
4"	3"	2½"	TTF4AL-3FT
	4"	2½"	TTF4AL-4FT



TTMA Slip-on Socket Weld Flange

TTMA Flange	Pipe Size	356T6 Aluminum Part #
4"	4"	TTF400SP



TTMA Slip-on Plate Flange

TTMA Flange	Pipe Size	Aluminum Part #
4"	4"	TTMA-64



TTMA Buttweld Flange

TTMA Flange	Pipe Size	Thickness	<i>Aluminum</i> Part #
3"	4"	3/8"	TTF3AL
4"	4"	3/8"	TTF4AL



[·] For flange dimensions, diagrams and additional information please reference dixonvalve.com.

TTMA Flange Spacer with 1/2" Port

Size	Description	<i>Aluminum</i> Part #
4"	flange spacer with ½" female NPT port	TTFS4AL-FP50

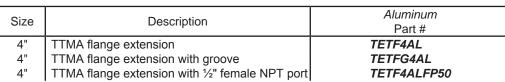


TTMA Flange Extensions

Application:

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

- 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



· For flange dimensions, diagrams and additional information please reference dixonvalve.com.



TETF4AL



TETFG4AL

Cam & Groove Adapter x TTMA Flange

Features:

- · aluminum flanges have a flat face, stainless flanges have a raised face
- reference dixonvalve.com for flange drilling standards
- pressure rating is based on the seal of the mating part, see ratings on pages 123 124



Size	356T6 Aluminum Part #	316 Stainless Steel Part #
3"	300-ALT-AL	300-ALT-SS 1
3" x 4"	3040ALTAL	
4"	400-ALT-AL	400-ALT-SS ¹
6"	600-ALT-AL	

¹ parts are produced as a welded fabrication

Cam & Groove Coupler x TTMA Flange

Features:

- supplied standard with a Buna-N gasket, other gaskets available on pages 167 169
- use Dixon® replacement handles only



	356T6 Aluminum
Size	Part #
3"	300-DLT-AL
3" x 4"	3040DLTAL
4"	400-DLT-AL
6"	600-DLT-AL

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Cam & Groove 22½° Adapter x TTMA Flange

Feature:

pressure rating is based on the seal of the mating part, see ratings on page 123 - 124

Cina	356T6 Aluminum
Size	Part #
4"	40022ALTAL



Cam & Groove 221/2° Coupler x TTMA Flange

Features:

- supplied standard with a Buna-N gasket, other gaskets available on pages 167 169
- use Dixon[®] replacement handles only

	,
Size	356T6 Aluminum
Size	Part #
4"	40022DLTAL

For flange dimensions, diagrams and additional information please reference dixonvalve.com.



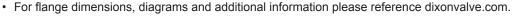


Engineerec Transfer Co

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TTMA Flange Gaskets

Size	OD	ID	Thick.	Material	Part #
	5-5/8"	3-1/2"	1/8"	Cork / Buna	300GTTFCB
	5-5/8"	3-1/2"	1/16"	PTFE envelope with Klinger filler	300GTTFTK
	5-5/8"	3-1/2"	1/8"	Klingersil® C-4300	300GTTFK
3"	5-29/32"	3-1/2"	3/32"	PTFE with fiber core	40321TF
	7-1/4"	5"	5/32"	PTFE with soft fiber core	40364TF
	7-1/4"	5"	1/8"	Baylast™	40364BL
	5-5/8"	3-5/8"	1/8"	Baylast™	300GTTFBL
	6-5/8"	4-9/16"	1/8"	Cork / Buna	400GTTFCB
	6-5/8"	4-9/16"	1/16"	PTFE envelope with Klinger filler	400GTTFTK
	6-5/8"	4-9/16"	1/8"	Klingersil® C-4401	400GTTFK
4"	6-7/8"	4-9/16"	3/32"	PTFE with fiber core	40322TF
	8-3/8"	5-7/8"	5/32"	PTFE with soft fiber core	40323TF
	8-1/4	5-7/8	1/8"	Baylast™	40323BL
	6-5/8"	4-5/8"	1/8"	Baylast™	400GTTFBL



Sight Flow Indicators

Features:

• Due to the proprietary blending of petroleum products, Dixon® recommends that thermoplastic tubing and gaskets be immersion tested in the product to be handled to ensure compatibility (not compatible with crude oil).



- · for dimensional information on tank truck flange drilling reference dixonvalve.com
- maximum flange bolt torque is 200 in-lb (inch pounds)

A

TTMA Flanged Short Sight Flow Indicators

Features:

- durable cast aluminum housing, replaces competitions all acrylic sight glass as commonly found on tank trucks
- · allows for visual identification of the fuel grade prior to opening the valve
- · works with tank truck flanged butterfly valves found on gasoline trucks
- · low cost sight glass tube can be easily replaced
- rated to 150 PSI

Size	Width	<i>Aluminum</i> Part #
3"	1¾"	5200-SFI-3
4"	1¾"	5200-SFI



TTMA Flanged Sight Flow Indicators

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%" flow indicator allows tank truck flanged butterfly valves to connect to either end
 of the indicator
- pressure rating: 150 PSI

Size	Width	ID	<i>Aluminum</i> Part #
4"	3¼"	43/8"	5201-SFI

Features:

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

Size	ID	Aluminum Part #
4"	43/8"	4-1460-AL

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.









TTMA Flanged Sight Flow Indicators

Size	Nominal Width	<i>Acrylic</i> Part #
3"	13/4"	TT3ASG
4"	1¾"	TT4ASG
3"	13/4"	TT3ASG-ETH1
4"	1¾"	TT4ASG-ETH1

Optically Enhanced Sight Glass

	Size	Nominal Width	<i>Acrylic</i> Part #
	3"	1¾"	TT3ASG0E
_	4"	1¾"	TT4ASGOE
	3"	1¾"	TT3ASG-ETHOE 1
	4"	13/4"	TT4ASG-ETHOE 1

¹ for use with ethanol

Sight Flow Indicator Repair Kits



Description	Used on	Part #
3" replacement sight glass, Baylast™ O-ring and retainer ring kit		5200-SFI-3-RK1
3" replacement sight glass, FKM O-ring and retainer ring kit		5200-SFI-3V-RK1
4" replacement sight glass, Baylast™ O-ring and retainer ring kit		5200-SFI-RK1
4" replacement sight glass, FKM O-ring and retainer ring kit		5200-SFIV-RK1
replacement Baylast O-rings, sight glass and retaining ring	5201-SFI	5201-SFI-RK1
Buna-N O-ring		O249BU
plexiglass insert		4PSG
Buna-N O-ring		O246BU

TTMA Flange Screen

Feature:

· stainless steel screen is encapsulated in an FKM gasket



Male NPT	Description	Stainless Steel Part #
2"	screen with 1" square holes	TTFS4SS

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

[·] For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Betts Wet-R-Dri™ Butterfly Valves

Application:

designed for handling liquid, gaseous or dry products

- has a positive stop in the open and closed position
- detent spring and ball assist in holding the disc in the open and closed position
- drilling fits TTMA recommended standards
- opens by turning hand 1/4 turn counter clockwise
- temperature range: 0°F to 400°F (-18°C to 204°C)

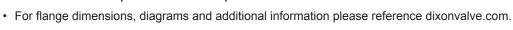
Manual

Size	Maximum Working Pressure PSI	Extruded aluminum body with FKM-B disc Part #
3"	75	WD301ALVB
4"	75	WD401ALVB



Metering

Size	Maximum Working Pressure PSI	Extruded aluminum body with FKM-B disc Part #
3"	75	WD304ALVB
4"	75	WD404ALVB







Tank Transport Equipment

Fusible Pipe Caps



Size	Stainless Steel ¹	<i>Aluminum</i>	<i>Iron</i>	Optional
	Part #	Part #	Part #	Qty
3"	300-SFC-SS	300-SFC-AL	300-SFC-MI	10

¹ PTFE gaskets are standard in stainless steel fittings.

Pipe Caps



Size	Stainless Steel ¹ Part #	<i>Aluminum</i> Part #	<i>Iron</i> Part #	Optional Qty
2"	200-PC-SS		200-PC-MI	
3"	300-PC-SS	300-PC-AL	300-PC-MI	10
4"	400-PC-SS			

¹ PTFE gaskets are standard in stainless steel fittings.

Reducers



Female NPSM	Male NPT	Stainless Steel ¹ Part #	<i>Aluminum</i> Part #	<i>Iron</i> Part #	Optional Qty
3"	2"	3020-RD-SS	3020-RD-AL	3020-RD-MI	10
4"	3"	4030-RD-SS ²	4030-RD-AL		

¹ PTFE gaskets are standard in stainless steel fittings.

Reducing Cap



Size	Stainless Steel ¹ Part #	Optional Qty
3" x 1"	3010-RC-SS	10

¹ PTFE gaskets are standard in stainless steel fittings.

Coupling Gaskets



Size	<i>Buna-N</i> Part #	Opt Qty	<i>PTFE</i> Part #	Opt Qty
1½"			150GPCTF	
2"	200GPCBU	25	200GPCTF	10
3"	300GPCBU	25	300GPCTF	25
4"			400GPCTF	

² welded fabrication

Intermodal Tank Transport

Pipe Caps

Size	Aluminum	Stainless Steel ¹	Optional
	Part #	Part #	Qty
3"	300PCALAP	300PCSSAP	10



Thread Adapters

Female BSPP	Male NPT	Stainless Steel ¹ Part #
3"	2" 3"	3020RDSSAP 3030RDSSAP



Cam & Groove Adapter

Size	Stainless Steel ¹ Part #
3"	300ASSSAP

¹ PTFE gaskets are standard in stainless steel fittings



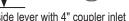
¹ PTFE gaskets are standard in stainless steel fittings

¹ PTFE gaskets are standard in stainless steel fittings



Engineered Fluid Transfer Coupling

side lever with 4" coupler inlet





side lever without inlet connection

6200 Series Side Lever Type Drop Elbows

Materials:

- · cast aluminum modular construction
- handle and cam arms: brass with buna gasket
- bolts on inlet end: stainless steel
- sight glass: acrylic with buna seals
- · for information on additonal elbow configurations such as pre-assembled elbows, contact Dixon®

5	Size	Inlet	A Overall Height	B Ground Clearance	Aluminum Part #
		elbow only, without inlet connection elbow with 4" adapter inlet			6200 6200A
	4"	elbow with anti-spill sleeve, without inlet connection	17¾"	101/8"	6200T
		elbow with 4" coupler inlet			6200D
		tall elbow only, without inlet connection			6200X
		tall elbow with 4" adapter inlet			6200XA
4"	tall elbow with anti-spill sleeve, without inlet connection	21"	13¾"	6200XT	
	tall elbow with 4" coupler inlet			6200XD	

6500 Series Self-Locking Drop Elbows



Size	Inlet	A Overall Height	B Ground Clearance	<i>Aluminum</i> Part #
4"	tightfill elbow with locking handle	17¾"	101/8"	6500
4"	tightfill elbow with locking handle and 4" adapter inlet	17¾"	10%"	6500A
4"	3" tight fill elbow with 4" inlet adapter	15"	9½"	6530A
4"	3" tight fill elbow with 3" inlet adapter	15"	9½"	6530C

Inlets

Male Adapters



Inlet Size	<i>Aluminum</i> Part #	
3"	6000-16	
4"	6000-17	

Female Couplers



Inlet Size	Aluminum Part #	
3"	6000-15	
4"	6000-14	

Female NPT



Inlet Size	Aluminum Part #
4"	6000-20

Dual Point Vapor Recovery Elbows - Ball Lever

Materials:

- · seals: buna
- · hardware: stainless steel
- · bronze locking arms housed in polymer bushings

Features:

- · for use in two point vapor recovery systems
- · one-piece locking arms
- · advanced design side lever locking system
- bolt on 3" male outlet included (VR6000-6) which can be rotated for extended life
- lubrication fitting on locking stem
- see below for 6400 series co-axial elbow for single point vapor recovery

Description	Aluminum Part #	
3" male adapter with probe, without poppet valve 3" male adapter outlet with probe and poppet valve	VR6200NP VR6200	



Ada	pter	Inl	let

Description	Aluminum Part #
outlet adapter with outlet O-ring	VR6000-6



Single Point Coaxial Drop Elbow

Materials:

arms: solid bronzesight glass: acrylicseals: buna

Features:

- for single point vapor recovery only
- 3" male vapor outlet (top)
- comes assembled with 4" male inlet
- bolt-on inlets/outlets for easy, fast replacement
- replacement parts are available, please contact Dixon[®]
- 6400 co-axial inlets do not fit our other elbow series

Inlet	Outlet	<i>Aluminum</i> Part #
4" male	3" male vapor	6400



Coaxial Elbow Fuel Inlets Adapters

Features:

- · for use with 6400 series coaxial elbows only
- rated for petroleum service, Ethanol to E100 and biodiesel to B20

Size	Aluminum Part #
3"	6000-16C
4"	6000-17C



Couplers

- for use with 6400 series coaxial elbows only
- rated for petroleum service, Ethanol to E100 and biodiesel to B20

Size	Aluminum Part #
3"	6000-15C
4"	6000-14C



Tight Fill Drop Elbows - Complete Unit

Materials:

- · body: aluminum
- handle and cam arms: brass
- gasket: buna
- bolts on inlet end: steel
- sight flow insert: plexiglass

Coupler Size	Inlet	<i>Aluminum</i> Part #
3"	3" male adapter 4" male adapter	300300MAE 3004030MAE

Tight Fill Drop Elbow Coupler Body

Albani.	

Size	Aluminum Part #
3"	300-TFG

Tight Fill Male Adapter Inlet End



Inlet	<i>Aluminum</i> Part #
3"	300-MAE
4"	4030-MAE

Side Seal Drop Elbow



- for use with special 4" side seal style fill collars only
- modular, easy to repair, bolt together construction
- standard with acrylic sight glass with buna seals (2), bronze locking levers and buna main
- 4" male adapter inlet and lock ring installed
- replacement parts are available, contact Dixon®

Size	Aluminum Part #
4"	6000ASAL

Side Seal to Top Seal Adapter

- allows conventional elbows to be used with special side seal style fill collars
- bottom connects to side seal fill collar
- top section with standard 4" top seal collar profile accepts clamping of standard 4" drop
- replacement parts are available, contact Dixon[®]

Size	Aluminum Part #
4"	6000-SSA



ransfer Couplings

Dust Cap with Pull Handle for Hose Tubes

Materials:

- aluminum body
- cam arms (dust caps): brass
- · seals: buna

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 construction protects the hose coupling and adapter from damage during transportation and removal of hoses from the hose storage tube.
- · prevents possible environmental issues due to leaking residue left in an open hose

Size	Aluminum Part #
3"	300-DC-ALPH
4"	400-DC-ALPH



Dust Plug with Pull Handle for Hose Tubes

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



Size	Aluminum Part #		
3"	300-DP-ALPH		
4"	400-DP-ALPH		







Reelcraft® Static Discharge Reel

Application:

 Used to ground equipment in hazardous atmospheres, such as fuel trucks or carts transferring flammable materials. When properly clamped to ground, the static discharge reel dissipates static electrical buildup, reduced the chances of sparking and the potential for explosion.

- supplied with a 3/32" OD steel aircraft cable
- DC resistance is approximately one ohm per 50' of steel cable

Description	Stranded Steel Part #		
single 7" x 7" stranded steel	G3050		



A

TFA Series Fill Pipe Adapter



Feature:

• for use with 3" drop elbows (300-TFG)

Adapter Size	Female NPT	Aluminum Hardcoat Part #	Optional Qty
3"	3"	300-TFA	10

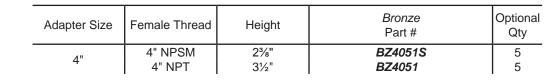
Fuel Delivery Tank Adapters



with NPSM thread

Features:

- for use with 4" drop and co-axial elbows (6200, 6400 and 6500 series)
- BZ4051S has NPSM thread and is supplied with a gasket





with NPT thread

Vapor Recovery Tank Adapters





- poppeted vapor collar at station vapor outlet
- · low profile design
- replacement parts are available, contact Dixon® for more information





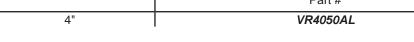
Vapor Caps

Aluminum

Features:

- special locking cap for underground tank vapor outlet VR4086 and tanker vapor valves
- · bronze cam arms
- · painted vapor recovery orange

Size	Aluminum Part #		
4"	VR4050AL		



Nylon

Features:

- · centered 'T' handle allows for one-handed use and provides a solid locking mechanism
- · strong and lightweight
- · built-in locking feature
- · corrosion resistant materials
- · vapor recovery orange
- · replacement parts are available, contact Dixon® for more information

Size	<i>Nylon</i> Part #
4"	VR4050PL



Automatic Pressure / Vacuum Relief Caps

Features:

- · normally closed, stops fuel evaporation and airborne contaminants
- lockable
- · relieves pressure and vacuum buildup in fuel tanks

Note: Pressure/vacuum relief caps should be routinely inspected to ensure correct operation and particularly to ensure that the relieving components are free to move and that the air flow path is unblocked.

for stationary fuel tanks

Feature:

• relieves vacuum at .7 Hg (.33 PSI) and pressure at 2 PSI, 20 SCFM flow

Male NPT	<i>Zinc</i> Part #
2"	2000L
2½"	2500L



for mobile fuel tanks

Feature:

relieves vacuum at .33 Hg and pressure between 7.5 - 9 PSI

Male NPT	<i>Zinc</i> Part #
2"	200-PV-9





Engineered Fluid Transfer Couplings

Standard Vent Caps for Stationary Tanks



Features:

- allows venting of tank to atmosphere at all times
- also referred to as a breather cap
- does not have pressure or vacuum valves

Male NPT	Aluminum Part #	
2½"	2500SFV	

Fuel Delivery Adapter Cap



- single action locking cap
- bronze cam arms
- replacement parts are available, contact Dixon® for more information

Size	<i>Aluminum</i> Part #	Optional Qty
4"	SA4050AL	10

Swivel Joints

Applications:

- used wherever a leak-proof swivel connection is needed in pipelines or in combination with hoses to eliminate hose twisting
- Industries range from petroleum, petrochemical, refining, mining, distilling, paint, farm
 irrigation and fertilizing, wastewater treatment plants and food and beverage process
 equipment. Dixon® swivel joints are found in blending plants, drum filling applications, fluid
 and dry bulk transfer, vacuum trucks, oil and gas trucks and water trucks. Larger swivels can
 be found in the steel industry, marine bulk transfer and many more.

Features:

- full 360° rotational movement
- · wide spacing between dual ball bearing raceways ensures greater load bearing capacity
- precision-machined design ensures alignment and years of trouble-free service
- · O-ring dust seal protects the ball races and seals chamber from outside elements
- radius elbow design ensures a smooth flow pattern
- · hydrostatic testing is performed on all swivels before shipment

Options Available:

- end configurations: female NPT,150# flanges, TTMA flange, grooved, weld end and many other variations
- seal options: Buna, FKM, PTFE, EPDM, FDA Buna, FFKM
- ball bearing materials: carbon steel, 440 stainless steel, and 316 stainless steel
- grease materials: Lithium, FDA approved/food grade and silicone
- swivels that include oxygen, steam or submerged service can be specifically designed for unique applications (special order)
- 100% full penetration weld
- · re-build kits available
- custom swivel options available, contact Dixon[®] at 888.226.4673

Swivel configurator available dixonvalve.com

O-ring Parts Identification List

- 1. O-ring (dust) seal
- 2. ball retainer screw
- 3. O-ring (pressure) seal
- 4. grease fitting
- 5. ball bearings

O-ring Features:

- sizes: 1" 4"
- O-ring pressure seal ensures a leak-proof seal and smooth rotation with lower torque.
- available working pressure ratings up to 1000 PSI
- · available in carbon steel, 316L stainless steel, aluminum, brass and malleable iron

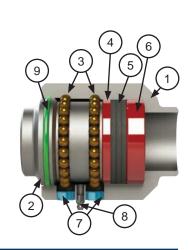
1 3

V-ring Parts Identification List

- 1. body
- 2. sleeve
- 3. ball bearings
- 4. seal retainer
- 5. V-ring (pressure) seal
- 6. spring retainer
- 7. ball retainer screw
- 8. grease fitting
- 9. O-ring (dust) seal

V-Ring Features:

- 2" 12" size range
- spring loaded triple V-ring sealing system ensures a leak-proof seal at either high or low pressure and extends seal life
- available working pressure ratings up to 1000 PSI
- available in carbon steel, 316L stainless steel and limited aluminum





Engineered Fluid Transfer Couplings

Single Plane Style 20



Size	<i>Aluminum</i> Part #	<i>Malleable Iron</i> Part #		
1½"	15020FXFAL00000	15020FXFMI00000		
2"	220FXFAL00000	220FXFMI00000		
3"	320FXFAL00000	320FXFMI00000		
4"	420FXFAL00000			

female NPT x female NPT

Single Plane Style 30



Size	<i>Aluminum</i> Part #	<i>Malleable Iron</i> Part #
1½"	15030FXFAL00000	15030FXFMI00000
2"	230FXFAL00000	230FXFMI00000
3"	330FXFAL00000	330FXFMI00000
4"	430FXFAL00000	

female NPT x female NPT

Swivel Joint Styles Planes of Rotation

Single Plane Style 40



female NPT x female NPT



150# ASA flange x 150# ASA flange

Double Plane Style 50



female NPT x female NPT



150# ASA flange x 150# ASA flange

Double Plane Style 60



female NPT x female NPT

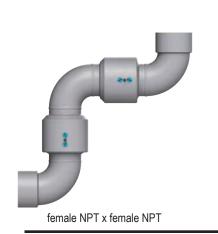


150# ASA flange x 150# ASA flange

[•] contact Dixon® at 888.226.4673 for additional sizes, materials and configurations

Swivel Joint Styles Planes of Rotation

Double Plane Style 70

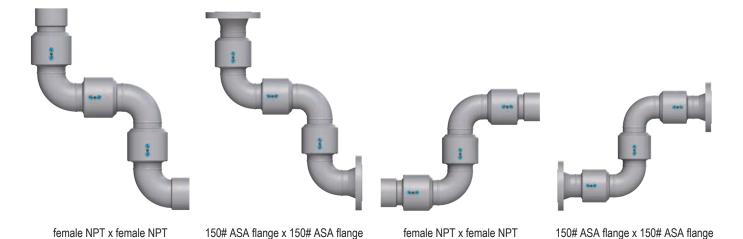




150# ASA flange x 150# ASA flange

Triple Plane Style 80

Triple Plane Style 10



Working Pressures

Dixon® swivels are recommended for use at the following maximum Non-Shock Cold Working Pressures (NSCWP) provided in PSI, at ambient temperatures 70°F (21°C).

Size	V-ring Carbon Steel CS	O-ring Carbon Steel OC	V-ring Stainless Steel SS	O-ring Stainless Steel OS	Aluminum AL	Brass BR	Malleable Iron MI
1"		1000		1000	150		
11/4"					150		
1½"		1000		1000	150	300	600
2"	1000	1000	1000	1000	150	300	600
3"	1000	1000	1000	1000	150	300	600
4"	1000		1000		150		
6"	1000				150		
8"					150		

- When using flanged ends, the pressure rating will be reduced to coincide with that of the flange being used. Carbon steel and stainless steel 150# flanges are recommended for use at 275 PSI maximum at ambient temperature 70°F (21°C).
- Lubrication should be performed periodically, depending on service and operating conditions. Twice yearly is normally sufficient.
- All dimensions are approximate. Where critical, contact Dixon[®] at 888.226.4673



Swivel Ordering Information

Size

Style (shape)

End configuration

Maximum working pressure

Temperature range

Media: specify product being handled (if chemical, advise concentration)

Submerged or oxygen service

If for constant rotation, advise RPM

If for suction service, advise maximum vacuum in inches of mercury (Hg)

Our Sales and Engineering staff will help you evaluate your swivel application, please call 888.226.4673.					
Example: 2 [A]	<u>20</u> <u>F</u> [B] [C]	X <u>F</u> [C]	<u>CS</u> <u>0</u> [D] [E]	<u>0</u> <u>1</u> [F] [G]	0 <u>0</u> [H] [I]
A Size					
B Style					
C End Connections	W Weld End	F Female NPT	FG 150# ASA Flange	TF Tank Truck Flange	PF 300# ASA Flange (not available in aluminum
D Material	CS (V-ring) Carbon Steel OC (O-ring) Carbon Steel	SS (V-ring) Stainless Steel OS (O-ring) Stainless Steel	AL Aluminum	BR Brass	MI Malleable Iron
Code	E Pressure Seal	F Dust Seal	G Retainers	H Ball Bearings	I Grease
0	Buna N (standard)	Buna N (standard)	no retainers (O-ring swivel)	carbon steel (Standard)	Lithium
1	FKM	FKM	PTFE (standard in CS V-ring) 1	440 grade SS	FDA approved/ food grade
2	PTFE		PTFE (standard in SS V-ring)	316 grade SS	Silicone (required with EPR seals)
3	Ethylene Propylene	Ethylene Propylene			
4	(requires silicone grease)	(requires silicone grease)			

¹ Aluminum retainers are no longer available. PTFE retainers will be standard for all V-ring swivels.



The swivel should be packed such that the surfaces coming in contact with the fluid being handled are compatible with that fluid. In a case where the swivel is being used in a submerged service, this would include the dust seals and ball bearings. We always recommend the use of the stainless steel ball bearings when building a swivel for submerged, service. Standard carbon steel ball bearings could rust together, making it impossible to disassemble the swivel and may affect operation.



ransfer Couplings

Loading Arm Swivels

Features:

- TTMA loading arm swivel with heavy duty D style shovel handle
- TTMA flanges on both ends
- shovel handle is used to guide the API load coupler onto the adapter on the tank truck
- long radius elbow improves flow into the API load coupler and provides spacing between the load arm and the tank truck
- can be used with flange extensions on page 36

Size	Description	<i>Aluminum</i> Part #
	Style 30 short radius, with handle, Buna seals	43HTFXTFAL00000
	Style 30 short radius, with handle, FKM seals	43HTFXTFAL11000
	Style 30 short radius, without handle, Buna seals	430TFXTFAL00000
	Style 30 short radius, without handle, FKM seals	430TFXTFAL11000
	Style 30 long radius, with handle, Buna seals	43HTFTFLAL00000
	Style 30 long radius, with handle, FKM seals	43HTFTFLAL11000
4"	Style 30 long radius, without handle, Buna seals	430TFTFLAL00000
	Style 30 long radius, without handle, FKM seals	430TFTFLAL11000
	Style 40 with handle, Buna seals	44HTFXTFAL00000
	Style 40 with handle, FKM seals	44HTFXTFAL11000
	Style 40 without handle, Buna seals	440TFXTFAL00000
	Style 40 without handle, FKM seals	440TFXTFAL11000
	Style 50 with handle, Buna seals	45HTFXTFAL00000
	Style 50 with handle, FKM seals	45HTFXTFAL11000
	Style 50 without handle, Buna seals	450TFXTFAL00000
	Style 50 without handle, FKM seals	450TFXTFAL11000







Replacement Parts

Description	Part #
4" schedule 80 aluminum nipple	ATN100X7
D style heavy duty shovel handle	100DHAN-AL
ball handle	100BHAN-AL NEW
buna seal kit	4RKOBU
FKM seal kit	4RKOVIVI





Dixon® Loading Arms



Applications:

· used in the transfer of liquids and dry bulk in refineries, chemical plants, rail terminals, truck terminals, tote and drum filling and food industry

Sizes:

• 2", 3", 4" and more upon request

Materials:

- · various materials available including: hardened carbon steel, 316L stainless steel and aluminum
- · seals: Buna, EPDM, FKM A and B, PTFE, Baylast and more on request
- counterbalance housing: steel

Features:

- · three options for sealing swivels: O-ring, V-ring and Split Flange
- · fast delivery for many sizes and styles
- · engineered with easy service in mind
- · wide variety of end configurations available
- torsion spring counterbalance:
 - · ball screw adjustment mechanism for easy and safe adjustment
 - multiple spring rates available for different load requirements
 - · multiple grease ports for ease of service

Visit dixonvalve.com/loadingarms for additional product information or call 888.226.4673.

Split Flange Swivels

Applications:

 Used in petroleum, blending plants, petrochemical, refining, mining, distilling, paint plants, farm irrigation and fertilizing, wastewater treatment, food and beverage process equipment and marine

Features:

- · bearing pack design allows easy seal change without removing the ball bearings
- · simple maintenance: remove one nose piece, replace seal pack, reinstall with little down-time
- instream seal separates wetted area from ball bearings allowing for longer bearing pack life over conventional swivels
- pressure rating: up to 600 PSI
- temperature: -40°F to 450°F (-40°C to 232°C) depending on seal material (with standard seals: 350°F (177°C)
- wide set bearing race for higher moment loads
- · compact design for low profile applications

Materials:

- bearing pack: through hardened forged high carbon alloy
- material contact surfaces: stainless steel or carbon steel nose pieces

Available options:

- stock end configurations: 150 lb. and 300 lb. flanges, FNPT, butt weld, others per request
- stock seals: Baylast[™], FKM, PTFE, others per request
- full penetration weld
- contact Dixon® at 888-226-4673 for additional materials and configurations

	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
Size	Weld x Weld	Weld x Weld	150# Flange x 150# Flange	150# Flange x 150# Flange
SIZE	with Baylast™	with FKM	with Baylast™	with FKM
	Pressure Seals	Pressure Seals	Pressure Seals	Pressure Seals
2"	SF220WXWCS00	SF220WXWCS10	SF220FGXFGCS00	SF220FGXFGCS10
3"	SF320WXWCS00	SF320WXWCS10	SF320FGXFGCS00	SF320FGXFGCS10
4"	SF420WXWCS00	SF420WXWCS10	SF420FGXFGCS00	SF420FGXFGCS10

Split Flange Swivel Components

Split Flange Bearing Packs

Size	Carbon Steel Part #
2"	2SFBP
3"	3SFBP
4"	4SFBP



Split Flange Nose Pieces

· 2 required per bearing pack

Size	Carbon Steel Part #	316 Stainless Steel Part #
2"	2SFNPCS	2SFNPSS
3"	3SFNPCS	3SFNPSS
4"	4SFNPCS	4SFNPSS



Seal Kits

- kits contains: seal, PTFE retainer, carbon steel bolts
- 1 required per bearing pack

		<i>7</i> 1		
Size		Baylast	FKM	PTFE
SIZE	;	Part #	Part #	Part #
2"		2SFSK-BAYLAST	2SFSK-VI	2SFSK-TES
3"		3SFSK-BAYLAST	3SFSK-VI	3SFSK-TES
4"		4SFSK-BAYLAST	4SFSK-VI	4SFSK-TES





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 59
- 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.

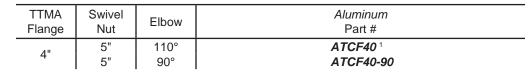
Male	Swivel	Elbow	316 Stainless Steel	<i>Aluminum</i>
Adapter	Nut		Part #	Part #
3"	5"	120°	RTCA30	
4"	5"	110°	RTCA401	ATCA40

¹ parts are produced as a welded fabrication

Style F

Features:

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



¹ part is produced as a welded fabrication

For flange dimensions, diagrams and additional information please reference dixonvalve.com.





110° elbow

110° elbow

Feature:

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

Flange Cou	pler Elbow	Part #
4" 4	1 '''	ATCGF40 ATCGF40-90

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Screen

Features:

- stainless steel screen encapsulated in a buna gasket
- · for use in Style GF elbows

Size	Hole Size	316L Stainless Steel Part #
4"	1"	400-G-BUSS

Style S



Shank	Swivel	Elbow	<i>Aluminum</i>
Size	Nut		Part #
4"	5"	110°	ATCS40

Railroad Tank Car Connections

Style T

Male	Swivel	Elbow	<i>Iron</i>	Aluminum
NPT	Nut		Part #	Part #
3"	5"	120°	TCT30	ATCT30
4"	5"	110°	TCT40	ATCT40



Style T

Components that make up these assemblies are not interchangeable between stainless steel and the other materials.



Male	Swivel	Elbow	316 Stainless Steel
NPT	Nut		Part #
3"	5"	120°	RTCT30
4"	5"	110°	RTCT40



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 124
- use Dixon® replacement handles only

Coupler	MaleTank Car Thread	Aluminum Part #
4"	5"	400DWX5TC



EZ Boss-LockTM x Coupler Tank Car Thread

- part is produced as a welded fabrication
- pressure rating is based on the seal of the mating part, see ratings on page 124
- use EZ Boss-Lock™ replacement handles only







Railroad Unloading Assemblies

Features:

- · robust aluminum body construction
- removable, easy carry handle
- safe and reliable valves will not open unless fittings are properly connected
- multiple configurations available, consult Dixon™ for pricing and availability



Assembly with MannTek Dry Disconnect Adapter

Adapter	Swivel Nut	<i>Aluminum</i>
Size	Size	Part #
4"	5"	ATC40ASSDDA

Assembly with API Adapter



Feature:

· stainless steel springs on the adapter and coupler for corrosion resistance

Adapter	Swivel Nut	Aluminum
Size	Size	Part #
4"	5"	ATC40ASSAPI

Dixon® Tank Car Adapters





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

Features:

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



pin lug

Size	356T6 Aluminum Part #	<i>Brass</i> Part #	<i>Iron</i> Part #	316 Stainless Steel Part #
2"	200-TCA-AL			200-TCA-SS
2" 3"	200-TCA-AL 300-TCA-AL	 300-TCA-BR	 300-TCA-MI	200-TCA-SS 300-TCA-SS

45° Swivel



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 more gaskets

	Part # 40A-45TCAL
Size	356T6 Aluminum

Note: 4" hose fittings for railroad tank car unloading can be found on pages 55 and 56.



ingineered Fluid ransfer Couplings

Railroad Tank Car

Cam & Groove Railroad Tank Car Gaskets

Old Style

Feature:

• for use with Dixon® fittings

Size	OD	ID	Thick	Leather Part #
5"	5¼"	31/2"	3/16"	G 9



Standard

Feature:

• for use with Dixon® fittings

Size	OD	ID	Thick	Material	Part #
	51/4"	31/8"	1/8"	Buna-N	500GTCABU
E"	5¼"	3%"	1/8"	FKM	500GTCAVI
5"	5¼"	31/8"	1/8"	fuel grade Buna	500GTCABF
	5-5/16"	31/8"	3/16"	FKM	500GTCAVITHK

PTFE Envelope

Features:

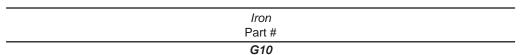
- for use with Dixon® fittings
- may be too thick for insertion in some older Dixon® fittings

Size	OD	ID	Thick	Material	Part #
 "	51/4"	3-13/16"	3/16"	PTFE with Buna-N filler	500GTCATF
5"	5¼"	3-13/16"	3/16"	PTFE with FKM filler	500GTCATV

Pin Lug Wrench

Feature:

· used on aluminum and iron tank car nuts







A

Bronze Sight Flow Indicators

Female NPT x Female NPT Stock Quantity Only

Features:

- · verifies flow and monitors color and clarity in fluid lines
- double window snap ring design
- bronze body
- · ABS indicator
- · tempered soda lime sight glass
- Buna-N seals
- · maximum operating pressure: 125 PSI
- maximum temperature: 200°F (93°C)
- · made in the USA

Size	Overall Length	Width	Height	<i>Bronze</i> Part #	Optional Qty
1/2"	3-13/16"	2-7/16"	2-7/16"	SF1631-050	1
3/4"	3-13/16"	2-7/16"	2-7/16"	SF1631-075	1
1"	4-3/8"	3"	3-1/8"	SF1631-100	1
1½"	4-5/8"	3-13/16"	4"	SF1631-150	1
2"	4-5/8"	3-13/16"	4"	SF1631-200	1



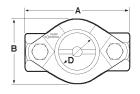
Female NPT x Female NPT Stock Quantity Only

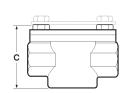


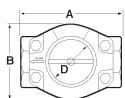
- · verifies flow and monitor color and clarity in fluid lines
- radial sealing method and bolt-on body design provide reliable service with no torquing maintenance required
- white acetal resin, 40% glass filled propeller style indicator is standard and best for observations at a distance or with opaque liquids ¹
- tempered soda lime sight glass²
- FKM seals are standard ³
- maximum operating pressure: 200 PSI at 150°F (66°C)
- maximum temperature: 225°F (107°C) at 150 PSI
- made in the USA
- 150# flanged units and other metals are available, consult Dixon® for price and availability.

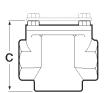


1/2"









1½"

Size	Overall Length A	Width B	Height C	Sight Opening D	Stainless Steel Part #	Optional Qty
1/2"	3¼"	2"	2-3/8"	11//8"	SF1471-050	1
3/4"	4¼"	2-9/16"	3-1/4"	1½"	SF1471-075	1
1"	41/4"	2-9/16"	3-1/4"	1½"	SF1471-100	1
11/2"	55/8"	3-5/16"	4-5/16"	2"	SF1471-150	1
2"	55/8"	3-5/16"	4-5/16"	2"	SF1471-200	1



- 2"
- Plain, flapper or drip tube style indicators are available as are PTFE indicators, consult Dixon® for price and availability.
- ² Special units with tempered borosilicate glass are available, consult Dixon® for price and availability.
- ³ PTFE, EPR and Buna-N seals are available, consult Dixon[®] for price and availability.

ADS Outalarms

Automated Design Service, Inc. (ADS) is now operating as Dixon® Industrial Fluid Control to manufacture products specifically designed for liquid terminal operations. Our standard product offering is shown on the following pages. However, there are numerous additional applications, materials and custom designs available, please visit dixonvalve.com/ADS for the latest information. Call 513.874.8499 or 877.582.3569 for technical information or assistance with ordering these products.

ADS Outalarms with Probe

Application:

 specifically designed for liquid terminal operation on batch loading and overfill protection, unloading, tank cars, tanks trucks, marine barges, suitable for open and closed dome

Features:

- · totally self-contained; no wires, tubing or external power
- rugged weather and corrosion resistant construction
- no moving parts, tip sensitive phase shift™ digital capacitance sensor for conductive and non-conductive fluid
- intrinsically safe design per ANSI/UL913 for Class I, Div I Groups A, B, C and D Hazardous Areas
- · requires no calibration or adjustment
- · operates up to 2500 hours on a single 9V alkaline battery
- adjustable insertion length through a standard ½" NPT fitting
- high intensity audible and flashing visual outputs
- · full, hard graduated laser engraved rod
- · fail safe continuous battery monitor goes to alarm state on low battery
- factory tuned to trip 1/4" into liquid
- 24", 36", 48" and 60" probe lengths standard, other lengths available
- battery current drain <0.23 ma during standby; <50 ma in alarm state
- horn intensity 101 dB at 2'
- light output 3 each 3000 mcd high intensity flashing LED's
- · wetted materials: 316 stainless steel, PTFE standard, other materials available
- pressure rating on standard unit: 50 PSI, consult Dixon® for applications up to 300 PSI
- · optional opto-isolated solid state contact output
- high temperature applications to 325°F (162°C)
- low temperature option good to -40°F (-40°C)
- temperature range: -14°F to 325°F (-26°C to 163°C)

ADS Outalarms with A100 Probe

- · capacitance Phase Shift probe
- 1/2" NPT gland standard
- minimum dielectric constant 1.8
- temperature range: -14°F to 250°F (-26°C to 121°C)

Length	Capacitance 250°F (121°C) maximum	Hi-temp Capacitance 325°F (163°C) maximum	Conductivity for conductive fluids
12"	A100C12A	A100HC12A	A100CSS12A
24"	A100C24A	A100HC24A	A100CSS24A
36"	A100C36A	A100HC36A	A100CSS36A
48"	A100C48A	A100HC48A	A100CSS48A
60"	A100C60A	A100HC60A	A100CSS60A
72"	A100C72A	A100HC72A	A100CSS72A
84"	A100C84A	A100HC84A	A100CSS84A







ADS 210 Spillguard™ Monitors

Application:

 shutdown system for tank cars, tank trucks, barges and ships, suitable for open and closed dome

- rugged, explosion proof, weather, chemical and corrosion resistant
- · LED status lights visible through glass cover
- inserts into tank through standard 1/2" NPT fitting
- probe can be portable or permanently installed in the vessel
- laser engraved graduated rod with ¼" graduations
- probe-to-controller cable protected by stainless steel interlocking armor sheath and heavy duty latching connectors at both ends
- fail safe design, unit trips in the event of an open or shorted cable or loss of power
- controller housing NEMA 4X, NEMA 7, Explosion Proof, Class I, II, Groups B, C and D
- choice of capacitance, conductivity, ultrasonic, temperature or float sensors
- insertion lengths 4" to 60" standard, other lengths available
- wetted materials: 316 stainless steel and PTFE standard, other materials available
- sensor suitable for Class I, II, III, Div 1, Groups A, B, C and D when used with supplied controller and cable lengths of 10,000' or less
- input power: 120 VAC, 240 VAC or 24 VDC, 2.5 watts
- output relay contacts 2 form C (2PDT) rated 2 amps at 120/240 VAC, 1 form C (SPDT) with optional latching circuit and reset switch
- output relay de-energizes on high level, broken or shorted sensor cables or loss of power
- sensor excitation open circuit voltage 8 VDC, short circuit current 8 MA with built-in FM approved barrier
- probe temperature range: -14°F to 212°F (-26°C to 100°C)
- probe pressure rating: 50 PSI with standard fitting, consult Dixon® for applications up to 300 PSI
- standard cable lengths: 15', 25' and 50', other lengths available
- cable connectors designed for repeated mating meet IP 65 mechanical and environmental specifications
- · optional self test feature, tilt and ground verification interlocks and latching circuit available

Monitor Options	24V DC	120V AC
A210 Spillguard™ monitor	A210-24	A210-120
with bypass timer	A210B-24	A210B-120
with external reset switch	A210R-24	A210R-120



ADS Spillguard™ Probes

Capacitance Probes

Application:

• for materials with dielectric constant > 1.8, liquids, powders, slurries

Materials:

• probe: 316 stainless · housing: NEMA 4X, IP66

Features:

- 1/2" NPT sliding fitting standard, 3/4" fitting optional
- · open dome adapter and washout fitting available
- · tilt sensor optional

Specifications:

• capacitance probe: 250°F (121°C) maximum high temperature probe: 325°F (163°C) maximum

Length	Capacitance	
Lengui	Capacitance	High-Temp
12"	A200PC12A	A200PHC12A
24"	A200PC24A	A200PHC24A
36"	A200PC36A	A200PHC36A
48"	A200PC48A	A200PHC48A
60"	A200PC60A	A200PHC60A
72"	A200PC72A	A200PHC72A
84"	A200PC84A	A200PHC84A

Conductivity Probes

Application:

· for conductive fluids such as acids and water based mixtures

Materials:

- probe: 316 stainless, Hastelloy available for HCL service
- housing: NEMA 4X, IP66

- ½" NPT sliding fitting standard, ¾" fitting optional
- · open dome adapter and washout fitting available
- pressure and tilt sensor options
- single electrode protected in housing
- · dual electrodes exposed for easy cleaning

Length		uctivity
Singl	Single Electrode	Dual Electrode
12"	A200PCSS12A	A200PCSSDP12A
24"	A200PCSS24A	A200PCSSDP24A
36"	A200PCSS36A	A200PCSSDP36A
48"	A200PCSS48A	A200PCSSDP48A
60"	A200PCSS60A	A200PCSSDP60A
72"	A200PCSS72A	A200PCSSDP72A
84"	A200PCSS84A	A200PCSSDP84A

Float Probes

Application:

· for use with foaming, very low density, or highly viscous liquids

Materials:

- probe: 316 stainless, Hastelloy available for HCL service
- housing: NEMA 4X

Features:

- single point standard, dual or multi-level float available
- open dome adapter and washout adapter available
- · A100 battery powered monitor

Length	A100	A200
20119411	Outalarm Float Probe	Float Probe
24"	A100F24DA	A200F24DA
36"	A100F36DA	A200F36DA
48"	A100F48DA	A200F48DA

Multi-Point Ultrasonic Probes

Application:

· for use when multiple detection points are required such as dribble mode, pump shutoff and overfill alarm

- up to 5 sense points available
- · pressure sensor
- · ground verification
- tilt storage probe only active in vertical operational position
- Built special order to customer specifications, contact Dixon Bayco at 513.874.8499 for more information.





outage gauge

ADS Outage Gauge

Applications:

- set level fill point for manual / visual fill control
- · measure outage requirements on mobile tanks

Feature:

· open dome bracket

Length	316 stainless steel	316 stainless steel
	Standard Outgauge Part #	Outgauge with J Bar Part #
2'	A800OG2	A800OGJ2
3'	A800OG3	A800OGJ3
4'	A800OG4	A800OGJ4
5'	A800OG5	A800OGJ5

ADS Gauge Rods

Application:

• used to gauge liquid levels in any mobile tank

Features:

- 1/2" x .065 wt hardened 316 stainless steel
- laser engraved scale with 1/4" graduations
- · rods come in two sections that screw together at the midpoint
- foot marks inscribed on rod at 1' intervals below the inch mark
- · heavy duty plastic handle
- available in 4', 8' and 12' lengths

316 Stainless Steel Part #
ADS4GR
ADS8GR
ADS12GR

laser engraving closeup

ADS Spillguard™ Armored Cables

Features:

- 3 or 5 pin connector
- 316 stainless steel armoured cable or yellow rubber cable
- custom lengths available, call 513.874.8499 or 877.582.3569 for more information

Armored Cables



Length	3 Pin	5 Pin
15'	A200CA3P15	A200CA5P15
20'	A200CA3P20	A200CA5P20
25'	A200CA3P25	A200CA5P25
50'	A200CA3P50	A200CA5P50

Rubber Cable 1



Length	3 Pin
25'	A200CB3P25

¹ for use with (-M) mini connectors only

Accessories

ADS Open Dome Adapters

Features:

- flexible design fits most domes
- ½ and ¾" NPT port for Outalarm probes

Stainless Steel

Part #

A100DA A100DB



Tank Washout Caps

Description	Part
tank truck 3" wash-out adapter, 1/2" NPT	A100TTA
tank truck 3" wash-out adapter, 3/4" NPT	A100TTB
washout cap with swivel	A200SA
washout cap with swivel and 2" vent	A200SVA



A100TTA



A200SA

Cable Junction Boxes

Description	Part
3 pin	A210CR-3
5 pin	A210CR-5



A210CR-3

Additional Parts & Accessories

Description	Part
1" cam and groove coupler and ½" NPT bushing, stainless steel	A100CA1050
1" cam and groove coupler with ½" NPT busing and 1" NPT vent tee, stainless	A100CA1050V
A100 / 200 splash guard, with 11/s" diameter poly	A100SG-POLY
locating tab for A100 / 200 probes	A100LT
replacement A100 monitor only	A100MTR
cable to monitor adapter	A100CBLMTR
A210 Piezo horn 24VDC	A210PZH-24
tri color external signal light	A210-120TC



A210PZH-24



A210-12TC

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Boss™ System	67 to 77	Holedall™	85 to 106
Ground joint	67 to 69	Coupling machines	85
Complete female	67	Recommended working pressure	86
Stems	67	External swage	87 to 92
Wing nuts	68	Stems	88 to 89
Knurled nut	68	Flange assembly	89
Female spuds	68	Female ends	90
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Double spuds	69	Ferrules	91, 92
Boss Holedall™ fittings	69	Internal swage	93 to 98
NPT adapters	70	Stems	93, 94
Wing nut caps	70	Ferrules	94
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Stems	71	Washers	99
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Wing nuts	77	Sanitary style crimp ferrules	106
Spuds	77		
•		King Crimp™	107 to 119
Boss™ LPS frac fittings	78 to 84	Crimp working pressure chart	
Complete male/female assemblies	78	Type C	108
Females	78	Type E	109
Males with nut	79	Global type C	109
Suction service	79	Global type E	
O-ring	79	Boss™ ground joint stems	
King Crimp™ style short ferrules		Sleeves	
One and two piece hammer union nuts		Ferrules	
Hammer union caps and plugs		Nipples	115, 116, 117
One-piece flange adapters		150# ASA fixed flanges	
Straights		Nipples x TTMA flange	116
Shorts		Nipple for floating flange	
Elbows	82	Short combination nipples	
Flange to weld adapters	83	Short ferrules	
Flange x male NPT		Large sleeves	
Port adapter		Heavy duty nipples	
Hammer union elbows		Heavy duty ferrules	
Hammer union elbows		y y	
Boss LPS™ System Components			

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 921 - 926)
- recommended for steam service up to 450°F (232°C)
- easy to seal
- use with Boss[™] clamps found on pages 75, 76



Boss™ Ground Joint Couplings with Female Spud

Hose Shank x NPT	Plated Steel and / or Iron Part #	316 Stainless Steel Part #	<i>Brass</i> Part #
1/4"	GF1 ¹		
3/8"	GF3 ¹		
1/2"	GF6		
½" x ¾"	GF26-1		
3/4"	GF26	RGF26	BGF26
1"	GF36	RGF36	BGF36
11/4"	GF51	RGF51	
1½"	GF61	RGF61	
2"	GF81 ²	RGF81 ²	
2½"	<i>GF</i> 96		
3"	GF111		
4"	GF141		
6"	GF201 ¹		



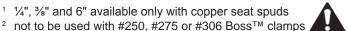






brass

	6"	GF201 ¹	
1	1/4". 3/8" and 6	6" available only with coppe	r seat spuds



Boss™ Ground Joint Stems

Hose Shank x NPT	Plated Steel and / or Iron Part #	Optional Qty	316 Stainless Steel Part #	<i>Brass</i> Part #
1/4"	GBA	100		
3/8"	GCA	100		
1/2"	GB1	100		
½" X ¾"	GB6-1	50		
3/4"	GB6	50	RGB6	BGB6
1"	GB11	50	RGB11	BGB11
11/4"	GB16	25	RGB16	
1½"	GB21	25	RGB21	
2"	GB26 ²	10	RGB26 ¹	
21/2"	GB31	5		
3"	GB36 ²	5		
4"	GB46	5		
6"	GB66	2		



plated iron / steel



316 stainless steel



brass

- ¹ not to be used with #250, #275 or #306 Boss™ clamps
- ² GB26 / GB36 have machined shank to accept Boss™ clamps,King Crimp™ sleeves, ferrules. Use only Boss clamps on GB26 / GB36 for steam service.

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. Pressure rating is based on the seal of the mating part. Reference dixonvalve.com for a complete list of ratings.

The King Crimp™ sleeve and ferrule are not intended for steam service.



Boss™ Wing Nuts

В

plated iron / steel



316 stainless steel



h	r	2	C	C

Size	Plated Steel Size and / or Iron Part #		316 Stainless Steel Part #	<i>Brass</i> Part #
1/4"	SLS4	100		
3/8"	СВ	100		
1/2"	B2	100		
3/4"	B12	25	RB12	BB12
1"	B12	25	RB12	BB12
11/4"	B17	25	RB17	
1½"	B17	25	RB17	
2"	B27	10	RB27	
2½"	B32	5		
3"	B37	5		
4"	B47	5		
6"	B67	2		

Boss™ Knurled Nut



Size	Plated Steel Part #	Optional Qty
3/4" and 1"	KB12	25

Boss™ Ground Joint Female Spuds



Thread	Plated Steel and / or Iron Part #	Optional Qty	316 Stainless Steel Part #	<i>Brass</i> Part #
1/4"	GBC ¹	100		
3/8"	GCC ¹	100		
1/2"	GB3	100		
3/4"	GB8	50	RGB8	BGB8
1"	GB13	50	RGB13	BGB13
11/4"	GB18	25	RGB18	
1½"	GB23	25	RGB23	
2"	GB28	10	RGB28	
2½"	GB33	5		
3"	GB38	5		
4"	GB48	5		
6"	GB68 ¹	2		

 $^{^{1}~~1\!\!/\!4&}quot;,~3\!\!/\!\!s"$ and 6" available only with copper seat spuds, all other sizes have polymer seats

Boss™ Ground Joint Male Spuds

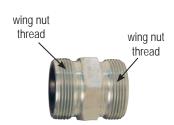
Thread	Plated Steel Part #	<i>Plated Iron</i> Part #
3/8"	GMC ¹	
1/2"	GM3	
3/4"	GM8	
1"	GM13	
1¼"		GM18
1½"		GM23
2"		GM28
21/2"		GM33
3"		GM38



¹ ¼", ¾" and 6" available only with copper seat spuds, all other sizes have polymer seats

Boss™ Ground Joint Double Spuds

Thread	Plated Steel Part #	Plated Iron Part #
1/2"	GDB3	
3⁄4" and 1"	GDB13	
1¼" and 1½"		GDB23
2"		GDB28
2½"		GDB33
3"		GDB38



Boss Holedall™ Fittings

Applications:

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



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

Size	Hose OD		Plated Iron / Steel	Stainless Steel
	From	То	Part #	Part #
	1-10/64"	1-14/64"	GF26P1	
3/4"	1-15/64"	1-18/64"	GF26P2	
	1-19/64"	1-22/64"	GF26P3	
	1-30/64"	1-34/64"	GF36P1	
1"	1-35/64"	1-38/64"	GF36P2	
	1-39/64"	1-42/64"	GF36P3	
	1-58/64"	2"	GF61P1	RGF61P1
1½"	2-1/64"	2-8/64"	GF61P2	RGF61P2
	2-9/64"	2-16/64"	GF61P3	
	2-28/64"	2-40/64"	GF81P1 ¹	RGF81P1
2"	2-41/64"	2-48/64"	GF81P2 ¹	RGF81P2
	2-49/64"	2-56/64"	GF81P3 ¹	
	3-30/64"	3-40/64"	GF111P1 ¹	
3"	3-41/64"	3-48/64"	GF111P2 ¹	
	3-49/64"	3-56/64"	GF111P3 ¹	







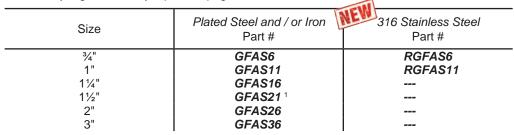
В

Boss™ Adapters

Female NPT

Features:

- designed to fit the standard ground joint spuds on pages 68, 69
- supplied with a wing nut, as shown
- for safety tags and safety tape, see page 910



¹ part is produced as a welded fabrication

Male NPT



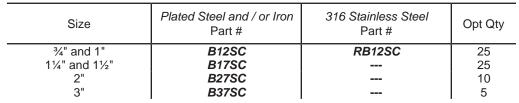
Size	Plated Steel and / or Iron Part #	316 Stainless Steel Part #
3/4"	GMAS6	RGMAS6
1"	GMAS11	
1¼"	GMAS16	
1½"	GMAS21	
2"	GMAS26 ¹	
3"	GMAS36	

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

Boss™ Wing Nut Caps

- supplied with 12" chain and washer
- for best results, use with washer style spuds and washers on page 72
- not intended for pressure applications







Features:

- recommended for steam service up to 450°F (232°C)
- · easy to seal
- Klingersil® C-4401 washer is inserted between the stem and
- · leakproof seal forms by rotating the wing nut and hammering it tight
- use with Boss[™] clamps found on pages 75 76
- use with wing nuts found on page 68



Boss™ Washer Seal Couplings with Female Spud

Hose Shank x NPT	Plated Steel and / or Iron Part #	316 Stainless Steel Part #
3/8"	WF3	
1/2"	WF6	
½" X ¾"	WF26-1	
3/4"	WF26	RWF26
1"	WF36	RWF36
11/4"	WF51	RWF51
1½"	WF61	RWF61
2"	WF81 ¹	RWF81 ¹
2½"	WF96	
3"	WF111	







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

Boss™ Washer Seal Stems

Hose Shank x NPT	Plated Steel and / or Iron Part #	Opt Qty	316 Stainless Steel Part #
3/8"	SS337	100	
1/2"	B1	100	
½" x ¾"	B6-1	50	
3/4"	B6	50	RB6
1"	B11	50	RB11
1¼"	B16	25	RB16
1½"	B21	25	RB21
2"	B26 ¹	10	RB26 ¹
21/2"	B31	5	
3"	B36	5	







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

Boss™ Washer Seal Female Spuds

Thread Size	Plated Steel and / or Iron Part #	Opt Qty	316 Stainless Steel Part #
3/8"	СС	100	
1/2"	B3	100	
3/4"	B8	25	RB8
1"	B13	50	RB13
11/4"	B18	25	RB18
1½"	B23	25	RB23
2"	B28	10	RB28
2½"	B33	5	
3"	B38	5	





Boss™ Washer Seal Male Spuds



Hose Coupling Systems



Thread	Plated Steel or Iron Part #
3/8"	WMC ¹
1/2"	WM3 ¹
3/4"	WM8 ¹
1"	WM13 ¹
1¼"	WM18 ²
1½"	WM23 ²

WM28²

WM38²

Plated Steel or Iron Part #

> **DB3**¹ **DB13**¹ **DB13**¹ **DB23**² **DB23**² **DB28**² **DB38**²

2"

3"

Boss™ Washer Seal Double Spuds

	Thread	
wing nut thread wing nut thread	3/8" 1/2" 3/4" 1" 11/4" 11/2" 2" 3"	

plated steelplated iron

Boss™ Washer Seal Washers



Size	Nitrile Rubber Bonded, Non-Asbestos Klingersil® C-4401 Part #
3/8"	WBC
1/2"	W2
3/4"	W12
1"	W12
11/4"	W17
1½"	W17
2"	W27
2½"	W32
3"	W37

¹ plated steel

² plated iron

Hose Coupling Systems

Boss™ Male Stems

Features:

- recommended for steam service up to 450°F (232°C)
 use with Boss™ clamps on pages 75 76 for safety tags and safety tape see page 910

Hose x NPT size	Plated Steel Bar Stock Part #	Opt Qty	Size	Plated Iron Part #	Opt Qty
½" X ½"	MS4X2	100			
1/4" x 1/4"	MSA	100			
1/4" X 3/8"	MSB	25			
3/8" X 1/4"	MS6X4	100	1¼"	MS16	20
3/8" X 3/8"	MSC	100	1½"	MS21	20
3/8" X 1/2"	MS6X8	50	2"	MS26	10
½" X ¼"	MS8X4	50	2½"	MS31	5
½" X ¾"	MS8X6	50	3"	MS36	5
½" X ½"	MS1	50	4"	MS46	2
½" X ¾"	MS8X12	25			
3/4" X 1/2"	MS12X8	25			
3/4" X 3/4"	MS6	50			
¾" x 1"	MS12X16	25			
1" x ¾"	MS16X12	25			
1" x 1"	MS11	25			



plated steel





316 stainless

316 Stainless Part #	Size	<i>Brass</i> Part #
RMS1		
RMS6	3/4"	BMS6
RMS11	1"	BMS11
RMS16	1¼"	BMS16
RMS21	1½"	BMS21
RMS26	2"	BMS26
RMS31		
	3"	
	Part # RMS1 RMS6 RMS11 RMS16 RMS21 RMS26 RMS31	Part # Size RMS1 RMS6 3/4" RMS11 1" RMS16 11/4" RMS21 11/2" RMS26 2" RMS31



brass



Hose Coupling Systems



LP Boss™ Male Stems - Male NPT End

Size	Schedule 40 Plated Steel Part #	Schedule 40 Stainless Steel Part #	Schedule 80 Plated Steel Part #
11/4"	LP16		LP16-80 ¹
1½"	LP21		LP21-80 ¹
2"	LP26		LP26-80 ¹
2½"	LP31		
3"	LP36	RLP36	
4"	LP46	RLP46	
6"	LP66		

¹ schedule 80 stems meet NFPA 58

B

LP Boss™ Male Stems - Beveled End



Size	Schedule 40 Unplated Steel Part #
2"	LPB26
3"	LPB36

Boss™ Hose Menders

Features:

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



Size	Part #
1/2"	M1
³¼" 1"	M6 M11
1¼"	M16
1½"	M21
2"	M26
2½"	M31
3"	M36

Boss™ **Spud x Hose Shank**

Material:

seat: polymer



Thread	Steel Part #
1"	GH1311
2"	GH2826

Boss™ Clamps

AWARNING

- 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.
- For all Bolt Tightening Sequences, please visit dixonvalve.com

Features:

- recommended for steam service up to 450°F (232°C)
- · recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon® for more information

2 Bolt Type, 2 Gripping Fingers

Torque
rorquo
10
18
_



4 Bolt Type, 2 Gripping Fingers

Hose ID	Hose	l	Zinc Plated Iron Part #	Pkg Qty	Stainless Steel ⁴ Part #	Torque ² ft. lbs.	<i>Brass</i> Part #	Torque
טו	from	to	r ait #	Qty	r arr #	11. 103.	r ait #	
1"	1-34/64"	1-46/64"	BU14	25	RBU14	21	BBU14	18
1"	1-44/64"	1-60/64"	B14	25	RB14	21		
1"	1-60/64"	2-8/64"	B15	20		21		
11/4"	1-32/64"	1-50/64"	BU18	20		40		
11/4"	1-50/64"	2-6/64"	BU19	10		40		
11/4"	2-8/64"	2-24/64"	B19	10	RB19	40		
1½"	1-52/64"	2"	BU22	10		40		
1½"	2"	2-14/64"	B22	10		40		
1½"	2-12/64"	2-24/64"	BU24	10	RBU24	40		
1½"	2-24/64"	2-36/64"	B24	10	RB24	40		
1½"	2-36/64"	2-48/64"	B25	10		40		
2"	2-22/64"	2-34/64"	BU28	9		60		
2"	2-32/64"	2-50/64"	BU29	10	RBU29	60	BBU29 1	40
2"	2-48/64"	3-4/64"	B29	10	RB29	60		
2"	3-6/64"	3-28/64"	B30	5		60		
2½"	3-6/64"	3-28/64"	BU34	5		60		
21/2"	3-32/64"	3-60/64"	B34	5		150		
3"	3-32/64"	3-60/64"	BU35	5	RBU35	150		
3"	3-52/64"	4-4/64"	B35	5		150		
3"	4-4/64"	4-28/64"	B39	5		200		



- will become obsolete as inventory is depleted
- 2 torque applies to plated iron and stainless steel clamps
- ³ global investment cast carbon steel
- 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

AWARNING

- 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.*
- for all bolt tightening sequences, please visit dixonvalve.com

Features:

- recommended for steam service up to 450°F (232°C)
- recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon® for more information

4 Bolt Type, 4 Gripping Fingers



Hose	Hose	OD	Zinc Plated Iron	Optional	Torque
ID	from	to	Part #	Qty	Ft. Lbs.
1/2"	58/64"	1-2/64"	968	50	6
1"	1-26/64"	1-36/64"	156	20	21
11/4"	1-44/64"	1-56/64"	187	10	21
1¼"	1-56/64"	2-4/64"	206	20	21
1½"	2"	2-8/64"	212	10	21
1½"	2-4/64"	2-16/64"	225	10	40
2"	2-16/64"	2-32/64"	250 ¹	10	40
2"	2-32/64"	2-48/64"	275 ¹	10	40
2"	2-48/64"	3-4/64"	306 ¹	5	60
2½"	3-4/64"	3-32/64"	350	5	60
3"	3-32/64"	3-48/64"	375	5	60
3"	3-48/64"	4"	401	5	150
3"	4"	4-12/64"	418	2	200
3"	4-12/64"	4-32/64"	450	2	200

¹ not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81,RWF81, RB26



6 Bolt Type, 3 Gripping Fingers

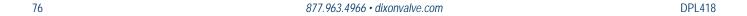


Hose	Hose OD		Zinc Plated Iron	Optional	Torque
ID	from	to	Part #	Qty	Ft. Lbs.
3"	4-16/64"	4-52/64"	BS39	2	150
4"	4-40/64"	5"	B45	3	150
4"	4-56/64"	5-16/64"	BS49	2	200
4"	5-16/64"	5-38/64"	BU49	2	200
4"	5-34/64"	5-60/64"	B49	2	200

6 Bolt Type, 6 Gripping Fingers



Hose	Hose OD		Zinc Plated Iron	Optional	Torque
ID	from	to	Part #	Qty	Ft. Lbs.
6"	6-56/64"	7-24/64"	750	1	200
6"	7-32/64"	8"	850	1	200



Ground Joint Air Hammer Couplings with Female Spud

Female Spud

Features:

- rounded steel head of stem fits concave inserts in spuds for superior sealing
- metal-to-metal copper seat seal
- for use with Boss[™] clamps on page 75 -76

Style	NPT Size	Plated Steel / Iron Part #
Compact	1/2" 3/4"	GDF6 GDF8
Heavy Duty	3/4" 1"	GDF10 GDF12



Stems

Style	Hose ID	<i>Plated Steel</i> Part #
Compact	1/2" 3/4"	GBA45 GBA46
Heavy Duty	3 <u>/4</u> " 1"	GBB18 GBB11



Wing Nuts

Style	Hose ID and NPT Sizes	Coarse Nut Thread	<i>Iron</i> Part #
Compact	1/2" 3/4"	1-31/64" OD x 8 TPI	J47 J47
Heavy Duty	3/4" 1"	1-47/64" OD x 8 TPI	DLB12 DLB12



Female Spuds

Style	NPT Size	Coarse Nut Thread	Plated Steel w/ Copper seat Part #
Compact	1/2" 3/4"	1-31/64" OD x 8 TPI	GJ65 GJ55
Heavy Duty	3/4" 1"	1-47/64" OD x 8 TPI	GDL8 GDL13



Male Spuds

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Plated Steel w/ Copper seat Part #
Compact	1/2" 3/4"	1-31/64" OD x 8 TPI	GJ60 GJ50
Heavy Duty	3/4" 1"	1-47/64" OD x 8 TPI	GDL7 GDL10



Double Spuds

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Plated Steel w/ Copper seat Part #
Compact	1/2" 3/4"	1-31/64" OD x 8 TPI	GJ75 GJ75
Heavy Duty	3/4" 1"	1-47/64" OD x 8 TPI	GDL25 GDL25



D

Dixon® Frac Fittings

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 (21°C) for 3" and 4" sizes; 4:1 safety factor (SF) 1
- 230 PSI working pressure at 70°F (21°C) for 6" size; 4:1 safety factor (SF)
- 150 PSI working pressure at 70°F (21°C) for 8" size; 3:1 safety factor (SF)
- 1 400 PSI working pressure with a minimum 4:1 safety factor (hose burst: hose working pressure) is only achieved with:
 - 3" size uses standard crimp ferrules
 - 4" size requires heavy duty (HD) crimp ferrules, CF400-6CSHD through CF400-16CSHD and heavy duty stems

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:

- 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

Complete Male / Female Assembly



Size	Figure	Part #
2"	206	HUMF206200CS
3"	100	HUMF100300CS
<u> </u>	206	HUMF206300CS
4"	100	HUMF100400CS
4	206	HUMF206400CS
6"	100	HUMF100600CS
	206	HUMF206600CS
8"	100	HUMF100800CS
O	206	HUMF206800CS

Female



3" and 4"



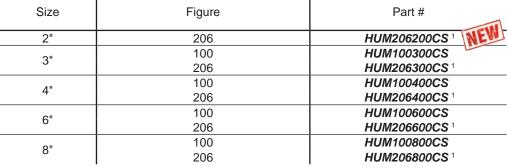
	-	
Size	Figure	Part #
2"	206	NEW HUF206200CS
3"	100	HUF100300CS
3	206	HUF206300CS
4"	100	HUF100400CS
4	206	HUF206400CS
6"	100	HUFALL600CS 1
	206	HOFALLOUGS
8"	100	HUFALL800CS 1
ŏ	206	HUFALL800C3

¹ meets both figure 100 and 206 dimensional specifications

Dixon® Frac Fittings

Male with Nut

Size	Figure	Part #
2"	206	HUM206200CS 1 NEW
3"	100	HUM100300CS
3	206	HUM206300CS 1
4"	100	HUM100400CS
4	206	HUM206400CS 1
6"	100	HUM100600CS
0	206	HUM206600CS 1
8"	100	HUM100800CS
0	206	HUM206800CS ¹





3" and 4"



Suction Service Fittings

Size	Figure	Description	Forged Steel Part #
5"	50	socket weld x suction male hammer union (includes O-ring, no nut)	HUSM500SW-1
		socket weld x suction female hammer union	HUSF500SW
5"	N/A	split nut, suction and discharge, black	HUS500RN



HUSM500SW-1



HUSF500SW

Dixon® Frac Fitting O-rings

Size	Figure	Buna-N Part #
3"	206	O238BU
4"	206	O347BU
6"	206	O440BU
8"	206	O447BU



King Crimp[™] Style **Short Frac Ferrules**

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



¹ includes nut and O-ring

Dixon® Hammer Union Nuts

One-Piece

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

Size	Figure	Forged Steel AISI Standards Part #
2"	206	NEW HU206200N
3"	100	HU100300N
3	206	HU206300N
4"	100	HU100400N
4	206	HU206400N
6"	100	HU100600N
0	206	HU206600N
0"	100	HU100800N
8"	206	HU206800N



Applications:

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



3" and 4"

6" and 8"

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[®]

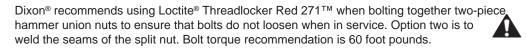




figure 100

Size	Figure	Forged Steel AISI Standards Part #
4"	split nut, figure 200/206, blue (includes bolts)	HU200400RN
5"	split nut, suction and discharge, black	HUS500RN
- CII	split nut, figure 100, black (includes bolts)	HU100600RN
6"	split nut, figure 200/206, blue (includes bolts)	HU200600RN
8"	split nut, figure 100, black (includes bolts)	HU100800RN
	split nut, figure 200/206, blue (includes bolts)	HU200800RN

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 and include a threaded bolt hole for attaching chain or cable
- plugs are designed with larger handle for easier installation and disassembling and include a handle hole to attach chain or cable
- forged steel meets AISI standards

Blanking Caps

Size	Figure	Description	Forged Steel Part #
2"	206	includes nut/plug body, O-ring and retaining ring	HUC206200
4"	206	includes nut/plug body, O-ring and retaining ring blue with nut/plug body and retaining ring with bolt & chain	HUC206400 HUC206400BC
4	207	cap only blanking cap with bolt & chain	HUC207400 HUC207400BC
6"	206	includes nut/plug body, o-ring and retaining ring	HUC206600
8"	206	includes nut/plug body, o-ring and retaining ring	HUC206800



HUC207400

Blanking Plugs

-				
	Size	Figure	Description	Forged Steel Part #
	4"	207	plug only with chain and d-link (shackle/bolt)	HUP207400 HUP207400DC
Ī	6"	100/200/206	hammer union, connects to figures 100/200/206	HUPALL600 м
	8"	100/200/206	hammer union, connects to figures 100/200/206	HUPALL800





HUPALL600

O-ring

Size	<i>Buna-N</i> Part #
4"	O429BU



Dixon® One-Piece Flange Adapters

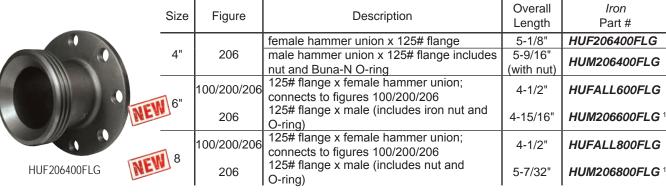
Application:

- used in the transfer of water, brine, water-based chemicals, water-based acids, and gelatinous proppant (sand) slurry used at hydraulic fracturing sites
- use 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
- 125# flange match the bolt pattern of 150# flange
- iron adapters meet ASTM standards
- · forged steel nuts meet AISI standards

Flange Adapters - Straight



¹ nut is iron

Flange Adapters - Short



HUM206400FLG-ST

Size	Figure	Description	Overall Length	<i>Iron</i> Part #
		female hammer union x 125# flange short	3"	HUF206400FLG-ST
4"	206	male hammer union x 125# flange short includes nut and Buna-N O-ring	3-13/32"	HUM206400FLG-ST

Flange Adapters - 45° Elbow



HUM206400FLG-45

Size	Figure	Description	Overall Length	<i>Iron</i> Part #
4"	000	female hammer union x 125# flange 45° elbow	10-31/32"	HUF206400FLG-45
4"	206	male hammer union x 125# flange 45° elbow includes nut and Buna-N O-ring	12-1/32" (with nut)	HUM206400FLG-45



	O-ring
Size	Buna-N Part #
4"	O347BU

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

O rina

Dixon® One-Piece Adapters

150# Flange to Weld Adapters

Features:

- used on a 12" pipe manifold
- · easy to weld
- · formed butt weld provides accurate alignment
- · compatible with other reliable brands

Size	Description	<i>Weldable Cast Steel</i> Part #
4"	150# flange x weld adapter, vertical 150# flange x weld adapter, offset 150# flange x weld adapter, vertical 150# flange x weld adapter, offset	WA4FL12X750-1 WA4FL12X750-2 WA4FL12X1050-1 WA4FL12X1050-2





Offset Pattern



• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

125# Flange x Male NPT

Size	Description	<i>Ductile Iron</i> Part #
4"	125# flange x male NPT 125# flange x male NPT - long	4FAMT 4FAMTL

Port Adapter

Size	Figure	Description	<i>Iron</i> Part #
2"	206	male NPT x female hammer union	HUF206200MT

Hammer Union Elbows

Features:

- no welds or pipe threads to deteriorate and cause premature leakage
- easy to weld to 12" pipe manifolds

Size	Figure	Description	Ductile Iron Part #
4"	206	male hammer union x female hammer union 45° elbow male hammer union x female hammer union 60° elbow male hammer union x female hammer union 80° elbow male hammer union x female hammer union 90° elbow	HUMF20640060 HUMF20640080



HUMF20640080

83



10½"

Boss[™] Low Pressure System Components

Dixon® is committed to improving end user productivity and reducing environmental and safety related incidents on the low pressure side of hydraulic fracturing sites. Boss™ Low Pressure System products are built around the premise; "no welds, no threads, no leaks." The product line is continually expanding, visit dixonvalve.com/bosslps for the latest updates.



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.

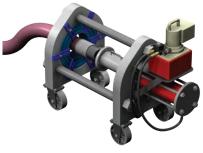
15 Ton Ram



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: 1/2 h.p., 115 volt, 60 cycle, single phase with foot pedal

100 Ton Ram



Features:

- for externally swaging Holedall™ fittings to hose, sizes 11/4' 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: 11/8 h.p., 115 volt, 60 cycle, single phase motor is standard with remote, (220/440 volt motors are available)

350 Ton Ram



25 Ton Ram



Features:

- can externally swage 1/4" 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

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: 121/2 h.p., 230 volt, 60Hz, 3 phase motor is standard with remote



Features:

- can externally swage 1½" 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 11/8 h.p., 115 volt, 60 cycle, single phase, standard with remote, (220/440 volt motors are available)

All Rams require dies of the proper size to reduce the ferrule to the proper diameter for a good grip on the hose. Pushers of the proper size must be used on the end of the Ram to push the Holedall™ fitting through the die. Die and pusher selection depends on the sizes and types of hoses being coupled. Ferrule recommendations 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

HoledallTM couplings are not to be used with plastic lineu criefing.

HoledallTM couplings (Externally Swaged), to perform satisfactorily, must be applied properly in accordance with Dixon® assent procedures, using the correct die and ferrule for that particular hose end OD. The Dixon® 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) ². Media being transported through the hose should be compatible with the stemplifications of the recommended. Consult the Compatible with the stemplifications of the recommended of the compatible with the stemplifications of the recommended. Consult the Compatible with the stemplifications of the recommended of the compatible with the stemplifications of the recommended of the compatible with the stemplifications of the recommended of the compatible with the stemplifications of the recommended of the compatible with the stemplifications of the recommended of the compatible with the stemplifications of the recommended of the compatible with the stemplifications of the recommended of the compatible with the stemplifications of the recommendation of the compatible with the stemplifications of the recommendation of the compatible with the stemplifications of the recommendation of the compatible with the comp Holedall™ couplings (Externally Swaged), to perform satisfactorily, must be applied properly in accordance with Dixon® assembly 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

pressure for the fitting (reference chart below) 2. 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 the Compatibility Chart on dixonvalve.com or contact Dixon® for material compatibility. For applications other than the ones listed, please consult Dixon®.

Externally Swaged

Internally Expanded

		Light Duty Fittings						
Size	Standard Fittings ¹	Long Style Fittings ¹	NO Notched Fittings ¹	NOS Notched Short Fittings ¹	Cam and Groove ¹	Holedall™ DIN Crimp Stems ¹	Internally Expanded ¹	Flow Chief / Crimp Sanitary Fittings ¹
	TM, TP, TG, TMR, TPR, TGR	TML, TPL, TGL	TM, TP, TG, RN•••NO	RST•••NOS, STC•••NOS, GAS••••NOS		НА••••	IXM, IXV, IXH	IXSE, IXFS, IXMS, CSSR
3/4"								
1"					250			
11/4"	600	1,000	350				800	
13/8"								
1½"	600	1,000	350	250	250	145	800	250
2"	600	1,000	350	250	250	145	800	250
21/2"	600	1,000	250		150		600	250
3"	600	1,000	250	250	125	145	600 ³	250
4"	500	850	250	4	100		500 ³	200
5"	450	750						
6"	400	700					400	
8"	350	600						
10"	300	550						

¹ maximum recommended working pressures, in PSI, given at 70°F ambient temperature

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®.

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.

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 reccomendations

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 see page 85 - these rams will accommodate dies and pushers of various sizes so that hoses up to 10" in diameter may be coupled.

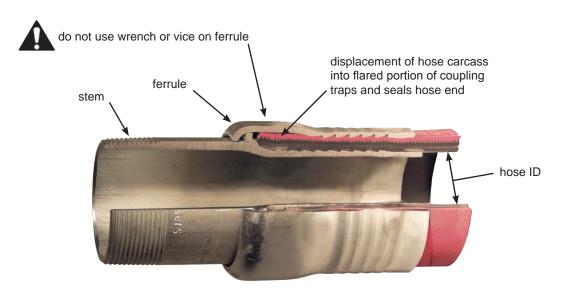
This multi-purpose, high pressure coupling system requires no bolts and results in a clean coupling with no protrusions. The swaging operation is fast and hose of various lengths and different styles can be coupled. Ease of operation, flexibility and economy make the Holedall™ method an unequalled assembly system.

Features:

- · 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

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 Holedall™ products.





cross-section of Holedall™ externally swaged assembly

L 0)



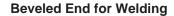
External Swage Stems

Male NPT End Tubular Type

Features:

- \bullet designed for hose ID's 1¼" 10", ferrule size depends on the hose OD, refer to page 91 to select the correct ferrule
- for higher working pressure applications use long style stems and ferrules

Hose ID	Plated Carbon Steel Part #	316 Stainless Part #	Long Style <i>Carbon Steel</i> Part #
11/4"	TM20	TMR20	TML20
1½"	TM24	TMR24	TML24
2"	TM32	TMR32	TML32
21/2"	TM40	TMR40	TML40
3"	TM48	TMR48	TML48
4"	TM64	TMR64	TML64
5"	TM80		TML80
6"	TM96	TMR96	TML96
O	TMR96-42		
8"	TM128		TML128
10"	TM160		



Hose ID	Unplated Carbon Steel Part #	316 Stainless Steel Part #	Long Style <i>Unplated Carbon Steel</i> Part #
11/4"	TP20		TPL20
1½"	TP24		TPL24
2"	TP32	TPR32	TPL32
2½"	TP40		TPL40
3"	TP48	TPR48	TPL48
4"	TP64	TPR64	TPL64
5"	TP80		TPL80
6"	<i>TP</i> 96		TPL96
8"	TP128		TPL128
10"	TP160		TPL160

Grooved End

Hose ID	Plated Carbon Steel Part #	316 Stainless Part #	Long Style <i>Plated Carbon Steel</i> Part #
11/4"	TG20		TGL20
1½"	TG24	TGR24	TGL24
2"	TG32	TGR32	TGL32
21/2"	TG40	TGR40	TGL40
3"	TG48	TGR48	TGL48
4"	TG64	TGR64	TGL64
5"	TG80		TGL80
6"	TG96		TGL96
8"	TG128		TGL128
10"	TG160		TGL160





Special Holedall™ Stems

Hose ID	Material	Thread	Part #
4"	carbon steel	NPT	TM64-42
4"	carbon steel	NPT	TML64-42
6"	unplated carbon steel	NPT	TM96-42
6"	316 stainless	NPT	TMR96-42
6"	carbon steel	NPT	TML96-42
6"	unplated carbon steel	beveled	TP96-42
6"	316 stainless	beveled	TPR96-42
6"	carbon steel	grooved	TGL96-42
6"	carbon steel	grooved	TG96-42
8"	unplated carbon steel	NPT	TM128-42
8"	carbon steel	beveled	TP128-42
8"	carbon steel	grooved	TG128-42



Hose Coupling Systems

• use with external swage ferrules on page 91

External Swage

Flange 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®

Hose ID	Hose	OD	Carbon Steel	Stainless Steel
1100012	From	l To	Part #	Part #
	2-28/64"	2-40/64"	32P1SO15	R32P1SOR15
2"	2-41/64"	2-48/64"	32P2SO15	R32P2SOR15
	2-49/64"	2-56/64"	32P3SO15	R32P3SOR15
	3-30/64"	3-40/64"	48P1SO15	R48P1SOR15
3"	3-41/64"	3-48/64"	48P2SO15	R48P2SOR15
	3-49/64"	3-56/64"	48P3SO15	R48P3SOR15
	4-40/64"	4-44/64"	64P1SO15	R64P1SOR15
4"	4-45/64"	4-52/64"	64P2SO15	R64P2SOR15
	4-53/64"	4-60/64"	64P3SO15	R64P3SOR15
	7"	7-4/64"	96P1SO15	R96P1SOR15
6"	7-5/64"	7-12/64"	96P2SO15	R96P2SOR15
	7-13/64"	7-20/64"	96P3SO15	R96P3SOR15
	9-20/64"	9-24/64"	128P1SO15	
8"	9-25/64"	9-32/64"	128P2SO15	
	9-33/64"	9-40/64"	128P3SO15	
	•	-	•	-



Floating Flange

Hose ID	Hose	OD	Carbon Steel	Stainless Steel
11026 10	From	То	Part #	Part #
	2-28/64"	2-40/64"	32P1LJ15	R32P1LJR15
2"	2-41/64"	2-48/64"	32P2LJ15	R32P2LJR15
	2-49/64"	2-56/64"	32P3LJ15	R32P3LJR15
	3-30/64"	3-40/64"	48P1LJ15	R48P1LJR15
3"	3-41/64"	3-48/64"	48P2LJ15	R48P2LJR15
	3-49/64"	3-56/64"	48P3LJ15	R48P3LJR15
	4-40/64"	4-44/64"	64P1LJ15	R64P1LJR15
4"	4-45/64"	4-52/64"	64P2LJ15	R64P2LJR15
	4-53/64"	4-60/64"	64P3LJ15	R64P3LJR15
	7"	7-4/64"	96P1LJ15	R96P1LJR15
6"	7-5/64"	7-12/64"	96P2LJ15	R96P2LJR15
	7-13/64"	7-20/64"	96P3LJ15	R96P3LJR15
	9-20/64"	9-24/64"	128P1LJ15	
8"	9-25/64"	9-32/64"	128P2LJ15	
	9-33/64"	9-40/64"	128P3LJ15	



• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

External Swage Stems - Female End

Hose Coupling Systems

e (harry and

two piece design 1"



one piece design 1¼" - 2"

Hose OD Plated Carbon Steel Size Part # from to TF16WF1-80 1-30/64" 1-34/64" 1" 1-34/64" TF16WF2-80 1-38/64" 1-35/64" 1-42/64" TF16WF3-80 1-44/64" 1-48/64" TF20WF1-801 11/4" 1-49/64" 1-56/64" TF20WF2-801 1-57/64" 2" TF20WF3-801 2-40/64" 2-36/64" TF32WF1-801 2" 2-41/64" 2-48/64" TF32WF2-801 2-56/64" TF32WF3-801 2-49/64"

В

External Swage Uni-Range Male Couplings

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 $\frac{1}{4}$ " 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®



Hose ID	Hos From	e ID To	Plated Carbon Steel Part # Stainless / Carbon Steel Part #		Stainless Steel Part #
	34/64"	38/64"	4P1		
1/4"	38/64"	42/64"	4P2		
	42/64"	46/64"	4P3		
	46/64"	50/64"	6P1		
3/8"	50/64"	54/64"	6P2		
	54/64"	58/64"	6P3		
	54/64"	58/64"	8P1		
1/2"	58/64"	62/64"	8P2		R8P2SS
	62/64"	1-2/64"	8P3		
	1-6/64"	1-12/64			R12P1250
	1-10/64"	1-14/64"	12P1	R12P1	
3/4"	1-13/64	1-22/64			R12P1370
	1-14/64"	1-18/64"	12P2	R12P2	
	1-18/64"	1-22/64"	12P3	R12P3	
	1-30/64"	1-34/64"	16P1	R16P1	
1"	1-30/64"	1-38/64"			R16P1620
	1-34/64"	1-38/64"	16P2	R16P2	
'	1-38/64"	1-42/64"	16P3	R16P3	
	1-38/64"	1-46/64"			R16P1770
	1-42/64"	1-46/64"	16P4	R16P4	

¹ Special pusher required for 1¼" and 2" sizes: 1¼" 25PUSH125-MOD, 2" 25PUSH200MOD

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, page 88
 style FL ferrules are extra long and are used with all long style stems, page 88

Style			are used with all long style ste		
Size	Hose		Plated Carbon Steel	Plated Carbon Steel	
	From	To	Part #	Long Style Part #	
	1-44/64" 1-49/64"	1-48/64" 1-56/64"	F20-1 F20-2	FL20-1 FL20-2	
11/4"	1-57/64"	2"	F20-2	FL20-3	
	2-1/64"	2-8/64"	F20-4	FL20-4	
	1-58/64"	2"	F24-1	FL24-1	
	2-1/64"	2-8/64"	F24-2	FL24-2	
1½"	2-9/64"	2-16/64"	F24-3	FL24-3	
	2-17/64" 2-25/64"	2-24/64" 2-32/64"	F24-4 F24-5	FL24-4	
	2-23/64"	2-40/64"	F32-1	FL24-5 FL32-1	
0.11	2-41/64"	2-48/64"	F32-2	FL32-2	
2"	2-49/64"	2-56/64"	F32-3	FL32-3	
	2-57/64"	3-2/64"	F32-4	FL32-4	
	2-62/64"	3-8/64"	F40-1	FL40-1	
01/"	3-9/64"	3-16/64"	F40-2	FL40-2	
2½"	3-17/64" 3-25/64"	3-24/64" 3-32/64"	F40-3 F40-4	FL40-3 FL40-4	
	3-23/64"	3-40/64"	F40-4 F40-5	FL40-4 FL40-5	
	3-30/64"	3-40/64"	F48-1	FL48-1	
	3-41/64"	3-48/64"	F48-2	FL48-2	
3"	3-49/64"	3-56/64"	F48-3	FL48-3	
	3-57/64"	4"	F48-4	FL48-4	
	4-1/64"	4-8/64"	F48-5	FL48-5	
	4-30/64" 4-40/64"	4-39/64" 4-44/64"	F64-Z ¹ F64-1	FL64-Z1 FL64-1	
	4-45/64"	4-44/64	F64-2	FL64-7 FL64-2	
	4-53/64"	4-60/64"	F64-3	FL64-3	
4"	4-61/64"	5-4/64"	F64-4	FL64-4	
	5-5/64"	5-12/64"	F64-5	FL64-5	
	5-13/64"	5-20/64"	F64-6	FL64-6	
	5-21/64	5-28/64"	F64-7	FL64-7	
	5-29/64" 5-56/64"	5-36/64" 5-60/64"	F64-8 F80-1	FL64-8 FL80-1	
	5-61/64"	6-4/64"	F80-2	FL80-2	
	6-5/64"	6-12/64"	F80-3	FL80-3	
5"	6-13/64"	6-20/64"	F80-4	FL80-4	
	6-21/64"	6-28/64"	F80-5	FL80-5	
	6-29/64"	6-38/64"	F80-6	FL80-6	
	6-37/64" 6-44/64"	6-44/64" 6-63/64"	F80-7 F96-Z ¹	FL80-7 FL96-Z1	
	7"	7-4/64"	F96-1	FL90-2 FL96-1	
	7-5/64"	7-12/64"	F96-2	FL96-2	
	7-13/64"	7-20/64"	F96-3	FL96-3	
6"	7-21/64"	7-28/64"	F96-4	FL96-4	
O	7-29/64"	7-36/64"	F96-5	FL96-5	
	7-37/64"	7-44/64"	F96-6	FL96-6	
	7-45/64" 7-53/64"	7-52/64" 7-60/64"	F96-7 F96-8	FL96-7 FL96-8	
	7-53/64"	8"	F96-9	FL96-9	
	8-53/64"	8-56/64"	F128-X ¹		
	9"	9-9/64"	F128-Y	FL128-Y	
j	9-20/64"	9-24/64"	F128-1	FL128-1	
0.11	9-25/64"	9-32/64"	F128-2	FL128-2	
8"	9-33/64" 9-41/64"	9-40/64" 9-48/64"	F128-3 F128-4	FL128-3 FL128-4	
	9-49/64"	9-46/64"	F126-4 F128-5	FL128-4 FL128-5	
	9-57/64"	10"	F128-6	FL128-6	
	10-1/64"	10-4/64"	F128-7	FL128-7	
	11-32/64"	11-44/64"	F160-1	FL160-1	
	11-45/64"	11-60/64"	F160-2	FL160-2	
10"	11-61/64"	12-12/64"	F160-3	FL160-3	
	12-13/64" 12-29/64"	12-28/64" 12-44/64"	F160-4 F160-5	FL160-4 FL160-5	
	12-29/64	12-44/64	F160-5 F160-6	FL160-5 FL160-6	
	12 10/07	1 12 00/07	1 100 0	, = , 50 0	





long style

¹ requires use with special stems on page 89

[•] for applications with hose OD ranges not listed, contact Dixon®





- for use with standard length stems styles TMR, TPR, and TGR series on pages 88 89
- consult Dixon® for die recommendations, go to dixonvalve.com for specific pressure recommendations

Hose ID	Hose	e OD	304 Stainless Steel		
Tiose ID	From	То	Part #		
1½"	1-60/64"	2-12/64"	GAS2334TO		
1 /2	2-4/64"	2-22/64"	GAS2370TO		
2"	2-30-64"	2-44/64"	GAS2709TO		
	2-42/64"	2-54/64"	GAS2885TO		
3"	3-30/64"	3-46/64"	GAS3760TO		
	3-47/64"	3-54/64"	GAS3885TO		
4"	4-40/64"	4-47/64"	GAS5010TO		



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 [21°C]) 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

an accurate hose OD must be provided to complete the part # and to ensure proper retention

Male NPT Thread Coupling Units

Hose ID	NPT Size	Zinc Plated Steel Part #
2"	2"	LM32-*
2½"	2½"	LM40-*
3"	3"	LM48-*



Male API Thread Coupling Units

Hose ID	API Size	Zinc Plated Steel
Hose ID	API Size	Part #
2"	2½"	LM3240- *
2½"	3"	LM4048- *
3"	4"	LM4864- *

Internal Expansion Coupling System

Applications:

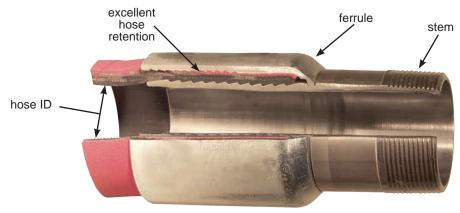
• Essential in applications requiring maximum flow including: concrete pump hose, plaster and grout hose, oil suction and discharge hose, multi-purpose heavy duty air hose, jetting hose, barge loading hose and bottom loading hose.

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, grooved, others available contact Dixon[®]

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





Cross-section of Holedall™ internally expanded assembly

Male Pipe Threaded End Stems

Size	Working PSI ¹	Carbon Steel Part #
1"		IXM16
11/4"	800	IXM20
1½"	800	IXM24
2"	800	IXM32
21/2"	600	IXM40
3"	600 ²	IXM48
4"	500 ²	IXM64
6"	400	IXM96



- ¹ maximum recommended working pressures at **70°F (21°C)** ambient temperature
- ² For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon® for working pressures. See page 86 for specific recommendations.

Heavy Duty Raised End Stems

Ciao	Working	Carbon Steel		
Size	PSI ¹	Part #		
1½"	800	IXH24		
2"	800	IXH32		
2½"	600	IXH40		
3"	600 ²	IXH48		
4"	500 ²	IXH64		



- ¹ maximum recommended working pressures at **70°F (21°C)** ambient temperature
- ² For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon® for working pressures. See page 86 for specific recommendations.

Hose Coupling Systems



Internal Expansion Coupling System

Grooved End Stems

_			
	Size	Working PSI ¹	Carbon Steel Part #
	1¼"	800	IXV20
	11/2"	800	IXV24
	2"	800	IXV32
	2½"	600	IXV40
	3"	600 ²	IXV48
	4"	500 ²	IXV64

- ¹ maximum recommended working pressures at **70°F (21°C)** ambient temperature
- ² For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon® for working pressures. See page 86 for specific recommendations.

Internal Expansion Ferrules



Hose	Hose	OD	Ferrule	Plated Carbon	Hose	Hose	OD	Ferrule	Plated Carbor
ID	From	То	ID	Steel Part #	ID	From	То	ID	Steel Part #
	1-24/64"	1-28/64"	1-7/16"	IXF16-1		3-32/64"	3-36/64"	3-9/16"	IXF48-T
1"	1-28/64"	1-32/64"	1-1/2"	IXF16-2		3-36/64"	3-40/64"	3-5/8"	IXF48-U
•	1-32/64"	1-36/64"	1-9/16"	IXF16-3		3-40/64"	3-44/64"	3-11/16"	IXF48-V
	1-40/64"	1-44/64"	1-11/16"	IXF20-Z		3-44/64"	3-48/64"	3-3/4"	IXF48-W
	1-44/64"	1-48/64"	1-3/4"	IXF20-1		3-48/64"	3-52/64"	3-13/16"	IXF48-X
	1-48/64"	1-52/64"	1-13/16"	IXF20-2		3-52/64"	3-56/64"	3-7/8"	IXF48-Y
11/4"	1-52/64"	1-56/64"	1-7/8"	IXF20-3	3"	3-56/64"	3-60/64"	3-15/16"	IXF48-Z
174	1-56/64"	1-60/64"	1-15/16"	IXF20-4		3-60/64"	4"	4"	IXF48-1
	1-60/64"	2"	2"	IXF20-5		4"	4-4/64"	4-1/16"	IXF48-2
	2"	2-4/64"	2-1/16"	IXF20-6		4-4/64"	4-8/64"	4-1/8"	IXF48-3 ¹
	1-56/64"	1-60/64"	1-15/16"	IXF24-Z		4-8/64"	4-12/64"	4-3/16"	IXF48-4 ¹
	1-60/64"	2"	2"	IXF24-1		4-12/64"	4-16/64"	4-1/4"	IXF48-5 ¹
	2"	2-4/64"	2-1/16"	IXF24-2		4-36/64"	4-40/64"	4-5/8"	IXF64-T
	2-4/64"	2-8/64"	2-1/8"	IXF24-3		4-40/64"	4-44/64"	4-11/16"	IXF64-U
1½"	2-8/64"	2-12/64"	2-3/16"	IXF24-4		4-44/64"	4-48/64"	4-3/4"	IXF64-V
	2-12/64"	2-16/64"	2-1/4"	IXF24-5		4-48/64"	4-52/64"	4-13/16"	IXF64-W
	2-16/64"	2-20/64"	2-5/16"	IXF24-6		4-52/64"	4-56/64"	4-7/8"	IXF64-X
	2-20/64"	2-24/64"	2-3/8"	IXF24-7		4-56/64"	4-60/64"	4-15/16"	IXF64-Y
	2-32/64"	2-36/64"	2-9/16"	IXF32-Y	4"	4-60/64"	5"	5"	IXF64-Z
	2-36/64"	2-40/64"	2-5/8"	IXF32-Z		5"	5-4/64"	5-1/16"	IXF64-1
	2-40/64"	2-44/64"	2-11/16"	IXF32-1		5-4/64"	5-8/64"	5-1/8"	IXF64-2 ¹
	2-44/64"	2-48/64"	2-3/4"	IXF32-2		5-8/64"	5-12/64"	5-3/16"	IXF64-3 ¹
2"	2-48/64"	2-52/64"	2-13/16"	IXF32-3		5-12/64"	5-16/64"	5-1/4"	IXF64-4 1
_	2-52/64"	2-56/64"	2-7/8"	IXF32-4		5-16/64"	5-20/64"	5-5/16"	IXF64-5 1
	2-56/64"	2-60/64"	2-15/16"	IXF32-5		6-40/64"	6-44/64"	6-11/16"	IXF96-1
	2-60/64"	3"	3"	IXF32-6		6-44/64"	6-48/64"	6-3/4"	IXF96-2
	3"	3-4/64"	3-1/16"	IXF32-7		6-46/64"	6-50/64"	6-25/32"	IXF96-3
	3"	3-4/64"	3-1/16"	IXF40-1		6-48/64"	6-52/64"	6-13/16"	IXF96-4
	3-4/64"	3-8/64"	3-1/8"	IXF40-2		6-52/64"	6-56/64"	6-7/8"	IXF96-5
	3-8/64"	3-12/64"	3-3/16"	IXF40-3		6-56/64"	6-60/64"	6-15/16"	IXF96-6
2½"	3-12/64"	3-16/64"	3-1/4"	IXF40-4	- "	6-60/64"	7"	7"	IXF96-7
	3-16/64"	3-20/64"	3-5/16"	IXF40-5	6"	7"	7-4/64"	7-1/16"	IXF96-8
	3-20/64"	3-24/64"	3-3/8"	IXF40-6		7-4/64"	7-8/64"	7-1/8"	IXF96-9
	3-24/64"	3-28/64"	3-7/16"	IXF40-7		7-8/64"	7-12/64"	7-3/16"	IXF96-10
	3-28/64"	3-32/64"	3-1/2"	IXF40-8		7-12/64"	7-16/64"	7-1/4"	IXF96-11
						7-16/64"	7-20/64"	7-5/16"	IXF96-12
						7-18/64"	7-22/64"	7-11/32"	IXF96-13
						7-20/64"	7-24/64"	7-3/8"	IXF96-14

¹ for hoses using ferrule sizes IXF48-3 thru IXF48-5 and IXF64-2 thru IXF64-5, consult Dixon® for working pressures

[•] for use with IX stems on pages 93 - 94

Scovill Style Couplings

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 97 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
- do not interchange with other manufacturers



Size	Thread	<i>Brass</i> Part #
3/4"	NPT	H5192
1"	NST	H5212NST
11/4"	NPT	H5222-A
13/8"	NPT	H5272 ¹
1½"	NST	H5232NST
2"	NPT	H5242
2½"	NPT	H5252
3"	NPT	H5262



Permanent Female Couplings

Size	Thread	<i>Brass</i> Part #
3/4"	NPSH	H5191-BU
1"	NST	H5211NST
11/4"	NPSH	H5221-A-BU
13/8"	NPSH	H5271-BU ¹
1½"	NST	H5231NST ²
2"	NPSH	H5241-BU
21/2"	NPSH	H5251 ³
3"	NPSH	H5261 ³



Permanent Grooved Couplings

Size	<i>Brass</i> Part #
1"	G5212
1½"	G5232
2"	G5242
2½"	G5252





^{1 1%&}quot; stem has 11/2" thread

^{1 1%&}quot; stem has 11/2" thread

² 1½" NST requires special adapter, part # **H5231NSTADT**

^{3 21/2&}quot; and 3" parts have female NPSM thread



Scovill Style Series

Ferrules

Features:

- 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
- for use with Scovill style couplings on page 95

Hose	Hose OD		Brass
ID	From	То	Part #
	1-4/64"	1-7/64"	R75AAAS
	1-8/64"	1-11/64"	R75AAS
3/4"	1-12/64"	1-14/64"	R75AS
	1-15/64"	1-17/64"	R75BS
	1-18/64"	1-20/64"	R75CS
	1-47/64"	1-50/64"	R1375BS
1%"	1-51/64"	1-54/64"	R1375CS
1 /8	1-55/64"	1-58/64"	R1375DS
	1-59/64"	1-62/64"	R1375ES
1½"	2-25/64"	2-28/64"	R15GS1
	2-27/64"	2-30/64"	R2AAS
	2-31/64"	2-34/64"	R2AS
	2-35/64"	2-38/64"	R2BS
2"	2-39/64"	2-42/64"	R2CS
	2-43/64"	2-46/64"	R2DS
	2-47/64"	2-50/64"	R2ES
	2-51/64"	2-54/64"	R2FS
	2-62/64"	3-1/64"	R25AS
	3-2/64"	3-6/64"	R25BS
2½"	3-7/64"	3-11/64"	R25CS
Z/2	3-12/64"	3-16/64"	R25DS
	3-17/64"	3-21/64"	R25ES
	3-22/64"	3-26/64"	R25FS
	3-30/64"	3-34/64"	R3AAAS
	3-35/64"	3-39/64"	R3AAS
3"	3-40/64"	3-45/64"	R3AS
	3-46/64"	3-50/64"	R3BS
	3-51/64"	3-54/64"	R3CS

¹ will be replaced by API ferrules





API Certified Permanently Attached Petroleum Male Couplings

Male 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® at engineering@dixonvalve.com.

Size	Thread Type	Brass Part #
1"	NPT	H5212-A
11/4"	NPT	H5222-A
1½"	NPT	H5232-A
2"	NPT	H5242L-A
2½"	NPT	H5252L-A
3"	NPT	H5262L-A
4"	NPT	H5282L-A



Female Couplings

Size	Thread Type	<i>Brass</i> Part #
1"	NPSH	H5211-A-BU
11/4"	NPSH	H5221-A-BU
1½"	NPSH	H5231-A-BU
2"	NPSH	H5241L-A-BU
2½"	NPSM	H5251L-A-BU
3"	NPSM	H5261L-A-BU
4"	NPSM	H5281L-A-BU



API Certified Series Ferrules



brass



304 stainless steel



aluminum

Hose	Hose	e OD	Brass	304 Stainless Steel
ID	From	То	Part #	Part #
	1-24/64"	1-26/64"	R1AAAS-A	
	1-27/64"	1-29/64"	R1AAS-A	
	1-30/64"	1-32/64"	R1AS-A	
1"	1-33/64"	1-35/64"	R1BS-A	
	1-36/64"	1-38/64"	R1CS-A	
	1-39/64"	1-41/64"	R1DS-A	
	1-42/64"	1-44/64"	R1ES-A	
	1-39/64"	1-42/64"	R125AAS-A	
	1-43/64"	1-46/64"	R125AS-A	
11/4"	1-47/64"	1-50/64"	R125BS-A	
1 /4	1-51/64"	1-54/64"	R125CS-A	
	1-55/64"	1-58/64"	R125DS-A	
	1-59/64"	1-62/64"	R125ES-A	
	1-54/64"	1-57/64"	R15AAAS-A	
	1-58/64"	1-62/64"	R15AAS-A	
	1-63/64"	2-2/64"	R15AS-A	
1½"	2-3/64"	2-6/64"	R15BS-A	
1 /2	2-7/64"	2-11/64"	R15CS-A	
	2-12/64"	2-14/64"	R15DS-A	
	2-15/64"	2-19/64"	R15ES-A	
	2-20/64"	2-24/64"	R15FS-A	
	2-31/64"	2-34/64"		R2ASS-A
	2-35/64"	2-38/64"		R2BSS-A
2"	2-39/64"	2-42/64"		R2CSS-A
	2-43/64"	2-46/64"		R2DSS-A
	2-47/64"	2-50/64"		R2ESS-A
	2-62/64"	3-1/64"		R25ASS-A
	3-2/64"	3-6/64"		R25BSS-A
21/2"	3-7/64"	3-11/64"		R25CSS-A
	3-12/64"	3-16/64"		R25DSS-A
	3-17/64"	3-21/64"		R25ESS-A
	3-35/64"	3-39/64"		R3AASS-A
	3-40/64"	3-45/64"		R3ASS-A
3"	3-46/64"	3-50/64"		R3BSS-A
	3-51/64"	3-54/64"		R3CSS-A
	3-55/64"	3-59/64"		R3DSS-A
	4-46/64"	4-48/64"		R4ESS-A
	4-49/64"	4-51/64"		R4FSS-A
	4-52/64"	4-54/64"		R4GSS-A
4"	4-55/64"	4-57/64"		R4HSS-A
	4-58/64"	4-59/64"		R4KSS-A
	4-60/64"	4-62/64"		R4LSS-A
	4-63/64"	5"		R4MSS-A

[•] for use with API couplings on page 97

Female Replacement Washers

Feature:

• for use with female internally expanded permanent couplings on page 97

Size	Buna
Size	Part #
3/4"	H5071-BU
1"	H5072-BU
11⁄4"	H5073-BU
1½"	H5074-BU
2"	H5075-BU
2½"	H5076-BU
3"	H5077-BU
4"	H5078-BU



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 ¾" through 2" of the Scovil style and all sizes of the curb pump fittings
- expander tooling sold separately



Part #

2500HB0000

Permanent Pump Hose Couplings



· economical and trouble-free couplings for gas pump hose

Features:

- · serrations on the stem embed 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
- · Hand and electrically operated installation equipment is available; consult Dixon® for pricing and availability.
- UL recognized
- Reattach static wire if required.



Chrome Plated Brass Part #	Hose OD	Male NPT	Size
H5753	1-13/64"	3/4"	3/4"
H5754	1-7/32"	3/4"	3/4"
H5755 ¹	1-17/64"	3/4"	3/4"
H5771	1-25/64"	1"	1"
H5772	1-29/64"	1"	1"
H5773	1-1/2"	1"	1"
H5774	1-9/16"	1"	1"

¹ thrust plate required, part # **25000HTL15**









Dubl-Grip® Field 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.
- · easy assembly:
 - Hose is held in position by sleeve as body is threaded home.
 - Only a wrench is required to assemble the Dubl-Grip®.
- · UL recognized
- · Reattach static wire if required.







Swivel

Hose ID	Male NPT	Hose OD	Chrome Plated Brass Part #
3/4"	3/4"	11/8"	H603
3/4"	3/4"	1-13/64"	H604
3/4"	3/4"	11⁄4"	H605
1"	1"	1%"	H609 ¹
1"	1"	1-7/16"	H610 ¹
1"	1"	1-1/2"	H611 ¹

Non-Swivel

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Hose ID	Male NPT	Hose OD	Chrome Plated Brass Part #
5/8"	3/4"	1"	850212
5/8"	3/4"	1-1/32"	850213
3/4"	3/4"	11/8"	850451
3/4"	3/4"	1-13/64"	850455
3/4"	3/4"	11⁄4"	850453
1"	1"	1%"	850841 ¹
1"	1"	1-7/16"	850801 ¹
1"	1"	1½"	850811 ¹

¹ octagonal shape

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 Style 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 580 to 583 for sanitary style gaskets
- see pages 564 to 566for sanitary style clamps

Size	304 Stainless Steel Part #
1½"	IXSE24-3A
2"	IXSE32-3A
3"	IXSE48-3A



Special Expansion Plugs for CIP Compliant IX Fitting

Hose Size	304 Stainless Steel Part #
1½"	IXFDPLG137
2"	IXFDPLG187
3"	IXFDPLG287



CIP Internal Expansion (IX) Sanitary Style Tube Weld End Stem

Feature:

· special plug is required to expand CIP compliant fittings

Size	304 Stainless Steel Part #
2"	IXPE32-3A



Internal Expansion (IX) Sanitary Style

Clamp End Stems

Features:

- clamp end x hose shank
- · Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel
- see pages 578 583 for sanitary style gaskets
- see pages 564 566 for sanitary style clamps

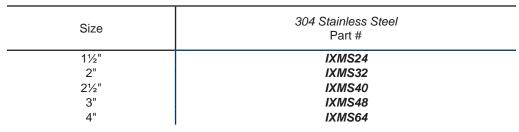
Size	304 Stainless Steel Part #
1½" 2" 2½" 3" 4"	IXSE24 IXSE32 IXSE40 IXSE48 IXSE64



Internal Expansion (IX) Sanitary Style Male NPT Stems

Feature:

• Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel



Internal Expansion (IX) Sanitary Style Bevel Seat Hose Couplings

Features:

- · Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.
- see page 593 for bevel seat gaskets

Bevel Seat Stems

Feature:

• only use with the IXAN nuts shown below



Size	304 Stainless Steel Part #
1½"	IXFS24
2"	IXFS32
2"	IXFS32-3A ¹
21/2"	IXFS40
3"	IXFS48
4"	IXFS64

¹ must use plug part # IXFDPLG187

Bevel Seat Threaded Hex Nuts series 13H (modified)



Size	304 Stainless Steel Part #
1½"	IXAN24
2"	IXAN32
21/2"	IXAN40
3"	IXAN48
4"	IXAN64

Internal Expansion Sanitary Style Flow Chief Ferrules

Feature:

• ferrule ID's are designed in increments of 1/16"

Hose OD		OD	304 Stainless Steel
ID	From	То	Part #
	1-56/64"	1-59/64"	24PFX1.937
	1-60/64"	1-63/64"	24PFX2.000
	2"	2-3/64"	24PFX2.062
1½" 1	2-4/64"	2-7/64"	24PFX2.125
İ	2-8/64"	2-11/64"	24PFX2.187
	2-12/64"	2-15/64"	24PFX2.250
	2-16/64"	2-19/64"	24PFX2.312 ²
	2-28/64"	2-31/64"	32PFX2.500
	2-32/64"	2-35/64"	32PFX2.562
	2-36/64"	2-39/64"	32PFX2.625
01.1	2-40/64"	2-43/64"	32PFX2.687
2" 1	2-44/64"	2-47/64"	32PFX2.750
	2-48/64"	2-51/64"	32PFX2.812
	2-52/64"	2-55/64"	32PFX2.875
	2-56/64"	2-59/64"	32PFX2.937
	3"	3-3/64"	40PFX3.062
İ	3-4/64"	3-7/64"	40PFX3.125
	3-8/64"	3-11/64"	40PFX3.187
2½"	3-12/64"	3-15/64"	40PFX3.250
-/2	3-16/64"	3-19/64"	40PFX3.312
İ	3-20/64"	3-23/64"	40PFX3.375
	3-28/64"	3-31/64"	40PFX3.500
3-32/64" 3-36/64"	3-32/64"	3-35/64"	48PFX3.562
	3-36/64"	3-39/64"	48PFX3.625
İ	3-40/64"	3-43/64"	48PFX3.687
İ	3-44/64"	3-47/64"	48PFX3.750
0.11	3-48/64"	3-51/64"	48PFX3.812
3"	3-52/64"	3-55/64"	48PFX3.875
	3-56/64"	3-59/64"	48PFX3.937
İ	3-60/64"	3-63/64"	48PFX4.000
İ	4"	4-3/64"	48PFX4.062
İ	4-4/64"	4-7/64"	48PFX4.125
	4-36/64"	4-39/64"	64PFX4.625
	4-40/64"	4-43/64"	64PFX4.687
4,,	4-44/64"	4-47/64"	64PFX4.750
4"	4-48/64"	4-51/64"	64PFX4.812
	4-52/64"	4-55/64"	64PFX4.875
	4-56/64"	4-59/64"	64PFX4.937



- ¹ 1½" and 2" ferrules do not have serrations on the ID
- ² consult Dixon® at engineering@dixonvalve.com for working pressure
- for use with IX stems on pages 101 and 102

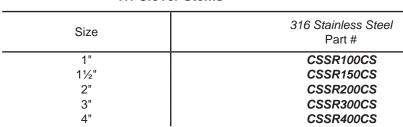


Clamp End x Hose Shank

Features:

- to be used with King Crimp™ sleeves and / or ferrules see pages 111-114
- wetted surfaces meet governmental and independent regulatory standards only

Tri-Clover Stems





NEW

Female I-line

Size	316 Stainless Steel Part #
1"	CILR100CS
1½"	CILR150CS
2"	CILR200CS
3"	CILR300CS
4"	CILR400CS

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 on page 106
- · reference dixonvalve.com for crimp recommendations

Size	316 Stainless Steel Part #	
1"	CSSR100-3A	
1½"	CSSR150-3A	
2"	CSSR200-3A	
2½"	CSSR250	
3"	CSSR300-3A	
4"	CSSR400	



Female I-Line End x Hose Shank

• to be used with Sanitary ferrules on page 106

Size	316 Stainless Steel Part #
1½"	CILR150
2"	CILR200
3"	CILR300
4"	CILR400



Bevel Seat End x Hose Shank

• to be used with Sanitary ferrules on page 106

Size	Nut Used	316 Stainless Steel Part #
1"	13H-G100	CBSR100
1½"	IXAN24	CBSR150
2"	IXAN32	CBSR200
3"	IXAN300	CBSR300
4"	IXAN64	CBSR400



Tube Weld End x Hose Shank

• to be used with Sanitary ferrules on page 106

Size	316 Stainless Steel Part #
1½"	CTER150
2"	CTER200
3"	CTER300
4"	CTER400





Features:

- **Crimp Ferrules**
- AISI 304 stainless steel
- ferrules have a surface finish of 63 or better

	Hose	e OD	304 Stainless Steel
Size	From	То	Part #
1"	1-26/64"	1-28/64"	F16G-1453
	1-29/64"	1-31/64"	F16G-1500
	1-32/64"	1-34/64"	F16G-1547
	1-35/64"	1-37/64"	F16G-1594
	1-38/64"	1-40/64"	F16G-1641
	1-58/64"	1-61/64"	F24G-1969
	1-62/64"	2-1/64"	F24G-2031
	2-2/64"	2-5/64"	F24G-2094
1½"	2-6/64"	2-9/64"	F24G-2156
	2-10/64"	2-13/64"	F24G-2219
	2-14/64"	2-17/64"	F24G-2281
	2-18/64"	2-21/64"	F24G-2344
	2-30/64"	2-33/64"	F32G-2531
	2-34/64"	2-37/64"	F32G-2594
2"	2-38/64"	2-41/64"	F32G-2656
2	2-42/64"	2-45/64"	F32G-2719
	2-52/64"	2-55/64"	F32G-2875
	2-56/64"	2-59/64"	F32G-2938
	3"	3-3/64"	F40G-3063
	3-4/64"	3-7/64"	F40G-3125
2½"	3-8/64"	3-11/64"	F40G-3188
2/2	3-12/64"	3-15/64"	F40G-3250
	3-16/64"	3-19/64"	F40G-3313
	3-20/64"	3-23/64"	F40G-3375
	3-36/64"	3-39/64"	F48G-3625
	3-40/64"	3-43/64"	F48G-3688
	3-44/64"	3-47/64"	F48G-3750
3"	3-48/64"	3-51/64"	F48G-3813
	3-52/64"	3-55/64"	F48G-3875
	3-56/64"	3-59/64"	F48G-3938
	3-61/64"	4"	F48G-4016
	4-40/64"	4-43/64"	F64G-4688
	4-44/64"	4-47/64"	F64G-4750
4"	4-48/64"	4-51/64"	F64G-4813
- ⊤	4-52/64"	4-55/64"	F64G-4875
	4-56/64"	4-59/64"	F64G-4938
	5-5/64"	5-8/64"	F64G-5141



Holedali™ **DIN External**

Crimp Female Stems



Size	DIN	316 Stainless Steel Part #
1½"	40	HA0240
2"	50	HA0241
2½"	65	HA0242
3"	80	HA0243

Male Stems



Size	DIN	316 Stainless Steel Part #
1½" 2" 2½" 3"	40 50 65 80	HA0235 HA0236 HA0237 HA0238

[•] please visit dixonvalve.com for crimp recommendations

Crimp Working Pressure Chart

Size	Temperature	Fitting	Clamp	Working Pressure PSIG	Size	Temperature	Fitting	Clamp	Working Pressure PSIG
	Ambient	STC10CS	sleeve	400		Ambient	STC35CS	sleeve	200
	160°F (71°C)	STC10CS	sleeve	270		160°F (71°C)	STC35CS	sleeve	140
	180°F (82°C)	STC10CS	sleeve	250		180°F (82°C)	STC35CS	sleeve	100
	250°F (121°C)	STC10CS	sleeve	200		250°F (121°C)	STC35CS	sleeve	75
	Ambient	STC10CS	ferrule	400		Ambient	STC35CS	ferrule	300
	160°F (71°C)	STC10CS	ferrule	270		160°F (71°C)	STC35CS	ferrule	218
	180°F (82°C)	STC10CS	ferrule	250		180°F (82°C)	STC35CS	ferrule	200
1"	250°F (121°C)	STC10CS	ferrule	200	3"	250°F (121°C)	STC35CS	ferrule	100
1	Ambient	100-C/E	sleeve	250	3	Ambient	300-C/E	sleeve	125
	160°F (71°C)	100-C/E	sleeve	242		160°F (71°C)	300-C/E	sleeve	100
	180°F (82°C)	100-C/E	sleeve	240		180°F (82°C)	300-C/E	sleeve	60
	250°F (121°C)	100-C/E	sleeve	200		250°F (121°C)	300-C/E	sleeve	55
	Ambient	100-C/E	ferrule	250		Ambient	300-C/E	ferrule	150
	160°F (71°C)	100-C/E	ferrule	242		160°F (71°C)	300-C/E	ferrule	125
	180°F (82°C)	100-C/E	ferrule	240		180°F (82°C)	300-C/E	ferrule	100
	250°F (121°C)	100-C/E	ferrule	200		250°F (121°C)	300-C/E	ferrule	75
	Ambient	STC20CS	sleeve	300		Ambient	STC40CS	sleeve	175
	160°F (71°C)	STC20CS	sleeve	225		160°F (71°C)	STC40CS	sleeve	100
	180°F (82°C)	STC20CS	sleeve	200		180°F (82°C)	STC40CS	sleeve	100
	250°F (121°C)	STC20CS	sleeve	100		250°F (121°C)	STC40CS	sleeve	50
	Ambient	STC20CS	ferrule	350		Ambient	STC40CS	ferrule	300
	160°F (71°C)	STC20CS	ferrule	225		160°F (71°C)	STC40CS	ferrule	218
	180°F (82°C)	STC20CS	ferrule	200		180°F (82°C)	STC40CS	ferrule	200
1½"	250°F (121°C)	STC20CS	ferrule	150	4"	250°F (121°C)	STC40CS	ferrule	100
1 /2	Ambient	150-C/E	sleeve	250		Ambient	400-C/E	sleeve	110
	160°F (71°C)	150-C/E	sleeve	200		160°F (71°C)	400-C/E	sleeve	75
	180°F (82°C)	150-C/E	sleeve	100		180°F (82°C)	400-C/E	sleeve	60
	250°F (121°C)	150-C/E	sleeve	75		250°F (121°C)	400-C/E	sleeve	50
	Ambient	150-C/E	ferrule	250		Ambient	400-C/E	ferrule	150
	160°F (71°C)	150-C/E	ferrule	200		160°F (71°C)	400-C/E	ferrule	75
	180°F (82°C)	150-C/E	ferrule	150		180°F (82°C)	400-C/E	ferrule	75
	250°F (121°C)	150-C/E	ferrule	100		250°F (121°C)	400-C/E	ferrule	75
	Ambient	STC25CS	sleeve	250		Ambient	STC60CS	sleeve	75
	160°F (71°C)	STC25CS	sleeve	150		160°F (71°C)	STC60CS	sleeve	
	180°F (82°C)	STC25CS	sleeve	125		180°F (82°C)	STC60CS	sleeve	
	250°F (121°C)	STC25CS	sleeve	80		250°F (121°C)	STC60CS	sleeve	
	Ambient	STC25CS	ferrule	300		Ambient	STC60CS	ferrule	230
	160°F (71°C)	STC25CS	ferrule	239		160°F (71°C)	STC60CS	ferrule	
	180°F (82°C)	STC25CS	ferrule	225		180°F (82°C)	STC60CS	ferrule	
2"	250°F (121°C)	STC25CS	ferrule	100	6"	250°F (121°C)	STC60CS	ferrule	
-	Ambient	200-C/E	sleeve	250		Ambient	600-C/E	sleeve	75
	160°F (71°C)	200-C/E	sleeve	100		160°F (71°C)	600-C/E	sleeve	
	180°F (82°C)	200-C/E	sleeve	50		180°F (82°C)	600-C/E	sleeve	
	250°F (121°C)	200-C/E	sleeve	50		250°F (121°C)	600-C/E	sleeve	
	Ambient	200-C/E	ferrule	250		Ambient	600-C/E	ferrule	75
	160°F (71°C)	200-C/E	ferrule	100		160°F (71°C)	600-C/E	ferrule	
	180°F (82°C)	200-C/E	ferrule	100	-	180°F (82°C)	600-C/E	ferrule	
	250°F (121°C) 200-C/E ferrule 100 2		250°F (121°C)	600-C/E	ferrule				

Dixon® Cam & Groove Type C Coupler x Hose Shank



356T6 aluminum



brass





unplated ductile iron

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 167 - 170
- ½" Dixon® coupler has only one cam arm
- use Dixon® replacement handles only

Hose ID	356T6 Aluminum Part #	<i>Brass</i> Part #	316 Stainless Steel Part #	Unplated Ductile Iron Part #
1"	100-C-AL	100-C-BR	100-C-SS	
1½"	150-C-AL	150-C-BR	150-C-SS	150-C-MI
2"	200-C-AL	200-C-BR	200-C-SS	200-C-MI
3"	300-C-AL	300-C-BR	300-C-SS	300-C-MI ¹
4"	400-C-AL	400-C-BR	400-C-SS	400-C-MI ¹
6"	600-C-AL	600-C-BR	600-C-SS	600-C-MI ¹

¹ ductile iron

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



EZ Boss-Lock™ Cam & Groove Type C Coupler x Hose Shank

Feature:

 couplers are supplied standard with a Buna-N gasket, other gasket types are available on pages 167 - 170



Size	316 Stainless Steel
	Part #
1"	RC100EZCR
11/4"	RC125EZCR
1½"	RC150EZCR
2"	RC200EZCR
3"	RC300EZCR
4"	RC400EZCR
6"	RC600EZCR

Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use. See page 122 for further specifications.



Dixon® Type E Adapters

male adapter x hose shank



Pressure rating is based on the seal of the mating part. See ratings on page 124

Hose ID	356T6 Aluminum Part #	<i>Bra</i> ss Part #	316 Stainless Steel Part #	Unplated Ductile Iron Part #
1"	100-E-AL	100-E-BR	100-E-SS	
1½"	150-E-AL	150-E-BR	150-E-SS	
2"	200-E-AL	200-E-BR	200-E-SS	
3"	300-E-AL	300-E-BR	300-E-SS	300-E-MI
4"	400-E-AL	400-E-BR	400-E-SS	400-E-MI
6"	600-E-AL	600-E-BR	600-E-SS	600-E-MI



356T6 aluminum



brass



316 stainless steel



unplated ductile iron

Global Crimp Style Cam & Groove Type C Coupler x Hose Shank

Features:

- all couplers are supplied with safety clips
- cuplers are supplied standard with a Buna-N gasket, other gasket types are available on pages 167 - 170
- use Global replacement handles only



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	A380 Permanent Mold Aluminum Part #	C38000 Forged Brass Part #	316 Investment Cast Stainless Part #
1"	G100-C-ALCR	G100-C-BRCR	G100-C-SSCR
1½"	G150-C-ALCR	G150-C-BRCR	G150-C-SSCR
2"	G200-C-ALCR	G200-C-BRCR	G200-C-SSCR
3"	G300-C-ALCR	G300-C-BRCR	G300-C-SSCR
4"	G400-C-ALCR	G400-C-BRCR	G400-C-SSCR
6"	G600-C-ALCR		G600-C-SSCR



A380 permanent mold aluminum



C38000 forged brass



316 investment cast stainless

Global Crimp Style Cam & Groove Type E Adapter x Hose Shank

A380 permanent mold aluminum



C38000 forged brass



316 investment cast stainless

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. Pressure rating is based on the seal of the mating part. See ratings on page 124.



Hose ID	A380 Permanent Mold Aluminum Part #	C38000 Forged Brass Part #	316 Investment Cast Stainless Steel Part #
1"	G100-E-ALCR	G100-E-BRCR	G100-E-SSCR
1½"	G150-E-ALCR	G150-E-BRCR	G150-E-SSCR
2"	G200-E-ALCR	G200-E-BRCR	G200-E-SSCR
3"	G300-E-ALCR	G300-E-BRCR	G300-E-SSCR
3	G300-E-ALCR	G300-E-BRCR	G400-E-SSCR
4"	G400-E-ALCR	G400-E-BRCR	G400-E-SSCR
6"	G600-E-ALCR		G600-E-SSCR

Boss™ Ground Joint Stems

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. Pressure rating is based on the seal of the mating part. See ratings on page 124.





Hose Shank x NPT	Plated Steel and / or Iron Part #	Opt Qty
2"	GB26	10
3"	GB36	5

GB26 and GB36 has a machined shank to accept a Boss™ clamp, King Crimp™ sleeve or a

The King Crimp™ sleeve and ferrule are not intended for steam service.



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.





for liquid service only

· not intended for steam service Work. Pressure 304 Stainless Hose OD Sleeve Sleeve (PSI) Carbon Steel **Aluminum** Hose Sleeve Wall Steel Overall King Crimp ID cam & ID Part # Part # То From Thick. Length Part # groove nípple 2 1-13/64" 1-16/64" 1.313" .062" 21/2" CS100-1CS CS100-1SS 1-17/64" 1-20/64" 1.375" .062" 21/2" CS100-2CS CS100-2SS CS100-2AL 1-21/64" 1-24/64" 1.438" .062" 21/2" CS100-3CS CS100-3SS 1-25/64" 1-28/64" 1.500" .062" 21/2" CS100-4CS CS100-4SS CS100-4AL CS100-5CS CS100-5SS 1-29/64" 1-32/64" 1.563" .062" 21/2" 1" 1-33/64" 1.625" .062" 21/2" CS100-6CS CS100-6SS CS100-6AL 1-36/64" 1-37/64" 1-40/64" 1.688" .062" 21/2" CS100-7CS CS100-7SS 1-41-64" 1-44/64" 1.750" .062" 21/2" CS100-8CS CS100-8SS 1-45/64" 1-48/64" 1.813" .062" 21/2" CS100-9CS CS100-9SS 1-49/64" 1-52/64" 1.875" .062" 21/2" CS100-10CS CS100-10SS 1-41/64" 1-44/64" 250 300 1.750" .060" 2-5/8" CS125-3CS CS125-3SS 1-45/64" 1-48/64" 250 300 1.813" .060" 2-5/8" CS125-4CS CS125-4SS 11/4' 1-49/64" 1-52/64" 250 300 1.875" .060" 2-5/8" CS125-5CS CS125-5SS 250 1.938" .060" 2-5/8" CS125-6CS CS125-6SS 1-53/64" 1-56/64" 300 1-41/64" 250 1.750" .062" 21/2" CS150-1CS CS150-1SS 1-44/64" 300 ---1-45/64" 1-48/64" 250 300 1.813" .062" 21/2" CS150-2CS CS150-2SS CS150-3CS CS150-3SS CS150-3AL 1-49/64" 1-52/64" 300 1.875" .062" 21/2" 250 1-53/64" 1-56/64" 250 1.938" .062" 21/2" CS150-4SS 300 CS150-4CS 2.000" 21/2" 1-57/64" 1-60/64" 250 300 .062" CS150-5CS CS150-5SS 250 300 2.063" .062" 21/2" 1-61/64" 2" CS150-6CS CS150-6SS 11/2" 2-1/64" 2-4/64" CS150-7CS CS150-7SS CS150-7AL 250 300 2.125" .062" 21/2" 2.188" 2-5/64" 2-8/64" 250 300 .062" 21/2" CS150-8CS CS150-8SS 2-9/64" 2-12/64" 250 300 2.250" .062" 21/2" CS150-9CS CS150-9SS 2-13/64" 2-16/64" 250 300 2.313" .062" 21/2" CS150-10CS CS150-10SS 2-17/64" 2-20/64" 250 300 2.375" .062" 21/2" CS150-11CS CS150-11SS 250 2.438" .062" 21/2" 2-21/64" 2-24/64" 300 CS150-12CS CS150-12SS 2-13/64" 2-16/64" 250 250 2.313" .062" 2-7/8" CS200-1CS CS200-1SS ___ 250 2.375" .062" 2-7/8" CS200-2SS 2-17/64" 2-20/64" 250 CS200-2CS 2.438" CS200-3SS 2-21/64" 2-24/64" 250 250 .062" 2-7/8" CS200-3CS 2-25/64" 2-28/64" 250 250 2.500" .062" 2-7/8" CS200-4CS CS200-4SS CS200-4AL 2-29/64" 2-32/64" 250 250 2.563" .062" 2-7/8" CS200-5CS CS200-5SS CS200-5AL 2-33/64" 2-36/64" 250 250 2.625" .062" 2-7/8" CS200-6CS CS200-6SS 2" 2-37/64" 2-40/64" CS200-7CS CS200-7SS 250 250 2.688" .062" 2-7/8" 2-41/64" 2-44/64" 250 250 2.750" .062" 2-7/8" CS200-8CS CS200-8SS .062" 2-7/8" 2-45/64" 2-48/64" 250 250 2.813" CS200-9CS CS200-9SS 2-49/64" 2-52/64" 250 250 2.875" .062" 2-7/8" CS200-10CS CS200-10SS CS200-10AL 2-53/64" 2-56/64" 250 250 2.938" .062" 2-7/8" CS200-11CS CS200-11SS CS200-11AL 2-60/64" 2-7/8" CS200-12CS CS200-12SS CS200-12AL 2-57/64" 250 250 3.000" .062"

Hose Coupling Systems

consult Dixon® at engineering@dixonvalve.com for pressure rating

based on using crimp cam & groove shanks based on using King™ crimp nipples

Hose Coupling Systems





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.

A

- for liquid service only
- not intended for steam service

-	Hose	Hose	e OD	Work. P	ressure SI)	Sleeve	Sleeve	Sleeve	Carbon Steel	304 Stainless	Aluminum
מושומ	ID	From	То	cam & groove 1	King Crimp	ID	Wall Thick.	Overall Length	Part #	<i>Steel</i> Part #	Part #
מ		3-13/64"	3-16/64"	125	200	3.313"	.090"	3¾"	CS300-1CS	CS300-1SS	
2		3-17/64"	3-20/64"	125	200	3.375"	.090"	3¾"	CS300-2CS	CS300-2SS	
J		3-21/64"	3-24/64"	125	200	3.438"	.090"	3¾"	CS300-3CS	CS300-3SS	
		3-25/64"	3-28/64"	125	200	3.500"	.090"	3¾"	CS300-4CS	CS300-4SS	
		3-29/64"	3-32/64"	125	200	3.563"	.090"	3¾"	CS300-5CS	CS300-5SS	CS300-5AL
		3-33/64"	3-36/64"	125	200	3.625"	.090"	3¾"	CS300-6CS	CS300-6SS	
		3-37/64"	3-40/64"	125	200	3.688"	.090"	3¾"	CS300-7CS	CS300-7SS	
	3"	3-41/64"	3-44/64"	125	200	3.750"	.090"	3¾"	CS300-8CS	CS300-8SS	CS300-8AL
	٥	3-45/64"	3-48/64"	125	200	3.813"	.090"	3¾"	CS300-9CS	CS300-9SS	
		3-49/64"	3-52/64"	125	200	3.875"	.090"	3¾"	CS300-10CS	CS300-10SS 🕡	CS300-10AL
		3-53/64"	3-56/64"	125	200	3.938"	.090"	3¾"	CS300-11CS	CS300-11SS	
		3-57/64"	3-60/64"	125	200	4.000"	.090"	3¾"	CS300-12CS	CS300-12SS	CS300-12AL
		3-61/64"	4"	125	200	4.063"	.090"	3¾"	CS300-13CS	CS300-13SS	
		4-1/64"	4-4/64"	125	200	4.125"	.090"	3¾"	CS300-14CS	CS300-14SS	
		4-5/64"	4-8/64"	125	200	4.188"	.090"	3¾"	CS300-15CS	CS300-15SS	
		4-9/64"	4-12/64"	125	200	4.250"	.090"	3¾"	CS300-16CS	CS300-16SS	
		4-13/64"	4-16/64"	110	175	4.313"	.090"	3¾"	CS400-1CS	CS400-1SS	
		4-17/64"	4-20/64"	110	175	4.375"	.090"	3¾"	CS400-2CS	CS400-2SS	
		4-21/64"	4-24/64"	110	175	4.438"	.090"	3¾"	CS400-3CS	CS400-3SS	
		4-25/64"	4-28/64"	110	175	4.500"	.090"	3¾"	CS400-4CS	CS400-4SS	
		4-29/64"	4-32/64"	110	175	4.563"	.090"	3¾"	CS400-5CS	CS400-5SS	
		4-33/64"	4-36/64"	110	175	4.625"	.090"	3¾"	CS400-6CS	CS400-6SS	
		4-37/64"	4-40/64"	110	175	4.688"	.090"	3¾"	CS400-7CS	CS400-7SS	
	4"	4-41/64"	4-44/64"	110	175	4.750"	.090"	3¾"	CS400-8CS	CS400-8SS	
	7	4-45/64"	4-48/64"	110	175	4.813"	.090"	3¾"	CS400-9CS	CS400-9SS	
		4-49/64"	4-52/64"	110	175	4.875"	.090"	3¾"	CS400-10CS	CS400-10SS	CS400-10AL
		4-53/64"	4-56/64"	110	175	4.938"	.090"	3¾"	CS400-11CS	CS400-11SS 🕦	CS400-11AL
		4-57/64"	4-60/64"	110	175	5.000"	.090"	3¾"	CS400-12CS	CS400-12SS	CS400-12AL
		4-61/64"	5"	110	175	5.063"	.090"	3¾"	CS400-13CS	CS400-13SS	
		5-1/64"	5-4/64"	110	175	5.125"	.090"	3¾"	CS400-14CS	CS400-14SS	
		5-5/64"	5-8/64"	110	175	5.188"	.090"	3¾"	CS400-15CS	CS400-15SS	
		5-9/64"	5-12/64"	110	175	5.250"	.090"	3¾"	CS400-16CS	CS400-16SS	
		6-21/64"	6-28/64"	*	*	6.500"	.120"	5½"	CS600-1CS	CS600-1SS	
		6-29/64"	6-36/64"	*	*	6.625"	.120"	5½"	CS600-2CS	CS600-2SS	
		6-37/64"	6-44/64"	*	*	6.750"	.120"	5½"	CS600-3CS	CS600-3SS	
		6-45/64"	6-52/64"	*	*	6.875"	.120"	5½"	CS600-4CS	CS600-4SS	
	6"	6-53/64"	6-60/64"	*	*	7.000"	.120"	5½"	CS600-5CS	CS600-5SS	
		6-61/64"	7-4/64"	*	*	7.125"	.120"	5½"	CS600-6CS	CS600-6SS	
		7-5/64"	7-12/64"	*	*	7.250"	.120"	5½"	CS600-7CS	CS600-7SS	
		7-13/64"	7-20/64"	*	*	7.375"	.120"	5½"	CS600-8CS	CS600-8SS	
		7-21/64"	7-28/64"	*	*	7.500"	.120"	5½"	CS600-9CS	CS600-9SS	
		!t D:	® -4	:	Barrana da da da da da da da da da da da da da						

^{*} consult Dixon® at engineering@dixonvalve.com for pressure rating

¹ based on using crimp cam & groove shanks

² based on using King[™] crimp 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	Hose OD		Work. Pressure (PSI)		Ferrule	Ferrule Wall	Ferrule Overall	Carbon Steel	304 Stainless Steel
ID	From	То	cam & groove ¹	King Crimp nipple ²	ID	Thickness	Length	Part #	Part #
	1-13/64"	1-16/64"	*	*	1.313"	.062"	2-13/16"	CF100-1CS	CF100-1SS
	1-17/64"	1-20/64"	*	*	1.375"	.062"	2-13/16"	CF100-2CS	CF100-2SS
	1-21/64"	1-24/64"	*	*	1.438"	.062"	2-13/16"	CF100-3CS	CF100-3SS
	1-25/64"	1-28/64"	*	*	1.500"	.062"	2-13/16"	CF100-4CS	CF100-4SS
1"	1-29/64"	1-32/64"	*	*	1.563"	.062"	2-13/16"	CF100-5CS	CF100-5SS
'	1-33/64"	1-36/64"	*	*	1.625"	.062"	2-13/16"	CF100-6CS	CF100-6SS
	1-37/64"	1-40/64"	*	*	1.688"	.062"	2-13/16"	CF100-7CS	CF100-7SS
	1-41/64"	1-44/64"	*	*	1.750"	.062"	2-13/16"	CF100-8CS	CF100-8SS
	1-45/64"	1-48/64"	*	*	1.813"	.062"	2-13/16"	CF100-9CS	CF100-9SS
	1-49/64"	1-52/64"	*	*	1.875"	.062"	2-13/16"	CF100-10CS	CF100-10SS
	1-41/64"	1-44/64"	250	350	1.750"	.060"	2-13/16"	CF125-3CS	CF125-3SS
1¼"	1-45/64"	1-48/64"	250	350	1.813"	.060"	2-13/16"	CF125-4CS	CF125-4SS
1 /4	1-49/64"	1-52/64"	250	350	1.875"	.060"	2-13/16"	CF125-5CS	CF125-5SS
	1-53/64"	1-56/64"	250	350	1.938"	.060"	2-13/16"	CF125-6CS	CF125-6SS
	1-41/64"	1-44/64"	250	350	1.750"	.062"	2-13/16"	CF150-1CS	CF150-1SS
	1-45/64"	1-48/64"	250	350	1.813"	.062"	2-13/16"	CF150-2CS	CF150-2SS
	1-49/64"	1-52/64"	250	350	1.875"	.062"	2-13/16"	CF150-3CS	CF150-3SS
	1-53/64"	1-56/64"	250	350	1.938"	.062"	2-13/16"	CF150-4CS	CF150-4SS
	1-57/64"	1-60/64"	250	350	2.000"	.062"	2-13/16"	CF150-5CS	CF150-5SS
1½"	1-61/64"	2"	250	350	2.063"	.062"	2-13/16"	CF150-6CS	CF150-6SS
1 /2	2-1/64"	2-4/64"	250	350	2.125"	.062"	2-13/16"	CF150-7CS	CF150-7SS
	2-5/64"	2-8/64"	250	350	2.188"	.062"	2-13/16"	CF150-8CS	CF150-8SS
	2-9/64"	2-12/64"	250	350	2.250"	.062"	2-13/16"	CF150-9CS	CF150-9SS
	2-13/64"	2-16/64"	250	350	2.313"	.062"	2-13/16"	CF150-10CS	CF150-10SS
	2-17/64"	2-20/64"	250	350	2.375"	.062"	2-13/16"	CF150-11CS	CF150-11SS
	2-21/64"	2-24/64"	250	350	2.438"	.062"	2-13/16"	CF150-12CS	CF150-12SS
	2-13/64"	2-16/64"	250	300	2.313"	.062"	3-1/8"	CF200-1CS	CF200-1SS
	2-17/64"	2-20/64"	250	300	2.375"	.062"	3-1/8"	CF200-2CS	CF200-2SS
	2-21/64"	2-24/64"	250	300	2.438"	.062"	3-1/8"	CF200-3CS	CF200-3SS
	2-25/64"	2-28/64"	250	300	2.500"	.062"	3-1/8"	CF200-4CS	CF200-4SS
	2-29/64"	2-32/64"	250	300	2.563"	.062"	3-1/8"	CF200-5CS	CF200-5SS
0"	2-33/64"	2-36/64"	250	300	2.625"	.062"	3-1/8"	CF200-6CS	CF200-6SS
2"	2-37/64"	2-40/64"	250	300	2.688"	.062"	3-1/8"	CF200-7CS	CF200-7SS
	2-41/64"	2-44/64"	250	300	2.750"	.062"	3-1/8"	CF200-8CS	CF200-8SS
	2-45/64"	2-48/64"	250	300	2.813"	.062"	3-1/8"	CF200-9CS	CF200-9SS
	2-49/64"	2-52/64"	250	300	2.875"	.062"	3-1/8"	CF200-10CS	CF200-10SS
	2-53/64"	2-56/64"	250	300	2.938"	.062"	3-1/8"	CF200-11CS	CF200-11SS
	2-57/64"	2-60/64"	250	300	3.000"	.062"	3-1/8"	CF200-12CS	CF200-12SS
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^{*} consult Dixon® at engineering@dixonvalve.com for pressure rating

based on using crimp cam & groove shanks
 based on using King™ crimp nipples



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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, <u>do not</u> interchange other manufacturer's products with Dixon® products.



S									.	
Systems	Hose	Hose	e OD I	(P	Pressure SI) I	Ferrule	Ferrule Wall	Ferrule Overall	Carbon Steel	304 Stainless Steel
S	ID	From	То	cam & groove ¹	King Crimp nipple ²	ID	Thickness	Length	Part #	Part #
		3-13/64"	3-16/64"	150	300	3.313"	.090"	4"	CF300-1CS	CF300-1SS
		3-17/64"	3-20/64"	150	300	3.375"	.090"	4"	CF300-2CS	CF300-2SS
		3-21/64"	3-24/64"	150	300	3.438"	.090"	4"	CF300-3CS	CF300-3SS
		3-25/64"	3-28/64"	150	300	3.500"	.090"	4"	CF300-4CS	CF300-4SS
)		3-29/64"	3-32/64"	150	300	3.563"	.090"	4"	CF300-5CS	CF300-5SS
		3-33/64"	3-36/64"	150	300	3.625"	.090"	4"	CF300-6CS	CF300-6SS
		3-37/64"	3-40/64"	150	300	3.688"	.090"	4"	CF300-7CS	CF300-7SS
	3"	3-41/64"	3-44/64"	150	300	3.750"	.090"	4"	CF300-8CS	CF300-8SS
	٥	3-45/64"	3-48/64"	150	300	3.813"	.090"	4"	CF300-9CS	CF300-9SS
		3-49/64"	3-52/64"	150	300	3.875"	.090"	4"	CF300-10CS	CF300-10SS
		3-53/64"	3-56/64"	150	300	3.938"	.090"	4"	CF300-11CS	CF300-11SS
		3-57/64"	3-60/64"	150	300	4.000"	.090"	4"	CF300-12CS	CF300-12SS
		3-61/64"	4"	150	300	4.063"	.090"	4"	CF300-13CS	CF300-13SS
		4-1/64"	4-4/64"	150	300	4.125"	.090"	4"	CF300-14CS	CF300-14SS
		4-5/64"	4-8/64"	150	300	4.188"	.090"	4"	CF300-15CS	CF300-15SS
	İ	4-9/64"	4-12/64"	150	300	4.250"	.090"	4"	CF300-16CS	CF300-16SS
		4-13/64"	4-16/64"	150	300	4.313"	.090"	4"	CF400-1CS	CF400-1SS
		4-17/64"	4-20/64"	150	300	4.375"	.090"	4"	CF400-2CS	CF400-2SS
		4-21/64"	4-24/64"	150	300	4.438"	.090"	4"	CF400-3CS	CF400-3SS
		4-25/64"	4-28/64"	150	300	4.500"	.090"	4"	CF400-4CS	CF400-4SS
	l	4-29/64"	4-32/64"	150	300	4.563"	.090"	4"	CF400-5CS	CF400-5SS
		4-33/64"	4-36/64"	150	300	4.625"	.090"	4"	CF400-6CS	CF400-6SS
		4-37/64"	4-40/64"	150	300	4.688"	.090"	4"	CF400-7CS	CF400-7SS
	4"	4-41/64"	4-44/64"	150	300	4.750"	.090"	4"	CF400-8CS	CF400-8SS
	4"	4-45/64"	4-48/64"	150	300	4.813"	.090"	4"	CF400-9CS	CF400-9SS
		4-49/64"	4-52/64"	150	300	4.875"	.090"	4"	CF400-10CS	CF400-10SS
		4-53/64"	4-56/64"	150	300	4.938"	.090"	4"	CF400-11CS	CF400-11SS
		4-57/64"	4-60/64"	150	300	5.000"	.090"	4"	CF400-12CS	CF400-12SS
		4-61/64"	5"	150	300	5.063"	.090"	4"	CF400-13CS	CF400-13SS
		5-1/64"	5-4/64"	150	300	5.125"	.090"	4"	CF400-14CS	CF400-14SS
		5-5/64"	5-8/64"	150	300	5.188"	.090"	4"	CF400-15CS	CF400-15SS
		5-9/64"	5-12/64"	150	300	5.250"	.090"	4"	CF400-16CS	CF400-16SS
		6-21/64"	6-28/64"	*	*	6.500"	.120"	5-7/8"	CF600-1CS	CF600-1SS
		6-29/64"	6-36/64"	*	*	6.625"	.120"	5-7/8"	CF600-2CS	CF600-2SS
		6-37/64"	6-44/64"	*	*	6.750"	.120"	5-7/8"	CF600-3CS	CF600-3SS
		6-45/64"	6-52/64"	*	*	6.875"	.120"	5-7/8"	CF600-4CS	CF600-4SS
	6"	6-53/64"	6-60/64"	*	*	7.000"	.120"	5-7/8"	CF600-5CS	CF600-5SS
		6-61/64"	7-4/64"	*	*	7.125"	.120"	5-7/8"	CF600-6CS	CF600-6SS
		7-5/64"	7-12/64"	*	*	7.250"	.120"	5-7/8"	CF600-7CS	CF600-7SS
		7-13/64"	7-20/64"	*	*	7.375"	.120"	5-7/8"	CF600-8CS	CF600-8SS
		7-21/64"	7-28/64"	*	*	7.500"	.120"	5-7/8"	CF600-9CS	CF600-9SS
	'			1	. '				1	•

^{*} consult Dixon® at engineering@dixonvalve.com for pressure rating

¹ based on using crimp cam & groove shanks

² based on using King[™] crimp nipples

King Crimp™ Style Combination Nipples

Threaded End

Feature:

• 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.

Hose ID	Schedule 80 Plated Carbon Steel Part #	316 Stainless Steel Part #
1"	STC10CS	RST10CS
11/4"	STC15CS	RST15CS
1½"	STC20CS	RST20CS
2"	STC25CS	RST25CS
3"	STC35CS	RST35CS
4"	STC40CS	RST40CS
6"	STC60CS	RST60CS



• for 8" options see page 117

Grooved End

Feature:

 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.

Hose ID	Schedule 80 Plated Carbon Steel Part #	316 Stainless Steel Part #		
1"	STV10CS	RSTV10CS		
1½"	STV20CS	RSTV20CS		
2"	STV25CS	RSTV25CS		
3"	STV35CS	RSTV35CS		
4"	STV40CS	RSTV40CS		
4	STV40CS	RSTV40CS		
6"	STV60CS	RSTV60CS		



Beveled End

Feature:

 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.

Hose ID	Schedule 80 Carbon Steel Part #	316 Stainless Steel Part #
1"	STB10CS	RSTB10CS
1½"	STB20CS	RSTB20CS
2"	STB25CS	RSTB25CS
3"	STB35CS	RSTB35CS
4"	STB40CS	RSTB40CS
6"	STB60CS	RSTB60CS



• For additional information on pipe dimensions please reference dixonvalve.com.

FJIC

Hann ID	Ambient Work	Carbon Steel	
Hose ID	Sleeve	Ferrule	Part #
1"	400	400	SFJCT10CS
11/2"	300	350	SFJCT20CS
2"	250	300	SFJCT25CS

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.





King Crimp™ Style

150# ASA Fixed (Welded) Flanges



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

Due to differences in dimensions and tolerances for safety reasons, <u>do not</u> 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.

Size	Steel Part #	316 Stainless Steel Part #
1½"	FST20CS	RFST20CS
2"	FST25CS	RFST25CS
3"	FST35CS	RFST35CS
4"	FST40CS	RFST40CS
6"	FST60CS	RFST60CS

- For flange dimensions, diagrams and additional information please reference dixonvalve.com.
- For additional information on pipe dimensions please reference dixonvalve.com.

Combination Nipple x TTMA Flanges



carbon steel



aluminum

Feature:

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

Size	Flange Thickness	Carbon Steel Part #	<i>Aluminum</i> Part #
3"	1/4"	TTFST35CS	
3"	3/8"	TTFST35CS-THK	
4"	5/16"	TTFST40CS	ATTFST40CS
4"	3/8"	TTFST40CS-THK	

- For flange dimensions, diagrams and additional information please reference dixonvalve.com.
- For additional information on pipe dimensions please reference dixonvalve.com.

Nipples for Floating Flanges

Feature:

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



Size	Plated Carbon Steel Part #	316 Stainless Steel Part #
2"	N25CS	RN25CS
3"	N35CS	RN35CS
4"	N40CS	RN40CS
6"	N60CS	RN60CS

To be used with LJ/LJR floating flanges on page 688.

King Crimp™ Style

Short Combination Nipples - Threaded End

· for use with ferrules below

Size	Schedule 40 Plated Carbon Steel Part #
8"	STC80CS



Short Combination Nipples - Grooved End

Size	Schedule 40 Plated Carbon Steel Part #
8"	STV80CS

• For additional information on pipe dimensions please reference dixonvalve.com.



Short Ferrules

• consult Dixon® for additional ferrule sizes

Hose ID			Ferrule Wall Thickness	Ferrule ID	Ferrule Overall Length	Carbon Steel Part #
	8-29/64"	8-36/64"	.120"	8.625"	4.25"	CFS800-1CS
	8-37/64"	8-44/64"	.120"	8.750"	4.25"	CFS800-2CS
	8-45/64"	8-52/64"	.120"	8.875"	4.25"	CFS800-3CS
8"	8-53/64"	8-60/64"	.120"	9.000"	4.25"	CFS800-4CS
Ü	8-61/64"	9-4/64"	.120"	9.125"	4.25"	CFS800-5CS
	9-5/64"	9-12/64"	.120"	9.250"	4.25"	CFS800-6CS
	9-13/64"	9-20/64"	.120"	9.375"	4.25"	CFS800-7CS
	9-21/64"	9-28/64"	120"	9 500"	4 25"	CES800-8CS



Large Sleeves

Hose ID	Sleeve ID	Sleeve Wall Thickness	Sleeve Overall Length	Carbon Steel Part #
	8.30"	0.120"	8.75"	S830X875X120CS
	8.38"	0.120"	6.00"	S838X600X120CS
	8.50"	0.120"	6.50"	S850X650X120CS
	8.75"	0.120"	6.00"	S875X600X120CS
	8.98"	0.120"	8.75"	S898X875X120CS
	9.00"	0.090"	4.00"	S900X400X090CS
	9.00"	0.120"	4.00"	S900X400X120CS
8"	9.00"	0.120"	6.00"	S900X600X120CS
8	9.10"	0.120"	4.00"	S910X400X120CS
	9.12"	0.120"	6.00"	S912X600X120CS
	9.15"	0.120"	6.00"	S915X600X120CS
	9.25"	0.120"	4.00"	S925X400X120CS
	9.25"	0.120"	6.00"	S925X600X120CS
	9.50"	0.120"	4.00"	S950X400X120CS
	9.50"	0.120"	6.00"	S950X600X120CS
	9.75"	0.120"	6.00"	S975X600X120CS
	10.25"	0.120"	7.50"	S1025X750X120CS
4.01	10.50"	0.120"	7.50"	S1050X750X120CS
10"	11.00"	0.120"	6.00"	S1100X600X120CS



11.75" | 0.120"
 consult Dixon® for additional sleeve sizes

S1175X600X120CS



King Crimp™ Style

Combination Nipples - Heavy Duty, Threaded End

Application:

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

Features:

- 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.
- 400 PSI working pressure at 70°F (21°C) when used with heavy duty crimp ferrules (CF400-6CSHD through CF400-16CSHD)
- · used with ferrules below

Size	Description	Schedule 80 Steel Part#	
4"	male NPT fitting	STC40CSHD	

Ferrules - Heavy Duty

Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, <u>do not</u> 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 using heavy duty King Crimp™ stem STC40CSHD.



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

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Boss-Lock™		Reducing Dixon® with port	
EZ Boss-Lock [™]		Dixon® spool adapters	
		Reducing Type A	
Type C Couplers	134 to 138	Reducing Type B	
Dixon [®]		Reducing Type C	
with abrasion resistant inserts		Reducing Type D	
Dixon® notched NOS		Reducing Type E	
Boss-Lock™		Reducing Type F	
Boss-Lock™ with collar		readoning Type I	
Boss-Lock™ notched		Elbows	157 to 159
EZ Boss-Lock [™]		45°	
EZ Boss-Lock™ phono finish		90°	
EZ Boss-Lock™ swaged with ferrule		00	
EZ Boss-Lock [™] notched		Flanged	160
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C

EZLink™ Armless

Features:

- automatic couplers push-to-connect providing a reliable connection
- · coupler tabs cannot be pushed to disconnect when pressurized to 20 PSI or over
- · low profile allows easy connection and disconnection in tight applications
- coupler push tabs can be locked with safety pins and/or zip tie
- maximum working pressure with King Crimp[™] ferrules: 250 PSI (2"), 150 PSI (3" and 4")
- 4" maximum working pressure with crimp sleeves: 110 PSI
- 4" maximum working pressure with band clamps: 100 PSI
- gasket temperature range: 5°F to 180°F (-15°C to 82°C)
- · lifetime warranty on stainless steel tabs



Vent-Lock™ Safety

Features:

- safety release cam & 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 (21°C) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon™
 - 1", 11/2" and 2" sizes have a maximum working pressure of 250 PSI
 - 3" maximum working pressure **150 PSI** with King Crimp[™] ferrules, crimp sleeves and bands at **125 PSI**
- does not interchange with standard cam & groove products use only with Vent-Lock™
 L-style fittings





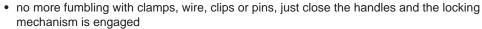
Dixon®

- · 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



EZ Boss-Lock[™]





- 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
- EZ Boss-Lock™ investment stainless steel cam arms are guaranteed! Should you break one, return it to the nearest warehouse for a free replacement.





- 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.

Cam & Groove

King Crimp™ System Cam and Groove



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

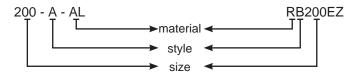
• for a complete listing of King Crimp™ system products, including cam & groove fittings, please reference pages 107 - 118

Crimp Working Pressure Chart

Size	Temperature	Fitting	Clamp	Dixon® Crimp (PSI)	Size	Temperature	Fitting	Clamp	Dixon® Crimp (PSI)
	Ambient	100-C/E	sleeve	250		Ambient	300-C/E	sleeve	125
	160°F (71°C)	100-C/E	sleeve	242		160°F (71°C)	300-C/E	sleeve	100
	180°F (82°C)	100-C/E	sleeve	240		180°F (82°C)	300-C/E	sleeve	60
1"	250°F (121°C)	100-C/E	sleeve	200	0,11	250°F (121°C)	300-C/E	sleeve	55
1	Ambient	100-C/E	ferrule	250	3"	Ambient	300-C/E	ferrule	150
	160°F (71°C)	100-C/E	ferrule	242		160°F (71°C)	300-C/E	ferrule	125
	180°F (82°C)	100-C/E	ferrule	240		180°F (82°C)	300-C/E	ferrule	100
	250°F (121°C)	100-C/E	ferrule	200		250°F (121°C)	300-C/E	ferrule	75
	Ambient	150-C/E	sleeve	250		Ambient	400-C/E	sleeve	110
	160°F (71°C)	150-C/E	sleeve	200		160°F (71°C)	400-C/E	sleeve	75
	180°F (82°C)	150-C/E	sleeve	100		180°F (82°C)	400-C/E	sleeve	60
41/11	250°F (121°C)	150-C/E	sleeve	75	4"	250°F (121°C)	400-C/E	sleeve	50
1½"	Ambient	150-C/E	ferrule	250	4	Ambient	400-C/E	ferrule	150
	160°F (71°C)	150-C/E	ferrule	200		160°F (71°C)	400-C/E	ferrule	75
	180°F (82°C)	150-C/E	ferrule	150		180°F (82°C)	400-C/E	ferrule	75
	250°F (121°C)	150-C/E	ferrule	100		250°F (121°C)	400-C/E	ferrule	75
	Ambient	200-C/E	sleeve	250		Ambient	600-C/E	sleeve	75
	160°F (71°C)	200-C/E	sleeve	100		160°F (71°C)	600-C/E	sleeve	*
	180°F (82°C)	200-C/E	sleeve	50		180°F (82°C)	600-C/E	sleeve	*
2"	250°F (121°C)	200-C/E	sleeve	50	6"	250°F (121°C)	600-C/E	sleeve	*
2	Ambient	200-C/E	ferrule	250	0	Ambient	600-C/E	ferrule	75
	160°F (71°C)	200-C/E	ferrule	100		160°F (71°C)	600-C/E	ferrule	*
	180°F (82°C)	200-C/E	ferrule	100		180°F (82°C)	600-C/E	ferrule	*
	250°F (121°C)	200-C/E	ferrule	100	•	250°F (121°C)	600-C/E	ferrule	*

^{*} Consult Dixon® for PSI ratings

Ordering System



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).

Operation of Cam and Groove

- 1. To make connection, 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.

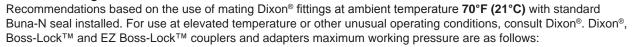


Specifications on Dixon Cam and Groove

Specifications:

- Dixon®, Boss-Lock™ and EZ Boss-Lock™ cam & 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", 5" 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:

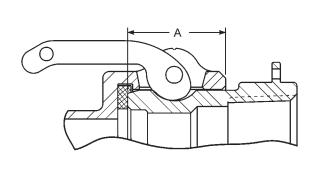




Size	1/2"	3/4" thru 2"	2½"	3"	4"	5" and 6"	8"
PSI	150	250	150	125	100	75	50
PSI (working pressure with King Crimp™ ferrule system)	150	250	150	150	150	75	50

Cam and Groove Nominal Take-Up Lengths

Caupling Ciza



Coupling Size	Dimension A
1/2"	0.97"
3/4"	0.97"
1"	1.20"
11/4"	1.44"
1½"	1.50"
2"	1.81"
2½"	1.82"
3"	1.78"
4"	1.84"
5"	2.00"
6"	2.13"
8"	2.06"
8"	3.22"

Cam and Groove Configurations

Configurations are representative of the Dixon® line of cam & groove.



Type A male adapter x female NPT



Type B female coupler x male NPT



Type C female coupler x hose shank



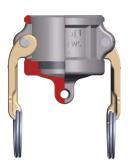
female coupler x female NPT



Type E male adapter x hose shank



Type F male adapter x male NPT



Type DC ¹
dust cap



Type DP ¹ dust plug



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



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

EZLink™ Armless Cam and Groove

Applications:

- transfer and/or unloading of fuels (gasoline or diesel) from tank truck to storage tanks
- · transfer of liquids compatible with the available coupling and gasket materials

Materials:

- Couplings and dust caps: A356 aluminum, 316 stainless steel
- · Coupler tabs and springs: 316 stainless steel
- · Gasket: Buna-N

Features:

- automatic couplers push-to-connect providing a reliable connection
- low profile allows easy connection and disconnection in tight applications
- · coupler push tabs can be locked with safety pins and/or zip tie
- · compatible with standard cam and groove adapters
- lifetime warranty on stainless steel tabs

Specifications:

- maximum working pressure with King Crimp™ ferrules: 250 PSI (2"), 150 PSI (3" and 4")
- maximum working pressure with crimp sleeves: 2" 250 PSI, 3" 125 PSI, 4" 110 PSI
- maximum working pressure with band clamps: 2" 250 PSI, 3" 125 PSI, 4" 100 PSI
- gasket temperature range: 5°F to 180°F (-15°C to 82°C)

Only use EZLink™ gaskets and tabs for this coupling system. Traditional cam & groove handles and gaskets, or other types of seals are not compatible and will fail.

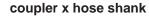


Type B Couplers coupler x male NPT



Size	A356 Aluminum Part #	316 Stainless Steel Part #
1½"	EZL150-B-AL NEW	EZL150-B-SS
2"	EZL200-B-AL	EZL200-B-SS
3"	EZL300-B-AL	EZL300-B-SS NEW
4"	EZL400-B-AL	

Type C Couplers - King Crimp™ Hose Shank





Size	A356 Aluminum Part #	316 Stainless Steel Part #
1½" 2" 3" 4"	EZL150-C-AL EZL200-C-AL EZL300-C-AL EZL400-C-AL	EZL150-C-SS EZL200-C-SS EZL300-C-SS

Type D Couplers coupler x female NPT



Size	A356 Aluminum Part #	316 Stainless Steel Part #
1½" 2" 3" 4"	EZL150-D-AL EZL200-D-AL EZL300-D-AL EZL400-D-AL	EZL150-D-SS EZL200-D-SS EZL300-D-SS

C

Type DC Dust Caps

Size	A356 Aluminum Part #	316 Stainless Steel Part #
1½"	EZL150-DC-AL	EZL150-DC-SS NEW
2"	EZL200-DC-AL	EZL200-DC-SS
3"	EZL300-DC-AL	EZL300-DC-SS
4"	EZL400-DC-AL	



Replacement Kits

• kit contains: 2 pins, 2 springs and 2 tabs

Size	Part #
2"	EZL200RPLKIT
3" and 4"	EZL300RPLKIT



Replacement Gaskets

			M
Size	Buna-N Part #	Fluorosilicone Part #	FKM Part #
1½"	EZL150-G-BU	EZL150-G-FV	EZL150-G-VI
2"	EZL200-G-BU	EZL200-G-FV	EZL200-G-VI
3"	EZL300-G-BU	EZL300-G-FV	EZL300-G-VI
4"	EZL400-G-BU	EZL400-G-FV	EZL400-G-VI



Safety Clip

Plated Carbon Steel Part #

EZLCL400

• clip is optional



Bottle Opener

Brass Part #

CAMOPENER



Vent-Lock™ Safety Cam and Groove Couplings

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 (21°C) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon™
 - 1", 11/2" and 2" sizes have a maximum working pressure of 250 PSI
 - 3" maximum working pressure **150 PSI** with King Crimp[™] ferrules, crimp sleeves and bands at **125 PSI**
 - 4" maximum working pressure **150 PSI** with King Crimp[™] ferrules, crimp sleeves and bands at **100 PSI**
- does not interchange with standard cam and groove products use only with Dixon[®]
 L-style fittings



- · safety orange cam arms
- consult Dixon® for availability of other materials

Attachment Options:

• ferrules, sleeves, bands, and other reliable options

Type A Adapters adapter x female NPT



Size	316 Stainless Steel Part #	Aluminum Part #
1"	L100-A-SS	
1½"	L150-A-SS	
2"	L200-A-SS	
3"	L300-A-SS	
4"		L400-A-AL

Type C Couplers coupler x hose shank



Size	316 Stainless Steel Part #
1"	L100-C-SS
1½"	L150-C-SS
2"	L200-C-SS

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



Size	316 Stainless Steel Part #	<i>Aluminum</i> Part #
1"	RLC100EZ	
1½"	RLC150EZ	
2"	RLC200EZ1	
3"	RLC300EZ1	
		ALC400EZ1

has drop shank

Cam & Groove



coupler x female NPT

Size	316 Stainless Steel Part #
1"	RLD100EZ
1½"	RLD150EZ
2"	RLD200EZ



Type E Adapters adapter x hose shank

Size	316 Stainless Steel Part #
1"	L100-E-SS
1½"	L150-E-SS
2"	L200-E-SS
3"	L300-E-SS



Type DC Dust Caps

Size	316 Stainless Steel Part #
1"	L100-DC-SS
1½"	L150-DC-SS
2"	L200-DC-SS



Type DP Dust Plugs

Size	316 Stainless Steel Part #
1" 1½" 2" 3"	L100-DP-SS L150-DP-SS L200-DP-SS L300-DP-SS



EZ Boss-Lock™ Type H Dust Caps

Size	316 Stainless Steel Part #
1"	RLH100EZ
1½"	RLH150EZ
2"	RLH200EZ
3"	RLH300EZ





Accessories

Dixon® handle assembly

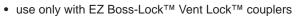


- use only with Dixon® Vent-Lock™ couplers
 includes handle, ring and pin



Size	316 Stainless Steel Part #	
1"	L100-HSCRP-SI	
1½" - 2"	L200-HSCRP-SI	

EZ Boss-Lock™ handle assembly





• includes handle, ring and pin



0:	316 Stainless Steel	
Size	Part #	
1"	LRHEZ175	
1½" - 2	LRHEZ152	
3"	LRHEZ34	

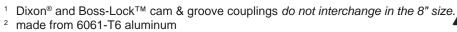


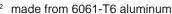
Type A Adapters adapter x female NPT

Feature:

• Pressure rating is based on the seal of the mating part. See ratings on page 124.

Size	356T6 Aluminum	Aluminum Hard Coat	Brass
Size	Part #	Part #	Part #
1/2"	50-A-AL ²		50-A-BR
3⁄4" X 1⁄2"	7550-A-AL ²		7550-A-BR
3/4"	75-A-AL ²		75-A-BR
1"	100-A-AL ²		100-A-BR
1¼"	125-A-AL		125-A-BR
1½"	150-A-AL	150-A-ALH	150-A-BR
2"	200-A-AL	200-A-ALH	200-A-BR
2½"	250-A-AL		250-A-BR
3"	300-A-AL	300-A-ALH	300-A-BR
4"	400-A-AL	400-A-ALH	400-A-BR
5"	500-A-AL		500-A-BR
6"	600-A-AL	600-A-ALH	600-A-BR
8" DIX	800-A-AL ¹		
8" BL	801-A-AL ¹		





Size	Unplated Malleable Iron	Plated Malleable Iron	316 Stainless Steel
Size	Part #	Part #	Part #
1/2"			50-A-SS
3/4" X 1/2"			7550-A-SS
3/4"		75-A-PM	75-A-SS
1"		100-A-PM	100-A-SS
11/4"			125-A-SS
1½"	150-A-MI	150-A-PM	150-A-SS
2"	200-A-MI	200-A-PM	200-A-SS
2½"			250-A-SS
3"	300-A-MI	300-A-PM	300-A-SS
4"	400-A-MI	400-A-PM	400-A-SS
5"	500-A-MI		500-A-SS
6"		600-A-PM ¹	600-A-SS

¹ ductile iron



356T6 aluminum



aluminum hardcoat



brass



unplated malleable iron



plated malleable iron



316 stainless steel

adapter x female NPT with abrasion resistant inserts

Feature:

· used in extreme abrasion transfer applications such as sand transfer in hydraulic fracturing

Description	UHMW Polyethylene Insert Part #
(400-A-AL) aluminum adapter x female NPT with UHMW insert	400-A-ALINSERT
(400-A-BR) brass adapter x female NPT with UHMW insert	400-A-BRINSERT
(400-A-MI) malleable iron adapter x female NPT with UHMW insert	400-A-MIINSERT
(400-A-SS) stainless steel adapter x female NPT with UHMW insert	400-A-SSINSERT

Replacement inserts are available on page 172.

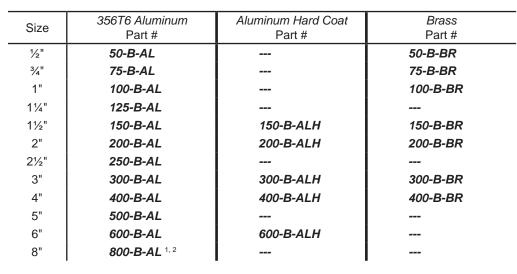


400-A-ALINSERT

Dixon® Type B Couplers

coupler x male NPT

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170.
- ½" Dixon® coupler has only one cam arm.
- Pull rings are not supplied on ½" 1" Dixon® couplings.



- Dixon® and Boss-Lock™ cam & groove couplings do not interchange in the 8" size. The 8" Dixon® design has 4 cam arms.
- ² Parts are produced as a welded fabrication.

Size	Unplated Malleable Iron	316 Stainless Steel
Size	Part #	Part #
1/2"		50-B-SS
3/4"		75-B-SS
1"		100-B-SS
1½"	150-B-MI ¹	150-B-SS
2"	200-B-MI	200-B-SS
2½"		250-B-SS
3"	300-B-MI ¹	300-B-SS
4"	400-B-MI	400-B-SS
6"		600-B-SS

¹ ductile iron



356T6 aluminum



aluminum hard coat



brass



unplated malleable iron



316 stainless steel

Boss-Lock™ Type B Couplers

coupler x male NPT

Features:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 170.
- All Boss-Lock™ couplers are supplied with pull-ring safety clips.

Size	356T6 Aluminum	Brass
Size	Part #	Part #
3/4"		BB075
1"	AB100	BB100
11/4"	AB125	BB125
1½"	AB150	BB150
2"	AB200	BB200
21/2"	AB250	BB250
3"	AB300	BB300
4"	AB400	BB400
6"	AB600	

Size	Plated Malleable Iron	316 Stainless Steel
5126	Part #	Part #
3/4" X 1/2"		RB050BL
3/4"		RB075BL
1"	IB100	RB100BL
1¼"		RB125BL
1½"		RB150BL
2"	IB200	RB200BL
3"		RB300BL
4"		RB400BL



356T6 aluminum



brass



plated malleable iron



316 stainless steel

EZ Boss-Lock™ Type B Couplers coupler x male NPT

Feature:

• Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170.

Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use. See pages 121 - 125 for further specifications.

Size	356T6 Aluminum	Brass	316 Stainless Steel
Size	Part #	Part #	Part #
3⁄4" X 1⁄2"			RB050EZ
3/4"		BB075EZ	RB075EZ
1"	AB100EZ	BB100EZ	RB100EZ
11/4"		BB125EZ	RB125EZ
1½"	AB150EZ	BB150EZ	RB150EZ
2"	AB200EZ	BB200EZ	RB200EZ
3"	AB300EZ	BB300EZ	RB300EZ
4"	AB400EZ	BB400EZ	RB400EZ
6"			RB600EZ



356T6 aluminum



200

316 stainless steel







aluminum hard coat





unplated ductile iron



316 stainless steel

Dixon® Type C Couplers

coupler x hose shank

Features:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170.
- ½" Dixon coupler has only one cam arm.
- Pull rings are not supplied on ½" 1" Dixon® couplings.

Hose	356T6 Aluminum	Aluminum Hard Coat	Brass
ID	Part #	Part #	Part #
1/2"	50-C-AL		50-C-BR
3/4"	75-C-AL		75-C-BR
1"	100-C-AL		100-C-BR
11/4"	125-C-AL		125-C-BR
1½"	150-C-AL	150-C-ALH	150-C-BR
2"	200-C-AL	200-C-ALH	200-C-BR
21/2"	250-C-AL		250-C-BR
3"	300-C-AL	300-C-ALH	300-C-BR
4"	400-C-AL	400-C-ALH	400-C-BR
5"	500-C-AL		
6"	600-C-AL	600-C-ALH	600-C-BR
8"	800-C-AL 1		

Hose	Unplated Ductile Iron	316 Stainless Steel
ID	Part #	Part #
1/2"		50-C-SS
3/4"		75-C-SS
1"		100-C-SS
11/4"		125-C-SS
1½"	150-C-MI	150-C-SS
2"	200-C-MI ²	200-C-SS
21/2"		250-C-SS
3"	300-C-MI ^{2, 3}	300-C-SS
4"	400-C-MI ^{2, 3}	400-C-SS
5"		500-C-SS
6"	600-C-MI ^{2,3}	600-C-SS

- ¹ Dixon® and Boss-Lock™ cam & groove couplings do not interchange in the 8" size.The 8" Dixon® design has 4 cam arms.
- ² Suitable for use with King Crimp™ sleeves and ferrules, see pages 111 114
- 3 ductile iron

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.



coupler x hose shank with abrasion resistant inserts

Feature:

· used in extreme abrasion transfer applications such as sand transfer in hydraulic fracturing

Description	UHMW Polyethylene Part #
(400-C-AL) aluminum coupler x hose shank with UHMW insert (400-A-MI) malleable iron coupler x hose shank with UHMW insert	400-C-ALINSERT 400-C-MIINSERT

Replacement inserts are available on page 172.



Dixon® Type C Couplers with Notched NOS Shank coupler x 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 on page 143
- see page 195 for male NPT notched NOS fittings

Size	316 Stainless Steel
	Part #
1½"	150CNOSSS 1
2"	200CNOSSS
3"	300CNOSSS

¹ part will be discontinued as stock is depleted

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.





Boss-Lock™ Type C Couplers

coupler x hose shank

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170
- All Boss-Lock™ couplers are supplied with pull-ring safety clips.

Ciro	356T6 Aluminum	Brass
Size	Part #	Part #
3/4"	AC075	BC075
1"	AC100	BC100
1¼"	AC125	BC125
1½"	AC150	BC150
2"	AC200	BC200
2½"	AC250	BC250
3"	AC300	BC300
4"	AC400	BC400
6"	AC600	BC600
8"	AC800 ¹	

Size	Plated Malleable Iron	316 Stainless Steel
Size	Part #	Part #
3/4" X 1/2"		RC050BL
3/4"	IC075	RC075BL
1"	IC100	RC100BL
11/4"		RC125BL
1½"	IC150	RC150BLNO
2"	IC200	RC200BLNO
3"	IC300	RC300BL
4"	IC400 ²	RC400BLNO
6"	IC600 ²	

¹ Dixon[®] and Boss-Lock[™] cam & groove couplings *do not interchange in the 8" size*.



356T6 aluminum



brass



plated malleable iron



² ductile iron

EZ Boss-Lock™ Type C Couplers with Collared Hose Shank

coupler x collared hose shank

Features:

- · design provides greater resistance to end pull than conventional band clamps and 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

Size	316 Stainless Steel Part #
1"	RC100CEZ
1½"	RC150CEZ
2"	RC200CEZ



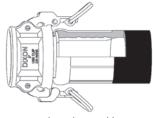
Boss-Lock™ Type C Couplers with Notched Shank

coupler x hose shank

Features:

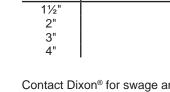
- coupling can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting, after inspection of the fitting to determine its suitability for reuse, it can be reinstalled into another hose by using a new ferrule
- system allows you to better manage your inventories, 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 page 144

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.



crimped assembly

swaged assembly



Size	316 Stainless Steel Part #
1½"	RC150BLNO
2"	RC200BLNO
3"	RC300BLNO
4"	RC400BLNO

Contact Dixon® for swage and crimp recommendations.

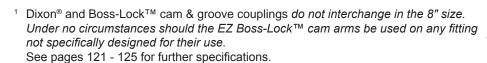
EZ Boss-Lock™ Type C Couplers

coupler x hose shank

Feature:

 Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170

0:	356T6 Aluminum	Brass	316 Stainless Steel
Size	Part #	Part #	Part #
3/4" X 1/2"			RC050EZ
3/4"	AC075EZ	BC075EZ	RC075EZ
1"	AC100EZ	BC100EZ	RC100EZCR
11/4"		BC125EZ	RC125EZCR
1½"	AC150EZ	BC150EZ	RC150EZNO
2"	AC200EZ	BC200EZ	RC200EZNO
21/2"	AC250EZ		
3"	AC300EZ	BC300EZ	RC300EZCR
4"	AC400EZ	BC400EZ	RC400EZCR
6"	AC600EZ		RC600EZCR
8"	AC800EZ 1		







356T6 aluminum



brass



316 stainless steel

EZ Boss-Lock™ Type C Couplers with Phono Finish Shank

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.

- 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 & groove shank design
- for best results we recommend the use of 3/4" wide band clamps found on page 276
- other sizes available, consult Dixon® for pricing and availability

Size	316 Stainless Steel Part #	Optional Qty
2"	RC200EZPF	10
3"	RC300EZPF	5



EZ Boss-Lock™ Type C Couplers with Swaged Ferrule

Application:

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.



- 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
- available on special order, other sizes or hose OD's, consult Dixon® for pricing and availability
- special equipment required for installation, consult Dixon® for pricing and availability or refer to page 85 for more information

Size	Hose OD		316 Stainless Steel	
	from	to	Part #	
3/4"	1-6/64"	1-22/64"	RC075EZ-70	
1"	1-29/64"	1-35/64"	RC100EZ-20	
1"	1-36/64"	1-44/64"	RC100EZ-70	

EZ Boss-Lock™ Type C Couplers with Notched Hose Shank coupler x hose shank

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 page 143

Size	316 Stainless Steel
	Part #
1½"	RC150EZNO
2"	RC200EZNO
3"	RC300EZNO
4"	RC400EZNO

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, <u>do not</u> use other manufacturer's stems or ferrules with Dixon® products.



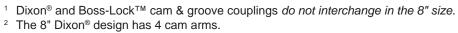




Dixon® Type D Couplers coupler x female NPT

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170.
- ½" Dixon® coupler has only one cam arm.
- Pull rings are not supplied on ½" 1" Dixon® couplings.

Size	356T6 Aluminum	Aluminum Hard Coat	Brass
Size	Part #	Part #	Part #
1/2"	50-D-AL		50-D-BR
3/4"	75-D-AL		75-D-BR
1"	100-D-AL		100-D-BR
11/4"	125-D-AL		125-D-BR
1½"	150-D-AL	150-D-ALH	150-D-BR
2"	200-D-AL	200-D-ALH	200-D-BR
2½"	250-D-AL		250-D-BR
3"	300-D-AL	300-D-ALH	300-D-BR
4"	400-D-AL	400-D-ALH	400-D-BR
5"	500-D-AL		500-D-BR
6"	600-D-AL	600-D-ALH	600-D-BR
8"	800-D-AL ^{1, 2}		





C:	Unplated Malleable Iron	316 Stainless Steel
Size	Part #	Part #
1/2"		50-D-SS
3/4"		75-D-SS
1"		100-D-SS
1¼"		125-D-SS
1½"	150-D-MI	150-D-SS
2"	200-D-MI	200-D-SS
21/2"		250-D-SS
3"	300-D-MI	300-D-SS
4"	400-D-MI ¹	400-D-SS
5"	500-D-MI	500-D-SS
6"		600-D-SS

¹ ductile iron



356T6 aluminum



aluminum hard coat



brass



unplated malleable iron



316 stainless steel

Boss-Lock™ Type D Couplers

coupler x female NPT

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 -170.
- All Boss-Lock™ couplers are supplied with pull-ring safety clips.







Size	356T6 Aluminum	Brass
Size	Part #	Part #
3/4" X 1/2"	AD050	BD050
3/4"	AD075	BD075
1"	AD100	BD100
1¼"	AD125	BD125
1½"	AD150	BD150
2"	AD200	BD200
21/2"	AD250	BD250
3"	AD300	BD300
4"	AD400	BD400
5"	AD500	
6"	AD600	BD600
8"	AD800 ¹	



plated malleable iron



316 stainless steel

Size	Plated Malleable Iron	316 Stainless Steel
Size	Part #	Part #
3/4" X 1/2"		RD050BL
3/4"	ID075	RD075BL
1"	ID100	RD100BL
11/4"		RD125BL
1½"	ID150	RD150BL
2"	ID200	RD200BL
3"	ID300	RD300BL
4"	ID400	RD400BL
6"	ID600 ²	

- ¹ Dixon[®] and Boss-Lock[™] cam & groove couplings do not interchange in the 8" size.
- ² ductile iron



EZ Boss-Lock™ Type D Couplers coupler x female NPT

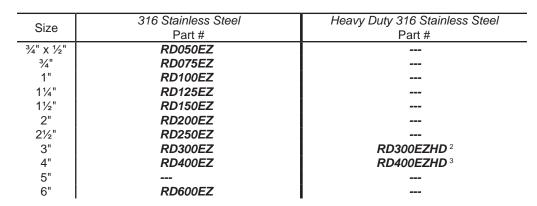
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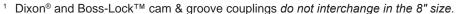
 Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170.

Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use. See page 122 for further specifications



Size	356T6 Aluminum	Brass
Size	Part #	Part #
3⁄4" X 1⁄2"		
3/4"	AD075EZ	BD075EZ
1"	AD100EZ	BD100EZ
11/4"		BD125EZ
1½"	AD150EZ	BD150EZ
2"	AD200EZ	BD200EZ
2½"	AD250EZ	BD250EZ
3"	AD300EZ	BD300EZ
4"	AD400EZ	BD400EZ
5"	AD500EZ	
6"	AD600EZ	
8"	AD800FZ 1	mm m





² pressure rating of **400 PSI**



356T6 aluminum



brass



316 stainless steel



heavy duty 316 stainless steel

³ pressure rating of 300 PSI

Cam & Groove

356T6 aluminum



aluminum hard coat





brass

Type E Adapters adapter x hose shank

Feature:

• Pressure rating is based on the seal of the mating part. See ratings on page 124.

Size	356T6 Aluminum	Aluminum Hard Coat	Brass
Size	Part #	Part #	Part #
1/2"	50-E-AL		50-E-BR
3⁄4" X 1⁄2"	7550-E-AL		
3/4"	75-E-AL		75-E-BR
1"	100-E-AL		100-E-BR
1¼"	125-E-AL		125-E-BR
1½"	150-E-AL	150-E-ALH	150-E-BR
2"	200-E-AL	200-E-ALH	200-E-BR
2½"	250-E-AL		250-E-BR
3"	300-E-AL	300-E-ALH	300-E-BR
4"	400-E-AL	400-E-ALH	400-E-BR
5"	500-E-AL		
6"	600-E-AL	600-E-ALH	600-E-BR
8" DIX	800-E-AL ¹		
8" BL	801-E-AL ¹	l	

¹ Dixon[®] and Boss-Lock[™] cam & groove couplings do not interchange in the 8" size.





unplated malleable iron



plated malleable iron



316 stainless steel

Size	Unplated Malleable Iron	Plated Malleable Iron	316 Stainless Steel
Size	Part #	Part #	Part #
1/2"			50-E-SS
3/4" X 1/2"			7550-E-SS
3/4"		75-E-PM	75-E-SS
1"		100-E-PM	100-E-SS
11/4"		125-E-PM	125-E-SS
1½"	150-E-MI	150-E-PM	150-E-SS
2"	200-E-MI ²	200-E-PM	200-E-SS
21/2"			250-E-SS
3"	300-E-MI ^{1, 2}	300-E-PM ^{1, 2}	300-E-SS
4"	400-E-MI ^{1, 2}	400-E-PM ^{1, 2}	400-E-SS
5"			500-E-SS
6"	600-E-MI ^{1, 2}	600-E-PM ^{1, 2}	600-E-SS

¹ suitable for King Crimp™ sleeves and ferrules, see pages 111 - 114

Type E Adapter with Phono Finish Shank

Applications:

 Shank design 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.

- When 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 Dixon[®] recommends the use of ¾" wide band clamps found on page 276
- other sizes available, consult Dixon® for pricing and availability

Size	316 Stainless Steel Part #	Optional Qty
2"	RE200PF	10



² ductile iron

Type E Adapters with Swaged Ferrule

Applications:

 Developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes.

- · provides a permanently attached cam and groove fitting when superior coupling retention is required
- testing tank transport hoses from a wide variety of manufacturers proved the swaged Boss-Lock™ fitting to be the leader in overall performance
- other sizes or hose OD's (available on special order), consult Dixon® for pricing and
- special equipment required for installation, consult Dixon® for pricing and availability or refer to page 85 for more information

C:	Hose OD		316 Stainless Steel
Size	from	to	Part #
3/4"	1-6/64"	1-22/64"	RE075-1370
1"	1-29/64"	1-35/64"	RE100-1620
1"	1-36/64"	1-44/64"	RE100-1770



Type E Adapters with Notched Shank adapter x hose shank

Features:

- · 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 inventory, 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 below

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.



316 Stainless Steel Part #
RE150NO
RE200NO
RE300NO
RE400NO



crimped assembly

Notched Ferrules

- · reference notched shanks and adapters above
- 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 Holedall™ products.

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Size	Hose OD		304 Stainless Steel
Size	From	То	Part #
1½"	1-60/64"	2-12/64"	GAS2334NO
1½"	2-4/64"	2-22/64"	GAS2370NO
2"	2-30/64"	2-44/64"	GAS2709NO
2"	2-42/64"	2-54/64"	GAS2885NO
21/2"	2-54/64"	3"	GAS3012NO
21/2"	3-1/64"	3-13/64"	GAS3260NO
3"	3-30/64"	3-46/64"	GAS3760NO
3"	3-47/64"	3-54/64"	GAS3885NO
4"	4-40/64"	4-47/64"	GAS5010NO

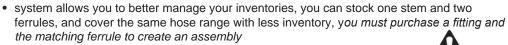


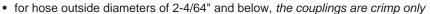


Type E Adapters with Notched NOS shank

adapter x shank

Features:





- for hose outside diameters of 2-5/64" and above, the couplings can be crimped or swaged
- for use with notched ferrules on page 143
- see page 195 for male NPT notched NOS fittings

Size	316 Stainless Steel Part #
1½"	150ENOSSS 1
2"	200ENOSSS
3"	300ENOSSS

¹ part will be discontinued as stock is depleted

Only use the NOS shank with the NOS ferrules.







• reference notched shanks on page 195 and adapters above



Size	Hose OD		304 Stainless Steel
Size	From	То	Part #
1½"	1-60/64"	2-12/64"	GAS2334NOS
1½"	2-4/64"	2-22/64"	GAS2370NOS
2"	2-30/64"	2-44/64"	GAS2709NOS
2"	2-42/64"	2-54/64"	GAS2885NOS
3"	3-30/64"	3-46/64"	GAS3760NOS
3"	3-47/64"	3-54/64"	GAS3885NOS
4"	4-40/64"	4-47/64"	GAS5010NOS

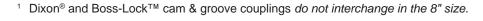
Type F Adapters x NPT

adapter x male NPT

• Pressure rating is based on the seal of the mating part. See ratings on page 124.



Size	356T6 Aluminum	Aluminum Hard Coat	Brass
Size	Part #	Part #	Part #
1/2"	50-F-AL		50-F-BR
3/4" X 1/2"	7550-F-AL	l l	7550-F-BR
3/4"	75-F-AL		75-F-BR
1"	100-F-AL		100-F-BR
11/4"	125-F-AL	l	125-F-BR
1½"	150-F-AL	150-F-ALH	150-F-BR
2"	200-F-AL	200-F-ALH	200-F-BR
21/2"	250-F-AL		250-F-BR
3"	300-F-AL	300-F-ALH	300-F-BR
4"	400-F-AL	400-F-ALH	400-F-BR
5"	500-F-AL	l l	
6"	600-F-AL	600-F-ALH	600-F-BR
8" DIX	800-F-AL ¹	l l	
8" BL	801-F-AL ¹	l	





Cizo	Unplated Malleable Iron	Plated Malleable Iron	316 Stainless Steel
Size	Part #	Part #	Part #
1/2"			50-F-SS
3/4" X 1/2"			7550-F-SS
3/4"		75-F-PM	75-F-SS
1"		100-F-PM	100-F-SS
11/4"			125-F-SS
1½"	150-F-MI	150-F-PM	150-F-SS
2"	200-F-MI	200-F-PM	200-F-SS
21/2"			250-F-SS
3"	300-F-MI	300-F-PM	300-F-SS
4"	400-F-MI	400-F-PM	400-F-SS
6"		600-F-PM	600-F-SS



356T6 aluminum



aluminum hard coat



brass



unplated malleable iron



plated malleable iron



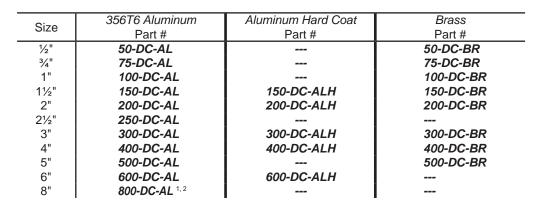
316 stainless

C

Dixon® Type DC Dust Caps

Features:

- Buna-N gasket supplied standard, other gaskets available on pages 167 170.
- ½" Dixon® has only one cam arm.
- Pull rings are not supplied on ½" 1" Dixon® couplings.





356T6 aluminum



aluminum hard coat



brass



unplated malleable iron

Dixon® and Boss-Lock™ cam & groove couplings do not interchange in the 8" size.
 The 8" Dixon® dust cap has 2 cam arms.



Size	Unplated Malleable Iron	316 Stainless Steel
	Part #	Part #
1/2"		50-DC-SS ¹
3/4"		75-DC-SS
1"		100-DC-SS
1½"		150-DC-SS
2"	200-DC-MI	200-DC-SS
21/2"		250-DC-SS
3"	300-DC-MI	300-DC-SS
4"	400-DC-MI	400-DC-SS
5"		500-DC-SS
6"		600-DC-SS



316 stainless steel

Dixon® Lockable Dust Caps

Features:

- Buna-N gasket standard, other gaskets available on pages 167 170.
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.



Size	356T6 Aluminum	Brass
Size	Part #	Part #
1½"	150DC-LAL	150DC-LBR
2"	200DC-LAL	200DC-LBR
3"	300DC-LAL	300DC-LBR
4"	400DC-LAL	
6"	600DC-LAL	



Feature:

• angled, ergonomic thumb release

Size	316 Stainless Steel Part #
1½"	150DC-LSS
2"	200DC-LSS
3"	300DC-LSS
4"	400DC-LSS



Boss-Lock™ Type H Dust Caps

Features:

- Buna-N gasket standard, other gaskets available on pages 167 170.
- supplied with pull-ring safety clips
- · Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.







356T6 aluminum



plated malleable iron



316 stainless steel

	356T6 Aluminum	Droop
Size	30010 Aluminum	Brass
0126	Part #	Part #
1"	AH100	BH100
11/4"	AH125	BH125
1½"	AH150	BH150
2"	AH200	BH200
21/2"	AH250	BH250
3"	AH300	ВН300
4"	AH400	BH400
6"	AH600	BH600
8"	AH800 ¹	

Size	Plated Malleable Iron	316 Stainless Steel
Size	Part #	Part #
3/4"		RH075BL
1"		RH100BL
1¼"		RH125BL
1½"	IH150	RH150BL
2"	IH200	RH200BL
3"	IH300	RH300BL
4"	IH400	RH400BL
6"	IH600	

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



Cam & Groove

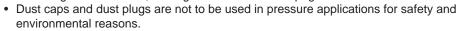


EZ Boss-Lock™ Type H Dust Caps

356T6 aluminum

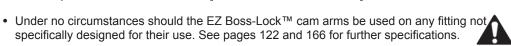
Features:

• Buna-N gasket standard, other gaskets available on pages 167 - 170.





Size	356T6 Aluminum	Brass	316 Stainless Steel
3126	Part #	Part #	Part #
3/4"			RH075EZ
1"	AH100EZ	BH100EZ	RH100EZ
11/4"			RH125EZ
1½"	AH150EZ	BH150EZ	RH150EZ
2"	AH200EZ	BH200EZ	RH200EZ
21/2"	AH250EZ		
3"	AH300EZ	BH300EZ	RH300EZ
4"	AH400EZ		RH400EZ
6"	AH600EZ		RH600EZ







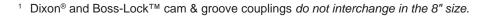
316 stainless steel

Type DP Dust Plugs

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



Cina	356T6 Aluminum	Aluminum Hard Coat	Brass
Size	Part #	Part #	Part #
1/2"			50-DP-BR
3/4"	75-DP-AL		75-DP-BR
1"	100-DP-AL		100-DP-BR
11/4"	125-DP-AL		125-DP-BR
1½"	150-DP-AL	150-DP-ALH	150-DP-BR
2"	200-DP-AL	200-DP-ALH	200-DP-BR
2½"	250-DP-AL		
3"	300-DP-AL	300-DP-ALH	300-DP-BR
4"	400-DP-AL	400-DP-ALH	400-DP-BR
5"	500-DP-AL		
6"	600-DP-AL	600-DP-ALH	600-DP-BR
8" DIX	800-DP-AL ¹		
8" BL	801-DP-AL ¹		





Size	Unplated Malleable Iron	Plated Malleable Iron	316 Stainless Steel
5126	Part #	Part #	Part #
1/2"			50-DP-SS 1
3/4"			75-DP-SS
1"			100-DP-SS
11/4"		125-DP-PM	125-DP-SS
1½"	150-DP-MI	150-DP-PM	150-DP-SS
2"	200-DP-MI	200-DP-PM	200-DP-SS
21/2"		250-DP-PM	250-DP-SS
3"	300-DP-MI	300-DP-PM	300-DP-SS
4"	400-DP-MI	400-DP-PM	400-DP-SS
6"			600-DP-SS



356T6 aluminum



aluminum hard coat



brass



unplated malleable iron



plated malleable iron



316 stainless steel

Type A Adapters

adapter x female NPT



Size	Hastelloy® CW12MW Part #	
1"	100-A-HA	
1½"	150-A-HA	
2"	200-A-HA	
3"	300-A-HA	

• Pressure rating is based on the seal material of the mating part. See rating on page 124

Type E Adapters

adapter x shank



Size	Hastelloy® CW12MW Part #
1"	100-E-HA ¹
1½"	150-E-HA
2"	200-E-HA ¹
3"	300-E-HA

• Pressure rating is based on the seal material of the mating part. See rating on page 124

¹ have King Crimp™ shank

Type F Adapters

adapter x male NPT



Size	Hastelloy® CW12MW
	Part #
1"	100-F-HA
1½"	150-F-HA
2"	200-F-HA
3"	300-F-HA

• Pressure rating is based on the seal material of the mating part. See rating on page 124

C

EZ Boss-Lock™ Type B Couplers

coupler x male NPT

Materials:

- EZ Boss-Lock™ cam arms: 316 stainless steel
- · pins: 302 stainless steel
- rings: yellow zinc plated 12 gauge steel wire

Feature:

· couplers supplied with FKM gaskets

Size	Hastelloy® CW12MW Part #
1"	HAB100EZ
1½"	HAB150EZ
2"	HAB200EZ
3"	HAB300EZ



EZ Boss-Lock™ Type C Couplers

coupler x hose shank

Materials:

- EZ Boss-Lock™ cam arms: 316 stainless steel
- pins: 302 stainless steel
- rings: yellow zinc plated 12 gauge steel wire

Feature:

· couplers supplied with FKM gaskets

Hastelloy® CW12MW
Part #
HAC100EZ1
HAC150EZ
HAC200EZ1
HAC300EZ



EZ Boss-Lock™ Type D Couplers coupler x female NPT

Materials:

- EZ Boss-Lock™ cam arms: 316 stainless steel
- pins: 302 stainless steel
- rings: yellow zinc plated 12 gauge steel wire

Feature:

· couplers supplied with FKM gaskets

C:	Hastelloy® CW12MW
Size	Part #
1"	HAD100EZ
1½"	HAD150EZ
2"	HAD200EZ
3"	HAD300EZ



¹ King Crimp™ shank



Type DA Couplings with Port

coupler x adapter

Feature:

• Buna-N gasket standard with a, other gaskets available on pages 167 - 170.



4030-DA-SS

4060-DA-AL

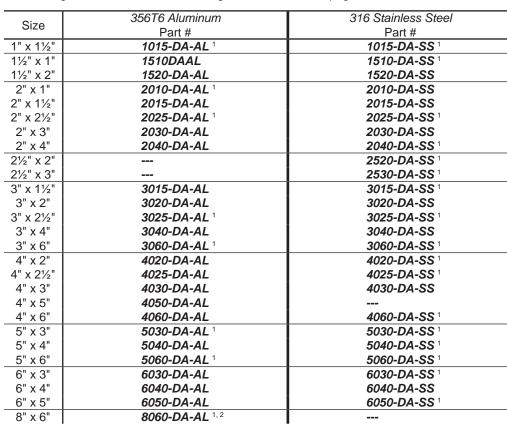
Size	Port	316 Stainless Steel Part #
3" x 3"	1/4"	300DAT25SS
3" x 3"	3/8"	300DAT38SS
3" x 3"	½"	300DAT50SS
3" x 3"	¾"	300DAT75SS

Type DA Jump Size Couplings

coupler x adapter

Feature:

• Buna-N gasket standard with a, other gaskets available on pages 167 - 170.





2015-DA-AL

¹ parts are produced as a welded fabrication

Size

3" x 2"

3" x 4"

4" x 3"

6" x 4"

² The 8" coupler only interchanges with Dixon® adapters.

Brass

Part #

3020-DA-BR

3040-DA-BR

4030-DA-BR

6040-DA-BR



Unplated Malleable Iron

Part #

3020-DA-MI

4030-DA-MI

6040-DA-MI



5060-DA-AL

Note: In reducing cam & 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).



Boss-Lock™ Type DA Jump Size

coupler x adapter

Features:

- Buna-N gasket standard, other gaskets available on pages 167 170.
- All Boss-Lock™ couplers are supplied with pull-ring safety clips.

Size	356T6 Aluminum	316 Stainless Steel
Size	Part #	Part #
2" x 3"	ADA2030 ¹	RDA2030BL 1
2½" x 2"	ADA2520 1	
2½" x 3"	ADA2530 1	
3" x 2"	ADA3020	RDA3020BL
3" x 4"	ADA3040 1	RDA3040BL 1
4" x 2"	ADA4020 ¹	RDA4020BL 1
4" x 3"	ADA4030	RDA4030BL
6" x 4"	ADA6040 ¹	
8" x 6"	ADA8060 1, 2	_^



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

EZ Boss-Lock™ Type DA Jump Size

coupler x adapter

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170.

Size	356T6 Aluminum	316 Stainless Steel
Size	Part #	Part #
2" x 3"	ADA2030EZ 1	RDA2030EZ1
3" x 2"	ADA3020EZ	RDA3020EZ
3" x 4"	ADA3040EZ1	RDA3040EZ1
4" x 2"	ADA4020EZ 1	RDA4020EZ1
4" x 3"	ADA4030EZ	RDA4030EZ
6" x 4"	ADA6040EZ1	RDA6040EZ



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

Dixon® Type DA Jump Size with Port

coupler x adapter

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170.

Size	Port	316 Stainless Steel Part #
3" x 2"	1/4"	3020DAT25SS
3" x 2"	3/8"	3020DAT38SS
3" x 2"	1/2"	3020DAT50SS
3" x 2"	3/4"	3020DAT75SS

port on lug

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

¹ parts are produced as a welded fabrication

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

¹ parts are produced as a welded fabrication



Type DA Spool Adapters

adapter x adapter

Feature:

· pressure rating is based on the seal of the mating part, see ratings on page 124







same size

Size	356T6 Aluminum Part #	316 Stainless Steel Part #	Unplated Malleable Iron Part #
1"		100-AA-SS	
11⁄4"		125-AA-SS ¹	
1½"	150-AA-AL	150-AA-SS	
1½" x 2"	1520-AA-AL	1520-AA-SS	
2"	200-AA-AL	200-AA-SS	
2" x 3"	2030-AA-AL	2030-AA-SS	
2" x 4"	2040-AA-AL	2040-AA-SS 1	
2½" x 3"	2530-AA-AL ¹	2530-AA-SS ¹	
2½" x 4"	2540-AA-AL 1		
3"	300-AA-AL	300-AA-SS	
3" x 4"	3040-AA-AL	3040-AA-SS ¹	
4"	400-AA-AL	400-AA-SS	NEW 400-AA-MI
4" x 5"	4050-AA-AL		
4" x 6"	4060-AA-AL	4060-AA-SS ¹	
5"	500-AA-AL ¹	500-AA-SS ¹	
5" x 6"	5060-AA-AL ¹		
6"	600-AA-AL	600-AA-SS 1	

¹ parts are produced as a welded fabrication

Size	Brass
	Part #
2"	200-AA-BR
3"	300-AA-BR

Type DD Dixon® Couplers coupler x coupler

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170





reducer / increaser

same size

Size	356T6 Aluminum Part #	316 Stainless Steel Part #			
1½"		150-DD-SS ¹			
2"	200-DD-AL	200-DD-SS			
2" x 3"	2030-DD-AL	2030-DD-SS			
3"	300-DD-AL	300-DD-SS			
3" x 4"	3040-DD-AL	3040-DD-SS ¹			
4"	400-DD-AL	400-DD-SS			
4" x 5"	4050-DD-AL ¹	4050-DD-SS ¹			
4" x 6"	4060-DD-AL ¹	4060-DD-SS			
5"	500-DD-AL ¹	500-DD-SS			
6"	600-DD-AL				
¹ parts are	¹ parts are produced as a welded fabrication				

Type DD Boss-Lock™ Couplers coupler x coupler

- Buna-N gasket standard, other gaskets available on pages 167 170
- All Boss-Lock[™] couplers are supplied with pull-ring safety clips.

Size	356T6 Aluminum Part #	316 Stainless Steel Part #			
2"	ADD200 ¹	RDD200EZ			
2" x 3"	ADD2030 ¹	RDD2030EZ1			
3"	ADD300 1	RDD300EZ 1			
3" x 4"	ADD3040 ¹	RDD3040EZ1			
4"	ADD400 ¹	RDD400EZ1			
6"		RDD600EZ1			
6"		RDD600EZ1			

¹ parts are produced as a welded fabrication



reducer / increaser



C

Type A Jump Size Adapters

adapter x female NPT

Feature:

· pressure rating is based on the seal of the mating part, see ratings on page 124

Size	356T6 Aluminum	316 Stainless Steel
Size	Part #	Part #
2" x 1½"	2015-A-AL	2015-A-SS ¹
2" x 3"	2030-A-AL	2030-A-SS
3" x 2"	3020-A-AL	3020-A-SS
3" x 4"	3040-A-AL	
4" x 3"	4030-A-AL	4030-A-SS ¹
4" x 6"	4060-A-AL	
6" x 4"	6040-A-AL	6040-A-SS ¹



Note: In reducing couplings, the cam & 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).

Dixon® Type B Jump Size Couplers

coupler x male NPT

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170

Size	356T6 Aluminum Part #	316 Stainless Steel Part #
1½" x 1"	1510-B-AL	1510-B-SS ¹
2" x 1½"	2015-B-AL	2015-B-SS ¹
2" x 3"	2030-B-AL	
3" x 2"	3020-B-AL	3020-B-SS ¹
3" x 4"	3040-B-AL	
4" x 3"	4030-B-AL	4030-B-SS ¹



Note: In reducing couplings, the cam & 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).

Dixon® Type C Jump Size Couplers coupler x hose shank

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170

Size	356T6 Aluminum	316 Stainless Steel
Size	Part #	Part #
½" x 1"		1510-C-SS
2" x 1½"	2015-C-AL 1	2015-C-SS ¹
3" x 2"	3020-C-AL	3020-C-SS
" x 2½"		3025-C-SS
3" x 4"	3040-C-AL	
4" x 3"	4030-C-AL	4030-C-SS ¹
5" x 4"	5040-C-AL 1	



Note: In reducing couplings, the cam & 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).

¹ parts are produced as a welded fabrication

¹ parts are produced as a welded fabrication

¹ parts are produced as a welded fabrication



Dixon® Type D Jump Size Couplers

coupler x female NPT

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170



Size	356T6 Aluminum Part #	Optional Qty	<i>Brass</i> Part #	316 Stainless Steel Part #
1½" x 1"	1510-D-AL	10		1510-D-SS ¹
2" x 1½"	2015-D-AL	10		2015-D-SS
3" x 2"	3020-D-AL	10		3020-D-SS
4" x 3"	4030-D-AL	10	4030-D-BR	4030-D-SS 1
5" x 4"	5040-D-AL 1			
6" x 4"	6040-D-AL 1			

¹ parts are produced as a welded fabrication

Note: In reducing couplings, the cam & 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 E Jump Size Adapters

adapter x hose shank

Feature:

pressure rating is based on the seal of the mating part, see ratings on page 124



Size	356T6 Aluminum	316 Stainless Steel
	Part #	Part #
1½" x 1"		1510-E-SS
2" x 1½"	2015-E-AL ¹	2015-E-SS ¹
3" x 2"		3020-E-SS ¹
3" x 2½"	***	3025-E-SS
4" x 3"	4030-E-AL	4030-E-SS ¹
5" x 4"	5040-E-AL ¹	

¹ parts are produced as a welded fabrication

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

Type F Jump Size Adapters adapter x male NPT

Feature:

• pressure rating is based on the seal of the mating part, see ratings on page 124



Size	356T6 Aluminum	316 Stainless Steel
Size	Part #	Part #
1½" x 2"	1520-F-AL	
2" x 1½"	2015-F-AL	2015-F-SS ¹
2" x 3"	2030-F-AL	
3" x 1½"	3015-F-AL	3015-F-SS ¹
3" x 2"	3020-F-AL	3020-F-SS
3" x 4"	3040-F-AL	
4" x 3"	4030-F-AL	4030-F-SS

¹ parts are produced as a welded fabrication

Note: In reducing couplings, the cam & 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).

Dixon® Type DA 45° Elbows adapter x coupler

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170

Size	356T6 Aluminum	316 Stainless Steel	Unplated Malleable Iron
Size	Part #	Part #	Part #
2"	200DA-45AL 1	200DA-45SS 1	
3"	300DA-45AL	300DA-45SS ¹	
4"	400DA-45AL	400DA-45SS ¹	400DA-45MI
6"	600DA-45AL		



¹ part is produced as a welded fabrication

Dixon® Type DD 45° Elbows

coupler x coupler

Feature:

Buna-N gasket standard, other gaskets available on pages 167 - 170

Size	356T6 Aluminum	316 Stainless Steel
Size	Part #	Part #
2"	200DD-45AL 1	
3"	300DD-45AL 1	300DD-45SS 1
4"	400DD-45AL	
6"	600DD-45AL 1	



part is produced as a welded fabrication

Dixon® Type DA 90° Elbows

adapter x coupler

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170

Size	356T6 Aluminum	316 Stainless Steel
3126	Part #	Part #
1"		100DA-90SS ¹
1½"	150DA-90AL ¹	150DA-90SS ¹
2"	200DA-90AL	200DA-90SS
3"	300DA-90AL	300DA-90SS
4"	400DA-90AL	400DA-90SS
5"	500DA-90AL ¹	
6"	600DA-90AL	RDA90600EZ 1, 2



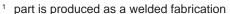
Dixon® Type DD 90° Elbows

Feature:

coupler x coupler

• Buna-N gasket standard, other gaskets available on pages 167 - 170

Size	356T6 Aluminum Part #	316 Stainless Steel Part #
2"	200DD-90AL	
3"	300DD-90AL 1	300DD-90SS 1
4"	400DD-90AL	
6"	600DD-90AL	





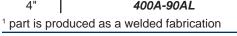
Type A 90°Adapters Elbows

Feature:

adapter x female NPT

pressure rating is based on the seal of the mating part, see ratings on page 124

		31 7 3 1 3
Size	356T6 Aluminum	316 Stainless Steel
	Part #	Part #
1½"	150A-90AL	
2"	200A-90AL	200A-90SS ¹
3"	300A-90AL	300A-90SS
4"	400A-90AL	





part is produced as a welded fabrication EZ Boss-Lock™ design (not pictured)



Cam & Groove

Type B 90° Dixon® Elbows

coupler x male NPT

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170

Size	356T6 Aluminum Part #	316 Stainless Steel Part #
1½"	150B-90AL	
2"	200B-90AL	200B-90SS 1
3"		300B-90SS ¹

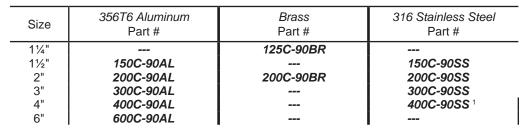
¹ Parts are produced as a welded fabrication.

Type C 90° Dixon® Elbows

coupler x hose shank

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170



¹ part is produced as a welded fabrication

Type D 90° Dixon® Elbows

coupler x female NPT

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170

Size	356T6 Aluminum	Brass	316 Stainless Steel
Size	Part #	Part #	Part #
1"			100D-90SS
11/4"		125D-90BR	
1½"	150D-90AL	150D-90BR	
2"	200D-90AL	200D-90BR	200D-90SS
3"	300D-90AL		300D-90SS
4"	400D-90AL		400D-90SS 1
4"	AD90400EZ ²		
6"	600D-90AL		

¹ part is produced as a welded fabrication





EZ Boss-Lock™ design

² EZ Boss-Lock[™] design

Type E 90° Elbows

adapter x hose shank

Feature:

• pressure rating is based on the seal of the mating part, see ratings on page 124

Size	356T6 Aluminum Part #	316 Stainless Steel Part #
2"		200E-90SS ¹
3"	300E-90AL	300E-90SS
4"	400E-90AL	400E-90SS ¹

¹ parts are produced as a welded fabrication



Type F 90° Elbows

adapter x male NPT

Feature:

• pressure rating is based on the seal of the mating part, see ratings on page 124

Size	356T6 Aluminum	316 Stainless Steel
	Part #	Part #
1½"	150F-90AL	
2"	200F90AL	200F-90SS ¹
3"		300F-90SS ¹

¹ parts are produced as a welded fabrication



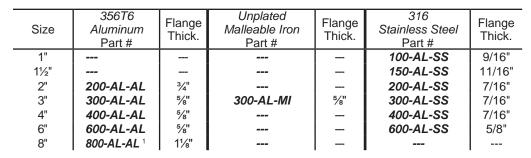
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Adapter x 150# Flange

Features:

- · aluminum and unplated iron flanges are flat faced
- stainless steel flanges are raised face
- · reference dixonvalve.com for flange bolt hole drilling circle standards
- 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



- part is produced as a welded fabrication
- · For flange dimensions, diagrams and additional information please reference dixonvalve.com.



Feature:

• global product made to Dixon® specifications

Size	316 Stainless Steel Part #	Flange Thickness
2"	200-AL-SSANSI	3/4"
3"	300-AL-SSANSI	15/16"

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Dixon® Coupler x 150# Flange

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170



Size	356T6 Aluminum	Flange	316 Stainless Steel	Flange
Size	Part #	Thick	Part #	Thick.
1"			100-DL-SS	21/32"
1½"			150-DL-SS	25/32"
2"	200-DL-AL	3/4"	200-DL-SS	7/16"
3"	300-DL-AL	15/16"	300-DL-SS	7/16"
4"	400-DL-AL	15/16"	400-DL-SS	7/16"
6"	600-DL-AL	1"	600-DL-SS	5/8"
8"	800-DL-AL ¹	1-1/8"		

- ¹ part is produced as a welded fabrication
- · For flange dimensions, diagrams and additional information please reference dixonvalve.com.

EZ Boss-Lock™ Coupler x 150# Flange

Feature:

• Buna-N gasket standard, other gaskets available on pages 167 - 170



Size	316 Stainless Steel Part #	Flange Thickness
1"	RDL100EZ1	9/16"
1½"	RDL150EZ1	11/16"
2"	RDL200EZ	7/16"
3"	RDL300EZ1	7/16"
4"	RDL400EZ 1	7/16"
6"	RDL600EZ1	1"

- ¹ parts are produced as a welded fabrication
- · For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Features:

- · not all configurations are stocked
- Boss-Lock[™] versions are also available, consult Dixon[®] for pricing and availability
- CAD models are for reference only, consult Dixon® for specific dimensions
- final weld preparation, as with all weld fittings, is the responsibility of the welder



Dixon® Coupler Socket Weld to Schedule 40 Pipe

Size	Bore	356T6 Aluminum Part #	316 Stainless Steel Part #
3/4"	1.065	ann	75DWSPSS
1"	1.330	100DWSPAL	100DWSPSS
1½"	1.915	150DWSPAL	150DWSPSS
2"	2.390	200DWSPAL	200DWSPSS
3"	3.530	300DWSPAL	300DWSPSS
4"	4.530	400DWSPAL	400DWSPSS
5"	5.562	500DWSPAL	500DWSPSS
6"	6.655	600DWSPAL	600DWSPSS
8"	8.711	800DWSPAL 1	



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



Dixon® Coupler Butt Weld to Schedule 40 Pipe/Socket Weld to Nominal Tubing

Size	Bore	356T6 Aluminum	316 Stainless Steel
		Part #	Part #
3/4"	.765		75DWBPSTSS
1"	1.015		100DWBPSTSS
1½"	1.515	150DWBPSTAL	150DWBPSTSS
2"	2.015	200DWBPSTAL	200DWBPSTSS
3"	3.015	300DWBPSTAL	300DWBPSTSS
4"	4.015	400DWBPSTAL	400DWBPSTSS
5"	5.015	500DWBPSTAL	
6"	6.020	600DWBPSTAL	





EZ Boss-Lock™ Coupler Socket Weld to Schedule 40 Pipe

Size	Bore	316 Stainless Steel Part #
3/4"	1.065	RDWSP075EZ
1"	1.330	RDWSP100EZ
11/2"	1.915	RDWSP150EZ
2"	2.390	RDWSP200EZ
3"	3.530	RDWSP300EZ
4"	4.530	RDWSP400EZ
6"	6.655	RDWSP600EZ





EZ Boss-Lock™ Coupler Butt Weld to Schedule 40 Pipe / Socket Weld to Nominal Tubing

Cam & Groove





• Buna-N gaskets standard, other gaskets available on pages 167 - 170

Size	Bore	316 Stainless Steel Part #
3/4"	.765	RDWBPST075EZ
1"	1.015	RDWBPST100EZ
1½"	1.515	RDWBPST150EZ
2"	2.015	RDWBPST200EZ
3"	3.015	RDWBPST300EZ
4"	4.015	RDWBPST400EZ
6"	6.020	RDWBPST600EZ
	•	•

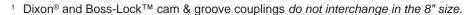
Adapter Socket Weld to Schedule 40 Pipe

· not all configurations are stocked





Size	Bore	356T6 Aluminum Part #	316 Stainless Steel Part #
3/4"	1.065		75AWSPSS
1"	1.330		100AWSPSS
1½"	1.915	150AWSPAL	150AWSPSS
2"	2.390	200AWSPAL	200AWSPSS
3"	3.530	300AWSPAL	300AWSPSS
4"	4.530	400AWSPAL	400AWSPSS
5"	5.593	500AWSPAL	500AWSPSS
6"	6.655	600AWSPAL	600AWSPSS
8" DIX	8.711	800AWSPAL 1	
8" BL	8.711	801AWSPAL 1	l





• final weld preparation, as with all weld fittings, is the responsibility of the welder

Adapter Butt Weld to Schedule 40 Pipe/Socket Weld to Nominal Tubing





Size	Bore	356T6 Aluminum Part #	316 Stainless Steel Part #
3/4"	.765		75AWBPSTSS
1"	1.015		100AWBPSTSS
1½"	1.515	150AWBPSTAL	150AWBPSTSS
2"	2.015	200AWBPSTAL	200AWBPSTSS
3"	3.015	300AWBPSTAL	300AWBPSTSS
4"	4.015	400AWBPSTAL	400AWBPSTSS
5"	5.015	500AWBPSTAL	500AWBPSTSS
6"	6.020	600AWBPSTAL	600AWBPSTSS
8" BL	8.035	801AWBPSTAL 1	

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





Boss-Lock™ Coupler x Tube with 45° Cut

Application:

• for use on trailer relief valves

Features:

- · butt weld to tubing
- Buna-N gaskets standard, other gaskets available on pages 167 170
- All Boss-Lock[™] couplers are supplied with pull-ring safety clips

Size	356T6 Aluminum Part #
2"	AC200TUBE



In-Line Sight Glasses

Application:

· designed for dry bulk transfer hose

Materials:

- body: aluminum · seals: Buna · sight glass: acrylic • hardware: stainless steel
- cam arms (where applicable): bronze

Feature:

• not intended for liquid service, for dry bulk transfer only



Coupler x Adapter

Size	Aluminum
Size	Part #
3" x 3"	3533CA
3" x 4"	3534CA
4" x 3"	3543CA
4" x 4"	3544CA



Adapter x Adapter

Size	Aluminum Part #
3" x 3"	3533AA
3" x 4"	3534AA
4" x 4"	3544AA



Coupler x Coupler

Size	Aluminum Part #
3" x 3"	3533CC
4" x 3"	3543CC
4" x 4"	3544CC



Adapter x Female NPSM

Application:

Features:

• used in the delivery of dry goods

- · cork buna gaskets are standard in threaded end
- pressure rating is based on the seal of the mating part, see ratings on page 124
- replacement gasket; 400GAGFI

Size	356T6 Aluminum Part #
4"	400-AS-AL



Boss-Lock™ Coupler x Female NPSM

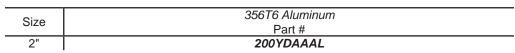
Features:

- Buna-N gasket standard, other gaskets available on pages 167 170
- All Boss-Lock[™] couplers are supplied with pull-ring safety clips

•	Size	356T6 Aluminum Part #
	4"	ADS400

Dixon® Coupler x Adapter Wye

Buna-N gasket standard, other gaskets available on pages 167 - 170



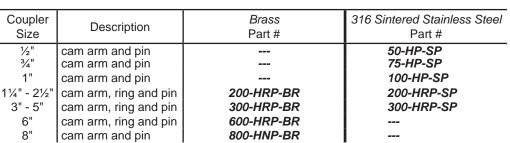
DPL418



Dixon® Cam & Groove Handles

Features:

- · stainless steel pins standard with all assemblies
- roll pins are 302 stainless, solid pins are 303 stainless
- pull rings are standard on sizes 11/4" thru 6", optional on other sizes
- Domestic Dixon® standard handle assemblies are only to be used with standard Dixon® parts (not global). Handles do not interchange with other manufacturer's handles or couplers.







316 sintered stainless steel

Coupler Size	Description	316 Investment Stainless Steel Part #
2" 3" 6"	cam arm, ring and pin cam arm, ring and pin cam arm, ring and pin	300-HSCRP-SI



316 investment stainless steel

Dixon® Cam & Groove Locking Handles for Dust Caps

Features:

• Dixon® locking handles are only to be used with standard Dixon® parts (not global). Handles do not interchange with other manufacturer's handles or couplers.







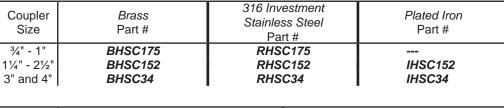
Size Diameter Part # Part #	
2" 9/32" 200-LH-BR 200-LH-SI	
3" 5/16" 300-LH-BR 300-LH-SI	
4" 3/8" 400-LH-BR 400-LH-SI	



Boss-Lock™ Cam & Groove Handles

 Boss-Lock[™] handles should only be used with Boss-Lock[™] parts. Handles do not interchange with other manufacturer's handles or couplers.







Coupler Size	Brass	Plated Iron
Size	Part #	Part #
6" and 8"	BH6	IH6

IH6

DPL418 877.963.4966 • dixonvalve.com 165

EZ Boss-Lock™ Cam & Groove 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	<i>Brass</i> Part #
3/4" - 1"	RHEZ175
1¼" - 2½"	RHEZ152
3" - 5"	RHEZ34
6" and 8"	RHEZ6

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.

Dixon® Coupling Paddle Handles



316 investment cast stainless steel



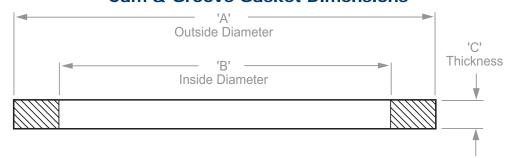
Dixon[®] paddle handles are only to be used with standard Dixon[®] parts (not global). Handles do not interchange with other manufacturer's handles or couplers.



· not supplied with pins

Coupler	Brass	316 Investment Cast Stainless Steel
Size	Part #	Part #
3" and 4"	300H-PADBR	300H-PADSS

Cam & Groove Gasket Dimensions



- nominal dimensions for elastomeric cam & 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		
OIZC	i ait#	A	В	С
1/2"	50-G1	1-1/32"	11/16"	.156"
3/4"	75-G	1-3/8"	7/8"	.218"
1"	100-G	1-9/16"	1-1/16"	.250"
11/4"	125-G	1-15/16"	1-23/64"	.250"
1½"	150-G	2-3/16"	1-5/8"	.250"
2"	200-G	2-5/8"	2"	.250"
21/2"	250-G	3-1/8"	2-3/8"	.250"
3"	300-G	3-23/32"	3"	.250"
4"	400-G	4-7/8"	4"	.250"
5"	500-G	5-15/16"	4-7/8"	.250"
6"	600-G	7-1/16"	6"	.250"
8"	800-G¹	9-5/16"	8-1/8"	.343"

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.



Cam & Groove Gasket Color Codes

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

¹ part number suffix

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





Cam & Groove Gaskets





	Buna-N	FKM
Size	Part #	Part #
1/2"	50-G-BU	50-G-VI
3/4"	75-G-BU	75-G-VI
1"	100-G-BU	100-G-VI
1¼"	125-G-BU	125-G-VI
1½"	150-G-BU	150-G-VI
2"	200-G-BU	200-G-VI
2½"	250-G-BU	250-G-VI
3"	300-G-BU	300-G-VI
4"	400-G-BU	400-G-VI
5"	500-G-BU	500-G-VI
6"	600-G-BU	600-G-VI
8"	800-G-BU	800-G-VI





extra thick Buna-N



ethylene propylene

Size	extra thick Buna-N	Ethylene Propylene
Size	Part #	Part #
3/4"		75-G-EPR
1"	100GTHK	100-G-EPR
11/4"	125GTHK	125-G-EPR
1½"	150GTHK	150-G-EPR
2"	200GTHK	200-G-EPR
21/2"	250GTHK	250-G-EPR
3"	300GTHK	300-G-EPR
4"	400GTHK	400-G-EPR
6"	600GTHK	



neoprene



white neoprene

¹ white neoprene gaskets contain FDA approved materials



silicone	

Size	white Buna-N¹	Silicone
	Part #	Part #
1½"		150-G-SIL
2"		200-G-SIL
3"	300-G-WB	300-G-SIL
4"	400-G-WB	400-G-SIL

white Buna-N gaskets contain FDA approved materials

Neoprene white Neoprene¹ Size Part # Part # 3/4" 75-G-NE 1" 100-G-NE 11/4" 125-G-NE 1½" 150-G-NE 150-G-WNE 2" 200-G-NE 200-G-WNE 21/2" 250-G-NE 300-G-NE 3" 300-G-WNE 4" 400-G-NE 400-G-WNE 5" 500-G-WNE 6" 600-G-WNE

Fuel Gaskets

Size	Material	Part #
1½"	Buna	150-G-BF
2"	Buna	200-G-BF
3"	Buna	300-G-BF
4"	Buna	400-G-BF
3"	extra thick Buna-N	300GTHKBF
4"	extra thick Buna-N	400GTHKBF



Cam & Groove Envelope Gaskets

- PTFE white Buna filler (TFWB) contains FDA approved materials
- maximum operating temperatures for specific chemicals may be lower, contact Dixon® for specific recommendations

Size	PTFE (TFE) with Buna-N filler	PTFE (TFE) with FKM filler
Size	Part #	Part #
1/2"	50-G-TF	50-G-TF-VI
3/4"	75-G-TF	75-G-TF-VI
1"	100-G-TF	100GTFVI
1¼"	125-G-TF	125GTFVI
1½"	150-G-TF	150GTFVI
2"	200-G-TF	200GTFVI
21/2"	250-G-TF	250GTFVI
3"	300-G-TF	300GTFVI
4"	400-G-TF	400GTFVI
6"	600-G-TF	600GTFVI



	PTFE (TFE) with white Buna-N filler	PTFE (TFE) with Ethylene Propylene filler
Size	Part #	Part #
1½"		150GTFEP
2"	200GTFWB	200GTFEP
3"	300GTFWB	300GTFEP
4"	400GTFWB	
5"	500GTFWB	

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.

Cam & Groove Encapsulated Gaskets

Features:

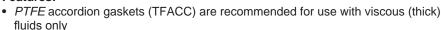
- PTFE encapsulated silicone (TES) gaskets contain FDA approved materials
- encapsulated gasket pressure ratings are reduced to 125 PSI for ¾" 4" at ambient temperature 70°F (21°C)
- PTFE encapsulated FKM (TEV) gaskets maximum operating temperature 200°F (93°C)
- PTFE encapsulated silicone (TES) gaskets maximum operating temperature 225°F (107°C)
- maximum operating temperatures for specific chemicals may be lower, contact Dixon® for specific recommendations

	DTEE (EED)	DTEE (EED) L. LEKA
Size	PTFE (FEP) encapsulated silicone	PTFE (FEP) encapsulated FKM
5126	Part #	Part #
3/4"	75-G-TES	75-G-TEV
1"	100-G-TES	100-G-TEV
11/4"	125-G-TES	125-G-TEV
1½"	150-G-TES	150-G-TEV
2"	200-G-TES	200-G-TEV
2½"	250-G-TES	250-G-TEV
3"	300-G-TES	300-G-TEV
4"	400-G-TES	400-G-TEV



Cam & Groove Accordion Gaskets

Features:





 maximum operating temperatures for specific chemicals may be lower, contact Dixon[®] for specific recommendations



Size	PTFE (TFE)
Oize	Part #
3/4"	75GTFACC
1"	100GTFACC
11/4"	125GTFACC
1½"	150GTFACC
2"	200GTFACC
3"	300GTFACC

The torque (force) required to close the handles on a pair of cam & 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.

Witches Hat Strainers

Features:

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

Size	304 Stainless Steel
Size	Part #
3"	WH300-A
4"	WH400-A



Gaskets for Witches Hat Strainers

Size	Buna-N Gasket Part #
3"	WH300-G
4"	WH400-G



Disk Strainers

Feature:

· threads into bottom of female NPT fitting to protect equipment from large contaminants

Size	Hole Size	6061T6 Aluminum Part #	304 Investment Cast Stainless Steel Part #
2"	1/4"	SDA200	SDS200
3"	1/4"	SDA300	SDS300
4"	1/4"	SDA400	SDS400



Pull Ring Safety Clips for Boss-Lock™

Coupler	Carbon Steel	316 Stainless Steel
Size	Part #	Part #
3/4" - 1" 11/4" - 21/2" 3" and 4"	200PRSCCS 300PRSCCS	100PRSCSS 200PRSCSS 300PRSCSS



Pull Rings

304 Stainless Steel Part # R200SS



Sash Chain with Pull Rings

Feature:

· brass chain, plated steel pull ring

Length	Part #
4½"	J125
6½"	J150
8½"	J300
12¾"	J500







Cam & Groove





400-C-INSERTAL

Abrasion Resistant Inserts

Features:

- · extends the life of adapters when transferring proppant to storage tanks
- · available for multiple adapter and multiple coupler materials

Description	UHMW Polyethylene Part #
to be used with 400-A-AL, 400-A-BR, 400-A-MI, 400-A-SS to be used with 400-C-AL to be used with 400-C-MI	400-A-INSERT 400-C-INSERTAL 400-C-INSERTMI

Clip for Boss-Lock™ Couplings

Feature:

· .072 stainless steel wire



AC7

Clip Assembly

Features:

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

CarbonSteel Part # BLCA152CS

Jack Chain with S-Hook



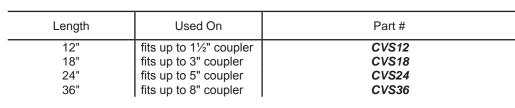
Length	Material	Part #	Optional Qty
6"	brass	CH-B-6	10
12"	brass	CH-B-12	10
24"	brass	CH-B-24	
12"	carbon steel	CH-C-12	10
6"	stainless	CH-SS-6	10
12"	stainless	CH-SS-12	10
24"	stainless	CH-SS-24	10

Locking Cam Arm Velcro® Straps

· use with cam & groove couplers to prevent spills, secure from damage, and hold in place during transport

Features:

- used on the female end of a cam & groove coupler
- high visibility orange hook and loop with metal buckle provides strength, durability and long
- temperature range: -70°F to 200°F (-57°C to 93°C)



DPL418







coupler sold separately

C

Lanyards with Clip for Boss-Lock™ Couplings

Materials:

- · clip: carbon steel
- lanyard: nylon

Coupler Size	Part #
³ ⁄4" - 1"	ACL4
1¹⁄4" - 4"	ACL2
6"	ACL3



PVC Coated Lanyards

Material:

• PVC coated carbon steel with aluminum crimp sleeves

Feature:

• one end factory crimped, one end uncrimped for field installation

Length	Part #
15"	CAL15
25"	CAL25



Lanyard for Boss-Lock™ Couplings

Feature:

• breaking strength: 160 lbs.

Overall Length	304 Stainless Part #	
7"	LR7	





- interchanges with all products produced to A-A-59326D
- pressure rating for adapters is based on the seal of the mating part

Size	A380 Permanent Mold Aluminum Part #	ASTMC38000 Forged Brass Part #	
1/2"	G50-A-AL ¹	G50-A-BR ¹	
3/4"	G75-A-AL	G75-A-BR	
1"	G100-A-AL	G100-A-BR	
1¼"	G125-A-AL	G125-A-BR	
1½"	G150-A-AL	G150-A-BR	
2"	G200-A-AL	G200-A-BR	
2½"	G250-A-AL	G250-A-BR	
3"	G300-A-AL	G300-A-BR	
4"	G400-A-AL	G400-A-BR	
5"	G500-A-AL 1	G500-A-BR ¹	
6"	G600-A-AL		
8"	G800-A-AL ¹		

Size	316 Investment Cast Stainless Steel Part #
1/2"	G50-A-SS ¹
3/4"	G75-A-SS
1"	G100-A-SS
11/4"	G125-A-SS
1½"	G150-A-SS
2"	G200-A-SS
21/2"	G250-A-SS
3"	G300-A-SS
4"	G400-A-SS
6"	G600-A-SS

 $^{^{1}\,}$ No standard exists for the ½", 5" and 8", and generally these sizes do not interchange with other manufacturers.





ASTMC38000 forged brass

Global Type B Couplers coupler x male NPT

- interchanges with all products produced to A-A-59326D
- Buna seals standard

Size	A380 Permanent Mold A with Brass Handles Part #	ASTMC38000 Forged Brass Part #
1/2"	G50-B-AL 1, 2	G50-B-BR 1, 2
3/4"	G75-B-AL ²	G75-B-BR ²
1"	G100-B-AL ²	G100-B-BR ²
11/4"	G125-B-AL	G125-B-BR
1½"	G150-B-AL	G150-B-BR
2"	G200-B-AL	G200-B-BR
2½"	G250-B-AL	G250-B-BR
3"	G300-B-AL	G300-B-BR
4"	G400-B-AL	G400-B-BR
5"	G500-B-AL 1	G500-B-BR ¹
6"	G600-B-AL	

Size	316 Investment Cast Stainless Steel Part #	A380 Permanent Mold Aluminum with Investment Stainless Handles Part #	
1/2"	G50-B-SS ¹		
3/4"	G75-B-SS		
1"	G100-B-SS		
11/4"	G125-B-SS		
1½"	G150-B-SS	G150-B-ALSI	
2"	G200-B-SS	G200-B-ALSI	
2½"	G250-B-SS		
3"	G300-B-SS	G300-B-ALSI	
4"	G400-B-SS	G400-B-ALSI	
6"	G600-B-SS		



A380 permanent mold aluminum

 $^{^{\}rm 1}\,$ No standard exists for the ½", 5" and 8", and generally these sizes do not interchange with other manufacturers.

² supplied with stainless steel handles

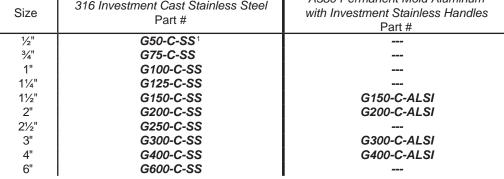


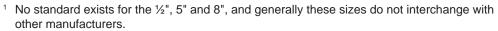
Global Type C Couplers coupler x hose shank

- interchanges with all products produced to A-A-59326D
- Buna seals are standard

Size	A380 Permanent Mold Aluminum with Brass Handles Part #	ASTMC38000 Forged Brass Part #
1/2"	G50-C-AL 1,2	G50-C-BR 1,2
3/4"	G75-C-AL ²	G75-C-BR ²
1"	G100-C-AL ²	G100-C-BR ²
11/4"	G125-C-AL	G125-C-BR
1½"	G150-C-AL	G150-C-BR
2"	G200-C-AL	G200-C-BR
21/2"	G250-C-AL	G250-C-BR
3"	G300-C-AL	G300-C-BR
4"	G400-C-AL	G400-C-BR
5"	G500-C-AL ¹	G500-C-BR1
6"	G600-C-AL	
8"	G800-C-AL ¹	

Size	316 Investment Cast Stainless Steel Part #	A380 Permanent Mold Aluminum with Investment Stainless Handles Part #	
1/2"	G50-C-SS ¹		
3/4"	<i>G75-C-SS</i>		
1"	G100-C-SS		
11⁄4"	G125-C-SS		
1½"	G150-C-SS	G150-C-ALSI	
2"	G200-C-SS	G200-C-ALSI	
21/2"	G250-C-SS		
3"	G300-C-SS	G300-C-ALSI	
4"	G400-C-SS	G400-C-ALSI	
6"	G600-C-SS		





² supplied with stainless steel handles



A380 permanent mold aluminum

Global Type D Couplers coupler x female NPT

- interchanges with all products produced to A-A-59326D
- Buna seals are standard

Size	A380 Permanent Mold Aluminum with Brass Handles Part #	ASTMC38000 Forged Brass Part #
1/2"	G50-D-AL 1,2	G50-D-BR ^{1, 2}
3/4"	G75-D-AL ²	G75-D-BR ²
1"	G100-D-AL ²	G100-D-BR ²
11/4"	G125-D-AL	G125-D-BR
1½"	G150-D-AL	G150-D-BR
2"	G200-D-AL	G200-D-BR
21/2"	G250-D-AL	G250-D-BR
3"	G300-D-AL	G300-D-BR
4"	G400-D-AL	G400-D-BR
5"	G500-D-AL ¹	G500-D-BR ¹
6"	G600-D-AL	l

Size	316 Investment Cast Stainless Steel Part #	A380 Permanent Mold Aluminum with Investment Stainless Handles Part #
1/2"	G50-D-SS ¹	
3/4"	<i>G75-D-</i> SS	
1"	G100-D-SS	
11/4"	G125-D-SS	
1½"	G150-D-SS	G150-D-ALSI
2"	G200-D-SS	G200-D-ALSI
21/2"	G250-D-SS	
3"	G300-D-SS	G300-D-ALSI
4"	G400-D-SS	G400-D-ALSI
6"	G600-D-SS	



316 investment cast stainless steel

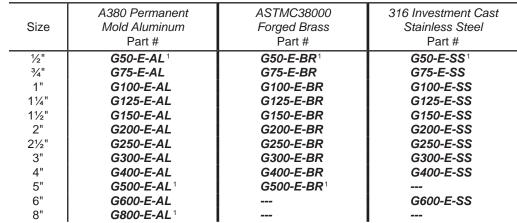
- 1 No standard exists for the $\frac{1}{2}$ " and 5", and generally these sizes do not interchange with other manufacturers.
- ² stainless steel handles

Global Type E Adapters

adapter x hose shank

Features:

- interchanges with all products produced to A-A-59326D
- · pressure rating for adapters is based on the seal of the mating part



No standard exists for the ½", 5" and 8", and generally these sizes do not interchange with other manufacturers.



A380 permanent mold aluminum

Global Type F Adapters

adapter x male NPT

- interchanges with all products produced to A-A-59326D
- pressure rating for adapters is based on the seal of the mating part



ASTMC38000 forged brass

Size	A380 Permanent Mold Aluminum Part #	ASTMC38000 Forged Brass Part #	316 Investment Cast Stainless Steel Part #
1/2"	G50-F-AL1	G50-F-BR1	G50-F-SS ¹
3/4"	G75-F-AL	G75-F-BR	G75-F-SS
1"	G100-F-AL	G100-F-BR	G100-F-SS
11/4"	G125-F-AL	G125-F-BR	G125-F-SS
1½"	G150-F-AL	G150-F-BR	G150-F-SS
2"	G200-F-AL	G200-F-BR	G200-F-SS
21/2"	G250-F-AL	G250-F-BR	G250-F-SS
3"	G300-F-AL	G300-F-BR	G300-F-SS
4"	G400-F-AL	G400-F-BR	G400-F-SS
5"	G500-F-AL ¹	G500-F-BR1	
6"	G600-F-AL		G600-F-SS

¹ No standard exists for the ½" and 8", and generally these sizes do not interchange with other manufacturers.

Global Type DC Dust Caps

Features:

- interchanges with all products produced to A-A-59326D
- Buna seals are standard
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



Size	A380 Permanent Mold Aluminum with Brass Handles Part #	ASTMC38000 Forged Brass Part #
1/2"	G50-DC-AL 1, 2	G50-DC-BR 1, 2
3/4"	G75-DC-AL ²	G75-DC-BR ²
1"	G100-DC-AL ²	G100-DC-BR ²
11/4"	G125-DC-AL	G125-DC-BR
1½"	G150-DC-AL	G150-DC-BR
2"	G200-DC-AL	G200-DC-BR
2½"	G250-DC-AL	G250-DC-BR
3"	G300-DC-AL	G300-DC-BR
4"	G400-DC-AL	G400-DC-BR
5"	G500-DC-AL 1	G500-DC-BR 1
6"	G600-DC-AL	

Size	316 Investment Cast Stainless Steel Part #	A380 Permanent Mold Aluminum with Investment Stainless Handles Part #
1/2"	G50-DC-SS 1	
3/4"	G75-DC-SS	
1"	G100-DC-SS	
1¼"	G125-DC-SS	
1½"	G150-DC-SS	G150-DC-ALSI
2"	G200-DC-SS	G200-DC-ALSI
2½"	G250-DC-SS	
3"	G300-DC-SS	G300-DC-ALSI
4"	G400-DC-SS	G400-DC-ALSI
6"	G600-DC-SS	



A380 permanent mold aluminum

- No standard exists for the ½" and 5", and generally these sizes do not interchange with other manufacturers.
- ² stainless steel handles

Global Type DP Dust Plugs

Features:

- interchanges with all products produced to A-A-59326D
- Buna seals are standard
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



	A380 Permanent	ASTMC38000	316 Investment
Size	Mold Aluminum	Forged Brass	Cast Stainless Steel
	Part #	Part #	Part #
1/2"	G50-DP-AL ¹	G50-DP-BR ¹	G50-DP-SS 1
3/4"	G75-DP-AL	G75-DP-BR	G75-DP-SS
1"	G100-DP-AL	G100-DP-BR	G100-DP-SS
11/4"	G125-DP-AL	G125-DP-BR	G125-DP-SS
1½"	G150-DP-AL	G150-DP-BR	G150-DP-SS
2"	G200-DP-AL	G200-DP-BR	G200-DP-SS
2½"	G250-DP-AL	G250-DP-BR	G250-DP-SS
3"	G300-DP-AL	G300-DP-BR	G300-DP-SS
4"	G400-DP-AL	G400-DP-BR	G400-DP-SS
5"	G500-DP-AL ¹	G500-DP-BR ¹	
6"	G600-DP-AL		G600-DP-SS



A380 permanent mold aluminum

No standard exists for the ½" and 5", and generally these sizes do not interchange with other manufacturers.



A380 permanent mold aluminum

Global Type DA Jump Size Couplings

coupler x adapter

Features:

- interchanges with all products produced to A-A-59326D
- Buna seals standard
- pressure rating for adapters is based on the seal of the mating part

Size	A380 Permanent Mold Aluminum Part #	316 Investment Cast Stainless Steel Part #
2" x 3"	G2030-DA-AL	
3" x 2"	G3020-DA-AL	G3020-DA-SS
3" x 4"	G3040-DA-AL	
4" x 3"	G4030-DA-AL	G4030-DA-SS
5" x 4"	G5040-DA-AL	
6" X 4"	G6040-DA-AL	

Global Type AA Spool Adapters

adapter x adapter

Features:



- interchanges with all products produced to A-A-59326D
- pressure rating for adapters is based on the seal of the mating part

Size	A380 Permanent Mold Aluminum Part #	316 Investment Cast Stainless Steel Part #
1"	G100-AA-AL	***
1½"	G150-AA-AL	G150-AA-SS
1½" x 2"	G1520-AA-AL	
2"	G200-AA-AL	G200-AA-SS
2" x 3"	G2030-AA-AL	G2030-AA-SS
3"	G300-AA-AL	G300-AA-SS
3" x 4"	G3040-AA-AL	
4"	G400-AA-AL	G400-AA-SS

A380 permanent mold aluminum

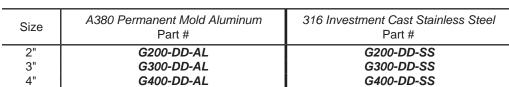


A380 permanent mold aluminum

Global Type DD Couplers

coupler x coupler

- interchanges with all products produced to A-A-59326D
- Buna seals standard





A380 permanent mold aluminum

Global Type A Jump Size Adapters

adapter x female NPT

Features:

- interchanges with all products produced to A-A-59326D
- · pressure rating for adapters is based on the seal of the mating part

Size	A380 Permanent Mold Aluminum Part #
3" x 2"	G3020-A-AL
4" x 3"	G4030-A-AL



Cam & Groove

Global Type C Jump Size Couplers

coupler x hose shank

Features:

- interchanges with all products produced to A-A-59326D
- · Buna seals standard

Size	A380 Permanent Mold Aluminum Part #
3" x 2"	G3020-C-AL
4" x 3"	G4030-C-AL



C

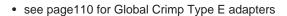
Global Type E Jump Size Adapters

adapter x hose shank

Features:

- interchanges with all products produced to A-A-59326D
- pressure rating for adapters is based on the seal of the mating part

Size	A380 Permanent Mold Aluminum Part #
3" x 2"	G3020-E-AL
4" x 3"	G4030-E-AL





Global Adapter x TTMA Flange

Features:

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

Size	356T6 Aluminum Part #
4"	G400-ALT-AL



Global Coupler x TTMA Flange

Size	356T6 Aluminum Part #
4"	G400-DLT-AL



· For flange dimensions, diagrams and additional information please reference dixonvalve.com.







Global Adapter x ANSI Flange

Size	Aluminum Part #
4"	G400-AL-AL
6"	G600-AL-AL



Global Coupler x ANSI Flange

Size	Aluminum Part #
4"	G400-DL-AL
6"	G600-DL-AL

C

Handles for Aluminum / Brass Global Couplers

Feature:

supplied complete with ring and pin



Fits on sizes	Investment Stainless Part #
1½", ¾"	G75HRP
1"	G100HRP
1½" & 2"	G152HRPSI
3" - 5"	G34HRPSI
6"	G600HRPSI



Fits on	Forged Brass
sizes	Part #
11/4" - 21/2"	G152HRP
3" - 5"	G34HRP
6" and 8"	G600HRP

 Global Dixon handle assemblies are to only be used with global Dixon parts (not domestic). Handles do not interchange with other manufacturer's handles or couplers.



Handles for Stainless Global Couplers

Feature:

• supplied complete with ring and pin



Fits on sizes	Investment Stainless Part #
1/2", 3/4"	G75HRPSS
1"	G100HRPSS
1¼" - 2½"	G125250HRPSS
3" - 5"	G300400HRPSS
6"	G600HRPSS

 Global Dixon handle assemblies are to only be used with global Dixon parts (not domestic). Handles do not interchange with other manufacturer's handles or couplers.



Safety Clip for Global Couplers



Zinc Plated Carbon Steel Part #	Bag Qty
GSAFETYCLIP	25

C

Cam and Groove x NST

Features:

- powder coated aluminum adapter
- for suction and low pressure discharge only
- other sizes, configurations and materials available, contact Dixon® for information

Type A x Female NST (NH)

Adapter Size	Female NST (NH)Thread	Aluminum Part #
1½"	1½"	G150-A-ALNST
2½"	2½"	G250-A-ALNST
3"	2½"	3025-A-ALNST



Type B x Male NST (NH)

Feature:

• Buna seals standard

Coupler Size	Male NST (NH) Thread	<i>Aluminum</i> Part #
1½"	1½"	G150-B-ALNST
2"	1½"	2015-B-ALNST
2½"	2½"	G250-B-ALNST
3"	2½"	3025-B-ALNST



Type D x Female NST (NH)

Feature:

• Buna seals standard

Coupler Size	Female NST (NH)	Aluminum
Couplet Size	Thread	Part #
1½"	1½"	G150-D-ALNST
2"	2½"	2025-D-ALNST
2½"	2½"	G250-D-ALNST
3"	2½"	3025-D-ALNST



Type F x Male NST (NH)

Adapter Size	Male NST (NH) Thread	Aluminum Part #
1½"	1½"	G150-F-ALNST
2"	2½"	2025-F-ALNST
2½"	2½"	G250-F-ALNST
3"	2½"	3025-F-ALNST



C

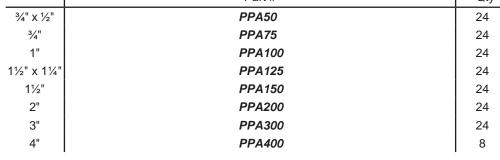


adapter x female NPT

Features:

- 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 (21°C) 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"
- 11/4" couplers and adapters will interchange with 11/2" couplers and adapters, only the threads and barbs are 11/4"
- NOT recommended for use with PTFE gaskets. NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings.

Size	Glass-Filled Polypropylene Part #	Optional Qty
3/4" X 1/2"	PPA50	24
3/4"	PPA75	24
1"	PPA100	24
1½" x 1¼"	PPA125	24
1½"	PPA150	24
2"	PPA200	24
3"	PPA300	24



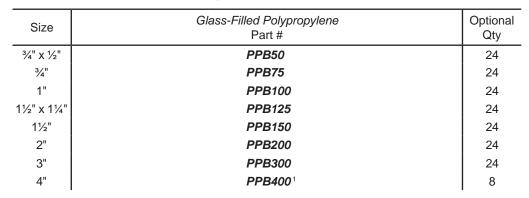
Type B Couplers coupler x male NPT

Features:

- supplied with EPDM gaskets, 304 stainless steel handles and pins
- maximum operating pressure: 125 PSI (1/2" 1"), 100 PSI (11/4" 2"), 60 PSI (3") and 50 PSI (4"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of 70°F (21°C) with standard seal installed
- ½" couplers and adapters will interchange with ¾" couplers and adapters, only the threads and barbs are 1/2"
- 11/4" couplers and adapters will interchange with 11/2" couplers and adapters, only the threads and barbs are 11/4"
- replacements: gasket use EPR on page 168, key rings use R200SS on page 171, safety clip use **GSAFETYCLIP** on page 182
- NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings.



DPL418



¹ 4" coupler has 4 handles



C

Type C Couplers

coupler x hose shank

Features:

- supplied with EPDM gaskets, 304 stainless steel handles and pins
- maximum operating pressure: 125 PSI (½" 1"), 100 PSI (1½" 2"), 60 PSI (3") and 50 PSI (4"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of 70°F (21°C) 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 168, pull rings use **R200SS** on page 171, safety clip use **GSAFETYCLIP** on page 182
- NOT recommended for use with PTFE gaskets. Polypropylene cam and groove should not be mixed with metal fittings.



Size	Glass-Filled Polypropylene Part #	Optional Qty
3/4" X 1/2"	PPC50	24
3/4"	PPC75	24
1"	PPC100	24
1½" x 1¼"	PPC125	24
11/2"	PPC150	24
2"	PPC200	24
3"	PPC300	24
4"	PPC400 ¹	8



¹ 4" coupler has 4 handles

Type D Couplers

coupler x female NPT

Features:

- · supplied with EPDM gaskets, 304 stainless steel handles and pins
- 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 (21°C) with standard seal installed
- ½" couplers and adapters will interchange with ¾" couplers and adapters, only the threads and barbs are ½"
- 1½" couplers and adapters will interchange with 1½" couplers and adapters, only the threads and barbs are 1½"
- replacements: gasket use EPR on page 168, pull rings use R200SS on page 171, safety clip use GSAFETYCLIP on page 182
- NOT recommended for use with PTFE gaskets. Polypropylene cam and groove should not be mixed with metal fittings.



Size	Glass-Filled Polypropylene Part #	Optional Qty
3/4" X 1/2"	PPD50	24
3/4"	PPD75	24
1"	PPD100	24
1½" x 1¼"	PPD125	24
11/2"	PPD150	24
2"	PPD200	24
3"	PPD300	24
4"	PPD400 ¹	8

¹ 4" coupler has 4 handles





Type E Adapters adapter x hose shank

Features:

- 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 (21°C) with standard seal installed
- ½" couplers and adapters will interchange with ¾" couplers and adapters, only the threads and barbs are ½"
- 1½" couplers and adapters will interchange with 1½" couplers and adapters, only the threads and barbs are 1½"
- NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings.



Size	Glass-Filled Polypropylene Part #	Optional Qty
3/4" X 1/2"	PPE50	24
3/4"	PPE75	24
1"	PPE100	24
1½" x 1¼"	PPE125	24
1½"	PPE150	24
2"	PPE200	24
3"	PPE300	24
4"	PPE400	8

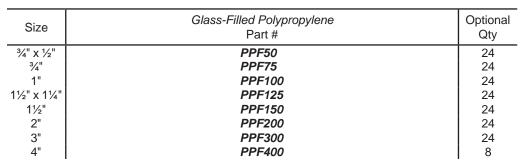
Type F Adapters

adapter x male NPT

Features:

- 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 (21°C) with standard seal installed
- $\frac{1}{2}$ " couplers and adapters will interchange with $\frac{3}{4}$ " couplers and adapters, only the threads and barbs are $\frac{1}{2}$ "
- 1½" couplers and adapters will interchange with 1½" couplers and adapters, only the threads and barbs are 1½"
- NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings.









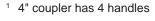
Dust Caps and Plugs

Features:

- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.
- NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings
- supplied with EPDM gaskets, 304 stainless steel handles and pins
- replacements: gasket use EPR on page 168, key rings use **R200SS** on page 171, safety clip use **GSAFETYCLIP** on page 182

Type H Dust Caps

Size	Glass-Filled Polypropylene Part #	Optional Qty
3/4"	PPH75	24
1"	PPH100	24
1½"	PPH150	24
2"	PPH200	24
3"	PPH300	24
4"	PPH4001	8







Type P Dust Plugs

Size	Glass-Filled Polypropylene Part #	Optional Qty
3/4"	PPP75	24
1"	PPP100	24
1½"	PPP150	24
2"	PPP200	24
3"	PPP300	24
4"	PPP400	8



Type A 90° Elbows

adapter x female NPT

Features:

- maximum operating pressure: 100 PSI (11/2" 2"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of 70°F (21°C) with standard seal installed
- for use at elevated temperatures or other unusual operating conditions, consult Dixon®
- NOT recommended for use with PTFE gaskets. NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings.



Size	Glass-Filled Polypropylene Part #	Optional Qty
1½"	90PPA150	24
2"	90PPA200	24

Type C 90° Elbows

coupler x hose shank

Features:

- supplied with EPDM gaskets, 304 stainless steel handles and pins
- maximum operating pressure: 100 PSI (11/2" 2"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of 70°F (21°C) with standard seal installed
- for use at elevated temperatures or other unusual operating conditions, consult Dixon[®]
- NOT recommended for use with PTFE gaskets. Polypropylene cam and groove should not be mixed with metal fittings.



Size	Glass-Filled Polypropylene Part #	Optional Qty
1½"	90PPC150	24
2"	90PPC200	24

Type D 90° Elbows

coupler x female NPT

Features:

- supplied with EPDM gaskets, 304 stainless steel handles and pins
- maximum operating pressure: 100 PSI (11/2" 2"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of 70°F (21°C) with standard seal installed
- for use at elevated temperatures or other unusual operating conditions, consult Dixon[®]
- NOT recommended for use with PTFE gaskets. Polypropylene cam and groove should not be mixed with metal fittings



Size	glass-Filled Polypropylene Part #	
1½"	90PPD150	24
2"	90PPD200	24

Type F 90° Elbows

adapter x male NPT

Features:

- maximum operating pressure: 100 PSI (11/2" 2"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of 70°F (21°C) with standard seal installed
- for use at elevated temperatures or other unusual operating conditions, consult Dixon®
- NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings.



•	Size	Glass-Filled Polypropylene Part #	Optional Qty
•	1½"	90PPF150	24
	2"	90PPF200	24







King™ Combination Nipples	190 to 195	Garden Hose Fittings	234 to 245
NPT threaded		Standard shanks	
Beveled end	191	Short shanks	235 to 236
Grooved end	191	Menders	236
BSPT end	191	Long shank	237
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For Plastic pipe NPT threaded	192	GHT zinc	239
Global NPT threaded	192	GHT adapters	239 to 241
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Male x hose barbs			
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Splicers			
SAE / JIC			
Ferrules for air & fluid			
Ferrules for fluid			
Ribbed and plain dies			
Crimpers			
Crimp dies			
Push-on	223 to 230		

D

King™ Combination Nipples

AWARNING

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 Part #	Plated Steel Part #	<i>Bra</i> ss Part #	Aluminum Part #
1/2"	50	ST1	STC1	BST1	AST1
3/4"	50	ST5	STC5	BST5	AST5
1"	50	ST10	STC10	BST10	AST10
11/4"	50	ST15	STC15		
1½"	50	ST20	STC20		
2"	25	ST25	STC25		

• For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded End No Knurl



Size	Opt Qty	<i>Unplated Steel</i> Part #	Plated Steel Part #	<i>Bra</i> ss Part #	Aluminum Part #
11/4"	50			BST15	AST15
1½"	50			BST20	AST20
2"	25			BST25	AST25
21/2"	10	ST30	STC30	BST30	AST30
3"	10	ST35	STC35	BST35	AST35
4"	4	ST40	STC40	BST40	AST40
5"	4	ST50	STC50		AST50
6"	2	ST60	STC60		AST60
8"	2	ST80	STC80		
10"	1	ST100	STC100		
12"	1	ST120	STC120		



Size	Opt Qty	316 Stainless Steel Part #	Hastelloy® Part #
1/2"	50	RST1 ¹	
3/4"	50	RST5 ¹	
1"	50	RST10	
11/4"	50	RST15	
1½"	50	RST20	
2"	25	RST25	HST25
2½"	10	RST30	
3"	10	RST35	HST35
4"	4	RST40	
5"	4	RST50	
6"	4	RST60	
8"	2	RST80	

¹ made from investment casting

• For additional information on pipe dimensions please reference dixonvalve.com.

King™ Combination Nipples

Beveled End

 Beveled ends (in brass) are available in select sizes. Consult Dixon® for prices and availability.

Hose ID	<i>Unplated Steel</i> Part #	Opt Qty	316 Stainless Steel Part #	Opt Qty	<i>Aluminum</i> Part #
1/2"	STB1	50			
3/4"	STB5	50	RSTB5	50	
1"	STB10	50	RSTB10	50	ASTB10
1¼"	STB15	50	RSTB15	50	ASTB15
1½"	STB20	50	RSTB20	50	ASTB20
2"	STB25	25	RSTB25	25	ASTB25
2½"	STB30	10	RSTB30	10	ASTB30
3"	STB35	10	RSTB35	10	ASTB35
4"	STB40	4	RSTB40	4	ASTB40
5"	STB50	4			ASTB50
6"	STB60	2	RSTB60	4	ASTB60
8"	STB80	2	RSTB80	2	ASTB80
10"	STB100	1			ASTB100
12"	STB120	1			



• For additional information on pipe dimensions please reference dixonvalve.com.

King™ Combination Nipples

Grooved End

- Grooved ends (in *brass* and *aluminum*) are available in select sizes. Consult Dixon® for prices and availability.
- See pages 690 702 for our complete line of groove style fittings.

Hose ID	<i>Unplated Steel</i> Part #	Opt Qty	316 Stainless Steel Part #	Opt Qty
1"	STV10	50		
11/4"	STV15	50		
1½"	STV20	50	RSTV20	50
2"	STV25	25	RSTV25	25
21/2"	STV30	10		
3"	STV35	10	RSTV35	10
4"	STV40	4	RSTV40	5
5"	STV50	4		
6"	STV60	4		
8"	STV80	2		
10"	STV100	1		
12"	STV120	1 1		



• For additional information on pipe dimensions please reference dixonvalve.com.

King™ Combination Nipples BSPT End

Size	Plated Steel Part #	Opt Qty	316 Stainless Steel Part #	Opt Qty
1"	STC10A	50	RST10A	50
1¼"	STC15A	50	RST15A	50
1½"	STC20A	50	RST20A	50
2"	STC25A	50	RST25A	25
21/2"	STC30A	10	RST30A	10
3"	STC35A	10	RST35A	10
4"	STC40A	4	RST40A	4
6"	STC60A	2	RST60A	2





NPT Threaded End



reducer

increaser

Hose Shank	Male NPT	<i>Plated Steel</i> Part #	316 Stainless Steel Part #
3/4"	½"		RST0501
	1"	STC0510	RST0510
1"	3/4"	STC1005	RST1005
	11/4"	STC1015	RST1015
11/4"	1"	STC1510	RST1510
	1½"	STC1520	RST1520
1½"	1¼"	STC2015	RST2015
	2"	STC2025	RST2025
13/4"	2"	STC175200	
2"	1½"	STC2520	RST2520
	2½"	STC2530	
	3"	STC2535	RST2535
2½"	2" 3"	STC3025 STC3035	
3"	2" 2½" 4"	STC3525 STC3530 STC3540	RST3525
4"	3"	STC4035	

For additional information on pipe dimensions please reference dixonvalve.com.

King™ Combination Nipples for Plastic Pipe NPT Threaded End



Size	Plated Steel Part #	Optional Qty
1/2"	SAP1	50
3/4"	SAP6	50
1"	SAP11	50
11/4"	SAP16	50
1½"	SAP21	50
2"	SAP26	25

• For additional information on pipe dimensions please reference dixonvalve.com.

Global King™ Combination Nipples NPT Threaded End

- Combination nipples are recommended for low-pressure discharge and suction service for compatible liquids. Sizes 1¼" and above are not for compressible products such as air or nitrogen. Global King™ Combination Nipples are not recommended for steam.

- The working pressure may vary with the construction of the hose, the type of clamping system used and the application. Consult 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.



Size	Plated Steel Part #	Opt Qty
1/2" 3/4" 1" 11/4" 11/2" 2" 21/2" 3" 4" 5"	GSTC1 GSTC5 GSTC10 GSTC15 GSTC20 GSTC25 GSTC30 GSTC35 GSTC40 GSTC50 GSTC60	100 100 50 50 50 25 10 10 4 4

Flanged King™ Combination Nipples 150# ASA

Size	Steel Part #	316 Stainless Steel Part #
1½"	FST20	RFST20
2"	FST25	RFST25
3"	FST35	RFST35
4"	FST40	RFST40
6"	FST60	RFST60
8"	FST80	RFST80
10"	FST100	RFST100
12"	FST120	RFST120



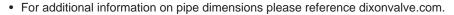
 For flange dimensions, diagrams and additional information on pipe dimensions please reference dixonvalve.com.

King™ Turned Back Hose Nipples for Floating Flanges

Features:

- A turned back nipple, when used in a floating flange assembly, allows the flange to be aligned without stressing (twisting) the hose. This generally increases the hose's service life by eliminating a common cause of premature hose failure.
- for use with Lap Joint flanges shown on page 688

Size	Plated Carbon Steel Part #	316 Stainless Steel Part #	
1" 1½" 1½" 2" 2½" 3" 4"	N10 N15 N20 N25 N30 N35 N40 N60	RN10 RN15 RN20 RN25 RN30 RN35 RN40 RN60	
8" 10"	N80 N100	RN80 RN100	
12"	N120	RN120	







- 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 lap joint flanges on page 688.



Special pushers required: 1½" stem - RN150NOPUSH 2"stem - RN200NOPUSH 2½" stem - RN250NOPUSH 3"stem - RN300NOPUSH

Size	Carbon Steel Part #	316 Stainless Steel Part #
1½"	N150NO	RN150NO
2" 2½"	N200NO N250NO	RN200NO RN250NO
3"	N300NO	RN300NO
4"	N400NO	RN400NO

• For additional information on pipe dimensions please reference dixonvalve.com.

Notched Ferrules

- reference notched shanks above and adapters on page 143
- 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 Holedall™ products.





	Hose OD		304 Stainless Steel
Size	From	То	Part #
1½"	1-60/64"	2-12/64"	GAS2334NO
1/2	2-4/64"	2-22/64"	GAS2370NO
0.11	2-30/64"	2-44/64"	GAS2709NO
2"	2-42/64"	2-54/64"	GAS2885NO
2½"	2-54/64"	3"	GAS3012NO
	3-1/64"	3-13/64"	GAS3260NO
3"	3-30/64"	3-46/64"	GAS3760NO
	3-47/64"	3-54/64"	GAS3885NO
4"	4-40/64"	4-47/64"	GAS5010NO

PF Shank King™ Combination Nipples

NPT Threaded End

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 142.
- · recommended for discharge and suction service
- · Not intended for compressed air
- working pressure is given at 70°F (21°C) 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.

Size	Working PSI	Plated Steel Part #	316 Stainless Steel Part #
2"	250	ST25PF	RST25PF
3"	125	ST35PF	RST35PF
4"	100	ST40PF	RST40PF
6"	75	ST60PF	RST60PF

- Beveled ends for welding are also available. Contact Dixon® for further information.
- For additional information on pipe dimensions please reference dixonvalve.com.





External Swage Notched NOS Stems

AWARNING

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 144 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.

Size	PSI	316 Stainless Steel Part #
1½" 2" 3" 4"	250 250 250	RST150NOS RST200NOS RST300NOS RST400NOS

¹ Contact Dixon[®] for pressure information



Notched NOS Ferrules

· reference notched shanks above and adapters on page 144

C:	Hose OD		304 Stainless Steel	
Size	From	То	Part #	
1½"	1-60/64"	2-12/64"	GAS2334NOS	
1 /2	2-4/64"	2-22/64"	GAS2370NOS	
2"	2-30/64"	2-44/64"	GAS2709NOS	
	2-42/64"	2-54/64"	GAS2885NOS	
3"	3-30/64"	3-46/64"	GAS3760NOS	
	3-47/64"	3-54/64"	GAS3885NOS	
4"	4-40/64"	4-47/64"	GAS5010NOS	







Features:

- for use with King™ Combination Nipples only
- a reliable alternative to band clamps
 not for use with Dixon® King Crimp™ Style Shanks



• not t	 not for use with Dixon[®] King Crimp[™] Style Shanks 						
Hose	Hose	e OD	Classica	Sleeve	Sleeve	Carbon Steel	
ID	From	То	Sleeve ID	Wall	Overall	Part #	
			4 4075"	Thickness	Length		
	1-5/64"	1-8/64"	1.1875"	.059"	1.25"	CSS075-3CS	
	1-5/64"	1-8/64"	1.1875"	.059"	2.138"	CS075-3CS	
3/4"	1-9/64"	1-12/64"	1.250"	.059"	1.25"	CSS075-4CS	
	1-9/64"	1-12/64"	1.250"	.059"	2.138"	CS075-4CS	
	1-17/64"	1-20/64"	1.375"	.059"	1.25"	CSS075-6CS	
	1-17/64"	1-20/64"	1.375"	.059"	2.138"	CS075-6CS	
	1-21/64"	1-24/64"	1.438"	.062"	1½"	CSS100-3CS	
	1-25/64"	1-28/64"	1.500"	.062"	1½"	CSS100-4CS	
1"	1-29/64"	1-32/64"	1.563"	.062"	1½"	CSS100-5CS	
	1-33/64"	1-36/64"	1.625"	.062"	1½"	CSS100-6CS	
	1-37/64"	1-40/64"	1.688"	.062"	1½"	CSS100-7CS	
	1-41-64"	1-44/64"	1.750"	.062"	1½"	CSS100-8CS	
	1-41/64"	1-44/64"	1.750"	.062"	13/4"	CSS150-1CS	
	1-45/64"	1-48/64"	1.813"	.062"	13/4"	CSS150-2CS	
	1-49/64"	1-52/64"	1.875"	.062"	13/4"	CSS150-3CS	
	1-53/64"	1-56/64"	1.938"	.062"	1¾"	CSS150-4CS	
1½"	1-57/64"	1-60/64"	2.000"	.062"	1¾"	CSS150-5CS	
	1-61/64"	2"	2.063"	.062"	1¾"	CSS150-6CS	
	2-1/64"	2-4/64"	2.125"	.062"	1¾"	CSS150-7CS	
	2-5/64"	2-8/64"	2.188"	.062"	1¾"	CSS150-8CS	
	2-9/64"	2-12/64"	2.250"	.062"	1¾"	CSS150-9CS	
	2-21/64"	2-24/64"	2.438"	.062"	2"	CSS200-3CS	
	2-25/64"	2-28/64"	2.500"	.062"	2"	CSS200-4CS	
	2-29/64"	2-32/64"	2.563"	.062"	2"	CSS200-5CS	
	2-33/64"	2-36/64"	2.625"	.062"	2"	CSS200-6CS	
2"	2-37/64"	2-40/64"	2.688"	.062"	2"	CSS200-7CS	
_	2-41/64"	2-44/64"	2.750"	.062"	2"	CSS200-8CS	
	2-45/64"	2-48/64"	2.813"	.062"	2"	CSS200-9CS	
	2-49/64"	2-52/64"	2.875"	.062"	2"	CSS200-10CS	
	2-53/64"	2-56/64"	2.938"	.062"	2"	CSS200-11CS	
	2-57/64"	2-60/64"	3.000"	.062"	2"	CSS200-12CS	
	3-13/64"	3-16/64"	3.313"	.090"	25/8"	CSS300-1CS	
	3-17/64"	3-20/64"	3.375"	.090"	25/8"	CSS300-2CS	
	3-21/64"	3-24/64"	3.438"	.090"	25/8"	CSS300-3CS	
	3-25/64"	3-28/64"	3.500"	.090"	25/8"	CSS300-4CS	
	3-29/64"	3-32/64"	3.563"	.090"	25/8"	CSS300-5CS	
3"	3-33/64"	3-36/64"	3.625"	.090"	25/8"	CSS300-6CS	
3	3-37/64"	3-40/64"	3.688"	.090"	25/8"	CSS300-7CS	
	3-41/64"	3-44/64"	3.750"	.090"	25/8"	CSS300-8CS	
	3-45/64"	3-48/64"	3.813"	.090"	25/8"	CSS300-9CS	
	3-49/64"	3-52/64"	3.875"	.090"	25/8"	CSS300-10CS	
	3-53/64"	3-56/64"	3.938"	.090"	25/8"	CSS300-11CS	
	3-57/64"	3-60/64"	4.000"	.090"	25/8	CSS300-12CS	
	4-29/64"	4-32/64"	4.563"	.090"	3-15/32"	CSS400-5CS	
	4-33/64"	4-36/64"	4.625"	.090"	3-15/32"	CSS400-6CS	
	4-37/64"	4-40/64"	4.688"	.090"	3-15/32"	CSS400-7CS	
4"	4-41/64"	4-44/64"	4.750"	.090"	3-15/32"	CSS400-8CS	
4	4-45/64"	4-48/64"	4.813"	.090"	3-15/32"	CSS400-9CS	
	4-49/64"	4-52/64"	4.875"	.090"	3-15/32"	CSS400-10CS	
	4-53/64"	4-56/64"	4.938"	.090"	3-15/32"	CSS400-11CS	
	4-57/64"	4-60/64"	5.000"	.090"	3-15/32"	CSS400-12CS	
	-	-	-	-	- '	=	



King™ Steel Round Nipples for one clamp

Hose Size	NPT Size	<i>Unplated Steel</i> Part #	Optional Qty
5/8"	1/2"	KRN541	100
3/4"	1/2"	KRN641	50
1"	3/4"	KRN861	25



King™ Steel Round Nipples

for two clamps

Hose Size	NPT Size	Unplated Steel Part #	Optional Qty
1/2"	1/4"	KRN422	100
/2	3/8"	KRN432	100
5/8"	1/2"	KRN542	100
3/4"	1/2"	KRN642	50
/4	3/4"	KRN662	50
1"	3/4"	KRN862	50
	1"	KRN882	50
1¼"	1"	KRN1082	25
1½"	1¼"	KRN1210	25
2"	1½"	KRN1612	20





King™ Steel Hex Nipples

for one clamp

		<u> </u>	
Hose Size	NPT Size	Plated Steel Part #	Optional Qty
1/4"	1/4"	KHN221	50
	1/4"	KHN321	100
3/8"	3/8"	KHN331	100
	1/2"	KHN341	100
	1/4"	KHN421	50
1/2"	3/8"	KHN431	50
/2	1/2"	KHN441	50
	3/4"	KHN461	50
3/4"	1/2"	KHN641	50
74	3/4"	KHN661	50
1"	3/4"	KHN861	25
1	1"	KHN881	25



King™ Steel Hex Nipples

for two clamps

for two clamps				
Hose Size	NPT Size	Plated Steel Part #	Optional Qty	
1/4"	1/4"	KHN222	100	
	1/4"	KHN322	100	
3/8"	3/8"	KHN332	50	
	1/2"	KHN342	100	
	1/4"	KHN422	100	
1/2"	3/8"	KHN432	100	
/2	1/2"	KHN442	50	
	3/4"	KHN462	50	
3/"	1/2"	KHN642	50	
3/4"	3/4"	KHN662	50	
	3/4"	KHN862	25	



25

KHN882

King™ Short Shank Suction Hose Couplings **NPSM Thread**

Application:

for suction or discharge of water









female



male



1" - 21/2"



Size	Aluminum shank with Brass nut Complete Part #	Opt Qty	Aluminum shank with Brass nut Female Part #	Aluminum Male Part #
1½"	CAB150	60	FAB150	MA150
2"	CAB200	40	FAB200	MA200
2½"	CAB250	30	FAB250	MA250
3"	CAB300	18	FAB300	MA300
4"	CAB400	8	FAB400	MA400
6"	CAB600	6	FAB600	MA600

Size	Brass shank with Brass nut Complete Part #	Brass shank with Brass nut Female Part #	<i>Brass</i> Male Part #
11/4"	CBB125	FBB125	MB125
1½"	CBB150	FBB150	MB150
2"	CBB200	FBB200	MB200
2½"	CBB250	FBB250	MB250
3"	CBB300	FBB300	MB300
4"	CBB400	FBB400	MB400

Size	Plated Iron shank with Plated Iron nut Complete Part #	Plated Iron shank with Plated Iron nut Female Part #	<i>Plated Iron</i> Male Part #
1"	S33 ¹	S12 ¹	S10
11/4"	S48	S17	S15
1½"	S63	S22	S20
2"	S78	S27	S25
21/2"	S93	S32	S30
3"	S111	S38	S36
4"	S123	S42	S40
5"		S57	S55
6"	S183	S62	S60

Size	Plated Iron shank with Brass nut Complete Part #	Plated Iron shank with Brass nut Female Part #	Plated Iron Male Part #
1"	SB33 ¹	SB12 ¹	\$10
1¼"	SB48	SB17	\$15
1½"	SB63	SB22	\$20
2"	SB78	SB27	\$25
2½"	SB93	SB32	\$30
3"	SB111	SB38	\$36
4"	SB123	SB42	S40
5"		SB57	S55
6"	SB183	SB62	S60

¹ 1" fittings have a hex nut design

- complete couplings supplied with rubber gaskets
- Replacement gaskets (KRW standard) are available, see page 205.



Find

King™ Short Shank Suction Hose Couplings

NST Couplings

Application:

· for suction or discharge of water

Size	Aluminum shank with Brass nut Complete Part #	Aluminum shank with Brass nut Female Part #	Aluminum Male Part #
1½"	CAB150N	FAB150N	MA150N
2½"	CAB250N	FAB250N	MA250N
Size	Brass shank with Brass nut	Brass shank with Brass nut	<i>Bra</i> ss
	Complete Part #	Female Part #	Male Part #
1½"	BS63N	BS22N	BS201
2½"	BS93N	BS32N	BS301
Size	Plated Iron shank with Plated Iron nut Complete Part #	Plated Iron shank with Plated Iron nut Female Part #	Plated Iron Male Part #
1½"	S63N	S22N	S201
2½"	S93N	S32N	S301
Size	Plated Iron shank with Brass nut Complete Part #	Plated Iron shank with Brass nut Female Part #	Plated Iron Male Part #
1½"	SB63N	SB22N	S201
2½"	SB93N	SB32N	S301



complete



female



male



- NST (Common Fire Hose Thread) is also known as NH
- Replacement gaskets (KRW standard) are available, see page 205.

Steel King™ Short Shank Suction Couplings NPSM Couplings

Application:

· for suction or discharge of water

Size	Plated Steel shank with Plated Iron nut Complete Part #	Plated Steel shank with Plated Iron nut Female Part #	Plated Steel Male Part #
1½" 1½" 2" 2½" 3" 4" 6"	CSM125 CSM150 CSM200 CSM250 CSM300 CSM400 CSM600	FCSM125 FCSM150 FCSM200 FCSM250 FCSM300 FCSM400 FCSM600	MCS125 MCS150 MCS200 MCS250 MCS300 MCS400 MCS600
Size	Plated Steel shank with Brass nut Complete Part #	Plated Steel shank with Brass nut Female Part #	Plated Steel Male Part #
1½" 1½" 2" 2½" 3" 4" 6"	CSB125 CSB150 CSB200 CSB250 CSB300 CSB400 CSB600	FCSB125 FCSB150 FCSB200 FCSB250 FCSB300 FCSB400 FCSB600	MCS125 MCS150 MCS200 MCS250 MCS300 MCS400 MCS600







Super King™ Long Shank Hose Couplings

Female NPSM Couplings

Application:

• for liquid transfer where steel and stainless are preferred



Size	Shank Length	Plated Steel Shank with Brass Pin Lug Nut ¹ Part #	Plated Steel Shank with Iron Pin Lug Nut ¹ Part #
1¼"	41/8"	SD15	SDMP15
1½"	41/8"	SD20	SDMP20
2"	5"	SD25	SDMP25
2½"	5"	SD30	SDMP30
3"	5"	SD35	SDMP35
4"	5"	SD40	SDMP40



Size	Shank Length	316 Stainless Shank with Iron Pin Lug Nut ¹ Part #	316 Stainless Shank with Stainless Hex Nut ² Part #	
1½" 2"	4½" 5"	 RSDM25	RSHR20 RSDR25	
3"	5"	RSDM35		

- ¹ KLW leather gaskets standard
- ² PTFE gaskets standard

Male NPT Couplings



Size	Shank Length	Plated Steel Part #	316 Stainless Part #
11/4"	4-3/8"	SK16	
1½"	4-5/32"	SK21	
2"	5-5/16"	SK26	RSK26
2½"	5-5/16"	SK31	
3"	5-1/2"	SK36	RSK36
4"	5-1/2"	SK46	

all Super King™ long shank couplings accept 3 band clamps

Pin Lug Spanner Wrenches

Single End



Size	Plated Iron Part #
2"	SW20
21/2"	SW25
3"	SW30
4"	SW40
6"	SW60

Double End



Size	Plated Iron Part #
1½", 2" x 2½", 3"	SW153

• additional spanner wrenches are available on pages 799 - 802

D

Short Shank Hose Couplings

Complete NPSM Couplings

Size	316 Stainless Steel Part #
1/2"	RES404
3/4"	RES606
1"	RES808
11/4"	RES48
1½"	RES63
2"	RES78



• Standard gasket is rubber (KRW); for FKM gaskets (KVW) see page 205.

Female NPSM Co

Size	316 Stainless Steel
Size	Part #
1/2"	RES444
3/4"	RES646
1"	RES848
11/4"	RES33
1½"	RES43
2"	RES53



D

• Standard gasket is rubber (KRW); for FKM gaskets (KVW) see page 205.

Machined Short Shank Hose Couplings

Complete NPSM Couplings

Hose ID	NPSM Thread	Previous Part #	<i>Brass</i> Part #
1/2"	3/4"		BS406
3/4"	3/4"		BS606
1"	1"	BS808 ¹	5921616K ^{1, 2}



- ¹ NPSH threads
- ² washer is **5911212W**
- use with KRW washers on page 205

Female NPSM Couplings

NPSM Thread	Previous Part #	<i>Brass</i> Part #
3/4"		BS446
3/4"		BS546
3/4"		BS646
1"	BS8481	5911616C 1, 2
	3/4" 3/4" 3/4"	3/4" 3/4" 3/4"



- ¹ NPSH threads
- ² washer is **5911212W**
- use with KRW washers on page 205

Male NPSM Couplings

Hose ID	NPSM Thread	Previous Part #	<i>Brass</i> Part #
1/2"	3/4"		BS416
3/4"	3/4"		BS616
1"	1"	BS818 ¹	5901616C ¹



- ¹ NPSH threads
- use with KRW washers on page 205



Industrial Hose Fittings

Long Shank Hose Couplings

Complete NPSM Couplings

Hose ID	NPSM Thread	Plated Steel Part #	<i>Plated Iron</i> Part #	Previous Part #	<i>Brass</i> Part #
1/2"	1/2"	SLS404			BLS404
1/2"	3/4"				BLS406
5/8"	3/4"				BLS506
3/4"	3/4"	SLS606			BLS606
1"	1"	SLS808		BLS808	5951616K 1, 2
11/4"	11/4"		MLS48		BLS48
1½"	1½"		MLS63		BLS63
2"	2"		MLS78		BLS78

Plated Iron

Part #

MLS33

MLS43

MLS53

Previous

Part #

BLS848

Brass

Part #

BLS444

BLS446

BLS546

BLS646

BLS33

BLS43

BLS53

5941616C 1, 2

NPSH thread

Hose

ID

1/2"

1/2"

5/8"

3/4"

1"

11/4"

washer is 5911616W

NPSM

Thread

1/2"

3/4"

3/4"

3/4"

1"

11/4"

- sizes 1/2" to 1" are machined; 11/4" to 2" are cast
- replacement gaskets (KRW standard) available on page 205

Female NPSM Couplings

Plated Steel

Part #

SLS444

SLS646

SLS848





1 1/2	1 1/2
2"	2"

- NPSH thread washer is **5911616W**
- $\frac{1}{2}$ " to 1" are machined; $\frac{1}{4}$ " to 2" are cast
- replacement gaskets (KRW standard) available on page 205

Male NPSM Couplings



Hose ID	NPSM Thread	Plated Steel Part #	<i>Plated Iron</i> Part #	Previous Part #	<i>Brass</i> Part #
1/2"	1/2"	SLS414			BLS414
1/2"	3/4"				BLS416
5/8"	3/4"				BLS516
3/4"	3/4"	SLS616			BLS616
1"	1"	SLS818		BLS818	5931616C ¹
11/4"	11/4"		MLS15		BLS15
1½"	1½"		MLS20		BLS20
2"	2"		MLS25		BLS25

- ¹ NPSH thread
- 1/2" to 1" are machined; 11/4" to 2" are cast

D

Long Shank Hose Couplings

Complete NST Couplings

Hose ID	NST Thread	<i>Brass</i> Part #
1½"	1½"	BLS63NST
2½"	2½"	BLS93NST



- replacement gaskets (KRW standard) available on page 205
- for GHT long shank complete couplings see page 237

Female NST Couplings

Hose	NST	<i>Brass</i>
ID	Thread	Part #
1½"	1½"	BLS150NST
2½"	2½"	BLS250NST



- replacement gaskets (KRW standard) available on page 205
- for GHT long shank female coupling see page 237



Hose	NST	<i>Brass</i>
ID	Thread	Part #
1½"	1½"	BLS20NST
2½"	2½"	BLS30NST



• for GHT long shank male coupling see page 237





Spray Hose Couplings

Complete NPSM Couplings



Hose ID	NPSM Thread	Plated Steel Part #
3/8"	3/4"	SS306
1/2"	1/2"	SS404
1/2"	3/4"	SS406
3/4"	3/4"	SS606
1"	1"	SS808
	1/2" 1/2" 1/2" 3/4"	3/8" 3/4" 1/2" 1/2" 1/2" 3/4" 3/4" 3/4"

- for GHT spray hose complete coupling see page 238
- replacement KLW (leather gaskets) standard, can be found on page 205

Female NPSM Couplings



Hose ID	NPSM Thread	Plated Steel Part #
3/8"	3/4"	SS346
1/2"	1/2"	SS444
1/2"	3/4"	SS446
3/4"	3/4"	SS646
1"	1"	SS848

- for GHT spray hose female coupling see page 238
- replacement KLW (leather gaskets) standard, can be found on page 205

Male NPSM Couplings



Hose ID	NPSM Thread	Plated Steel Part #
3/8"	3/4"	SS316
1/2"	1/2"	SS414
1/2"	3/4"	SS416
3/4"	3/4"	SS616
1"	1"	SS818

• for GHT spray hose male coupling see page 238



Industrial Hose Fittings

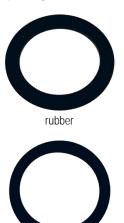
Gaskets for Suction, Short, Long and Spray Hose Couplings

• for use on NPSM threaded couplings

Hose ID	Rubber (Styrene Butadiene) Part #	<i>Neoprene</i> Part #	<i>FKM</i> Part #
1/2"	KRW1		
3/4"	KRW5	KNW5	
1"	KRW10	KNW10	KVW10
11/4"	KRW15	KNW15	
1½"	KRW20	KNW20	KVW20
2"	KRW25	KNW25	KVW25
2½"	KRW30	KNW30	
3"	KRW35	KNW35	KVW35
4"	KRW40	KNW40	
5"	KRW50		
6"	KRW60	KNW60	
8"	KRW80	KNW80	

Hose ID	<i>Leather</i> Part #	Rubber Part #
1/2"	KLW1	
3/4"	KLW5	
1"	KLW10	
11/4"	KLW15	
1½"	KLW20	KRW2075 ¹
2"	KLW25	
21/2"	KLW30	KRW3075 ¹
3"	KLW35	
4"	KLW40	

¹ NST only threaded couplings









leather







Strainers

Application:

• used on the submersed end of suction hose to prevent debris from entering the pump during operation

Round Hole Strainers







zinc piated steel
The state of the s
1047650
.0000
304 stainless steel

NPSM Size	Zinc Plated Steel Part #	304 Stainless Steel Part #
3/4"	RHS5	
1"	RHS10	
1½"	RHS20	RRHS20
2"	RHS25	RRHS25
21/2"	RHS30	
3"	RHS35	RRHS35
4"	RHS40	RRHS40
6"	RHS60	RRHS60
8"	RHS80	
10"	RHS100	
12"	RHS120	

Square Hole Strainers



NPSM Size		Zinc Plated Steel
	INF SIVI SIZE	Part #
	2"	SHS25
	3"	SHS35
	4"	SHS40
	6"	SHS60
	8"	SHS80
	10"	SHS100
	12"	SHS120

Polypropylene Strainers



NPT Size	Black Polypropylene with 30% fiberglass Part #	
1½"	TSS20	
2"	TSS25	
3"	TSS35	
4"	TSS40	



Strainers

Round Hole Long Strainers

NPSM Size	Zinc Plated Steel Part #
1½"	RSS20
2"	RSS25
3"	RSS35
4"	RSS40





Skimmers

Round Hole Bottom Skimmers

NPSM Size	Zinc Plated Steel Part #
1½"	DSB20
2"	DSB25
3"	DSB35





Round Hole Top Skimmers

NPSM Size	Zinc Plated Steel Part #
1½"	DST20
2"	DST25
3"	DST35





Foot Valves

Application:

- for use on water suction hose to prevent pump from losing it's prime
 must be installed in the *vertical position*
- for water service only
- not for compressed air or other compressible gases





NPT Size	Painted Cast Iron	
INFT Size	Part #	
1½"	DFVS20	
2"	DFVS25	
21/2"	DFVS30	
3"	DFVS35	
4"	DFVS40	
6"	DFVS60	
8"	DFVS80	

Strainers





Size	Painted Cast Iron Part #
1½"	FVS20
2"	FVS25
2½"	FVS30
3"	FVS35
4"	FVS40
6"	FVS60
8"	FVS80



Flapper Assemblies

Size	Painted Cast Iron / Rubber Part #
1½"	FVFA20
2"	FVFA25
2½"	FVFA30
3"	FVFA35
4"	FVFA40
6"	FVFA60
8"	FVFA80





Size	Rubber Part #
1½"	FVL20
2"	FVL25
21/2"	FVL30
3"	FVL35
4"	FVL40
6"	FVL60
8"	FVL80

Seat Plates



Seat Flates		
	Size	Painted Cast Iron
	Size	Part #
	1½"	FVSP20
	2"	FVSP25
	2½"	FVSP30
	3"	FVSP35
	4"	FVSP40
	6"	FVSP60
	8"	FVSP80
	•	,



Dixon® Hose Menders

- · 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.
- A length

In accordance with the ARPM bulletin for oil suction and discharge hose, a coupled length
of hose in any size, should be tested to 1½ times the working pressure and held for fifteen
minutes without leaking or coupling movement. For additional information and detailed
instruction on testing procedures, see the Association for Rubber Products Manufacturer's
(ARPM) handbook or visit ARPMINC.com.

Size	Zinc Plated Steel Part #	Optional Qty	316 Stainless Steel Part #	Optional Qty
1/4"	DMA	200	RDMA	100
3/8"	DMB	100	RDMB	100
1/2"	DM1	50	RDM1	50
5/8"	DM5	50		
3/4"	DM6	50	RDM6	50
1"	DM11	50	RDM11	50
11⁄4"	DM16	50	RDM16	5
13/8"	DM18	50		
11⁄2"	DM21	50	RDM21	50
1½"	DMXL21 ¹	25		
2"	DM26	50	RDM26	10
2"	DMXL26 ¹	25		
21/2"	DM31	25		
3"	DM36	20	RDM36	5
4"	DM46	10	RDM46	5
5"	DM51	5		
6"	DM66	4		
8"	DM86	1		
10"	DM100	1		
12"	DM120	1		



zinc plated steel



316 stainless steel



¹ XL series has extra long shank

D

King™ Hose Menders

- · 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 one clamp

Size	Steel Part #
1/4"	KM21
5/16"	KM251
1/2"	KM41
5/8"	KM51
3/4"	KM61
1"	KM81
1-1/4"	KM101
1-1/2"	KM121
1 1/2	100121



for two clamps

Size	Steel
Size	Part #
1/2"	KM42
5/8"	KM52
3/4"	KM62
1"	KM82
11⁄4"	KM102
1½"	KM122
2"	KM162



Barbed Hose Menders

Hose ID	Lead Free Brass ¹	Bra	ass
позеть	Part #	Previous Part #	Part #
1/8"		BM1	1780202C
3/16"		BM15	1780303C
1/4" x 1/8"		BM2-1	1780402C
1/4"	1780404CLF	BM2	1780404C
5/16"		BM25	1780505C
3/8" x 1/4"		BM3-2	1780604C
3/8"	1780606CLF	BM3	1780606C
1/2" x 3/8"		BM4-3	1780806C
1/2"	1780808CLF	BM4	1780808C
5/8" x 3/8"		BM5-3	1781006C
5/8" x 1/2"		BM5-4	1781008C
5/8"		BM5	1781010C
3/4" x 1/2"		BM6-4	1781208C
3/4"		BM6	1781212C
1"		BM8	1781616C



Short Shank Menders



Size	Length	Previous Part #	316 Stainless Steel Part #
1/4"	2-1/32"	1780404SS	RM2
3/8"	2-1/16"	1780606SS	RM3
1/2"	2-1/16"	1780808SS	RM4
3/4"	2-1/2"	1781212SS	RM6

¹ Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400



₽nd

Male NPTF x Hose Barb

· Optional package quantity

Hose	Male		Brass	Lead Free Brass 1,3	316 Stainless Steel 1	Pkg
ID	NPTF	Previous Part #	Part #	Part #	Part #	Qty
1/8"	1/8"	BN11	1020202C		RN11	100
/8	1/4"	BN122	1020204C			100
3/16"	1/8"	BN151	1020302C	1020302CLF	RN151	100
3/10	1/4"	BN152	1020304C		RN152	100
	1/8"	BN21	1020402C	1020402CLF	RN21	100
1/4"	1/4"	BN22	1020404C	1020404CLF	RN22	100
74	3/8"	BN23	1020406C		RN23	100
	1/2"	BN24	1020408C			50
	1/8"	BN251	1020502C	1020502CLF	RN251	100
5/16"	1/4"	BN252	1020504C	1020504CLF	RN252	50
	3/8"	BN253	1020506C		RN253	50
	1/8"	BN31	1020602C	1020602CLF	RN31	100
	1/4"	BN32	1020604C	1020604CLF	RN32	100
3/8"	3/8"	BN33	1020606C	1020606CLF	RN33	50
	1/2"	BN34	1020608C	1020608CLF	RN34	25
	3/4"	BN36	1020612C			25
	1/4"	BN42	1020804C	1020804CLF	RN42	50
1/1	3/8"	BN43	1020806C	1020806CLF	RN43	50
1/2"	1/2"	BN44	1020808C	1020808CLF	RN44	25
	3/4"	BN46	1020812C		RN46	25
	3/8"	BN53	1021006C		RN53	50
5/8"	1/2"	BN54	1021008C	1021008CLF	RN54	25
	3/4"	BN56	1021012C		RN56	25
3/11	1/2"	BN64	1021208C	1021208CLF	RN64	25
3/4"	3/4"	BN66	1021212C	1021212CLF	RN66	20
1"	3/4"	BN86	1021612C		RN86	20
ı	1"	BN88	1021616C ²		RKHN881 ⁴	10
41/"	3/4"	BN106	1022012C			10
1¼"	1"	BN108	1022016C ²			5







- ¹ NPT thread
- ² capped
- ³ Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- ⁴ same shank style as KHN881 shown on page 197

Male NPTF Swivel x Hose Barb

· Optional package quantity

		_		
Hose ID	Male NPTF	Br	Pkg	
11026 1D	I Male INFTF	Previous Part #	Part #	Qty
1/1	1/8"	103-0402	1030402C	100
1/4"	1/4"	103-0404	1030404C	100
3/8"	1/4"	103-0604	1030604C	100
78	3/8"	103-0606	1030606C	50
1/2"	3/8"	103-0806	1030806C	50
/2	1/2"	103-0808	1030808C	25
3/4"	3/4"	103-1212	1031212C	20
1"	1_111/_"	103-1616	1021616C1	10



¹ capped threads

[•] swivel is for assembly convenience only, not for live swivel applications 120 PSI maximum



Industrial Hose Fittings



Male NPTF x Beaded Hose Barb

Hose ID	Male NPTF	<i>Brass</i> Part #	Pkg Qty
1/4"	1/8"	268B0402	100
1/4	1/4"	268B0404	100
E/16"	1/8"	268B0502	100
5/16"	1/4"	268B0504	50
	1/8"	268B0602	100
3/8"	1/4"	268B0604	100
	3/8"	268B0606	50
1/2"	3/8"	268B0806	50
1/2	1/2"	268B0808	50
5/8"	1/2"	268B1008	25
2/4"	1/2"	268B1208	50
3/4"	3/4"	268B1212	25

Male BSPT x Hose Barb



Hose ID	Male BSPT	Brass		
Hose ID	IVIAIE DOF I	Previous Part #	Part #	Qty
1/4"	1/8"	BN21BSPT	1020402BSPT	100
74	1/4"	BN22BSPT	1020404BSPT	100
	1/4"	BN32BSPT	1020604BSPT	100
3/8"	3/8"	BN33BSPT	1020606BSPT	50
	1/2"	BN34BSPT	1020608BSPT	25
1/2"	3/8"	BN43BSPT	1020806BSPT	50
/2	1/2"	BN44BSPT	1020808BSPT	50
3/4"	3/4"	BN66BSPT	1021212BSPT	25
1"	1"	BN88BSPT	1021616BSPT	10

Female NPTF x Hose Barb





303 stainless steel

Hose	 Female	Brass		Lead Free	303 Stainles	s Steel1	Pkg
ID		Previous Part #	Part #	<i>Brass</i> 1, 2 Part #	Previous Part #	Part #	Qty
1/8"	1/8"	BF11	1040202C				100
1/0	1/4"	BF12	1040204C				100
3/16"	1/8"	BF151	1040302C				100
3/10	1/4"	BF152	1040304C				100
	1/8"	BF21	1040402C				100
1/4"	1/4"	BF22	1040404C	1040404CLF	BF22SS	1040404SS	100
1/4	3/8"	BF23	1040406C				50
	1/2"	BF24	1040408C				50
	1/8"	BF251	1040502C				100
5/16"	1/4"	BF252	1040504C				100
	3/8"	BF253	1040506C				100
	1/8"	BF31	1040602C				100
	1/4"	BF32	1040604C	1040604CLF	BF32SS	1040604SS	50
3/8"	3/8"	BF33	1040606C	1040606CLF	BF33SS	1040606SS	50
	1/2"	BF34	1040608C	1040608CLF			50
	3/4"	BF36	1040612C				25
	1/4"	BF42	1040804C				50
1/2"	3/8"	BF43	1040806C				50
1/2	1/2"	BF44	1040808C	1040808CLF	BF44SS	1040808SS	50
	3/4"	BF46	1040812C				25
	3/8"	BF53	1041006C				50
5/8"	1/2"	BF54	1041008C				25
	3/4"	BF56	1041012C				25
3/4"	1/2"	BF64	1041208C				25
3/4	3/4"	BF66	1041212C				20
1"	3/4"	BF86	1041612C				20
1	1"	BF88	1041616C				10
1-1/4"	1"	BF108	1042016C				10

- NPT threads and are packaged to order
 Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400



Female NPSM Swivel x Hose Barb Ball Seat

	Female		Brass	Pkg
Hose ID	NPSM	Previous Part #	Part #	Qty
1/8"	1/8"	BFS11	1240202K	100
3/16"	1/8"	BFS151	1240302K	100
3/10	1/4"	BFS152	1240304K	100
	1/8"	BFS21	1240402K	100
1/4"	1/4"	BFS22	1240404K	100
	3/8"	BFS23	1240406K	100
E/46"	1/4"	BFS252	1240504K	100
5/16"	3/8"	BFS253	1240506K	50
	1/4"	BFS32	1240604K	100
3/8"	3/8"	BFS33	1240606K	100
	1/2"	BFS34	1240608K	100
1/2"	3/8"	BFS43	1240806K	50
1/2	1/2"	BFS44	1240808K	100
3/4"	3/4"	BFS66	1241212K	50



Female NPSM Swivel x Hose Barb Gasket Seat

	Female		Brass	Pkg
Hose ID	NPSM	Previous Part #	Part #	Qty
1/8"	1/8"	126-0202	1260202C	100
3/16"	1/8"	126-0302	1260302C	100
3/10	1/4"	126-0304	1260304C	100
	1/8"	126-0402	1260402C	100
1/4"	1/4"	126-0404	1260404C	100
	3/8"	126-0406	1260406C	100
5/16"	1/4"	126-0504	1260504C	100
	1/4"	126-0604	1260604C	100
3/8"	3/8"	126-0606	1260606C	50
	1/2"	126-0608	1260608C	50
1/2"	3/8"	126-0806	1260806C	50
1/2	1/2"	126-0808	1260808C	50
3/4"	3/4"	126-1212	1261212C	25





[•] not recommended for water applications

Male NPTF x Hose Barb 90° Elbow

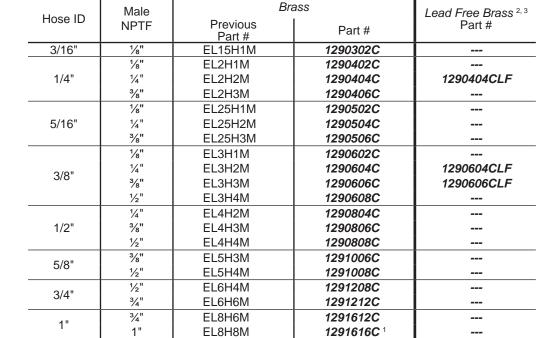


Industrial Hose Fittings









capped



Hose ID	Male		Diam Of a	
Hose ID	NPT	Previous Part #	Part #	Pkg Qty
1/4"	1/8"	EL2H1MSS	1290402SS	50
/4	1/4"	EL2H2MSS	1290404SS	50
3/8"	1/4"	EL3H2MSS	1290604SS	50
78	3/8"	EL3H3MSS	1290606SS	50
	1/4"	EL4H2MSS	1290804SS	50
1/2"	3/8"	EL4H3MSS	1290806SS	50
	1/2"	EL4H4MSS	1290808SS	25
3/4"	1/2"	EL6H4MSS	1291208SS	25
7/4	3/4"	EL6H6MSS	1291212SS	25

Female NPTF x Hose Barb 90° Elbow



	Female		DI 01	
Hose ID	NPTF	Previous Part #	Part #	Pkg Qty
1/ !!	1/8"	134-0402	1340402C	50
1/4"	1/4"	134-0404	1340404C	50
3/8"	1/4"	134-0604	1340604C	50
78	3/8"	134-0606	1340606C	50
	1/4"	134-0804	1340804C	25
1/2"	3/8"	134-0806	1340806C	25
	1/2"	134-0808	1340808C	25
3/4"	3/4"	134-1212	1341212C	25

Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

NPT thread

Barbed 90° Elbow Splicers

Hose ID	Bra	ass	304 Stain	Pkg	
11026 10	Previous Part #	Part #	Previous Part #	Part #	Qty
1/8"	177-0202	1770202C	177-0202SS	1770202SS	25
3/16"	177-0303	1770303C	177-0303SS	1770303SS	25
1/4" x 1/8"	177-0402	1770402C			25
1/4"	177-0404	1770404C	177-0404SS	1770404SS	25
5/16"	177-0505	1770505C			25
3/8" x 1/4"	177-0604	1770604C			25
3/8"	177-0606	1770606C	177-0606SS	1770606SS	25
1/2" x 3/8"	177-0806	1770806C			25
1/2"	177-0808	1770808C	177-0808SS	1770808SS	25
5/8"	177-1010	1771010C			25
3/4" x 1/2"	177-1208	1771208C			25
3/4"	177-1212	1771212C			25



idustrial Hose

Barbed Tee Splicers

	Bra	Lead Free Brass	Pkg	
Hose ID	Previous Part #	Part #	Part #	Qty
1/8"	179-0202	1790202C		25
3/16"	179-0303	1790303C		100
1/4" x 1/8"	179-0402	1790402C		25
1/4"	179-0404	1790404C	1790404CLF	25
5/16"	179-0505	1790505C		25
3/8" x 1/4"	179-0604	1790604C ¹		25
3/8" x 1/4"		1790604BARB		25
3/8"	179-0606	1790606C	1790606CLF	25
1/2" x 3/8"	179-0806	1790806C		25
1/2"	179-0808	1790808C		25
5/8"	179-1010	1791010C		25
3/4" x 1/2"	179-1208	1791208C		25
3/4"	179-1212	1791212C		20



Hees ID		304 Stainless Steel
Hose ID	Previous Part #	Part #
1/8"	179-0202SS	1790202SS
3/16"	179-0303SS	1790303SS
1/4"	179-0404SS	1790404SS
3/8"	179-0606SS	1790606SS
1/2"	179-080855	179080855



304 stainless steel

brass with male NPTF



lead free brass



304 stainless steel



Male NPTF x Hose Barb 45° Elbow

	M. I. NIDTE	Br	DI. OI	
Hose ID	Male NPTF	Previous Part #	Part #	Pkg Qty
1/4"	1/8"	139-0402	1390402C	100
74	1/4"	139-0404	1390404C	25
	1/8"	139-0602	1390602C	100
3/8"	1/4"	139-0604	1390604C	100
	3/8"	139-0606	1390606C	25
	1/4"	139-0804	1390804C	25
1/2"	3/8"	139-0806	1390806C	25
	1/2"	139-0808	1390808C	25
3/4"	1/2"	139-1208	1391208C	25

Male 45° SAE x Hose Barb





Lless ID	Mala LINE	Bra	Die Ohi	
Hose ID	Male UNF	Previous Part #	Part #	Pkg Qty
3/16"	7/16"-20	142-0307	1420307C	100
1/4"	7/16"-20	142-0407	1420407C	100
1/4	5/8"-18	142-0410	1420410C	100
5/16"	1/2"-20	142-0508	1420508C	100
3/8"	5/8"-18	142-0610	1420610C	50
3/0	3/4"-16	142-0612	1420612C	50
1/2"	3/4"-16	142-0812	1420812C	50

Female 45°SAE/37°JIC Swivel x Hose Barb



Hose ID	Hose ID Tube OD		Bra	Pkg	
позетр	Tube OD	Female UNF	Previous Part #	Part #	Qty
3/16"	1/4"	7/16"-20	143-0307	1430307K	100
	1/4"	7/16"-20	143-0407	1430407K	100
1/4"	1/4"	7/16"-20		1430407KLF ¹	
	5/16"	1/2"-20	143-0408	1430408K	100
5/16"	5/16"	1/2"-20	143-0508	1430508K	50
3/8"	1/2"	3/4"-16	143-0612	1430612K	100
1/2"	1/2"	3/4"-16	143-0812	1430812K	100
1/2	5/8"	7∕8"-14	143-0814	1430814K	50

¹ Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400



Female 45° SAE Swivel x Hose Barb

Hose ID			Brass			
Hose ID	Tube OD	Female UNF	Previous Part #	Part #	Qty	
3/16"	3/16"	3/8"-24	144-0306	1440306K	100	
1/4"	3/8"	5/8"-18	144-0410	1440410K	100	
5/16"	3/8"	5/8"-18	144-0510	1440510K	100	
3/8"	3/8"	5/8"-18	144-0610	1440610K	100	
1/2"	1/2"	3/4"-16	144-0812	1440812K	100	
3/4"	3/4"	1-1/16"-14	144-1217	1441217K1	25	



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Female 37° JIC Swivel x Hose Barb

Hose ID	Tube OD	Female UNF	Brass		Pkg	
Hose ID Tube OD	remale one	Previous Part #	Part #	Qty		
3/8"	3/8"	9/16"-18	145-0609	1450609K	100	
3/4"	3/4"	1-1/16"-12	145-1217	1451217K	25	



D

Female PTF-SAE Short Swivel x Hose Barb

	Female	Bra	Pkg	
Hose ID	PTF-SAE Short	Previous Part #	Part #	Qty
1/4"	1/4"	105-0404	1050404C	50
3/"	1/4"	105-0604	1050604C	50
3/8"	3/8"	105-0606	1050606C	50
1/2"	3/8"	105-0806	1050806C	50
/2	1/2"	105-0808	1050808C	25



[•] swivel is for assembly convenience only, not for live swivel applications, 120 PSI maximum

Notch in nut for SAE identification

D

Industrial Hose Fittings









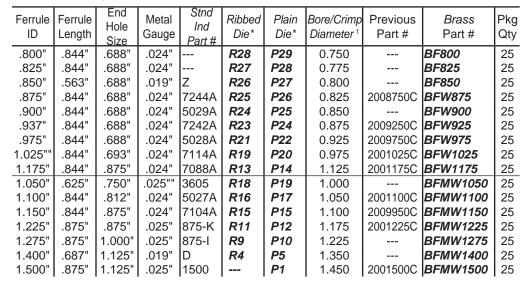
Brass Ferrules for Air & Fluid

· sold in package quantities only

	`							
Ferrule	Ferrule	End Hole	Metal	Stnd Ind	Bore/Crimp	Previous	Brass	Pkg
ID	Length	Size	Gauge	Part #	Diameter 1	Part #	Part #	Qty
.478"	.688	.328	.024"	4750	0.450	2004750C	BFM478	50
.500"	1	.344	.024"	7322	0.475	2005005C	BFM500	50
.528"	1	.375	.024"	7323	0.500	2005255C	BFM525	50
.528"	1	.438	.024"	7324	0.500	2005310C	BFM531	50
.562"	1	.438	.024"	7325	0.525	2005620C	BFM562	50
.593"	1	.438	.024"	7326	0.550	2005930C	BFM593	50
.625"	1	.438	.024"	7327	0.575	2006255C	BFM625	50
.656"	1	.438	.024"	7328	0.600	2006560C	BFM656	50
.687"	1	.500	.024"	7329	0.625	2006900C	BFM687	50
.718"	1	.625	.024"	7330	0.675	2007180C	BFM718	50
.718"	1	.500	.024"	7330B	0.675		BFM718B	50
.750"	1	.625	.024"	7331	0.700	2007505C	BFM750	50
.750"	1	.500	.024"	7331B	0.700		BFM750B	50
.781"	1	.625	.024"	7332	0.725	2007810C	BFM781	50
.781"	1	.500	.024"	7332B	0.725		BFM781B	50
.812"	1	.625	.024"	7333	0.750	2008120C	BFM812	50
.380"	.500	.266	.016"	622	0.350		BFL380	50
.400"	.469	.266	.020"	619	0.375	2004000C	BFL400	50
.410"	.500	.266	.016"	620	0.375		BFL410	50
.450"	.469	.344	.016"	769	0.425	2004530C	BFL450	50
.500"	.500	.344	.016"	624	0.450	2005000C	BFL500	50
.525"	.500	.344	.016"	625	0.475	2005250C	BFL525	50
.548"	.484	.375	.016"	626	0.500	2005500C	BFL548	50
.564"	.750	.375	.019"	3588	0.525		BFL564	50
.575"	.484	.469	.019"	KK	0.525		BFL575	50
.600"	.500	.500	.019"	JJ	0.550		BFL600	50
.625"	.500	.500	.019"	II	0.575	2006250C	BFL625	50
.650"	.500	.500	.019"	HH	0.600	2006500C	BFL650	50
.675"	.516	.500	.019"	GG	0.625	2006750C	BFL675	50
.725"	.531	.500	.019"	EE	0.675	2007250C	BFL725	50
.750"	.531	.500	.019"	DD	0.675	2007500C	BFL750	50
.775"	.531	.500	.016"	cc	0.700	2007750C	BFL775	50

- ¹ Plain die bore diameter can be used as crimp spec ±.005
- For use with ribbed and plain dies on page 219

Brass Ferrules for Fluid



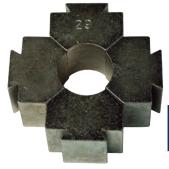
- ¹ Plain die bore diameter can be used as crimp spec ±.005
- For use with ribbed and plain dies on page 219



D

Ribbed and Plain Dies

Ferrule ID	Stnd Ind Part #	Bore/Crimp Diameter 1	Ribbed Die	Plain Die
.478"			R41	P42
.470 .500"	4750 7322	0.450 0.475	R41 R40	P42 P40
.528"	7323	0.473	R39	P39
	7323			
.528"		0.500	R39	P39
.562"	7325	0.525	R37	P38
.593"	7326	0.550	R36	P37
.625"	7327	0.575	R35	P36
.656"	7328	0.600	R34	P35
.687"	7329	0.625	R33	P34
.718"	7330	0.675	R31	P32
.718"	7330B	0.675	R31	P32
.750"	7331	0.700	R30	P31
.750"	7331B	0.700	R30	P31
.781"	7332	0.725	R29	P30
.781"	7332B	0.725	R29	P30
.812"	7333	0.750	R28	P29
.380"	622	0.350	R44	P45
.400"	619	0.375	R44	P44
.410"	620	0.375	R43	P44
.450"	769	0.425	R41	P42
.500"	624	0.450	R40	P41
.525"	625	0.475	R39	P40
.548"	626	0.500	R38	P39
.564"	3588	0.525	R37	P38
.575"	KK	0.525	R37	P38
.600"	JJ	0.550	R36	P37
.625"	l II	0.575	R35	P36
.650"	НН	0.600	R34	P35
.675"	GG	0.625	R34	P34
.725"	EE	0.675	R31	P32
.750"	DD	0.675	R30	P32
.775"	CC	0.700	R31	P31
.800"		0.750	R28	P29
.825"		0.775	R27	P28
.850"	Z	0.800	R26	P27
.875"	7244A	0.825	R25	P26
.900"	5029A	0.850	R24	P25
.937"	7242A	0.875	R23	P24
.975"	5028A	0.925	R21	P22
1.025""	7114A	0.975	R19	P20
1.175"	7088A	1.125	R13	P14
1.050"	3605	1.000	R18	P14 P19
1.100"	5027A	1.050	R16	P19 P17
	7104A	1.100	R15	P17 P15
1.150"	875-K		-	· ·
1.225"		1.175	R11	P12
1.275"	875-I	1.225	R9	P10
1.400"	D	1.350	R4	P5
1.500"	1500	1.450		P1







¹ Plain die bore diameter can be used as crimp spec ±.005

[•] dies for use with 5111A and 1765A ferrule machines. Other sizes are available.



U _

Manually - Operated Brass Ferrule Crimper



Features:

- · crimps all brass ferrules shown on page 218
- does not include dies
- Dies for ferrule machines are available in standard sets for all ferrules as tabulated (4 segments to a set), supplied with plain or ribbed crimping surface
- height: 27" with handle upright
- base: 8" x 3"
- body: 73/8"

Part #

5111A





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 218

Part # **1765A**

Die sizes for ferrules and machine numbers 1765A and 5111A are on page 219.

D

Small Hose Crimpers

Features:

- 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

Previous Part #	Part #
200FC	855
	855A



ittings

Small Hose Crimper Dies

Die Bore	Hose from	e OD to	Crimper # 855	Crimper # 855A	Previous Part #	Die Part#
.375"	.385"	.406"	optional	optional	200FC3	856-10
.437"	.447"	.468"	optional	standard		856-7
.484"	.490"	.520"	standard	standard	200FC4A	856-4
.531"	.540"	.562"	standard	standard	200FC4B	856-3
.578"	.590"	.625"	standard	standard	200FC5	856-2
.625"	.640"	.671"	standard	standard	200FC6A	856-1
.687"	.690"	.710"	standard	optional	200FC6B	856-5
.750"	.760"	.781"	optional	optional	200FC8A	856-8
.812"	.820"	.843"	optional	optional	200FC8B	856-9







Large Hose Crimper

Features:

- for crimping ½" to 1" ID hoses with larger OD's, from 11/16" to $1 \frac{1}{2}$
- crimps standard brass or aluminum ferrules
- order separate dies for each hose diameter
- Dies sold separately

Crimper Part #

860

Crimper Dies

Hose OD/	Hose	Hose OD Die Part	
Finished Crimp Dimension	From	То	Die Pail #
11/16"	.687"	.765"	861-22
23/32"	.718"	.796"	861-23
3/4"	.750"	.828"	861-24
25/32"	.781"	.860"	861-25
13/16"	.812"	.890"	861-26
27/32"	.843"	.921"	861-27
7/8"	.875"	.953"	861-28
29/32"	.906"	.985"	861-29
15/16"	.937"	1.010"	861-30
31/32"	.968"	1.040"	861-31
1"	1.000"	1.070"	861-32
1-1/32"	1.031"	1.110"	861-33
1-1/16"	1.062"	1.114"	861-34
1-1/8"	1.125"	1.208"	861-36
1-3/16"	1.187"	1.265"	861-38
1-1/4"	1.250"	1.321"	861-40
1-5/16"	1.312"	1.390"	861-42
1-3/8"	1.375"	1.453"	861-44
1-7/16"	1.437"	1.551"	861-46
1-1/2"	1.500"	1.578"	861-48





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.

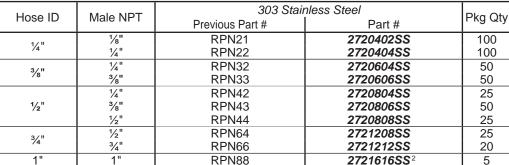
Disassembly Instructions:

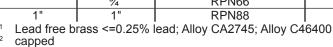
- 1. Leaving push-on fitting in place, make a 1" cut in the hose along the barbed end of the fitting. Note: Be careful not to nick barbs when cutting the hose.
- 2. With firm grip on hose, give a sharp downward pull to release the fitting from the hose.
- · intended for use with Lok-On (push-on style) hose only
- No hose clamps or ferrules are needed for installation
- Properly grips push-on hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

Male NPTF x Hose Barb

- refer to page 226 for Push-On garden hose thread fittings
- · optional package quantity

Hose	Male		Brass		Brass Cap Option		Lead FreeBrass 1,3	Pkg
ID	NPTF	Previous Part #	Part #	Pkg Qty	Part #	Pkg Qty	Part #	Qty
	1/8"	BPN21	2720402C	100	2720402CBC	100	2720402CLF	100
1/4"	1/4"	BPN22	2720404C	100	2720404CBC	100	2720404CLF	100
	3/8"	BPN23	2720406C	50	2720406CBC	50		
5/16"	1/8"	BPN251	2720502C	100				
5/10	1/4"	BPN252	2720504C	50				
	1/8"	BPN31	2720602C	100	2720602CBC	100		
	1/4"	BPN32	2720604C	50	2720604CBC	50	2720604CLF	50
3/8"	3/8"	BPN33	2720606C	50	2720606CBC	50	2720606CLF	50
	1/2"	BPN34	2720608C	25	2720608CBC	25		
	3/4"	BPN36	2720612C	25	2720612CBC	25		
	1/4"	BPN42	2720804C	25	2720804CBC	25		
1/2"	3/8"	BPN43	2720806C	25	2720806CBC	25	2720806CLF	50
1/2	1/2"	BPN44	2720808C	50	2720808CBC	50	2720808CLF	25
	3/4"	BPN46	2720812C	50	2720812CBC	50		
	3/8"	BPN53	2721006C	25	2721006CBC	25		
5/8"	1/2"	BPN54	2721008C	25	2721008CBC	25		
	3/4"	BPN56	2721012C	25	2721012CBC	25		
3/4"	1/2"	BPN64	2721208C	25	2721208CBC	25		
3/4	3/4"	BPN66	2721212C	25	2721212CBC	25		
1"	3/4"	BPN86	2721612C	10				
'	1"	BPN88	2721616C ²	10				

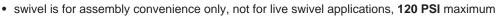




³ NPT threads 272LF



	maio iti ii omioi xiiooo zaib					
Hose ID	Male NPTF	Bi	Pkg			
позетр	I Male INFIF	Previous Part #	Part #	Qty		
1/4"	1/8"	271-0402	2710402C	100		
/4	1/4"	271-0404	2710404C	50		
3/8"	1/4"	271-0604	2710604C	50		
/8	3/8"	271-0606	2710606C	50		
1/2"	3/8"	271-0806	2710806C	25		
/2	1/2"	271-0808	2710808C	20		
3/4"	3/4"	271-1212	2711212C	10		







brass

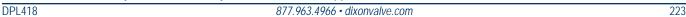


brass cap



303 stainless steel







- intended for use with Lok-On (push-on style) hose only
- No hose clamps or ferrules are needed for installation
- Properly grips push-on hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.







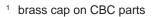


	MAIL NIDTE	Br	DI OI	
Hose ID	Male NPTF	Previous Part #	Part #	Pkg Qty
1/4"	1/8"-27	273-0402	2730402C	100
/4	1/4"-18	273-0404	2730404C	50
	1/8"-27	273-0602	2730602C	50
3/8"	1/4"-18	273-0604	2730604C	50
	3⁄8"-18	273-0606	2730606C	25
1/2"	3⁄8"-18	273-0806	2730806C	25
/2	1/2"-14	273-0808	2730808C	25
3/11	1/2"-14	273-1208	2731208C	10
3/4"	3/4"-14	273-1212	2731212C	10

Female NPTF x Hose Barb

• refer to page 226 for Push-On garden hose thread fittings

		Bra	DI 01	
Hose ID	Female NPTF	Previous Part #	Part #	Pkg Qty
	1/8"	BPF21	2740402C	100
	1/8"		2740402CBC 1	
1/4"	1/4"	BPF22	2740404C	100
1/4	1/4"		2740404CBC ¹	
	3/8"	BPF23	2740406C	50
	3/8"		2740406CBC ¹	
5/16"	1/8"	BPF251	2740502C	100
5/10	1/4"	BPF252	2740504C	50
	1/8"	BPF31	2740602C	50
	1/8"		2740602CBC 1	
	1/4"	BPF32	2740604C	50
3/8"	1/4"		2740604CBC 1	
3/0	3/8"	BPF33	2740606C	50
	3/8"		2740606CBC 1	
	1/2"	BPF34	2740608C	50
	3/4"	BPF36	2740612C	25
	1/4"	BPF42	2740804C	50
	1/4"		2740804CBC 1	50
	3/8"	BPF43	2740806C	50
1/2"	3/8"		2740806CBC 1	
1/2	1/2"	BPF44	2740808C	25
	1/2"		2740808CBC 1	
	3/4"	BPF46	2740812C	25
	3/4"		2740812CBC 1	
	3/8"	BPF53	2741006C	25
T (O!!	1/2"	BPF54	2741008C	25
5/8"	1/2"		2741008CBC ¹	
	3/4"	BPF56	2741012C	25
	1/2"	BPF64	2741208C	25
3/4"	3/4"	BPF66	2741212C	25
	3/4"		2741212CBC 1	
4"	3/4"	BPF86	2741612C	10
1"	1"	BPF88	2741616C	10







brass cap

- intended for use with Lok-On (push-on style) hose only
- No hose clamps or ferrules are needed for installation
- · Properly grips push-on hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.

Female NPSM Swivel x Hose Barb Ball Seat

Hose ID	Female NPSM	Bra	Pkg Qty	
11030 10	T omalo IVI OW	Previous Part #	Part #	i ng saty
	1/8"	BPFS21	2780402C	100
	1/8"		2780402CBC 1	100
1/4"	1/4"	BPFS22	2780404C	50
7/4	1/4"		2780404CBC ¹	50
	3/8"	BPFS23	2780406C	50
	3/8"		2780406CBC 1	50
	1/4"	BPFS32	2780604C	50
	1/4"		2780604CBC 1	50
3/8"	3/8"	BPFS33	2780606C	50
	3/8"		2780606CBC 1	50
	1/2"	BPFS34	2780608C	25
	1/2"	BPFS44	2780808C	50
1711	1/2"		2780808CBC 1	50
1/2"	3/4"	BPFS46	2780812C	25
	3/4"		2780812CBC 1	20
5/8"	3/4"	BPFS56	2781012C	20
3/11	3/4"	BPFS66	2781212C	20
3/4"	3/4"		2781212CBC 1	





brass cap



Female NPSM Swivel x Hose Barb Gasket Seat

	_ , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Bra	DI OI	
Hose ID	Female NPSM	Previous Part #	Part #	Pkg Qty
	1/8"	280-0402	2800402C	100
1/4"	1/8"		2800402CBC 1	100
/4	1/4"	280-0404	2800404C	100
	1/4"		2800404CBC 1	100
	1/4"	280-0604	2800604C	50
	1/4"		2800604CBC ¹	50
3/8"	3/8"	280-0606	2800606C	50
78	3/8"		2800606CBC ¹	50
	1/2"	280-0608	2800608C	50
	1/2"		2800608CBC 1	50
1/2"	1/2"	280-0808	2800808C	25
/2	1/2"		2800808CBC 1	25
5/8"	1/2"	280-1008	2801008C	25
3/4"	3/4"	280-1212	2801212C	20
74	3/4"		2801212CBC 1	20





brass cap

Hose Menders

			1103E MEII	uers	
Hose	Bra	ass	303 Stain	Pkg	
ID	Previous Part #	Part #	Previous Part #	Part #	Qty
1/4"	BPM2	2960404C	SSPM2	2960404SS	100
1/4		2960404CBC1			100
5/16"	BPM25	2960505C			100
3/8"	BPM3	2960606C	SSPM3	2960606SS	50
3/0		2960606CBC1			50
1/2"	BPM4	2960808C	SSPM4	2960808SS	50
1/2		2960808CBC1			50
E /O"	BPM5	2961010C	SSPM5		20
5/8"		2961010CBC1			20
2/4"	BPM6	2961212C	SSPM6		15
3/4"		2961212CBC1			15
1"	BPM8	2961616C			10





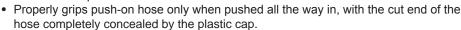
brass cap

brass cap on CBC parts

brass cap on CBC partsnot recommended for use with water

 $^{^{1}~}$ brass cap on CBC parts $\,$ for Tuff-Lite $^{\rm TM}$ hose menders in nylon and polypropelyne see page 252

- intended for use with Lok-On (push-on style) hose only
- No hose clamps or ferrules are needed for installation









ID	GHT Thread	Brass		
Hose ID		Previous Part #	Part #	
1/2"	3/4"	572-0812	5720812C	
5/8"	3/4"	572-1012	5721012C	
3/4"	3/4"	572-1212	5721212C	

Lok-On Female Swivel Garden Hose Fittings



I I ID	OUT There are	Bra	ass
Hose ID	GHT Thread	Previous Part #	Part #
1/2"	3/4"	574-0812	5740812C
5/8"	3/4"	574-1012	5741012C
3/4"	3/4"	574-1212	5741212C

Lok-On Garden Hose Fitting Sets

Feature:

• washer included, part # 5911212W on page 242



Hose ID	CUT Throad	Bra	ass
Hose ID	GHT Thread	Previous Part #	Part #
1/2"	3/4"	575-0808	5750808K
5/8"	3/4"	575-1010	5751010K
3/4"	3/4"	575-1212	5751212K

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			

Male 45° SAE Swivel x Hose Barb





Hose ID	Tube OD Male UNF		Bra	Pkg	
			Previous Part #	Part #	Qty
	1/4"	7/16"-20	282-0407	2820407C	100
1/4"	1/4"	7/16"-20		2820407CBC ²	100
/4	5/16"	1/2"-20	282-0408	2820408C	100
	5/16"	1/2"-20		2820408CBC ²	100
3/8"	3/8"	5/8"-18 ¹	282-0610	2820610C	50
78	3/8"	5/8"-18 ¹		2820610CBC ²	100
1/3"	1/2"	3/4"-16	282-0812	2820812C	50
/2	1/2"	3/4"-16		2820812CBC ²	50
5/"	5/8"	7/8"-14	282-1014	2821014C	25
5/8"	5/8"	7/8"-14		2821014CBC ²	25
3/11	3/4"	1-1/16"-14 ¹	282-1217	2821217C	25
3/4"	3/4"	1-1/16"-14 ¹		2821217CBC ²	25

¹ notch in nut for SAE identification

² brass cap on CBC parts

- intended for use with Lok-On (push-on style) hose only
- No hose clamps or ferrules are needed for installation
- Properly grips push-on hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.



Female 45° SAE Swivel x Hose Barb

• SAE thread size to UNF thread size interchange chart on previous page

Hose ID	Tube OD FemaleUNF		Br	Pkg	
11000 12	1 450 05	l omalooru	Previous Part #	Part #	Qty
1/4"	3/8"	5/8"-18 ¹	284-0410	2840410C	50
1/4	3/8"	5/8"-18 ¹		2840410CBC ²	
5/16"	3/8"	5/8"-18 ¹	284-0510	2840510C	50
2/0"	3/8"	5/8"-18 ¹	284-0610	2840610C	100
3/8"	3/8"	5/8"-18 ¹		2840610CBC ²	
0/4"	3/4"	1-1/16"-14 ¹	284-1217	2841217C	25
3/4"	3/4"	1-1/16"-14 1		2841217CBC ²	





brass 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

Male 37° JIC x Hose Barb

			v		
Hose ID	Tube OD	Male UNF	Bra	Pkg Qty	
			Previous Part #	Part #	l Giy
	1/4"	7/16"-20	286-0407	2860407C	100
	1/4"	7/16"-20		2860407CBC ²	
1/4"	5/16"	1/2"-20	286-0408	2860408C	50
	3/8"	9/16"-18	286-0409	2860409C	100
	3/8"	9/16"-18		2860409CBC ²	
3/8"	3/8"	9/16"-18	286-0609	2860609C	50
78	3/8"	9/16"-18		2860609CBC ²	
1/2"	1/2"	3/4"-16	286-0812	2860812C	25
/2	1/2"	3/4"-16		2860812CBC ²	
5/8"	5/8"	7/8"-14	286-1014	2861014C	25
78	5/8"	7/8"-14		2861014CBC ²	
3/11	3/4"	1-1/16"-12	286-1217	2861217C ¹	10
3/4"	3/4"	1-1/16"-12		2861217CBC 1, 2	





brass cap

¹ notch in nut for SAE identification

² brass cap on CBC parts

UN Thread

brass cap on CBC parts



- intended for use with Lok-On (push-on style) hose only
- No hose clamps or ferrules are needed for installation
- Properly grips push-on hose only when pushed all the way in, with the cut end of the hose completely concealed by the plastic cap.



Part # 2880609SS 2881217SS 2881621SS





plastic cap



brass cap

Hasa ID	Female			Brass			
Hose ID	DITube ODI	Previous Part #	Part #	Pkg Qty	Part #		
	1/4"	7/16"-20	287-0407	2870407C	100	2870407CLF	
1/1	1/4"	7/16"-20		2870407CBC ²	100		
1/4"	5/16"	1/2"-20	287-0408	2870408C	100		
	5/16"	1/2"-20		2870408CBC ²			
	5/16"	1/2"-20	287-0608	2870608C	25		
3/8"	1/2"	3/4"-16	287-0612	2870612C	25		
	1/2"	3/4"-16		2870612CBC ²			
	1/2"	3/4"-16	287-0812	2870812C	25		
1/2"	1/2"	3/4"-16		2870812CBC ²			
/2	5/8"	7/8"-14	287-0814	2870814C	25		
	5/8"	7/8"-14		2870814CBC ²			
5/8"	5/8"	7/8"-14	287-1014	2871014C	25		
78	5/8"	7/8"-14		2871014CBC ²			
3/4"	5/8"	7/8"-14	287-1214	2871214C	25		
74	5/8"	7/8"-14		2871214CBC ²	25		

Hose ID	Tube OD	Female UNF	Stainle	ss Steel
Hose ID Tube OD	i emale ordi	Previous Part #	Part #	
1/4" 1/2"	1/4" 1/2"	7/16"-20 3/4"-16	287-0407SS 287-0812SS	2870407SS 2870812SS

1 lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

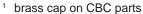




Female 37° JIC Swivel x Hose Barb



Hose ID		Tube OD	Female UNF	Brass		Pkg
	11026 10	Tube OD	remale one	Previous Part #	Part #	Qty
	1/4"	3/8"	9/16"-18	288-0409	2880409C	50
	1/4	3/8"	9/16"-18		2880409CBC ¹	50
	5/16"	3/8"	9/16"-18	288-0509	2880509C	50
	3/8"	3/8"	9/16"-18	288-0609	2880609C	50
	3/0	3/8"	9/16"-18		2880609CBC ¹	100
	1/2"	3/8"	9/16"-18	288-0809	2880809C	25
	3/4"	3/4"	1-1/16"-12 ²	288-1217	2881217C	10
3/4	3/4"	1-1/16"-12 ²		2881217CBC ¹	10	
	1"	1"	1-5/16"-12 ²	288-1621	2881621C	10



The same of the sa		•			
Marie Control	Hose ID	Tube OD	Female UNF	303 Stainless Steel	
				Previous Part #	Pa
303 stainless steel	3/8" 3/4"	3/8" 3/4"	9/16"-18 1-1/16"-12 ²	288-0609SS 288-1217SS	2880 2881
	1"	1"	1-5/16"-12 ²	288-1621SS	2881

² UN Thread

Female 37°JIC / 45° SAE Swivel x 90° Elbow



Hose ID	Tube OD	Female UNF	Plated	d Steel	Pkg
Hose ID Tube O		remale one	Previous Part #	Part #	Qty
1/4"	1/4"	7/16"-20	289-0407	2890407C ²	25
	1/4"	7/16"-20	289-0407SAE	2890407CSAE 1	25
3/8"	3/8"	9/16"-18	289-0609	2890609C ²	25
/8	3/8"	5/8"-18	289-0610SAE	2890610CSAE ¹	25
1/2"	1/2"	3/4"-16	289-0812	2890812C ²	10
3/4"	3/4"	1-1/16"-12 ³	289-1217	2891217C ²	5

notch in nut for SAE identification

brass cap on CBC parts

² JIC only, may substitute dual angle

³ UN thread

AWARNING

Except as specifically noted as to a specific fitting, NO hose fittings manufactured and/or sold by any Dixon company can be safely used in life dependency applications such as diving, for oxygen, air, or other breathing applications. Our fittings are NOT designed and NOT recommended for such use and should NOT BE USED for that purpose. Use of non-approved hose fittings in such applications can result in death or grave personal injuries.

Application:

· recommended for low pressure air hose

Features

- maximum working pressure: 250 PSI at ambient temperature 70°F (21°C)
- · durable, easily repaired hose connection
- · caution: check hose OD and ID accurately before ordering



Male Thread

Wate Tilled					
LI ID	Hose	Male	Bra	ass	Pkg
Hose ID	OD	NPTF	Previous Part #	Part #	Qty
	1/2"	1/8"	BN21RU50	1834082K	100
	9/16"	1/8"	BN21RU56	1834092K	100
	5/8"	1/8"	BN21RU62	1834102K	100
	1/2"	1/4"	BN22RU50	1834084K	50
1/4"	9/16"	1/4"	BN22RU56	1834094K	50
	5/8"	1/4"	BN22RU62	1834104K	50
	1/2"	3/8"	BN23RU50	1834086K	50
	9/16"	3/8"	BN23RU56	1834096K	50
	5/8"	3/8"	BN23RU62	1834106K	50
	9/16"	1/4"	BN252RU56	1835094K	50
	5/8"	1/4"	BN252RU62	1835104K	50
5/16"	11/16"	1/4"	BN252RU68	1835114K	50
5/16	9/16"	3/8"	BN253RU56	1835096K	50
	5/8"	3/8"	BN253RU62	1835106K	50
	11/16"	3/8"	BN253RU68	1835116K	50
	5/8"	1/4"	BN32RU62	1836104K	50
	11/16"	1/4"	BN32RU68	1836114K	50
3/8"	3/4"	1/4"	BN32RU75	1836124K	50
	5/8"	3/8"	BN33RU62	1836106K	50
	11/16"	3/8"	BN33RU68	1836116K	50
	3/4"	3/8"	BN33RU75	1836126K	50
	5/8"	1/2"	BN34RU62	1836108K	50
	11/16"	1/2"	BN34RU68	1836118K	50
	3/4"	1/2"	BN34RU75	1836128K	50
	7/8"	1/4"	BN42RU87	1838144K	25
	15/16"	1/4"	BN42RU93	1838154K	25
	1"	1/4"	BN42RU99	1838164K	25
	7/8"	3/8"	BN43RU87	1838146K	25
1/2"	15/16"	3/8"	BN43RU93	1838156K	25
	1"	3/8"	BN43RU99	1838166K	25
	7/8"	1/2"	BN44RU87	1838148K	20
	15/16"	1/2"	BN44RU93	1838158K	20
	1"	1/2"	BN44RU99	1838168K	20
	Llaga	Mala	1 202 Ctain	loop Ctool	Pkg
Hose ID	Hose	Male		less Steel	Qty
	OD	NPT	Previous Part #	Part #	
	1/2"	1/8" 1/"	BN21RU50SS	1834082KSS	100
	9/16"	1/8" 1/"	BN21RU56SS	1834092KSS	100
1/4"	5/8"	1/8" 1/"	BN21RU62SS	1834102KSS	100
	1/2"	1/4" 1/"	BN22RU50SS	1834084KSS	50
	9/16"	1/4" 1/"	BN22RU56SS	1834094KSS	50
	5/8"	1/4"	BN22RU62SS	1834104KSS	50
5/16"	9/16"	1/4"	BN252RU56SS	1835094KSS	50
	5/8"	1/4"	BN252RU62SS	1835104KSS	l 50

BN252RU62SS

BN32RU62SS

BN32RU68SS

BN32RU75SS

BN33RU62SS

BN33RU68SS

BN33RU75SS

BN43RU87SS

BN43RU93SS

BN44RU87SS

BN44RU93SS

1/4" 1/4" 1/4" 1/4"

3/8" 3/8" 3/8" 3/8"

3/8" 3/8"

1/2" 1/2"

5/8"

5/8"

11/16"

3/4"

5/8"

11/16"

3/4"

7/8"

15/16"

7/8"

15/16"





50

50

50 50

50

50

50

25

25

20

20

1835104KSS

1836104KSS

1836114KSS

1836124KSS

1836106KSS

1836116KSS

1836126KSS

1838146KSS

1838156KSS

1838148KSS

1838158KSS

3/8"



AWARNING

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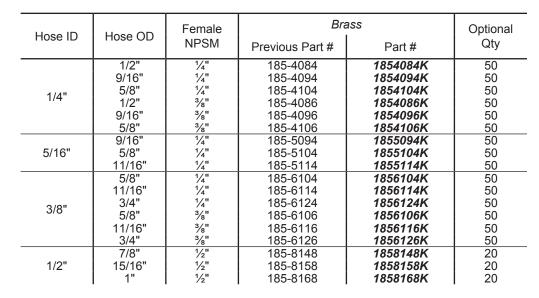
Swivel Stems



Hose ID	Female NPSM	<i>Brass</i> Part #	Optional Qty
1/4"	½"-18 %"-18	1840404A 1840406A	50 50
5/16"	1/4"-18	1840504A	50
3/8"	½"-18 %"-18	1840604A 1840606A	50 50
1/2"	1/2"-14	1840808A	25

Female Swivels





Splicer Stems



	Hose ID	<i>Brass</i> Part #	Optional Qty
Ī	1/4"	1860404S	100
	3/8"	1860606S	50

Hose Splicers

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Hose	Hose	Br	Ontional Oty	
ID	OD	Previous Part #	Part #	Optional Qty
	1/2"	187-0408	1870408K	50
1/4"	9/16"	187-0409	1870409K	Optional Qty 50 50 50 25 25 25 25
	5/8"	187-0410	1870410K	
•	5/8"	187-0610	1870610K	25
3/8"	11/16"	187-0611	1870611K	25
	3/4"	187-0612	1870612K	25

AWARNING

Except as specifically noted as to a specific fitting, NO hose fittings manufactured and/or sold by any Dixon company can be safely used in life dependency applications such as diving, for oxygen, air, or other breathing applications. Our fittings are NOT designed and NOT recommended for such use and should NOT BE USED for that purpose. Use of non-approved hose fittings in such applications can result in death or grave personal injuries.

Ferrules

Hose ID	Hose OD	<i>Brass</i> Part #	303 Stainless Steel Part #	Opt Qty
	1/2"	1800408F	1800408FSS	100
1/4"	9/16"	1800409F	1800409FSS	50
	5/8"	1800410F	1800410FSS	50
	9/16"	1800509F	1800509FSS	100
5/16"	5/8"	1800510F	1800510FSS	50
	11/16"	1800511F		50
	5/8"	1800610F	1800610FSS	50
3/8"	11/16"	1800611F	1800611FSS	50
	3/4"	1800612F	1800612FSS	50
	7/8"	1800814F	1800814FSS	25
1/2"	15/16"	1800815F	1800815FSS	25
	1"	1800816F		20







Male Stems

Hose ID	Male NPTF Thread ¹	<i>Brass</i> Part #	303 Stainless Steel ¹ Part #	Opt Qty
	1/8"	1820402S	1820402SS	100
1/4"	1/4"	1820404S	1820404SS	100
	3/8"	1820406S		50
5/16"	1/4"	1820504S	1820504SS	50
5/10	3/8"	1820506S		50
	1/4"	1820604S	1820604SS	100
3/8"	3/8"	1820606S	1820606SS	50
	1/2"	1820608S		25
	1/4"	1820804S		50
1/2"	3/8"	1820806S	1820806SS	50
	1/2"	1820808S	1820808SS	25





stainless steel parts have NPT threads



Swivel Stems

Industrial Hose Fittings



Hose ID	Female NPSM	<i>Brass</i> Part #	Optional Qty
1/4"	½"-18 %"-18	1840404A 1840406A	50 50
5/16"	1/4"-18	1840504A	50
3/8"	½"-18 %"-18	1840604A 1840606A	50 50
1/2"	1/2"-14	1840808A	25

Female Swivels





Hose ID	Hose OD	Female	Brass Option		Optional
Hose ID	Hose OD	NPSM	Previous Part #	Part #	Qty
	1/2"	1/4"	185-4084	1854084K	50
	9/16"	1/4"	185-4094	1854094K	50
1/4"	5/8"	1/4"	185-4104	1854104K	50
1/4	1/2"	3/8"	185-4086	1854086K	50
	9/16"	3/8"	185-4096	1854096K	50
	5/8"	3/8"	185-4106	1854106K	50
	9/16"	1/4"	185-5094	1855094K	50
5/16"	5/8"	1/4"	185-5104	1855104K	50
	11/16"	1/4"	185-5114	1855114K	50
	5/8"	1/4"	185-6104	1856104K	50
	11/16"	1/4"	185-6114	1856114K	50
3/8"	3/4"	1/4"	185-6124	1856124K	Qty 50 50 50 50 50 50 50 50 50 50 50 50 50
3/0	5/8"	3/8"	185-6106	1856106K	50
	11/16"	3/8"	185-6116	1856116K	50
	3/4"	3/8"	185-6126	1856126K	50
	7/8"	1/2"	185-8148	1858148K	20
1/2"	15/16"	1/2"	185-8158	1858158K	50 50 50 50 50 50 50 50 50 50 50 20
	1"	1/2"	185-8168	1858168K	20

Splicer Stems



Hose ID	<i>Brass</i> Part #	Optional Qty
1/4"	1860404S	100
3/8"	1860606S	50

Hose Splicers



Hose	Hose	Brass		Ontional Oty	
ID	OD	Previous Part #	Part #	Optional Qty	
	1/2"	187-0408	1870408K	50	
1/4"	9/16"	187-0409	1870409K	50	
	5/8"	187-0410	1870410K	50	
	5/8"	187-0610	1870610K	25	
3/8"	11/16"	187-0611	1870611K	25	
	3/4"	187-0612	1870612K	25	



Reusable Fittings

Ferrules

Hose ID	Hose OD	<i>Brass</i> Part #	303 Stainless Steel Part #	Opt Qty
	1/2"	1800408F	1800408FSS	100
1/4"	9/16"	1800409F	1800409FSS	50
	5/8"	1800410F	1800410FSS	50
	9/16"	1800509F	1800509FSS	100
5/16"	5/8"	1800510F	1800510FSS	50
	11/16"	1800511F		50
	5/8"	1800610F	1800610FSS	50
3/8"	11/16"	1800611F	1800611FSS	50
	3/4"	1800612F	1800612FSS	50
	7/8"	1800814F	1800814FSS	25
1/2"	15/16"	1800815F	1800815FSS	25
	1"	1800816F		20







Male Stems

Hose ID	Male NPTF Thread ¹	<i>Brass</i> Part #	303 Stainless Steel ¹ Part #	Opt Qty
	1/8"	1820402S	1820402SS	100
1/4"	1/4"	1820404S	1820404SS	100
	3/8"	1820406S		50
E/4.01	1/4"	1820504S	1820504SS	50
5/16"	3/8"	1820506S		50
	1/4"	1820604S	1820604SS	100
3/8"	3/8"	1820606S	1820606SS	50
	1/2"	1820608S		25
	1/4"	1820804S		50
1/2"	3/8"	1820806S	1820806SS	50
	1/2"	1820808S	1820808SS	25
	'	•		•





¹ stainless steel parts have NPT threads













Standard Shank Fittings

GHT Complete Couplings with Hex Nut

Feature:

• extended male GHT - deeper thread

Hose	Brass Lead		Lead Free Brass ²	303 Stainless	
Size	Previous Part #	Part #	Part #	Previous Part #	Part #
3/8"	BC73	5920606K			
1/2"	BC74	5920808K	5920808KLF	SSC74	5920808KSS
5/8"	BC75	5921010K	5921010KLF	SSC75	5921010KSS
3/4"	BC76	5921212K	5921212KLF	SSC76	5921212KSS
1"	BC78	5921612K			
1"	BS808	5921616K1			

^{1 1&}quot; NPSH thread

GHT Female Fittings with Swivel Nut





	Offi Female Fittings with Swiver Nut								
Hose	lose Brass		Lead Free Brass ²	303 Stainless		Pkg			
Size	Previous Part #	Part #	Part #	Previous Part #	Part #	Qty			
3/8"	BCF73	5910612C				25			
1/2"	BCF74	5910812C		SSCF74	5910812SS	25			
/2			5910812CLF			25			
5/8"	BCF75	5911012C		SSCF75	5911012SS	25			
78			5911012CLF			25			
3/4"	BCF76	5911212C		SSCF76	5911212SS	25			
74			5911212CLF			25			
1"	BCF78	5911612C				10			
'	BS848	5911616C 1,3				10			

¹ 1" NPSH thread

GHT Male Fittings

Feature:

• extended male GHT - deeper thread





Hose	Brass		Lead Free Brass ²	303 St	ainless	Pkg
Size	Previous Part #	Part #	Part #	Previous Part #	Part #	Qty
3/8"	BCM73	5900612C				25
1/3"	BCM74	5900812C		SSCM74	5900812SS	25
/2			5900812CLF			25
5/8"	BCM75	5901012C		SSCM75	5901012SS	25
78			5901012CLF			25
3/4"	BCM76	5901212C		SSCM76	5901212SS	25
9/4			5901212CLF			25
1"	BCM78	5901612C				10
	BS818	5901616C ¹				10

^{1 1&}quot; NPSH thread

² Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400 Note: complete coupling set is not shipped assembled

² Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

³ washer included, part # **5911616W** on page 242

[•] SBR black rubber washer part # 5911212W included found on page 242

² Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

Short Shank Fittings

• use with washers on page 242

GHT Complete Couplings with Hex Nut

Feature:

- · extended male GHT deeper thread
- complete coupling set is not shipped assembled

Hose Size	Brass			
Hose Size	Previous Part #	Part #		
1/2"	HNBGH74	5890808K		
5/8"	HNBGH75	5891010K		
3/4"	HNBGH76	5891212K		



GHT Complete Couplings with Round Nut

Hose Size	Brass			
HOSE SIZE	Previous Part #	Part #		
1/2"	BGH74	5870808K		
5/8"	BGH75	5871010K		
3/4"	BGH76	5871212K		





GHT Female Couplings with Round Nut

Hose Size	Shank	Bra	ass
HUSE SIZE	Length	Previous Part #	Part #
1/2"	1"	BGHF74	5860812C
5/8"	1"	BGHF75	5861012C
3/4"	1"	BGHF76	5861212C



GHT Female Swivels with Hex Nut

Hoop Cize	Shank	Bra	ass
Hose Size	Length	Previous Part #	Part #
1/2"	1"	HNBGHF74	5880812C
5/8"	1"	HNBGHF75	5881012C
3/4"	1"	HNBGHF76	5881212C



GHT Male Couplings with Hex

Feature:

• extended male GHT - deeper thread

O:	Shank	Bra	ass
Hose Size	Length	Previous Part #	Part #
1/2"	1"	BGHM74	5850812C
5/8"	1"	BGHM75	5851012C
3/4"	1"	BGHM76	5851212C





Short Shank Couplings with Octagon Nut

· sold in complete sets only



Hose Size	Shank Length	Aluminum Part #
3/8"	13/16"	ABC73
3/4"	1-1/8"	ABC76

Standard Shank Cast Coupling with Hex Nut

- use with washers on page 205
- · sold in complete sets only



Hose Size	<i>Brass</i> Part #
1/2"	CBC74
5/8"	CBC75
3/4"	CBC76
1"	CBC88 1

¹ NPSM thread

Garden Hose Menders



Hose ID	Brass			
позе по	Previous Part #	Part #		
1/2"	5780808C	1780808C		
5/8"	5781010C	1781010C		
3/4"	5781212C	1781212C		
1"	5781616C	1781616C		





Long Shank Fittings

Complete Couplings - GHT

Feature:

• extended male GHT, deeper thread

Hose	GHT	Plated Steel	Brass				
ID	Thread	Part #	Previous Part #				
3/8"	3/4"	SLS307					
1/2"	3/4"	SLS407	BLS407	5950808K			
5/8"	3/4"	SLS507	BLS507	5951010K			
3/4"	3/4"	SLS607	BLS607	5951212K			



Female Couplings - GHT

Hose	GHT	Plated Steel	Bra	ass P		Lead Free Brass
ID	Thread	Part #	Previous Part #	Part #	Qty	Part #
3/8"	3/4"	SLS347				
1/2"	3/4"	SLS447	BLS447	5940812C	25	
5/8"	3/4"	SLS547	BLS547	5941012C	25	
3/4"	3/4"	SLS647	BLS647	5941212C	25	5941212CLF 1





Male Couplings - GHT

Feature:

• extended male GHT, deeper thread

Hose	GHT	Plated Steel	Bra	ass	Pkg	Lead Free Brass
ID	Thread	Part #	Previous Part #	Part #	Qty	Part #
3/8"	3/4"	SLS317			50	
1/2"	3/4"	SLS417	BLS417	5930812C	25	
5/8"	3/4"	SLS517	BLS517	5931012C	25	
3/4"	3/4"	SLS617	BLS617	5931212C	10	5931212CLF1



¹ Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400



Spray Hose Fittings

Complete Couplings - GHT

Hose ID	GHT Thread	Plated Steel Part #
3/8"	3/4"	SS307
1/2"	3/4"	SS407
5/8"	3/4"	SS507
3/4"	3/4"	SS607

Female Couplings - GHT



Hose	GHT	Plated Steel
ID	Thread	Part #
3/8"	3/4"	SS347
1/2"	3/4"	SS447
5/8"	3/4"	SS547
3/4"	3/4"	SS647

Male Couplings - GHT



Hose ID	GHT Thread	Plated Steel Part #
3/8"	3/4"	SS317
1/2"	3/4"	SS417
5/8"	3/4"	SS517
3/4"	3/4"	SS617

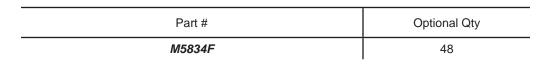




Features:

- · 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 %" and 34" hose

Female Hose Fittings





Male Hose Fittings

Part #	Optional Qty
M5834M	48



Menders

Part #	Optional Qty
М5834НМ	48



Male GHT Adapters

Male Hose x Male Hose x Female Pipe

Male GH x Male GH x	Lead Free Brass
Female NPT	Part #
3/4" X 3/4" X 1/2"	5091212CLF



Male GHT x Male NPTF







brass

lead free brass

303 stainless

Male GHT	Male NPTF	Bi Previous Part #	rass Part #	Lead Free Brass³ Part #	Male Thread	303 S Previous Part #	tainless Part #	Pkg Qty
3/4"	3/8"	BA73	5081206C 1					25
3/4"	1/2"	BA74	5081208C 1	5081208CLF	NPT	RA74	5081208SS	25
3/4"	3/4"		5081212C1		NPT	RA776	5081212SS	25
3/4"	3⁄4" X 1⁄2"	BA776	5141212C 1,2	5141212CLF ²	NPT		5141212SS ²	25
3/4"	1"	BA78	5081216C 1					10

¹ extended male GHT, deeper thread

 $^{^{2}~\}mbox{has}~\mbox{\em 1/2}"$ female NPT on ID of $\mbox{\em 3/4}"$ male NPT side

³ Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400



Male GHT Adapters

Male GHT



brass



303 stainless

Male	Male	Brass		Male	303 Stainless		Pkg	
GI		GHT	Previous Part #	Part #	GHT	Previous Part #	Part #	Qty
3/	4"	3/4"	BA777	5091212C1	NPT	RA777	5091212SS 1	25
3/	4"	1" ²	509-1612	5091612C1				20

extended male GHT, deeper threadNPSH thread

Female NPTF



brass



303 stainless

Male	Female	Brass		Lead Free Brass	Pkg
GHT	NPTF	Previous Part #	Part #	Part #	Qty
3/4"	1/4"	507-1204 ¹	5071204C		25
3/4"	3/8"	507-1206 ¹	5071206C		25
3/4"	1/2"	BA794 ¹	5071208C		25
3/4"	3/4"	BA796 ¹	5071212C	5071212CLF ^{2,3}	25

Male	Female	303 St	ainless	Pkg
GHT	NPT	Previous Part #	Part #	Qty
3/4"	1/2"	RA794	5071208SS	25
3/4"	3/4"	RA796	5071212SS	25

¹ extended male GHT, deeper thread

² NPT threads

³ Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

Female GHT Adapters

Swivel

Female x	Bra	Optional		
Female	Previous Part #	Part #	Qty	
3/4" X 3/4"	BA977	5061212C	25	
3/4" X 3/4"		5061212CLF ¹	25	





Female GHT Swivel x Female NPTF

Female GHT x	Bra	ass	Lead Free Brass	303 Stainless		Pkg
Female NPTF	Previous Part #	Part #	Part #	Previous Part #	Part #	Qty
3/4"X 1/2"	BAS974	5021208C	5021208CLF 1, 2	RAS974	5021208SS ²	25
3/4" X 3/4"	BAS976	5021212C	5021212CLF 1, 2	RAS976	5021212SS ²	10



Female GHT Swivel x Male NPTF

Female Male		Brass Previous Part		Male	303 Stainless Previous Part		Pkg
GHT	NPTF	#	Part #	NPT	#	Part #	Qty
3/4"	1/4"	504-1204	5041204C				25
3/4"	3/8"	504-1206	5041206C				25
3/4"	1/2"	504-1208	5041208C	1/2"	R504-1208	5041208SS	25
3/4"	3/4"	504-1212	5041212C	3/4"	R504-1212	5041212SS	20





Rigid Female GHT x Male NPTF

Female	Male Brass		ass	Male 303 Stainless		tainless	Pkg
GHT	Thread NPTF	Previous Part #	Part #	Thread NPT	Previous Part #	Part #	Qty
3/4"	3/8"	BMA973	5031206C				25
3/4"	1/2"	BMA974	5031208C	1/2"	RMA974	5031208SS	25
3/4"	3/4"	BMA976	5031212C ¹	3/4"	RMA976	5031212SS ¹	25





Rigid Female GHT x Female NPTF

Female GHT	Female Thread NPTF	Bra Previous Part #		Female Thread NPT	303 St Previous Part #	ainless Part #	Pkg Qty
3/4"	1/8"	BA971	5011202C				50
3/4"	1/4"	BA972	5011204C				25
3/4"	3/8"	BA973	5011206C				25
3/4"	1/2"	BA974	5011208C	1/2"	RA974	5011208SS	25
3/4"	3/4"	BA976	5011212C	3/4"	RA976	5011212SS	25





Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

¹ Lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² NPT threads

 $^{^{1}~}$ has $1\!\!/_{\!2}"$ female NPTF on ID of $3\!\!/_{\!4}"$ male NPTF side

Black SBR Washers



ID	OD	duro	Part #	Optional Qty
0.63"	1.00"	80	5911212W	100
0.86"	1.27"	60	5911616W	100

Garden Hose Filter Washer



Description	FDA black 7	Optional	
Description	Previous Part #	Part #	Qty
304 stainless steel mesh,FDA black 70a duro PVC	TVS7-30	5911212F	100

Red Vinyl GHT Washer





<i>red vinyl</i>	Optional
Part #	Qty
TVW7	100

White Rubber GHT Washer



white rubber (Styrene Butadiene) Part #	Optional Qty
TRW7	100

Garden Hose Cap



Size	Bra	Optional	
Size	Previous Part #	Part #	Qty
3/4"	GHC7	5131212C	25

Garden Hose Round Nut with Knurl



Size	<i>Brass</i> Part #
3/4"	5861012N

Garden Hose Hex Nut with Knurl



Size	<i>Brass</i> Part #
3/4" GHT	5911212N
1" NPSH	5911616N

D

Compression Bibb Faucets

Features:

- · rough brass finish
- · nozzle end is GHT
- for water use only

Male NPT Inlet Size	<i>Brass</i> Part #
1/2"	35-201-10
3/4"	35-202-10



ndustrial Hose Fittings

Garden Hose Quick Connect

Features:

- easy push-pull ring for long lasting and quick hose attachments
- maximum operating pressure: 150 PSI at ambient temperature 70°F (21°C)
- maximum temperature 140°F (60°C)

Complete Assembly

	Brass		303 Stainless Steel	
Description	Previous Part #	Part #	Previous Part #	Part #
complete assembly	DGH7	500QCK	DGH7SS	500QCKSS
complete valved assembly	DGH7V	500QCKV		







Female Couplers

	Brass		303 Stainless Steel	
Description	Previous Part #	Part #	Previous Part #	Part #
coupler	DGH7C	500QCF	DGH7CSS	500QCFSS
valved coupler-water shutoff	DGH7CV	500QCFV		



Replacement Parts

•	
Description	Part #
replacement rubber seal gasket for 500QCFV (DGH7CV)	500QCFVSG
replacement NBR O-ring for 500QCFV (DGH7CV)	500QCFVOR



Replacement Seal for 500QCF

Nitrile Butadiene Rubber				
Previous Part # Part #				
DGHW7	500QCSG			



Male Plugs

	Brass		303 Stainless Steel	
Description	Previous Part #	Part #	Previous Part #	Part #
male plug	DGH7P	500QCM	DGH7PSS	500QCMSS

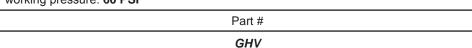




Straight GHT Valve

Features:

- powder-coated zinc shut-off valve
- maximum temperature: 160°F (71°C) (hot water)
- recommended usage: 100°F (38°C)
- working pressure: 60 PSI





GHT Ball Valve

forged brass

Features:

- maximum temperature: 140°F (60°C) (hot water)
- working pressure: 100 PSI

Part #

500GHV

D



GHT Twin Valve

- Features:
 powder-coated zinc with twin shut-off valves
- maximum temperature: 160°F (71°C) (hot water)
- recommended usage: 100°F (38°C)
- working pressure: 60 PSI

Part #

GHYV

Garden Hose Y Valve



Features:

- forged brass
- · double Y valve, swivel inlet with Higbie cut threads (capped) to prevent cross threading
- maximum temperature: 140°F (60°C) (hot water)
- working pressure: 100 PSI

Part #

500GHY



Garden Hose Y Coupler

Features:

- · nickel plated brass
- maximum working pressure: 150 PSI
- maximum temperature: 195°F (90.5°C)

Part #

500YC

GHT Y



Features:

- · powder-coated zinc with twin outlet
- includes one end cap
- maximum temperature: 160°F (71°C) (hot water)
- recommended usage: 100°F (38°C)
- working pressure: 60 PSI

Part #

GHY

DPL418

D

GHT 4-Valve Manifold

Features:

· forged brass body, stainless steel balls, PTFE seals

swivel inlet

maximum temperature: 120°F (49°C)
maximum operating pressure: 100 PSI

Part #

500GH4VBK



GHT Back Flow Preventer

Features:

brass extruded stock

• maximum operating pressure: 125 PSI

• temperature range: 33°F to 180°F (.5°C to 82°C)

Materials:

gasket: Buna-N

· components: stainless steel



500BFP





Radiator Bibb

Feature:

• 1/4" female pipe thread connection

Material:

vinyl spout

Part #

8013



Garden Hose Gooseneck

Features:

• angles hose away from hose bibb

• recommended usage: 100°F (38°C)

• working pressure: 60 PSI

Powder Coated Zinc Part #

GHGN







Hose Shank x Male NPT Inserts

Size	<i>Nylon</i> Part #	Pkg Qty	Polypropylene Part #	Pkg Qty
11/4"	THN15	25		
1½"	THN20	25	HB150	25
2"	THN25	20	HB200	24
3"	THN35	10	HB300	10
4"			HB400	12

Tuff-Lite™

Hose Shank x Male NPT Insert

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

is 🛕

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



nylon



polypropylene

Hose	Male	Nylon	Pkg	Polypropylene	Pkg
Size	NPT	Part #	Qty	Part #	Qty
	1/8"	TN21	50	PPN21	50
	1/4"	TN22	50	PPN22	50
	3/8"	TN23	50	PPN23	50
1/4"	1/2"	TN24	50	PPN24	50
	3/4"	TN26	50		
	1"	TN28	50		
5/16"	1/4"	TN252	50		
	1/8"	TN31	50	PPN31	50
	1/4"	TN32	50	PPN32	50
3/8"	3/8"	TN33	50	PPN33	50
	1/2"	TN34	50	PPN34	50
	3/4"	TN36	50	PPN36	50
	1/8"	TN41	50		
	1/4"	TN42	50	PPN42	50
1/2"	3/8"	TN43	50	PPN43	50
	1/2"	TN44	50	PPN44	50
	3/4"	TN46	50	PPN46	50
	3/8"	TN53	50		
5/8"	1/2"	TN54	50	PPN54	50
	3/4"	TN56	50	PPN56	50
	3/8"	TN63	50		
3/4"	1/2"	TN64	50	PPN64	50
/-	3/4"	TN66	50	PPN66	50
	1"	TN68	25	PPN68	25
1"	3/4"	TN86	25	PPN86	25
	1"	TN88	25	PPN88	25
44711	1"	TN158	15	 DDM450	
1¼"	11/4"	TN150	10	PPN150	10
	1½"	TN1520	10		
1½"	11/4"	TN2015	10	 DDM200	40
	1½"	TN200	10	PPN200	10
2"	2"	TN250	5	PPN250	5
sold in	nackana	guantities only			

Tuff-Lite™

Hose Shank x Female NPT Insert

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



Hose Size	Female NPT	<i>Nylon</i> Part #
1/4"	1/4"	TFS22
1/4"	1/2"	TFS42
1/2"	1/2"	TFS44
3/4"	3/4"	TFS66



Female 45°SAE/37°JIC Swivel x Hose Barb

Feature:

· ball seat type

Hose Size	Female NPSM	<i>Nylon</i> Part #
1/ ₄ "	1/4"	TF22
3/ ₈ "	3/8"	TF33



Short Shank x Female NPSM Coupling

- · sold in package quantities only
- shipped with a red vinyl washer (TVW7), replacement washers on page 242

Hose Shank	Female NPSM	<i>Nylon</i> Part #	Pkg Qty
1/4"	3/4"	TCF62	50
3/8"	3/4"	TCF63	50
1/2"	3/4"	TCF64	50
5/8"	3/4"	TCF65	50
3/4"	3/4"	TCF66	50









Tuff-Lite™

90° Hose Barb Elbow x Male NPT

Hose Size	Male NPT	<i>Nylon</i> Part #	Pkg Qty
	1/8"	TLS21	50
1/4"	1/4"	TLS22	50
	3/8"	TLS23	50
	1/8"	TLS31	50
	1/4"	TLS32	50
3/8"	3/8"	TLS33	50
	1/2"	TLS34	50
	3/4"	TLS36	50
	1/4"	TLS42	50
	3/8"	TLS43	50
1/2"	1/2"	TLS44	50
/2	3/4"	TLS46	25
	1"	TLS48	25
	3/8"	TLS53	25
	1/2"	TLS54	25
5/8"	/2 3/4"	TLS56	25
	1"	TLS58	25
	3/8"	•	
	1	TLS63	25
3/4"	1/2"	TLS64	25
	3/4"	TLS66	25
	1"	TLS68	15
1"	3/4"	TLS86	15
1	1"	TLS88	15

• sold in package quantities only.

90° Hose Barb Elbow x Female NPT



Hose Size	Female NPT	<i>Nylon</i> Part #
1/2"	1/2"	TLFS44
1/2"	3/4"	TLFS64
3/4"	3/4"	TLFS66

Hose Barb x 90° Hose Barb Elbow



Hose Size	<i>Nylon</i> Part #	Pkg Qty	<i>Polypropylene</i> Part #	Pkg Qty
1/4"	TLSS22	50	PPLSS22	50
3/8"	TLSS33	50	PPLSS33	50
1/2"	TLSS44	50	PPLSS44	50
3/4"	TLSS66	50	PPLSS66	50



Tuff-Lite™

Hose Run x Male NPT Branch Tee

Hose	Male	<i>Nylon</i>	Pkg Qty
Size	NPT	Part #	
1/4"	1/4"	TSST222	50
3/8"	3/8"	TSST333	50
1/2"	1/2"	TSST444	25
3/4"	3/4"	TSST666	25



• sold in package quantities only

Hose Run x Hose Branch Tee

Hose Size	<i>Nylon</i> Part #	Pkg Qty
1/4"	TSSS222	50
3/6"	TSSS333	50
1/2"	TSSS444	50
3/4"	TSSS666	25



• sold in package quantities only

Menders

Feature:

• maximum working temperature: 150°F (66°C)

Size	<i>Nylon</i> Part #	Pkg Qty	<i>Polypropylene</i> Part #	Pkg Qty
1/4"	TM2 ¹	50	PPM2	50
5/16"	TM25 ¹	50		
3/8"	<i>TM3</i> ¹	50	PPM3	50
1/2"	TM4 ¹	50	PPM4	50
5/8"	TM5 ¹	50	PPM5	50
3/4"	<i>TM6</i> ¹	50	PPM6	50
1"	<i>TM8</i> ¹	25	PPM8	50
11/4"	TM16	50		
1½"	TM21	10		
2"	TM26	20		
4"	TM46	25		
6"	TM66	12		



nylon



polypropylene



Tuff-Lite™

Short Shank Female GHT Couplings

• shipped with a red vinyl washer (*TVW7*), replacement washers on page 242







Hose Shank	Thread Size	<i>Nylon</i> Part #	Polypropylene Part #
1/4"	¾" GHT	TCF72	PPCF72
3/8"	34" GHT	TCF73	PPCF73
1/2"	¾" GHT	TCF74	PPCF74
5/8"	34" GHT	TCF75	PPCF75
3/4"	¾" GHT	TCF76	PPCF76

Short Shank Male GHT Couplings



polypropylene



nylon

Hose Shank	Thread Size	<i>Nylon</i> Part #	Polypropylene Part #
1/4"	34" GHT	TCM72	
3/8"	34" GHT	TCM73	PPCM73
1/2"	34" GHT	TCM74	PPCM74
5/8"	34" GHT	TCM75	PPCM75
3/4"	34" GHT	TCM76	PPCM76

Male GHT x Female NPT Adapter



polypropylene



nylon

Female NPT	<i>Nylon</i> Part #	Pkg Qty	Polypropylene Part #	Pkg Qty
1/4"	TA792	50	PPA792	50
3/8"	TA793	50		
1/2"	TA794	50	PPA794	50
3/4"	TA796	50	PPA796	25

• sold in package quantities only

Female GHT x Male NPT Adapter



Male NPT	<i>Nylon</i> Part #	Pkg Qty
1/4"	TA972	50
3/8"	TA973	50
1/2"	TA974	50
3/4"	TA976	50

Tuff-Lite™

Female GHT x Female NPT Adapter

Female NPT	<i>Nylon</i> Part #	Pkg Qty
1/2"	TA974F	50
3/4"	TA976F	50



• sold in package quantities only

Male GHT x Male NPT Adapter

Male NPT	<i>Nylon</i> Part #	Pkg Qty	<i>Polypropylene</i> Part #	Pkg Qty
1/4"	TA772	50		
3/8"	TA773	50	PPA773	50
1/2"	TA774	50	PPA774	50
3/4"	TA776	50	PPA776	50
1"	TA778	25		



nylon

· sold in package quantities only

Male GHT x 90° Hose Barb Elbow

Hose Size	<i>Nylon</i> Part #	Pkg Qty
3/8"	TLS37	50
1/2"	TLS47	25
5/8"	TLS57	25
3/4"	TLS67	50



• sold in package quantities only

GHT x Male NPT Elbow

Male NPT	<i>Nylon</i> Part #	Pkg Qty
3/8"	TLT73	25
1/2"	TLT74	25
3/4"	TLT76	25



• sold in package quantities only



Industrial Hose Fittings



Tuff-Lite™

Push-On Hose Shank x Male NPT Insert

Feature:

• No clamps are needed when these fittings are used with push-on hose.

Hose Size	Male NPT	<i>Nylon</i> Part #	Pkg Qty
	1/8"	TPN21	50 50 50
1/4"	1/4"	TPN22	50
	3/8"	TPN23	50
	1/4"	TPN32	50
3/8"	3/8"	TPN33	50
	1/2"	TPN34	50 50
•	3/8"	TPN43	50
1/2"	1/2"	TPN44	50
	3/4"	TPN46	50

· sold in package quantities only

Push-On Hose Shank x Female NPT Insert

Feature:

• No clamps are needed when these fittings are used with push-on hose.



Hose Size	Female NPT	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/4"	TPF22	50
3/8"	1/4"	TPF32	50 50
/8	3/8"	TPF33	50
1/ "	3/8"	TPF43	50
1/2"	1/2"	TPF44	50

· sold in package quantities only

Push-On Hose Menders

• no clamps needed when used with push-on hose



Size	<i>Nylon</i> Part #	Pkg Qty
1/4"	TPM2	50
3/8"	TPM3	50
1/2"	TPM4	50

· sold in package quantities only

Type A

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 female style
- · 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.



Female with Hose Shank

Feature:

· supplied with gasket

Size	Galvanized Steel Part #
10"	FC21210
12"	FC212121

¹ 12" supplied with M20412 lever assist bar found on page 256





Female with Machined Hose Shank

Features:

- Dixon® combination nipple style hose shank machined from Schedule 40 pipe
- recommended for use with steel King Crimp™ sleeves
- supplied with gasket

Size	Galvanized Steel Part #
10"	FC21210ST100
12"	FC21212ST1201

¹ 12" supplied with M20412 lever assist bar found on page 256



Female with 150# ASA Flange

Feature:

· supplied with gasket

Size	Galvanized Steel Part #
10"	FC22310
12"	FC22312 ¹

- ¹ 12" supplied with M20412 lever assist bar found on page 256
- · For flange dimensions, diagrams and additional information please reference dixonvalve.com.





Industrial Hose Fittings

Type A Male with Hose Shank

Size	Galvanized Steel Part #
10"	MC21110
12"	MC21112

Male with Machined Hose Shank

Features:

- Dixon® combination nipple style hose shank machined from Schedule 40 pipe
- recommended for use with steel King Crimp™ sleeves

Size	Galvanized Steel Part #
10"	MC21110ST100
12"	MC21112ST120



Male with 150# ASA Flange



Size	Galvanized Steel Part #
10"	MC22210
12"	MC22212

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.



Type A Male x Female 90° Elbows

Feature:

· supplied with gasket

Size	Galvanized Steel Part #
10"	EL21510-90
12"	EL21512-90 ¹

^{1 12&}quot; supplied with M20412 lever assist bar on page 256





Female for Welding to Pipe

Size	Unplated Steel Part #
10"	20410
12"	20412



Males with Ring for Welding

Size	<i>Unplated Steel</i> Part #	
10"	21010	
12"	21012	



Female Plugs

Feature:

• supplied with gasket

Size	Galvanized Steel Part #
10"	FP20910
12"	FP20912 ¹



¹ 12" supplied with M20412 lever assist bar on page 256



Industrial Hose Fittings

Type A

Male Plugs with Ring



Size	Galvanized Steel Part #
10"	MP21010
12"	MP21012

Gaskets



Size	<i>Rubber</i> Part #	<i>EPDM</i> Part #
10"	RG20510	RG20610
12"	RG20512	RG20612

D

Lever Assist Bar



Size	Galvanized Steel Part #
12"	M20412

Quick Connect Safety Pin



Size	Galvanized Steel Part #	
12"	SP290	

Type B

Application:

· used primarily on irrigation and suction lines

Features:

- · hot dipped, galvanized
- has a double pin locking lever for smooth closing action
- 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.



Male x Hose Shank

Size	Galvanized Steel Part #
2"	MC3092
3"	MC3093
4"	MC3094
6"	MC3096
8"	MC3098
10"	MC30910 ¹
12"	MC30912 ¹



¹ 10" and 12" supplied with ACB304 lever assist bar on page 261

Male with Male NPT

Size	Galvanized Steel Part #
2"	MCM3112
3"	MCM3113
4"	MCM3114
6"	MCM3116
8"	MCM3118



Female x Hose Shank

Feature:

· supplied with gasket

11 0	
Size	Galvanized Steel Part #
2"	FC3102
3"	FC3103
4"	FC3104
6"	FC3106
8"	FC3108
10"	FC31010
12"	FC31012



Female with Male NPT

Feature:

· supplied with gasket

Size	Galvanized Steel Part #
2"	FCM3122
3"	FCM3123
4"	FCM3124
6"	FCM3126
8"	FCM3128







Industrial Hose Fittings



Type B

Male with Machined Hose Shank

Features:

- Dixon® combination nipple style hose shank machined from Schedule 40 pipe
- recommended for use with steel King Crimp™ sleeves

Size	Galvanized Steel Part #
2"	MC3092ST25
3"	MC3093ST35
4"	MC3094ST40
6"	MC3096ST60
8"	MC3098ST80

Male x 150# ASA Flange





Size	Galvanized Steel Part #
4" 6"	MC3134 MC3136
8"	MC3138
10"	MC31310 ¹
12"	MC31312 ¹

- ¹ 10" and 12" supplied with ACB304 lever assist bar on page 261
- For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Male Weld-On



Size	Unplated Steel Part #
2"	3032
3"	3033
4"	3034
6"	3036
8"	3038
10"	30310
12"	30312

• female and male fittings are commonly used for butt-welding to pipe

Heavy Duty Female x Dixon® Combination Nipple Hose Shank



Size	Galvanized Steel Part #
2"	FC3102ST25
3"	FC3103ST35
4"	FC3104ST40
6"	FC3106ST60
8"	FC3108ST80



Type B

Female x 150# ASA Flange

Feature:

· supplied with gasket

Size	Galvanized Steel Part #
4"	FC3144
6"	FC3146
8"	FC3148
10"	FC31410
12"	FC31412



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• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Female Weld-On with Gasket

Feature:

· supplied with gasket

Size	Unplated Steel Part #	
2"	3022	
3"	3023	
4"	3024	
6"	3026	
8"	3028	
10"	30210	
12"	30212	





Male x Female 90° Elbow

Feature:

· supplied with gasket

Size	Galvanized Steel Part #
4"	EL3154-90
6"	EL3156-90
8"	EL3158-90
10"	EL31510-90 ¹
12"	EL31512-90 ¹



¹ 10" and 12" supplied with ACB304 lever assist bar on page 261

Male x Female 45° Elbow

Feature:

· supplied with gasket

Size	Galvanized Steel Part #
4" 6" 8" 10"	EL3154-45 EL3156-45 EL3158-45 EL31510-45 ¹
12"	EL31510-45



¹ 10" and 12" supplied with ACB304 lever assist bar on page 262



Industrial Hose Fittings



Type B

Female x Male Reducer

Feature:

supplied with gasket

Male Size	Galvanized Steel Part #
4"	FMR31864
6"	FMR31886
8"	FMR318108 ¹
10"	FMR3181210 ¹
	4" 6" 8"

^{1 10&}quot; and 12" supplied with ACB304 lever assist bar on page 261

Female x Male Increaser

Feature:

supplied with gasket



Female Size	Male Size	Galvanized Steel Part #
4"	6"	FMI31946
6"	8"	FMI31968
8"	10"	FMI319810
10"	12"	FMI3191012

¹ 10" and 12" supplied with ACB304 lever assist bar on page 261

Male with Male NPT- extra long



Size	Galvanized Steel Part #
2"	MCM3112XL
3"	MCM3113XL
4"	MCM3114XL
6"	MCM3116XL
8"	MCM3118XL

Male Plugs



Size	Galvanized Steel Part #
2"	MP3232
3"	MP3233
4"	MP3234
6"	MP3236
8"	MP3238
10"	MP32310 ¹
12"	MP32312 ¹

¹ 10" and 12" supplied with ACB304 lever assist bar on page 261



Type B

Female Plugs

Feature:

supplied with gasket

Size	Galvanized Steel Part #	
2"	FP3082	
3"	FP3083	
4"	FP3084	
6"	FP3086	
8"	FP3088	
10"	FP30810	
12"	FP30812	



Lever Rings

Size	<i>Galvanized Steel</i> Part #	
2"	LR3042	
3"	LR3043	
4"	LR3044	
6"	LR3046	
8"	LR3048	
10"	LR30410	
12"	LR30412	



Lever Assist Bar

Size	Description	Galvanized Steel Part #
10" & 12	lever assist bar for 10" and 12" Type B fittings	ACB304



Gaskets

Size	Rubber Part #	<i>EPDM</i> Part #
2"	RG3052	RG3062
3"	RG3053	RG3063
4"	RG3054	RG3064
6"	RG3056	RG3066
8"	RG3058	RG3068
10"	RG30510	RG30610
12"	RG30512	RG30612



Quick Connect Safety Clips

Size	Galvanized Steel Part #	
2" 3" 4" 6" 8" 10" 12"	SP59 SP76 SP89 SP159 SP159 SP390 SP390	



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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 300 series stainless
- screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel

Style HSS material:

- band and housing: SAE 300 series stainless
- screw: SAE 300 series stainless

Band	Hose	e OD	style HS	Master	style HSS	Master
Width	from	to	Part #	Case Qty	Part #	Case Qty
	7/16"	25/32"	HS6	200	HSS6	200
	1/2"	29/32"	HS8	200	HSS8	200
	9/16"	1-1/16"	HS10	500	HSS10	500
	11/16"	1-1/14"	HS12	500	HSS12	500
	13/16"	1-1/2"	HS16	500	HSS16	500
	13/16"	1-3/4"	HS20	500	HSS20	500
	1-1/16"	2"	HS24	500	HSS24	500
1/2"	1-5/16"	2-1/4"	HS28	500	HSS28	500
1/2	1-9/16"	2-1/2"	HS32	500	HSS32	500
	1-13/16"	2-3/4"	HS36	500	HSS36	500
	2-1/16"	3"	HS40	200	HSS40	200
	2-5/16"	3-1/4"	HS44	200	HSS44	200
	2-9/16"	3-1/2"	HS48	200	HSS48	200
	2-13/16"	3-3/4"	HS52	200	HSS52	200
	3-1/16"	4"	HS56	200	HSS56	200
	3-5/16"	4-1/4"	HS60	200	HSS60	200
	3-9/16"	4-1/2"	HS64	200	HSS64	200
	1-7/8"	5"	HS72	100	HSS72	100
	2-1/2"	5-1/2"	HS80	100	HSS80	100
	3-1/8"	6"	HS88	100	HSS88	100
	3-5/8"	6-1/2"	HS96	100	HSS96	100
	4-1/8"	7"	HS104	100	HSS104	100
	5-5/8"	8-1/2"	HS128	100	HSS128	100
9/16"	7-1/8"	10"	HS152	100	HSS152	100
	9-3/8"	12-1/4"	HS188	100	HSS188	100
	10-1/8"	13"	HS200	100	HSS200	100
	10-7/8"	13-3/4"	HS212	100	HSS212	100
	11-5/8"	14-1/2"	HS224	100	HSS224	100
	12-3/8"	15-1/4"	HS236	100	HSS236	100
	13-1/8"	16"	HS248	100	HSS248	100
	17-1/8"	20"	HS312	100	HSS312	100



style HSS

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 300 series stainless
- screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel

Style MAH material:

- · band and housing: SAE 300 series stainless
- · screw: SAE 300 series stainless

Band Width	Hose from	e OD to	style MH Part #	Master Case Qty	style MAH Part #	Master Case Qty
5/16"	7/32" 7/16" 1/2" 9/16" 11/16" 15/16"	5/8" 25/32" 29/32" 1-1/16" 1-1/4" 1-1/2" 1-3/4"	MH4 MH6 MH8 MH10 MH12 MH16 MH20	500 500 200 200 200 200 200	MAH4 MAH6 MAH8 MAH10 MAH12 MAH16 MAH20	500 500 200 200 200 200 200



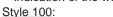
Torque ratings correspond to the torque rating of the screw of the clamp and are not an a indication of the working pressure of any hose assembly installed with this clamp.



Aero-Seal® Worm Gear Clamps

Features:

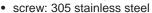
- four-piece construction
- band slots designed for strength and smooth action
- saddle interlocks into embossed band to form a true concentric circle
- slotted hex head screw design
- heat treated screws have buttress thread type
- safety collar or thumb screw available on the style 200 series only
- 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 a indication of the working pressure of any hose assembly installed with this clamp.



Style 200:

Style 300:

- band and housing: 300 SS
- band and housing: 300 SS screw: 410 stainless steel
- · band and housing: 300 SS





• screw:	screw: plated carbon steel • screw: 410 stainless steel • screw: 305 stainless steel					steel
Band	Hose		Style 100	Style 200	Style 300	Pkg
Width	from	to	Part #	Part #	Part #	Qty
9/16"	7/16" 1/2" 9/16" 11/16" 13/16" 1-1/16" 1-5/16" 1-9/16" 2-1/16" 2-5/16" 2-13/16" 2-13/16" 3-1/16" 3-5/16"	25/32" 29/32" 1-1/16" 1-1/4" 1-1/2" 1-3/4" 2" 2-1/4" 2-1/2" 2-3/4" 3" 3-1/4" 3-1/2" 3-3/4" 4"	10006 10008 10010 10012 10016 10020 10024 10032 10036 10040 10044 10048 10052 10056	20006 20008 20010 20012 20016 20020 20024 20032 20036 20040 20044 20048 20056 20056 20060	30006 30008 30010 30012 30016 30020 30024 30028 30032 30036 30040 30040 30044 30048 30052 30056 30060	10 10 10 10 10 10 10 10 10 10 10 10 10

Marine Grade Worm Gear Clamps

- three-piece construction
- clamp meets SAEJ1508 which supercedes Mil Spec WW-C-440B
- 316 stainless steel marine grade: 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	Hos	e OD	316 Stainless Steel
Width	from	to	Part #
	3/8"	7/8"	MGC6
	7/16"	1"	MGC8
	9/16"	1-1/16"	MGC10
	9/16"	1-5/16"	MGC12
	11/16"	1-1/2"	MGC16
	3/4"	1-3/4"	MGC20
	1-1/16"	2"	MGC24
	1-5/16"	2-1/4"	MGC28
	1-9/16"	2-1/2"	MGC32
	1-13/16"	2-3/4"	MGC36
1/2"	2-11/16"	3"	MGC40
	2-5/16"	3-1/4"	MGC44
	2-9/16"	3-1/2"	MGC48
	2-13/16"	3-3/4"	MGC52
	3-1/16"	4"	MGC56
	2-1/2"	4-1/2"	MGC64
	3-1/16"	5"	MGC72
	3-1/2"	5-1/2"	MGC80
	4-3/32"	6"	MGC88
	4-1/2"	6-1/2"	MGC96
	5"	7"	MGC104



Aero-Seal® Liner Worm Gear Clamps

Features:

- The integral extension of the band as a liner (no rivets or welds) protects soft surface hose (silicone and others) from damage caused by extrusion or shearing through the band slots.
- screw design: 5/16" hex slotted hex head
- all clamps sold 10 per box
- · band, saddle, housing: stainless steel

Style DL:

· screw: plated carbon steel

Style DLS:

· screw: 410 stainless steel

Band	Hose	OD	style DL	Pkg	style DLS	Pkg
Width	from	to	Part #	Qty	Part #	Qty
	7/16"	25/32"	DL9206	10	DLS9406	10
	1/2"	29/32"	DL9208	10	DLS9408	10
	9/16"	1-1/16"	DL9210	10	DLS9410	10
	11/16"	1-1/4"	DL9212	10	DLS9412	10
	13/16"	1-1/2"	DL9216	10	DLS9416	10
	13/16"	1-3/4"	DL9220	10	DLS9420	10
1/2"	1-1/16"	2"	DL9224	10	DLS9424	10
	1-5/16"	2-1/4"	DL9228	10	DLS9428	10
	1-9/16"	2-1/2"	DL9232	10	DLS9432	10
	1-13/16"	2-3/4"	DL9236	10	DLS9436	10
	2-1/16"	3"	DL9240	10	DLS9440	10
	2-5/16"	3-1/4"	DL9244	10	DLS9444	10
	2-9/16"	3-1/2"	DL9248	10	DLS9448	10



style DLS

WaveSeal Clamps

Application:

· provides optimal retention in applications involving thermal cycling and / or high vibration

Features:

- · produces a sealing O-ring effect that prevents leakage
- 5/16" head screw
- suggested installation torque 50-70 inch pounds
- all clamps sold 10 per box
- construction:

band: 300 stainless steel

liner and housing: 300 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	Hose	OD	Dort #	Pkg
Width	from	to	Part #	Qty
	1-3/32"	1-5/16"	WSS16	10
	1-1/8"	1-1/2"	WSS19	10
	1-1/8"	1-9/16"	WSS20	10
	1-7/16"	1-11/16"	WSS22	10
	1-1/2"	1-13/16"	WSS24	10
	1-3/4"	2-1/16"	WSS28	10
	1-15/16"	2-5/16"	WSS32	10
	2"	2-7/16"	WSS34	10
	2-1/8"	2-9/16"	WSS36	10
9/16"	2-5/16"	2-13/16"	WSS40	10
	2-1/2"	3-1/16"	WSS44	10
	2-11/16"	3-5/16"	WSS48	10
	2-7/8"	3-9/16"	WSS52	10
	3-1/16"	3-13/16"	WSS56	10
	3-1/4"	4-1/16"	WSS60	10
	3-7/16"	4-5/16"	WSS64	10
	3-3/4"	4-13/16"	WSS72	10
	4-3/16"	5-5/16"	WSS80	10
	4-1/2"	5-13/16"	WSS88	10



Clamps



Constant Torque Worm Gear 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.
- %" hex, carbon steel screw
- 5/8" wide 300 stainless steel band

Width from to Part # 1" 13/4" CT175L	
1" 13/" CT175I	
11/4" 21/8" CT200L 13/4" 22/8" CT250L 21/4" 33/8" CT300L 23/4" 35/8" CT350L 31/4" 44/8" CT400L 33/4" 45/8" CT450L 41/4" 55/8" CT500L 51/4" 65/8" CT550L 51/4" 66/8" CT600L 53/4" 66/8" CT650L 61/4" 77/8" CT700L 63/4" 77/8" CT700L 63/4" 75/8" CT750L 71/4" 88/8" CT750L 71/4" 88/8" CT800L 73/4" 85/8" CT800L 73/4" 85/8" CT800L 73/4" 85/8" CT800L 73/4" 85/8" CT800L 73/4" 85/8" CT800L 73/4" 85/8" CT800L	

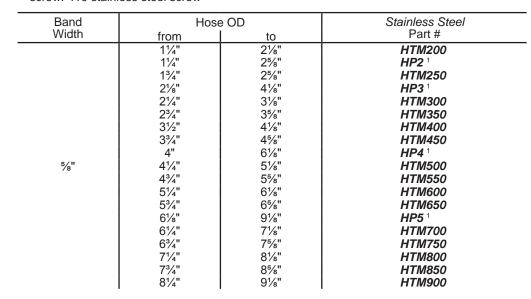
HTM Hi Torque Worm Gear Clamps

- 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
- 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 and housing: 300 series half hard stainless ¹
- screw: 410 stainless steel screw



¹ extended hose OD range





Center Punch Band Clamps

Features:

- install with center punch tools F1, F38, F40 and F100 located on page 271 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

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Band Width	Clamp ID	Band THK	Stainless Steel Part #	Pkg Qty	Band THK	Galvanized Steel Part #	Pkg Qty
3/11	13/16"	.020"	FS3	100	.025"	F3	100
3/8"	1-3/8"	.020"	FS311	100	.025"	F311	100
	1"	.022"	FS4	100	.025"	F4	100
	1-1/4"	.022"	FS5	100	.025"	F5	100
	1-1/2"	.022"	FS6	100	.031"	F6	100
	1-3/4"	.022"	FS7	100	.031"	F7	100
	2"	.022"	FS8	100	.031"	F8	100
	2-1/4"	.022"	FS9	100	.031"	F9	100
	2-1/2"	.022"	FS10	50	.031"	F10	50
5/11	2-3/4"	.022"	FS11	50	.031"	F11	50
5/8"	3"	.022"	FS12	50	.031"	F12	50
	3-1/2"	.022"	FS14	50	.031"	F14	50
	4"	.022"	FS16	25	.031"	F16	25
	4-1/2"	.022"	FS18	25	.031"	F18	25
	5"	.022"	FS20	25	.031"	F20	25
	6"	.022"	FS24	25	.031"	F24	25
	7"	.022"	FS28	25	.031"	F28	25
	8"	.022"	FS32	25	.031"	F32	25



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Open End FO Series

Band Width	Clamp ID	Band THK	Stainless Steel Part #	Pkg Qty	Band THK	Galvanized Steel Part #	Pkg Qty
	13/16"	.020"	FOS3	100	.025"	FO3	100
3/8"	1-3/8"	.020"	FOS311	100	.025"	FO311	100
78	2"	.020"	FOS316	100	.025"	FO316	100
	3-1/8"	.020"	FOS325	100	.025"	FO325	100
	2"	.022"	FOS8	100	.025"	FO8	100
	2-1/2"	.022"	FOS10	50	.025"	FO10	50
	3"	.022"	FOS12	50	.031"	FO12	50
	3-1/2"	.022"	FOS14	50	.031"	FO14	50
	4"	.022"	FOS16	50	.031"	FO16	50
	4-1/2"	.022"	FOS18	50	.031"	FO18	50
5/8"	5"	.022"	FOS20	25	.031"	FO20	25
78	6"	.022"	FOS24	25	.031"	FO24	25
	7"	.022"	FOS28	25	.031"	FO28	25
	8"	.022"	FOS32	25	.031"	FO32	25
	9"	.022"			.031"	FO36	25
	10"	.022"			.031"	FO40	25
	12"	.022"			.031"	FO48	25
	14"	.022"			.031"	FO56	10



Universal Pre-formed K series





- 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 271
- Fast-Lok[™] tools: F1, F40, F100 page 271
- Super Strap Tools: 51960 screw action with 51970 adapter page 272
- 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 ¾" and ½", S-38 for ¾" and ½", J-102 Pok-It™ for ¾" only.
- Punch-Lok® tools: P-1000 for ¾" and ¾", P-3000 for ¾" only, P-38 for ¾" and ½"
- · sold in package quantities only

Band	Clamp	Band	Stainless Steel	Pkg	Band	Galvanized Steel	Pkg
Width	ID	THK	Part #	Qty	THK	Part #	Qty
3/8"	13/16"	.025"	KS3	100	.025"	K3	100
78	1-3/8"	.025"	KS311	100	.025"	K311	100
	1"	.030"	KS4	100	.031"	K4	100
	1-1/4"	.030"	KS5	100	.031"	K5	100
	1-1/2"	.030"	KS6	100	.031"	K6	100
	1-3/4"	.030"	KS7	100	.031"	K7	100
	2"	.030"	KS8	100	.031"	K8	100
	2-1/4"	.030"	KS9	100	.031"	K 9	100
	2-1/2"	.030"	KS10	50	.031"	K10	50
5/8"	2-3/4"	.030"	KS11	50	.031"	K11	50
78	3"	.030"	KS12	50	.031"	K12	50
	3-1/2"	.030"	KS14	50	.031"	K14	50
	4"	.030"	KS16	25	.031"	K16	25
	4-1/2"	.030"	KS18	25	.031"	K18	25
	5"	.030"	KS20	25	.031"	K20	25
	6"	.030"	KS24	25	.031"	K24	25
	7"	.030"	KS28	25	.031"	K28	25
	8"	.030"	KS32	25	.031"	K32	25



Dixon® Smooth ID - Roll Over Type Clamps

Clamp

Band & Worm Ocal Clamps. Band 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 272.
- sold in package quantities only

Band	Clamp	Band	201 Stainless Steel	Pkg	Galvanized Steel	Pkg
Width	ID	THK	Part #	Qty	Part #	Qty
vviatii				-		
	13/16"	.025"	JS201	100	JS301	100
3/8"	1"	.025"	JS243	100	JS343	100
76	1-3/8"	.025"	JS202	100	JS302	100
	2"	.025"	JS245	100		
	1"	.030"	JS203	100	JS303	100
1/2"	1-1/4"	.030"	JS204	100	JS304	100
	2-3/4"	.030"	JS230	100	JS330 ¹	100
	1-1/2"	.030"	JS205	100	JS305	100
	1-3/4"	.030"	JS206	100	JS306	100
5/8"	2"	.030"	JS207	100	JS307	100
	2-1/4"	.030"	JS208	100	JS308	100
	2-1/2"	.030"	JS209	100	JS309	100
	2-3/4"	.030"	JS210	50		
	3"	.030"	JS211	50	JS311	50
	3-1/2"	.030"	JS212	50	JS312	50
2 / 11	4"	.030"	JS213	25	JS313	25
3/4"	4-1/2"	.030"	JS214	25	JS314	25
	5"	.030"	JS215	25	JS315	25
	6"	.030"	JS216	25		
	7"	.030"	JS218	25		
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Dixon® Smooth ID Center Punch Clamps

Application:

· for use in applications where conditions are highly corrosive

- double wrapped and locked with the conical punch of the F100 tool page 271
- 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	Clamp	Band	201 Stainless Steel	Pkg
Width	ID	THK	Part #	Qty
	1"	.025"	HBC4S	100
	11/4"	.025"	HBC5S	100
	1½"	.025"	HBC6S	100
	13/4"	.025"	HBC7S	100
	2"	.025"	HBC8S	100
	21/4"	.025"	HBC9S	100
	21/2"	.025"	HBC10S	50
5/8"	23/4"	.025"	HBC11S	50
78	3"	.025"	HBC12S	50
	3½"	.025"	HBC14S	50
	4"	.025"	HBC16S	25
	4½"	.025"	HBC18S	25
	5"	.025"	HBC20S	25
	6"	.025"	HBC24S	25
	7"	.025"	HBC28S	25
	8"	.025"	HBC32S	25

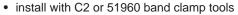


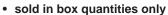
¹ stock quantities only

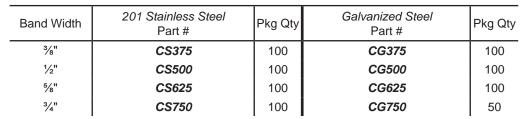
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Band & Buckles System

Features:







Strapping

Feature:

• install with C2 or 51960 band clamp tools



Band Width	Band	Longth	201 Stainless Steel	Galvanized Steel
Dana wiath	Thickness	Length	Part #	Part #
3/8"	.025"	100'	SS375	SG375
1/2"	.031"	100'	SS500	SG500
5/8"	.031"	100'	SS625	SG625
3/4"	.031"	100'	SS750	SG750

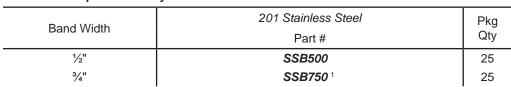
Set Screw Buckles

Application:

 Used in applications when a temporary clamp is desired or space limitations do not allow for tool roll-over

Features:

- set screw locks band after tensioning
- sold in box quantities only



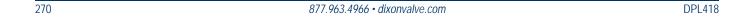
^{1 3/4&}quot; buckle may be used with 5/4" band

Stainless Steel Banding with Tote

- · resistant to moisture
- built-in handle
- full view of available band
- easy to dispense and recoil



Band Width	Band Thickness	Length	Package Description	201 Stainless Steel Part #
1/2"	.030"	100'	plastic blue tote	ST204B
5/8"	.030"	100'	plastic green tote	ST205G
3/4"	.030"	100'	plastic red tote	ST206R



Band Clamp Hand Tools

Locking Hand Tool

Features:

- for application of punch type 3/8" and 5/8" band clamps
- for use with F series only

Part #
F38



Intermediate Hand Tool

Feature:

• for application of 3/8" and 5/8" band clamps

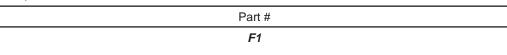




Hand Tool for 5/8" Clamps

Features:

- for application of 5/8" band clamps
- imported

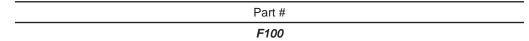




Hand Tool for 3/8" & 5/8" Clamps

Features:

- for application of ¾" and ½" band clamps
- Made in the USA

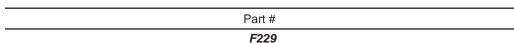




Adapter for F100 Tool

Feature:

• %" clamp adapter for F100 tool only







Band Clamp Punching Mallet



Part #

F225



Clamp Cutter

Рап #

F550

Band & Buckle Clamping Tools



Description Part #
Clamping tool for band and buckles C2

Note: once stock is depleted product will be obsolete

Ε



Description	Part #
Clamping tool for band and buckles	51960



Feature:

• for 51960 tool above

Description	Part #
adapter for 51960 tool to install preformed clamps	51970

Pinch-On Clamps

Single Ear

Features:

• band width: .275" • band thickness: .030"

• sold in package quantities only

Nominal	Rar	nge	Zinc Plated Steel	304 Stainless Steel	Pkg
Size	closed	open	Part #	Part #	Qty
3/8"	.350"	.413"	105	105R	100
7/16"	.382"	.445"	113	113R	100
15/32"	.409"	.484"	123	123R	100
1/2"	.449"	.524"	133	133R	100
35/64"	.469"	.551"	140	140R	100
9/16"	.496"	.571"	145	145R	100
5/8"	.543"	.618"	157	157R	100
11/16"	.595"	.669"	170	170R	100
23/32"	.618"	.728"	185	185R	100
3/4"	.669"	.780"	198	198R	100
13/16"	.717"	.827"	210	210R	100
7/8"	.780"	.890"	226	226R	100
15/16"	.839"	.949"	241	241R	100
1"	.898"	1.008"	256	256R	100
1-1/16"	.945"	1.067"	271	271R	100
1-1/8"	1.004"	1.126"	286	286R	100
1-3/16"	1.063"	1.185"	301	301R	100
1-5/16"	1.181"	1.303"	331	331R	100
1-3/8"	1.240"	1.362"	346	346R	100
1-15/32"	1.358"	1.480"	376	376R	100
1-9/16"	1.437"	1.559"	396	396R	100
1-5/8"	1.492"	1.614"	410	410R	100
1-11/16"	1.551"	1.673"	425	425R	100
1-23/32"	1.610"	1.732"	440	440R	100
1-3/4"	1.669"	1.791"	455	455R	100
1-13/16"	1.728"	1.850"	470	470R	100
1-7/8"	1.787"	1.909"	485	485R	100
1-15/16"	1.847"	1.969"	500	500R	100
2"	1.906"	2.028"	515	515R	100



Double Ear

- 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	Rai	nge	Band	Zinc Plated Steel	304 Stainless Steel	Pkg
Size	closed	open	Width	Part #	Part #	Qty
3/16" 1/4" 5/16" 3/8" 1/2" 9/16" 19/32" 5/8" 3/4" 13/16" 7/8"	.134" .197" .276" .319" .425" .492" .551" .591" .638" .709"	.197" .276" .354" .433" .512" .591" .669" .709" .787" .866" .906"	.197" .236" .275" .275" .275" .295" .315" .315" .335" .354"	0305 0507 0709 0811 1113 1315 1517 1518 1720 1922 2023	0305R 0507R 0709R 0811R 1113R 1315R 1517R 1518R 1720R 1922R 2023R	100 100 100 100 100 100 100 100 100 100
15/16"	.827"	.984"	.394"	2225	2225R	100
1"	.886"	1.063"	.394"	2327	2327R	100
1-1/8"	1.035"	1.221"	.394"	2731	2731R	100
1-7/16"	1.260"	1.457"	.394"	3437	3437R	100
1-1/2"	1.378"	1.575"	.394"	3740	3740R	100



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Pinch-On Stepless® Ear Clamps

Features:

- once installed and clamped tampering is easily visible
- Clamps are not reusable; they should not be pried open, doing so renders the clamp nonfunctional



- ensured clamping seal
- for low durometer 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
- clamps hold against pressure, vibration and material shrinkage due to temperature changes or aging
- built-in spring action permits the clamp to breathe without loosening
- When ordering, 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 package quantities only

Nominal	Range (inches)		304 Stainless Steel	Pky
Size	closed	open	Part #	Qty
9/32"	.228"	.275"	0983	100
3/8"	.307"	.374"	0986	100
7/16"	.378"	.445"	0989	100
1/2"	.425"	.524"	0993	100
35/64"	.453"	.551"	0997	100
9/16"	.472"	.571"	0999	100
5/8"	.520"	.618"	1005	100
11/16"	.571"	.669"	1009	100
3/4"	.654"	.779"	1021	100
13/16"	.701"	.827"	1029	100

Clamp Service Kit

Includes:

- 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

	SK1098	
	Standard Jaw Clamp Tool	
	Part #	
	1098	
	Side Jaw Clamp Tool	

Part #

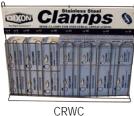
Part #

Dixon® Worm Gear Clamp Racks

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"
- CRWC, Clamps included are:
 - 30 of part# MH4
- 30 of part# MH6
- 20 of part# HS10
- 20 of part# HS12
- 20 of part# HS20
- 20 of part# HS24
- 20 of part# HS28
- 20 of part# HS32
- 20 of part# HS36

Description	Part #
with 200 clamps	CRWC
without clamps	CR





Quick Release Worm Gear 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

Band	Hose OD		style LS	Pkg	style LSS	Pkg
Width	Width from to	to	Part #	Qty	Part #	Qty
	1-1/2"	3-1/2"	LS48	10	LSS48	10
	1"	4"	LS56	10		
	2" 5"	5"	LS72	10	LSS72	10
3-1/2" 6-9 2-7/8" 1-3/4" 8-9 2" 2-1/16" 12-	6"	LS88	10	LSS88	10	
	6-9/16"	LS96				
	2-7/8"	7"	LS104	10	LSS104	10
	1-3/4"	8-9/16"	LS128		LSS128	
	2"	10"	LS152			
	2-1/16"	12-5/16"	LS188		LSS188	
	10-3/16"	14"			LSS216	
	1-3/4"	16"			LSS248	
	1-7/8"	20"			LSS312	

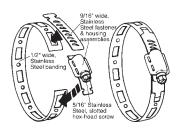


style LSS

Worm Gear Make-A-Clamp Kits

- · 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 2" 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: 300 stainless
- screw material: 410 stainless

Contents	Stainless Steel Part #
mini kit: 8½' band, 3 adjustable fasteners, 1 band splice	4000 4001
kit with 100' band, 25 adjustable fasteners, 10 band splices kit with 50' band, 10 adjustable fasteners, 5 band splices	4007
box with 10 adjustable fasteners: priced per box	4004
box with 100' band, 10 band splices box with 50' band, 5 band splices	4005 4006
6" demonstrator kit with clamps	4007
box with 10 band splices: priced per box	4008





T-Bolt Clamps

Clamps



Features:

Style TBC

- can be applied with a standard 7/16" socket wrench
- 3/4" wide, .025" thick, 300 series stainless steel band
- alloy steel bolt, torque rating: 70 in/lbs
- not for use with pneumatic tools



Style STBC

- 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
- not for use with pneumatic tools







style TBC



style STBC

Hose	e OD	style TBC	Hose	e OD	style STBC	Optional
from	to	Part #	from	to	Part #	Qty
1.25"	1.406"	TBC131	1.25"	1.4063"	STBC131	25
1.34"	1.56"	TBC150	1.31"	1.56"	STBC150	25
1.56"	1.81"	TBC175	1.44"	1.69"	STBC163	25
1.69"	1.94"	TBC188	1.56"	1.81"	STBC175	25
1.81"	2.06"	TBC200	1.69"	1.94"	STBC173	25
2.06"	2.31"	TBC225	1.81"	2.06"	STBC200	25
	2.5"	TBC238			STBC200 STBC212	1
2.19"			1.93"	2.18"	STBC212 STBC225	25
2.31"	2.62"	TBC250	2.06"	2.31"		25
2.31"	2.62"	TBC256	2.19"	2.5"	STBC238	25
2.37"	2.68"	TBC263	2.31"	2.62"	STBC250	25
2.50"	2.81"	TBC275	2.31"	2.62"	STBC256	25
2.63"	2.94"	TBC288	2.37"	2.68"	STBC263	25
2.75"	3.06"	TBC300	2.50"	2.81"	STBC275	25
2.88"	3.19"	TBC312	2.63"	2.94"	STBC288	25
3.00"	3.31"	TBC325	2.75"	3.06"	STBC300	25
3.25"	3.56"	TBC350	2.88"	3.19"	STBC312	25
3.50"	3.81"	TBC375	3.00"	3.31"	STBC325	25
3.56"	3.87"	TBC382	3.25"	3.56"	STBC350	25
3.75"	4.06"	TBC400	3.38"	3.69"	STBC362	25
4.00"	4.30"	TBC425	3.50"	3.81"	STBC375	25
4.25"	4.56"	TBC450	3.56"	3.87"	STBC382	25
4.50"	4.81"	TBC475	3.75"	4.06"	STBC400	25
4.75"	5.06"	TBC500	4.00"	4.30"	STBC425	25
5.00"	5.31"	TBC525	4.25"	4.56"	STBC450	25
5.25"	5.56"	TBC550	4.50"	4.81"	STBC475	25
5.50"	5.81"	TBC575	4.75"	5.06"	STBC500	25
5.75"	6.06"	TBC600	5.00"	5.31"	STBC525	25
6.00"	6.31"	TBC625	5.25"	5.56"	STBC550	25
6.25"	6.56"	TBC650	5.50"	5.81"	STBC575	25
6.50"	6.81"	TBC675	5.75"	6.06"	STBC600	25
6.75"	7.06"	TBC700	6.00"	6.31"	STBC625	25
7.25"	7.56"	TBC750	6.25"	6.56"	STBC650	25
	•		6.50"	6.81"	STBC675	25
			6.75"	7.06"	STBC700	25
			7.00"	7.31"	STBC725	25
			7.25"	7.56"	STBC750	25
			7.75"	8.06"	STBC800	25
			8.00"	8.31"	STBC825	25
			8.25"	8.56"	STBC850	25
			8.63"	8.94"	STBC888	25
			8.75"	9.06"	STBC900	25
			9.25"	9.56"	STBC950	25
			9.25 9.75"	10.06"	STBC1000	10
			10.63"	10.00	STBC1000	10
			10.65	12.06"	STBC1200	10
			12.63"	12.00	STBC1200 STBC1288	10
			12.03	12.54	31001200	1 10

Heavy Duty T-Bolt Clamps

- can be applied with a standard ½" socket wrench.
 ¾" wide, .040" thick, 300 series stainless steel band
- style HTBC carbon steel bolt, torque rating: 150 in/lbs
- style HSTBC 300 series stainless steel bolt, torque rating: 150 in/lbs
- not for use with pneumatic tools



Hose OD		style HTBC	style HSTBC
from	to	Part #	Part #
2.125"	2.4375"	HTBC238	HSTBC238
2.250"	2.5625"	HTBC250	HSTBC250
2.750"	3.0625"	HTBC300	HSTBC300
3.250"	3.5625"	HTBC350	HSTBC350
3.750"	4.0625"	HTBC400	HSTBC400
4.250"	4.5625"	HTBC450	HSTBC450
4.750"	5.0625"	HTBC500	HSTBC500
5.250"	5.5625"	HTBC550	HSTBC550
5.750"	6.0625"	HTBC600	HSTBC600
6.250"	6.5625"	HTBC650	HSTBC650
6.750"	7.0625"	HTBC700	HSTBC700
7.250"	7.5625"	HTBC750	HSTBC750
7.750"	8.0625"	HTBC800	HSTBC800
8.266"	8.562"		HSTBC850
8.646"	8.942"		HSTBC888
8.766"	9.062"		HSTBC900
9.266"	9.562"		HSTBC950
9.766"	10.062"		HSTBC1000
10.646"	10.942"		HSTBC1088
12.646"	12.942"		HSTBC1288



style HTBC





Clamps



Long Bolt T-Bolt Clamps

- 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
- not for use with pneumatic tools



Hose	e OD	300 series Stainless Steel	Optional
from	to	Part #	Qty
2.80"	3.37"	STBC325L	25
3.05"	3.62"	STBC350L	25
3.37"	3.94"	STBC382L	25
3.55"	4.12"	STBC400L	25
3.75"	4.32"	STBC420L 1	25
3.87"	4.44"	STBC432L	25
4.05"	4.62"	STBC450L	25
4.37"	4.94"	STBC482L	25
4.55"	5.12"	STBC500L	25
4.87"	5.44"	STBC532L	25
5.05"	5.62"	STBC550L	25
5.37"	5.94"	STBC582L	25
5.55"	6.12"	STBC600L 1	25
5.87"	6.44"	STBC632L	25
6.05"	6.62"	STBC650L	25
6.30"	6.87"	STBC675L	25
6.53"	7.10"	STBC698L	25
6.55"	7.12"	STBC700L 1	25
6.62"	7.19"	STBC707L	25
8.05"	8.62"	STBC850L	25
8.30"	8.87"	STBC875L	25
8.43"	9.00"	STBC888L	25
8.62"	9.19"	STBC907L	25
10.25"	10.82"	STBC1070L	25
10.43"	11.00"	STBC1088L	25
10.62"	11.19"	STBC1107L ¹	25
10.72"	11.29"	STBC1117L	25
12.20"	12.77"	STBC1265L	25
12.43"	13.00"	STBC1288L	25
12.75"	13.32"	STBC1320L	25
14.20"	14.77"	STBC1465L	25
14.43"	15.00"	STBC1488L	25
14.75"	15.32"	STBC1520L	25
16.20"	16.77"	STBC1665L	25
16.43"	17.00"	STBC1688L	25

¹ stock quantities only

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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.

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Hose OD		Plated Iron	Torque	Optional
from	to	Part #	in ft. lbs.	Qty
1-8/64"	1-12/64"	J48	15	100
1-12/64"	1-24/64"	J49	21	50
1-28/64"	1-34/64"	JX49	21	25
1-40/64"	1-52/64"	DL14	40	25
1-48/64"	2-3/64"	DL20	27	25
2-7/64"	2-19/64"	DL24 ¹	27	25
2-20/64"	2-40/64"	DL321	40	25
2-32/64"	2-48/64"	DL275	40	25
2-48/64"	3-4/64"	DL306	60	20
3-4/64"	3-24/64"	DL328	60	20
3-16/64"	3-32/64"	DL350	60	20



Double Bolt Clamps with Saddles

Hose OD		Plated Iron	Torque	Optional
from	to	Part #	in ft. lbs.	Qty
3-32/64"	3-52/64"	400	40	25
3-50/64"	4-4/64"	431	40	20
4-2/64"	4-18/64"	463	40	20
4-16/64"	4-60/64"	525	60	10
4-32/64"	5-16/64"	550	60	10
5-8/64"	5-44/64"	600	60	10
5-44/64"	5-60/64"	639	60	10
5-60/64"	6-32/64"	675	60	10
6-32/64"	7-36/64"	769	60	10
7-44/64"	8-12/64"	818	125	5
8-16/64"	8-56/64"	875	125	5
8-60/64"	9-56/64"	988	125	5
9-60/64"	11-24/64"	1125	125	5
11-12/64"	13"	1275	125	3
12-12/64"	14"	1360	200	2
13-12/64"	15"	1450	200	2
15-4/64"	17-32/64"	1700	260	2



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¹ investment cast carbon steel



Single Bolt Clamps

- 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.







Hos	e OD	Plated Iron	Torque
from	to	Part #	in ft. lbs.
56/64"	1"	2	6
62/64"	1-8/64"	3	6
1-4/64"	1-12/64"	4	6
1-10/64"	1-16/64"	5	6
1-16/64"	1-24/64"	6	6
1-22/64"	1-28/64"	7	6
1-28/64"	1-36/64"	8	6
1-42/64"	1-48/64"	10	6
1-48/64"	1-56/64"	11	6
1-56/64"	2-2/64"	12	6
2"	2-8/64"	13	12
2-8/64"	2-18/64"	14	12
2-16/64"	2-26/64"	15	12
2-24/64"	2-32/64"	16	12
2-32/64"	2-40/64"	17	12
2-40/64"	2-56/64"	18	12
2-56/64"	3-4/64"	19	12
3-4/64"	3-16/64"	20	12
3-16/64"	3-28/64"	21	12
3-28/64"	3-40/64"	22	21
3-40/64"	3-52/64"	23	21
3-52/64"	4-8/64"	24	21
4-8/64"	4-20/64"	25	21
4-16/64"	4-32/64"	26	21
4-28/64"	4-40/64"	27	21
4-40/64"	4-56/64"	X27	21
4-56/64"	5-16/64"	28	21

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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.

Q

Clockwise

Size	Hose	e OD	Plated Steel, Right Hand	
Size	from	to	Part #	
1½" 2"	1-34/64" 2-18/64"	1-52/64" 2-32/64"	SC150 SC200	
2½"	2-46/64"	3-8/64"	SC250	
3" 4"	3" 4"	3-32/64" 4-32/64"	SC300 SC400	
5"	5-6/64"	5-32/64"	SC500	
6"	6-16/64"	7"	SC600	
8" 10"	8-32/64" 10-40/64"	9-16/64" 11-16/64"	SC800 SC1000	
12"	11-52/64"	12-61/64"	SC1200	



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Counter Clockwise

Size	Hose OD from to		Plated Steel, Left Hand Part #
1½"	1-34/64"	1-52/64"	SCCW150
2"	2-18/64"	2-32/64"	SCCW200
2½"	2-46/64"	3-8/64"	SCCW250
3"	3"	3-32/64"	SCCW300
4"	4"	4-32/64"	SCCW400
5"	5-6/64"	5-32/64"	SCCW500
6"	6-16/64"	7"	SCCW600
8"	8-32/64"	9-16/64"	SCCW800
10"	10-40/64"	11-16/64"	SCCW1000
12"	11-52/64"	12-61/64"	SCCW1200



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neumatic Fittin	Air King™ Global Air King™ Air King™ with ferrule Air King™ with gauge port Air King™ universal swivels Global Air King™ ferrules Air King™ clamps Air King™ accessories Sand Blast Surelock™	285	to 	286 287 287 287 288 288 289 290
	Quick Disconnects 293	to	3	27
	Dix-Lock™ N-Series			
	Dual-Lock™ P-Series			
	Air Chief industrial			
	Dixon® key chain			301
	Air Chief semi-auto			
	Air Chief automatic			
	Parker E-z-mate			304
	Legris automatic safety couplers			
	Air Chief automotive			
	Air Chief ARO interchange			
	Air Chief Lincoln interchange			
	DF-series			
	J-series	316	to	317
	M-series	318	to	319
	CJ-series			320
	SHD-series	32	1,	322
	L-series			322
	U-series			323
	0-361163			
	NK-series			
				324
	NK-series			324 325
	NK-series BR-series A-series	326	 to	324 325 327
	NK-series	326	to	324 325 327 28
	NK-series BR-series A-series	326	to	324 325 327 28
	NK-series	326 to	 to 3	324 325 327 28 29
	NK-series	326 to	3 3	324 325 327 28 29 41 331
	NK-series BR-series A-series Steel 3500 nipples Bent Stem Swivels D.O.T Air Brake 330 D.O.T. push-in fittings Connectors	326 to	3 3	324 325 327 28 29 41 331 330
	NK-series BR-series A-series Steel 3500 nipples Bent Stem Swivels D.O.T Air Brake 330 D.O.T. push-in fittings Connectors Male elbows	326 to	3 3 3	324 325 327 28 29 41 331 330 330
	NK-series BR-series A-series Steel 3500 nipples Bent Stem Swivels D.O.T Air Brake Connectors Male elbows Tees	326 to	3 3 3	324 325 327 28 29 41 331 330 330 331
	NK-series. BR-series. A-series Steel 3500 nipples Bent Stem Swivels. D.O.T Air Brake	326 to 330	3 3 3 	324 325 327 28 29 41 331 330 331 335
	NK-series. BR-series. A-series. Steel 3500 nipples. Bent Stem Swivels. D.O.T Air Brake	326 to 330	3 3 3 to	324 325 327 28 29 41 331 330 331 335 332
	NK-series BR-series A-series Steel 3500 nipples Bent Stem Swivels D.O.T Air Brake 330 D.O.T. push-in fittings Connectors Male elbows Tees Legris D.O.T. push-in fittings Connectors Unions	326 to 330 332	3 3 3 · · · · · · · · · · · · · · · · ·	324 325 327 28 29 41 331 330 331 335 332 333
	NK-series BR-series A-series Steel 3500 nipples Bent Stem Swivels D.O.T Air Brake 330 D.O.T. push-in fittings Connectors Male elbows Tees Legris D.O.T. push-in fittings Connectors Unions Elbows	326 to 330 332	3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	324 325 327 28 29 41 331 330 331 335 332 333 334
	NK-series BR-series A-series Steel 3500 nipples Bent Stem Swivels D.O.T Air Brake 330 D.O.T. push-in fittings Connectors Male elbows Tees Legris D.O.T. push-in fittings Connectors Unions Elbows Reducers	326 to 330 332	3 3 3 · · · · · · · · · · · · · · · · ·	324 325 327 28 29 41 331 330 331 335 332 333 334 334
	NK-series BR-series A-series Steel 3500 nipples Bent Stem Swivels D.O.T Air Brake 330 D.O.T. push-in fittings Connectors Male elbows Tees Legris D.O.T. push-in fittings Connectors Unions Elbows Reducers Tees	326 to 330 332	3 3 3 3 · · · · · · · · · · · · · · · ·	324 325 327 28 29 41 331 330 331 335 332 333 334 334
	NK-series BR-series A-series Steel 3500 nipples Bent Stem Swivels D.O.T Air Brake 330 D.O.T. push-in fittings Connectors Male elbows Tees Legris D.O.T. push-in fittings Connectors. Unions Elbows Reducers Tees Air brake	326 to 330 332 333 334 336	3 3 3 · · · · · · · · · · · · · · · · ·	324 325 327 28 29 41 331 330 331 335 332 333 334 334 335
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AWARNING

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.

Air King™

AWARNING

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.

Features:

- can be used with Air King[™] ferrules
- · supplied with safety clip
- pressure rating: 150 PSI at ambient temperature 70°F (21°C)
- supplied with rubber washers, part # AWR4
- meets pressure requirements as specified in A-A-59553 commercial item description superseding Mil Spec.WWC-633D

2-Lug Hose Ends

Size	<i>Iron</i> Part #	Optional Qty	<i>Bra</i> ss Part #	Optional Qty	316 Stainless Steel Part #
3/8"	AMH 1	25	ABH	25	RAMH
1/2"	AM1	50	AB1 ¹	50	RAM1
5/8"	AM5	50	AB5	50	
3/4"	AM6	50	AB6 ¹	50	RAM6
1"	AM11	50	AB11 ¹	50	RAM11



2-Lug Male NPT Ends

Size	<i>Iron</i> Part #	Optional Qty	<i>Brass</i> Part #	Optional Qty	316 Stainless Steel Part #
1/4"	AMB1	25	ABB1	25	
3/8"	AMB	25	ABB	25	RAMB
1/2"	AM2	50	AB2 ¹	50	RAM2
3/4"	AM7	50	AB7 ¹	50	RAM7
1"	AM12	50	AB12 ¹	50	RAM12



2-Lug Female NPT Ends

Size	<i>Iron</i> Part #	Optional Qty	<i>Bra</i> ss Part #	Optional Qty	316 Stainless Steel Part #
1/4"	AMC1	25	ABC1	25	
3/8"	AMC	25	ABC	25	RAMC
1/2"	AM3	50	AB3 ¹	50	RAM3
3/4"	AM8	50	AB8 ¹	50	RAM8
1"	AM13	50	AB13 ¹	50	RAM13



Air KingTM is for air and water service only Warning: Never use any Air KingTM 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.



¹ global investment cast

Air King™



2-Lug Blank Ends

<i>Iron</i>	Optional	<i>Brass</i>	Optional	316 Stainless Steel
Part #	Qty	Part #	Qty	Part #
AM0	25	AB0 ¹	25	

2-Lug Triple Connections



<i>Iron</i>	Optional	<i>Brass</i>	Optional
Part #	Qty	Part #	Qty
AM10	25	AB10 ¹	25

¹ global investment cast

4-Lug Hose Ends



Size	<i>Iron</i> Part #	<i>Brass</i> Part #	Optional Qty
11/4"	AM16	AB16 ¹	25
11/2"	AM21	AB21 1	25
2"	AM26	AB26	10

item will be discontinued when stock is depleted

4-Lug Female NPT Ends



Size	<i>Iron</i> Part #	<i>Brass</i> Part #	Optional Qty
11/4"	AM18	AB18 ¹	25
1½"	AM23	AB23 ¹	25
2"	AM28	AB28	10

¹ item will be discontinued when stock is depleted

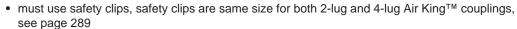
Air King™ is for air and water service only Warning: Never use any Air King™ coupling for steam service! None of Dixon®'s catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.



Global Air King™

Features:

- supplied with safety clip and rubber washers
- pressure rating: 150 PSI at ambient temperature 70°F (21°C)
- use with Boss[™] clamps, see pages 75 to 76
- not to be used for steam service



2-Lu	a H	ose	Fn	ah.
Z-Lu	gii	53 C		uЭ

Size	Plated Steel Part #	Pkg Qty
1/2"	GAM1	25
3/4"	GAM6	50
1"	GAM11	50



2-Lug Male NPT Ends

Size	Plated Steel Part #	Pkg Qty
1/2"	GAM2	25
3/4"	GAM7	50
1"	GAM12	50



2-Lug Female NPT Ends

Size	Plated Steel Part #	Optional Qty
1/2"	GAM3	25
3/4"	GAM8	50
1"	GAM13	50



2-Lug Blank End

Plated Steel Part #	Optional Qty
GAM0	25



2-Lug Triple Connection

Plated Steel	Optional
Part #	Qty
GAM10	25



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™

4-Lug Hose Ends



Size	Plated Steel Part #	Optional Qty
11/4"	GAM16	25
1½"	GAM21	25
2"	GAM26	10

4-Lug Female NPT Ends



Size	Plated Steel Part #	Optional Qty
11/4"	GAM18	25
11/2"	GAM23	25
2"	GAM28	20

F

Air King™ with Ferrule

Features:

- working pressure: 150 PSI at ambient temperature 70°F (21°C)
- · 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 go to dixonvalve.com
- · for air and water service only

Size	Hose OD		Iron	316 Stainless Steel	
Size	From	То	Part #	Part #	
1/2"	54/64"	1-2/64"	AM1WF	RAM1WF	
3/4"	1-4/64"	1-22/64"	AM6WF	RAM6WF	
1"	1-18/64"	1-34/64"	AM11WF-1		
1"	1-30/64"	1-46/64"	AM11WF		
2"	2-28/64"	2-40/64"	AM26WF MEN		



Air King™ with Gauge Port

Features:

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

Size	<i>Iron</i> Part #	316 Stainless Steel Part #	
3/"	AM7T	RAM7T	



Air King™ Couplings

Swivel Hose End

Features:

- working pressure: 150 PSI at ambient temperature 70°F (21°C)
- 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

Size	<i>Iron</i> Part #
3/4"	AM6SWIV



Swivel Male NPT Ends

Size	<i>Iron</i> Part #
1/2"	AM2SWIV
3/4"	AM7SWIV



Swivel Female NPT End

Size	Iron Part #
3/4"	AM8SWIV



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:

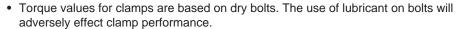
- low profile streamline appearance with maximum retention
- lightweight
- can be crimped
- designed for use with global Air King™ fittings on pages 283 to 284
- reference dixonvalve.com for crimp recommendations and ferrule OD ranges



Size	Ferrule ID	Plated Steel Part #
1/2"	0.906" CCF0906	
	1.120"	CCF1120
	1.149"	CCF1149
3/4"	1.190"	CCF1190
	1.218"	CCF1218
	1.246"	CCF1246
	1.438"	CCF1438
1"	1.469"	CCF1469
ı	1.500"	CCF1500
	1.531"	CCF1531

Air King™ Clamps

Features:



• for use with Air King™ ends on page 283 to 284





	Hose	Hose	OD	Plated Iron	Lorque	Optional
	ID	from	to	Part #	ft. lbs.	Qty
ľ	1/2"	1"	1-12/64"	A4	6	50
	3/4"	1-8/64"	1-20/64"	A9 ²	21	50
	1"	1-20/64"	1-32/64"	A10 1, 2	21	50
	1"	1-32/64"	1-52/64"	A14	21	50

¹ can be used with AM6 and AM11

² global investment cast carbon steel

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
- · sold in package quantities only

Standard Safety Clip

Feature:

• same size clip can be used for all coupling sizes

Wire Diameter	Part #	Pkg Qty
.080	AC1	25



Safety Pins

Feature:

heavy duty, oversized

Wire Diameter	Part #
.058	AKSP1
.091	AKSP25



Synthetic Lanyard

Features:

- · synthetic cord
- · same size for all coupling sizes

Part #	Pkg Qty
ACL8	25



2-Lug Washers

Features:

- 2 lug couplings use the same size washer, part #'s AWR4, AWS6
- rubber temperature range: -20°F to 160°F (-29°C to 71°C)
- neoprene temperature range: -20°F to 190°F (-29°C to 88°C)
- neoprene is oil resistant

Material	Style	Part #	Pkg Qty
rubber	2 lug	AWR4 ¹	50
neoprene	2 lug	AWS6	50





AWR4



AWS6



4-Lug Washer

Features:

- rubber temperature range: -20°F to 160°F (-29°C to 71°C)
- 4 lug couplings use the same size washer, part # AWR14

Material	Style	Part #
rubber	4 lug	AWR14







Sand Blast Couplings

Features:

- · designed for use on sand blast hose
- supplied with screws
- nozzle holders have 11/4" NPSM thread
- pressure: 110 PSI at ambient temperature 70°F (21°C)
- abrasive blasting equipment must have hose safety cables (page 362) or hose coupling safety locks installed to read safety clips

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

Hose Ends



	Hose Size	Hose OD	<i>Brass</i> Part #	<i>Aluminum</i> Part #
•	³ / ₄ "	1-1/2"	BSB75	ASB75
	1"	1-7/8"	BSB100	ASB100
	1 ¹ / ₄ "	2-5/32"	BSB125	ASB125
	1 ¹ / ₂ "	2-3/8"	BSB150	ASB150

Nozzle Holders



Hose Size	Hose OD	<i>Brass</i> Part #	<i>Aluminum</i> Part #
3/4"	1-1/2"	BNH75	ANH75
1"	1-7/8"	BNH100	ANH100
11/4"	2-5/32"	BNH125	ANH125
11/2"	2-3/8"	BNH150	ANH150

Female Threaded Ends



Hose Size	<i>Brass</i> Part #	<i>Aluminum</i> Part #
11/4"	BSC125	ASC125
1½"	BSC150	ASC150

· does not include screws

Replacement Parts



black nitrile



urethane

Description	Part #
black nitrile replacement gasket urethane replacement gasket replacement screws for sand blast couplings (sold in package quantity of 8 only)	SBG USBG SBCS

Surelock™ 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 (21°C)
- 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#	Optional Qty
	3/8"	SL038H	50
om all	1/2"	SL050H	50
small	3/4"	SL075H	50
	1"	SL100H	50
madium	1½"	SL150H	15
medium	2"	SL200H	10



Male NPT Ends

Head	Size	Part#	Optional Qty
	3/8"	SL038M	50
	1/2"	SL050M	50
small	3/4"	SL075M	50
	1"	SL100M	50
an a divuna	11/2"	SL150M	15
medium	2"	SL200M	15



Female NPT Ends

Head	Size	Part#	Optional Qty
	3/8"	SL038F	50
	1/2"	SL050F	50
small	3/4"	SL075F	50
	1"	SL100F	50
an a divina	1½"	SL150F	15
medium	2"	SL200F	15



Hose End 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, visit dixonvalve.com 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 (21°C)
- · for air and water service only



	0:	Hos	se OD	Dort #
Head	Size	From	То	Part #
	1/2"	1/2"	1-1/32"	SL050CR
small	3/4"	3/4"	1-11/32"	SL075CR
	1"	1"	1-23/32"	SL100CR



F

Surelock™ Couplings

Blank Ends



small blank end



medium blank end 1

Head	Size	Part #	Optional Qty
small	½" to 1"	SL00	15
medium	1½" to 2"	SL01	3

¹ medium blank end comes with 1" NPT pipe plug

Three Way Connectors



small three way connector



medium three way connector 1

Head	Size	Part #	Optional Qty
small	½" to 1"	SL09	15
medium	1½" to 2"	SL10	3

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

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.

	A	
1	V	
4	н	

Part #	Optional Qty
SLP1	25

Replacement Seals



medium

Head	Size	Part #
small	½" to 1"	SLR1
medium	1½" to 2"	SLR2
	-	

Dix-Lock™ N-Series Interchange Pneumatic Couplings

Features:

- temperature range: -40°F to 250°F (-40°C to 121°C)
- pressure rating: 300 PSI in brass, 500 PSI in steel and 303 stainless steel at ambient temperature 70°C (21°C)
- Bowes Interchange Bayonet Style
- Interchangeable with Bowes 51000-Series, National Series 'B', MacDonald Quick-Action, Campbell Single-Lock
- conforms to MIL-C-3486 and A-A-50431A standards

It is important to be safe when installing quick disconnect couplings into a pneumatic circuit. Never install a pneumatic coupling directly into an air tool, use a piece of hose that is at least 18" long, between the tool and the coupling, to prevent damage to the coupling. To protect the operator, safety devices, such as a safety check valve and safety cable should be installed in case there is a hose or coupling failure. For safety cables and check valves see pages 362 and 556.

Female Head x Female Threaded End Couplers

Body Size	Threads	<i>Bi</i> Previous Part #	ass Part #	Ste Previous Part #		303 Stain Previous Part #	less Steel Part #	316 Stainless Steel Part #
	%"-18 NPTF	QB101	4NF3-B	QM101	4NF3			
	%"-19 BSPP				4NBF3			
	1/2"-14 NPTF	QB102	4NF4-B	QM102	4NF4			
1/2"	1/2"-14 BSPP		4NBF4-B		4NBF4			
/2	3/4"-14 NPTF	QB103	4NF6-B	QM103	4NF6	QSS103	4NF6-S	4NF6-SS
	3/4"-14 BSPP		4NBF6-B		4NBF6			
	1"-11½ NPTF	QB105	4NF8-B	QM105	4NF8			4NF8-SSNEW
	1"-11 BSPP		4NBF8-B		4NBF8			





steel



303/316 stainless

Male Head x Female Threaded End Plugs

Body		Br	ass	Ste	eel	303 Stair	nless Steel	316 Stainless Steel
Size	i inraade	Previous Part #	Part #	Previous Part #	Part #	Previous Part #	Part #	Part #
	%"-18 NPTF	QB81	N4F3-B	QM81	N4F3			
	%"-19 BSPP				N4BF3			
	1/2"-14 NPTF	QB82	N4F4-B	QM82	N4F4			
1/2"	1/2"-14 BSPP		N4BF4-B		N4BF4			SIEM
/2	3/4"-14 NPTF	QB83	N4F6-B	QM83	N4F6	QSS83	N4F6-S	N4F6-SSNEW
	3/4"-14 BSPP		N4BF6-B		N4BF6			
	1"-11½ NPTF	QB85	N4F8-B	QM85	N4F8			N4F8-SSNEW
	1"-11 BSPP		N4BF8-B		N4BF8			





steel



303/316 stainless

Male Head x Female Threaded End Safety Lock Plugs

Body Size	Threads	<i>Brass</i> Part #
1/2"	½" - 14 NPTF ¾" - 14 NPTF	N4F4-B-LS N4F6-B-LS





Dix-Lock™

N-Series Interchange Pneumatic Couplings

Female Head x Male Threaded End Couplers







303/316 stainless

Body	,	В	rass	St	eel	303 Stail	nless Steel	316 Stainless Steel
Size	I Inreads	Previous	Part #	Previous	Part #	Previous	Part #	Part #
0126		Part #	Fail#	Part #	rail#	Part #	rail#	r are n
3/8"	½" - 14 NPTF			QM60	3NM4			
78	1/2" - 14 BSPT				3NBM4			
	%" - 18 NPTF	QB61	4NM3-B	QM61	4NM3			
	%" - 19 BSPT				4NBM3			
	½" - 14 NPTF	QB62	4NM4-B	QM62	4NM4			
1/2"	1/2" - 14 BSPT		4NBM4-B		4NBM4		(IEAA
/2	34" - 14 NPTF	QB63	4NM6-B	QM63	4NM6	QSS63	4NM6-S ^V	4NM6-SS
	34" - 14 BSPT		4NBM6-B		4NBM6			
	1" -11½ NPTF	QB65	4NM8-B	QM65	4NM8			4NM8-SS
	1" - 11 BSPT		4NBM8-B		4NBM8			

Male Head x Male Threaded End Plugs







303/316 stainless

Body		ı	rass	Ste	eel	303 Stail	nless Steel	316 Stainless Steel
Size	i inraane	Previous Part #	Part #	Previous Part #	Part #	Previous Part #	Part #	Part #
3/8"	½"-14 NPTF				N3M4			
/8	½"-14 BSPT				N3BM4			
	%"-18 NPTF	QB41	N4M3-B	QM41	N4M3			
	%"-19 BSPT		 		N4BM3			
	½"-14 NPTF	QB42	N4M4-B	QM42	N4M4			
1/2"	½"-14 BSPT		N4BM4-B		N4BM4			EW
/2	3/4"-14 NPTF	QB43	N4M6-B	QM43	N4M6	QSS43	N4M6-S	N4M6-SS
	34"-14 BSPT		N4BM6-B		N4BM6			EW
	1"-11½ NPTF	QB45	N4M8-B	QM45	N4M8			N4M8-SS
	1"-11 BSPT		N4BM8-B		N4BM8			

Male Head x Male Threaded Safety Lock End Plugs







303 stainless

Body	,		Brass		Steel	303 Stainless Steel
Size		Previous Part #	Part #	Previous Part #	Part #	Part #
'	½"-14 NPTF	QB66	N4M4-B-LS	QM66	N4M4-LS	
1/2"	1/2"-14 BSPT				N4BM4-LS	
/2	3/4"-14 NPTF	QB88	N4M6-B-LS	QM88	N4M6-LS	N4M6-S-LS
	3/4"-14 BSPT				N4BM6-LS	

Female Head x Standard Hose Barb Couplers







Body Hass ID		Brass		Steel		303 Stain	less Steel	316 Stainless Steel
Size	Hose ID	Previous	Part #	Previous	Part#	Previous	Part #	Part #
0120	Part #	i ait ii	Part #	I alt "	Part #	i dit ii	l are "	
3/8"	1/2"			QM20	3NCS4			
	3/8"	QB21	4NS3-B	QM21	4NS3			
1/2"	1/2"	QB22	4NS4-B	QM22	4NS4			
/2	3/4"	QB23	4NS6-B	QM23	4NS6	QSS23	4NS6-S	4NS6-SS
	1"	QB25	4NS8-B	QM25	4NS8		4NS8-S	4NS8-SS

Pneumatic Fittings

Dix-Lock™ N-Series Interchange Pneumatic Couplings

Male End x Hose Barb Plugs

Body Hose ID		Brass		Steel		303 Stair	less Steel	316 Stainless Steel
Size	Hose ID	Previous Part #	Part #	Previous Part #	Part #	Previous Part #	Part #	Part #
3/8"	1/2"				N3CS4			
	3/8"	QB2	N4S3-B	QM2	N4S3			
1/11	1/2"	QB3	N4S4-B	QM3	N4S4			
1/2"	3/4"	QB4	N4S6-B	QM4	N4S6	QSS4	N4S6-S	N4S6-SS
	1"	QB5	N4S8-B	QM5	N4S8		N4S8-S	N4S8-SS





303/316 stainless

Male End x Hose Barb Safety Lock Plugs

Body			Brass		Steel	303 Stainless Steel
Size	Hose ID	Previous Part #	Part #	Previous Part #	Part #	Part #
1/2"	1/2"	QB33	N4S4-B-LS	QM33	N4S4-LS	
/2	3/4"	QB44	N4S6-B-LS	QM44	N4S6-LS	N4S6-S-LS



303 stainless

Gender Change Union

Body		Steel				
Size	Configuration	Previous Part #	Part #			
1/2"	coupler to coupler	QM0	4N4N			



Caps

Body			Brass	Steel	
Size	Cap Lanyard	Previous Part #	Part #	Previous Part #	Part #
1/2"	steel cable	QBCAP	N4DC-B	QMCAP	N4DC



Seals

Body			Nitrile	FKM	
Size	' I Counter Style I Previous		Part #	Part #	
3/8"	all	QBM1	3N-SKIT		
1/2"	all	QBM2	4N-SKIT	F-4N-SKIT	



F



Dix-Lock™ N-Series Interchange Pneumatic Coupler with Ferrule

Features:

- working pressure: 300 PSI at ambient temperature 70°F (21°C)
- for crimp recommendations visit dixonvalve.com
- also available in stainless steel, contact Dixon® for further information

Materials:

- machined components are manufactured using solid steel, brass, or 303 stainless steel bar
- stainless steel retaining ring and spring maximize corrosion resistance and extend service life
- steel componentry is plated using ROHS Compliant Trivalent Chrome

Interchange Data:

- · Bowes Interchange Bayonet Style
- interchangeable with Bowes 51000-Series, National Series 'B', MacDonald Quick-Action, Campbell Single-Lock

Seal Components:

 Nitrile (Buna-N) pneumatically energized seals are standard, temperature range -40°F to 250°F (-40°C to 121°C)

Female Head with Ferrule



Body	Hose	Hose	e OD	DD Plated Steel			Brass
Size	ID	From:	To:	Previous Part #	Part #	Previous Part #	Part #
1/"	1/2"	54/64"	1-2/64"	QM22WF	4NS4-WF	QB22WF	4NS4-B-WF
1/2"	3/4"	1-10/64"	1-22/64"	QM23WF	4NS6-WF	QB23WF	4NS6-B-WF

Male Head with Ferrule



Body	Hose	Hose	e OD	Plated Steel				Brass
Size	ID	From:	To:	Previous Part #	Part #	Previous Part #	Part #	
1/2"	1/2"	54/64"	1-2/64"	QM3WF	N4S4-WF	QB3WF	N4S4-B-WF	
/2	3/4"	1-10/64"	1-22/64"	QM4WF	N4S6-WF	QB4WF	N4S6-B-WF	

Male Locking Head with Ferrule



Body	Hose	Hose	e OD	Plated Steel			Brass
Size	ID	From:	То:	Previous Part #	Part #	Previous Part #	Part #
1/2"	1/2"	54/64"	1-2/64"	QM33WF	N4S4-LS-WF	QB33WF	N4S4-B-LS-WF
/2	3/4"	1-10/64"	1-22/64"	QM44WF	N4S6-LS-WF	QB44WF	N4S6-B-LS-WF

Dual-Lock™ P-Series Pneumatic Couplings

Features:

Body

Size

1/2"

Threads

½" - 14 NPTF

- 14 NPTF

- interchanges with National A type, Campbell Double-Lock and Thor PHC series couplings
- · spring loaded interlocking engagement
- optional locking key prevents sleeve retraction
- working pressure: 300 PSI at ambient temperature 70°F (21°C)

Brass

Part #

4PF6-B

• Nitrile (Buna-N) seals are standard temperature range -40°F to 250°F (-40°C to 121°C)

Previous

Part #

PFL12

PFL8

Steel

Part #

4PF4

4PF6

• steel componentry is plated using ROHS compliant trivalent chrome

Female Thread Couplers

303 Stainless Steel

Part #

4PF6-S

Previous

Part #

PFL12SS



	Total Sales
A	4
V	11-17





303 stainless

Female Thread Plugs

Body	ody		Brass		Steel		303 Stainless Steel	
Size	Threads	Previous Part #	Part #	Previous Part #	Part #	Previous Part #	Part #	
	3/4"-18 NPTF			PF6	P4F3			
	1/2"-14 NPTF	PFB8	P4F4-B	PF8	P4F4			
1/2"	34"-14 NPTF	PFB12	P4F6-B	PF12	P4F6	PF12SS	P4F6-S	
	34"-14 NPTF				P4F6-91			
	11"-111% NPTF	l PFB16 l	P4F8-B	PF16	P4F8			

steel/PTFE coating





steel



303 stainless

Male Thread Couplers

Body			Steel	303 Stainless Steel		
Size	Threads	Previous Part #	Part #	Previous Part #	Part #	
	%"-18 NPTF	PML6	4PM3			
	½"-14 NPTF	PML8	4PM4			
1/2"	3/4"-14 NPTF	PML12	4PM6	PML12SS	4PM6-S	
	3/4"-14 NPTF		4PM6-9 1			
	1"-11½ NPTF		4PM8			

¹ steel/PTFE coating



steel



303 stainless

Dual-Lock™ P-Series Pneumatic Couplings

Male Thread Plugs









303 stainless

	1	· · · · ·					
Body	,		Brass		Steel	<i>303</i> S	tainless Steel
Size		Previous Part #	Part #	Previous Part #	Part #	Previous Part #	Part #
	3/8"-18 NPTF			PM6	P4M3		
	1/2"-14 NPTF	PMB8	P4M4-B	PM8	P4M4		
1/2"	3/4"-14 NPTF	PMB12	P4M6-B	PM12	P4M6	PM12SS	P4M6-S
	3/4"-14 NPTF			l	P4M6-91		
	11"-111% NPTF	PMB16	P4M8-B	PM16	P4M8		

¹ steel/PTFE coating

Hose Barb Couplers



brass



steel



303 stainless

Body		Brass			Steel		303 Stainless Steel	
Size	Hose ID	Previous Part #	Part #	Previous Part #	Part #	Previous Part #	Part #	
	3/8"			PHL6	4PS3			
	1/2"		4PS4-B	PHL8	4PS4			
1/2"	3/4"	PHLB12	4PS6-B	PHL12	4PS6	PHL12SS	4PS6-S	
	3/4"			 	4PS6-9 1			
	1"	PHI B16	4PS8-B	PHI 16	4PS8			

¹ steel/PTFE coating

Hose Barb Coupler with Knurled Flanged Sleeves

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



		Triva	lent Chrome Plated Steel
Body Size	Hose ID	Previous Part #	Part #
1/2"	3/8" 1/1" 1/2 3/4"	PHL6FS PHL8FS PHL12FS	4PS3-FS 4PS4-FS 4PS6-FS

Male Thread Coupler with Knurled Flanged Sleeves



		Triva	lent Chrome Plated Steel
Body Size	Threads	Previous Part #	Part #
1/2"	%"-18 NPTF ½"-14 NPTF ¾"-14 NPTF	PML6FS PML8FS PML12FS	4PM3-FS 4PM4-FS 4PM6-FS

Female Thread Couplers with Knurled Flanged Sleeves



			Triva	lent Chrome Plated Steel
Body S	Size	Threads	Previous Part #	Part #
1/2"		½"-14 NPTF ¾"-14 NPTF	PFL8FS PFL12FS	4PF4-FS 4PF6-FS

Dual-Lock™ P-Series Pneumatic Couplings

Couplers with Ferrule

Features:

- working pressure: 300 PSI at ambient temperature 70°F (21°C)
- for crimp recommendations see dixonvalve.com
- 3/4" and 1" sizes available upon request, contact Dixon®

Materials:

- machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock
- stainless steel retaining ring and spring maximize corrosion resistance and extend service life
- steel componentry is plated using ROHS Compliant Trivalent Chrome
- steel couplings have a zinc cast sleeve

Interchange Data:

- Thor Finger-Lock Interchange
- Interchanges with Thor PHC-Series, National Series 'A', and Campbell Double-Lock

Seal Components:

• Nitrile (Buna-N) seals standard, temperature range -40°F to 250°F (-40°C to 121°C)

Body	Hose	Hose	e OD	Trivale	ent Chrome Plated Steel
Size	ID	From:	To:	Previous Part #	Part #
1/2"	1/2" 3/4"	54/64" 1-10/64"	1-2/64" 1-22/64"	PHL8WF PHL12WF	4PS4-WF 4PS6-WF

Dual-Lock™ P-Series Pneumatic Couplings

Replacement Seals

Body	Coupler	Nitrile		FKM
Size	Style	Part #	Previous Part #	Part #
1/2"	all	4P-SKIT	452963	F-4P-SKIT



Locking Key

Body	Coupler		Steel
Size	Style	Previous Part #	Part #
1/2"	all	855231	4P-CLIP

· fits couplings with locking sleeve





Air Chief Industrial Interchange Couplings

Features:

- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 121°C)
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only



Female Threaded Plugs



Body Size	Female NPT	Flow Rating at 100 PSI	Steel Part #
	1/8"	37 CFM	DCP2021
1/4"	1/4"	37 CFM	DCP20
	3/8"	37 CFM	DCP2023
	1/4"	70 CFM	DCP2622
3/8"	3/8"	70 CFM	DCP26
	1/2"	70 CFM	DCP2624
	3/8"	150 CFM	DCP1823
1/2"	1/2"	150 CFM	DCP18
	3/4"	150 CFM	DCP1826
	1/2"	200 CFM	DCP7024
3/4"	3/4"	200 CFM	DCP7026
	1"	200 CFM	DCP7028

Male Threaded Plugs



Body Size	Male NPT	Flow Rating at 100 PSI	Steel Part #
	1/8"	37 CFM	DCP2101
1/4"	1/4"	37 CFM	DCP21
	3/8"	37 CFM	DCP2103
	1/4"	70 CFM	DCP2502
3/8"	3/8"	70 CFM	DCP25
	1/2"	70 CFM	DCP2504
	3/8"	150 CFM	DCP1703
1/2"	1/2"	150 CFM	DCP17
	3/4"	150 CFM	DCP1706
	1/2"	200 CFM	DCP7104
3/4"	3/4"	200 CFM	DCP7106
	1"	200 CFM	DCP7108

Air Chief Industrial Interchange Couplings

Features:

- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 121°C)
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only



Standard Hose Barb Plugs

Body Size	Hose ID	Flow Rating at 100 PSI	<i>Steel</i> Part #
1/4"	5/16"	37 CFM	DCP2143
	3/8"	37 CFM	DCP2144
3/8"	1/2"	70 CFM	DCP2545
1/2"	3/4"	150 CFM	DCP1746
	1/2"	200 CFM	DCP7145
3/4"	3/4"	200 CFM	DCP7146
	1"	200 CFM	DCP7148



Push-On Hose Barb Plugs

Body	Hose ID	Flow Rating	<i>Steel</i>
Size		at 100 PSI	Part #
1/4"	3/8"	37 CFM	DCP2144L
3/8"	1/4"	70 CFM	DCP2542L





Ball Swivel Plug

Features:

- · threaded portion is brass
- plug and nut portion is nickel-plated hardened steel
- pressure rating: 250 PSI

Body Size	Male NPT	Part #
1/4"	1/4"	DCP21SWIV



Dixon® Keychain

Feature:

· halves separate like a coupler and plug





DKC1



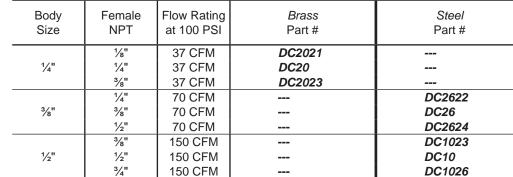
Air Chief Industrial Interchange Couplings

- · couplers shut-off when disconnected
- couplers are semi-automatic
- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 121°C)
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only



Semi-Automatic

Female Threaded Couplers





Male Threaded Couplers

Body Size	Male NPT	Flow Rating at 100 PSI	<i>Brass</i> Part #	<i>Steel</i> Part #
	1/8"	37 CFM	DC2101	
1/4"	1/4"	37 CFM	DC21	
	3/8"	37 CFM	DC2103	
	1/4"	70 CFM		DC2502
3/8"	3/8"	70 CFM		DC25
	1/2"	70 CFM		DC2504
	3/8"	150 CFM		DC903
1/2"	1/2"	150 CFM		DC9
	3/4"	150 CFM		DC906



Standard Hose Barb Couplers

Body Size	Hose ID	Flow Rating at 100 PSI	<i>Brass</i> Part #	Steel Part #
	1/4"	37 CFM	DC2042	
1/4"	5/16"	37 CFM	DC2043	
	3/8"	37 CFM	DC2044	
3/8"	3/8"	70 CFM		DC2644
78	1/2"	70 CFM		DC2645
	3/8"	150 CFM		DC1044
1/2"	1/2"	150 CFM		DC1045
	3/4"	150 CFM		DC1046



Push-On Hose Barb Couplers



Body Size	Hose ID	Flow Rating at 100 PSI	<i>Brass</i> Part #	Steel Part #
1/4"	1/4"	37 CFM	DC2042L	
74	3/8"	37 CFM	DC2044L	
3/8"	1/4"	70 CFM		DC2642L
78	3/8"	70 CFM		DC2644L

Pneumatic Fittings

Air Chief Industrial Interchange Couplings

Features:

- · couplers shut-off when disconnected
- couplers are automatic
- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 121°C)
- interchanges with many other manufacturer's designs
- interchanges with MIL Spec. MIL-C-4109F/A-A-59439
- for air service only



Automatic

Female Threaded Couplers

Body	Female	Flow Rating	<i>Brass</i>
Size	NPT	at 100 PSI	Part #
3/4"	1/2"	200 CFM	DC7024
	3/4"	200 CFM	DC7026
	1"	200 CFM	DC7028



Male Threaded Couplers

Body	Male	Flow Rating	<i>Brass</i>
Size	NPT	at 100 PSI	Part #
3/1"	½"	200 CFM	DC7104
	3/4"	200 CFM	DC7106
	1"	200 CFM	DC7108



Standard Hose Barb Couplers

Body	Hose	Flow Rating	<i>Bra</i> ss
Size	ID	at 100 PSI	Part #
3/4"	1/2"	200 CFM	DC7045
	3/4"	200 CFM	DC7046
	1"	200 CFM	DC7048



Parker E-z-mate Industrial Couplings

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 (-40°C to 121°C)
- meets ISO 4414 requirements for a controlled pressure release system
- · not recommended for vacuum service



Female Threaded Couplers



Body Size	Female NPT	Flow Rating at 100 PSI	Steel Part #
1/4"	1/4"-18	37 CFM	DC20SE
/4	3⁄8"-18	37 CFM	DC2023SE
3/8"	3⁄8"-18	70 CFM	DC26SE
/8	1/2"-14	70 CFM	DC2624SE
1/2"	1/2"-14	150 CFM	DC10SE
/2	3/4"-14	150 CFM	DC1026SE
3/4"	3/4"-14	200 CFM	DC7026SE
/4	1"-11-1/2	200 CFM	DC7028SE

Male Threaded Couplers



Body Size	Male NPT	Flow Rating at 100 PSI	Steel Part #
1/4"	1⁄4"-18	37 CFM	DC21SE
/4	3⁄8"-18	37 CFM	DC2103SE
3/8"	3⁄8"-18	70 CFM	DC25SE
1/2"	1/2"-14	150 CFM	DC9SE
3/4"	³ / ₄ "-14	200 CFM	DC7106SE

Standard Hose Barb Couplers



Body Size	Hose ID	Flow Rating at 100 PSI	Steel Part #
1/!!	1/4"	37 CFM	DC2042SE
1/4"	3/8"	37 CFM	DC2044SE
3/8"	3/8"	70 CFM	DC2644SE
1/3"	1/2"	150 CFM	DC1045SE

Push-Lock Hose Barb Couplers



Body	Hose ID	Flow Rating	Steel
Size		at 100 PSI	Part #
1/4"	1/4"	37 CFM	DC2042LSE
	3/8"	37 CFM	DC2044LSE
3/8"	3/8"	70 CFM	DC2644LSE
1/2"	1/2"	150 CFM	DC1045LSE

Legris 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 (-40°C to 121°C)
- 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







2. disconnects

Female Threaded Automatic Couplers

Body Size	NPT Size	Part #
1/4"	1/4" 3/8"	9415U0614 9415U0618



Male Threaded Automatic Couplers

Body Size	NPT Size	Part #
1/4"	1/4" 3/8"	9405U0614 9405U0618





Air Chief Automotive Interchange Couplings

Features:

- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 121°C)
- couplers are semi-automatic
- 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

Semi-Automatic

Female Threaded Plugs



Body Size	Female NPT	Flow Rating at 100 PSI	Steel Part #
	1/8"	37 CFM	DCP221
1/4"	1/4"	37 CFM	DCP2
	3/8"	37 CFM	DCP223
	1/4"	70 CFM	DCP8
3/8"	3/8"	70 CFM	DCP6
	1/2"	70 CFM	DCP624

Male Threaded Plugs





Body Size	Male NPT	Flow Rating at 100 PSI	Steel Part #
1711	1/8"	37 CFM	DCP101
1/4"	1/4"	37 CFM	DCP1
	3/8"	37 CFM	DCP103
3/8"	1/4"	70 CFM	DCP7
/8	3/8"	70 CFM	DCP5

Standard Hose Barb Plugs



Body Size	Hose ID	Flow Rating at 100 PSI	Steel Part #
1/1	1/4"	37 CFM	DCP142
1/4"	3/8"	37 CFM	DCP144
3/8"	3/8"	37 CFM	DCP544

Push-On Hose Barb Plugs



Body Size	Hose ID	Flow Rating at 100 PSI	Steel Part #
1/4"	1/4"	37 CFM	DCP142L
/4	3/8"	37 CFM	DCP144L
3/8"	3/8"	70 CFM	DCP544L

F

Air Chief Automotive Interchange Couplings

Features:

- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 121°C)
- couplers are semi-automatic
- 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

Semi-Automatic

Female Threaded Couplers

Body Size	Female NPT	Flow Rating at 100 PSI	<i>Brass</i> Part #	Steel Part #
	1/8"	37 CFM	DC221	
1/4"	1/4"	37 CFM	DC2	
	3/8"	37 CFM	DC223	
	1/4"	70 CFM		DC8
3/8"	3/8"	70 CFM		DC6
	1/2"	70 CFM		DC624



Male Threaded Couplers

Body Size	Male NPT	Flow Rating at 100 PSI	<i>Brass</i> Part #	<i>Steel</i> Part #
1/4"	1/8" 1/4"	37 CFM 37 CFM	DC101 DC1	
	3/8"	37 CFM	DC103	
	1/4"	70 CFM		DC7
3/8"	3/8"	70 CFM		DC5
	1/2"	70 CFM		DC504



Standard Hose Barb Couplers

Body Size	Hose ID	Flow Rating at 100 PSI	<i>Brass</i> Part #	<i>Steel</i> Part #
1/4"	1/4"	37 CFM	DC242	
/4	3/8"	37 CFM	DC244	
3/8"	3/8"	70 CFM		DC644
/8	1/2"	70 CFM		DC645

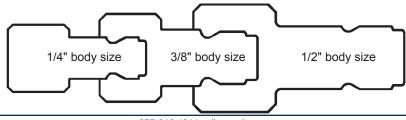


Push-On Hose Barb Couplers

Body Size	Hose ID	Flow Rating at 100 PSI	<i>Brass</i> Part #	<i>Steel</i> Part #
1/4"	1/4"	37 CFM	DC242L	
/4	3/8"	37 CFM	DC244L	
3/8"	3/8"	70 CFM		DC644L



Air Chief Automotive Actual Size Profile Charts





Pneumatic Fittings

Air Chief ARO Speed Interchange Couplings

- pressure rating: 300 PSI at ambient temperature 70°F (21°C)
- interchanges with ARO 210 and 310 designs
- couplers shut-off when disconnected

Female Threaded Plugs



Body Size	Female NPT	Flow Rating at 100 PSI	Steel Part #
1/4"	1/4"	37 CFM	DCP38
/4	3/8"	37 CFM	DCP3823
3/8"	3/8"	70 CFM	DCP36

Male ThreadedPlugs



Body	Male NPT	Flow Rating	Steel
Size		at 100 PSI	Part #
1/4"	1/4"	37 CFM	DCP37
/4	3/8"	37 CFM	DCP3703
3/8"	3/8"	70 CFM	DCP35

Standard Hose Barb



Body	Hose ID	Flow Rating	Steel
Size		at 100 PSI	Part #
1/4"	1/4"	37 CFM	DCP3742

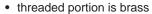
Push-On Hose Barb



Body	Hose ID	Flow Rating	Steel
Size	11026 10	at 100 PSI	Part #
1/"	1/4"	37 CFM	DCP3742L
1/4"	3/8"	37 CFM	DCP3744L

Ball Swivel Plug

Features:







Body Size	Male NPT	Part #
1/4"	1/4"	DCP37SWIV

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Air Chief ARO Speed Interchange Couplings

Semi-Auto Female Threaded Couplers

Body	Hose ID	Flow Rating	Brass	Steel
Size	I lose ib	at 100 PSI	Part #	Part #
1/11	1/4"	37 CFM	DC38	
1/4"	3/8"	37 CFM	DC3823	
3/8"	3/8"	70 CFM		DC36



Semi-Auto Male Threaded Couplers

Body Size	Hose ID	Flow Rating at 100 PSI	<i>Brass</i> Part #	<i>Steel</i> Part #
1/"	1/4"	37 CFM	DC37	
1/4"	3/8"	37 CFM	DC3703	
3/8"	3/8"	70 CFM		DC35



Semi-Auto Standard Hose Barb Couplers

Body	Hose ID	Flow Rating	<i>Steel</i>
Size		at 100 PSI	Part #
1/4"	1/4"	37 CFM	DC3842
	3/8"	37 CFM	DC3844

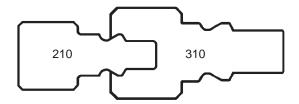


Semi-Auto Push-On Hose Barb Couplers

Body Size	Hose ID	Flow Rating at 100 PSI	<i>Brass</i> Part #
1/4"	1/4"	37 CFM	DC3842L
	3/8"	37 CFM	DC3844L



Air Chief ARO Actual Size Profile Charts



Pneumatic Fittings

Air Chief Lincoln Interchange Couplings

- interchangeable with the Lincoln Interchange long stem series
- pressure rating: 300 PSI at ambient temperature 70°F (21°C)
- couplers shut-off when disconnected
- couplers are semi-automatic

Female Threaded Plug



Body Size	Female NPT	Flow Rating at 100 PSI	Steel Part #
1/4"	1/4"	37 CFM	DCP28

Male Threaded Plug



Body Size	Male NPT	Flow Rating at 100 PSI	Steel Part #
1/4"	1/4"	37 CFM	DCP27

Female Threaded Coupler



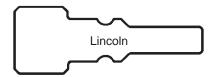
Body	Female NPT	Flow Rating	<i>Brass</i>
Size		at 100 PSI	Part #
1/4"	1/4"	37 CFM	DC28

Male Threaded Coupler



Body	Female NPT	Flow Rating	<i>Brass</i>
Size		at 100 PSI	Part #
1/4"	1/4"	37 CFM	DC27

Air Chief Lincoln Actual Size Profile Chart





Ε

DF-Series Industrial Pneumatic Couplings

Features:

- pressure ratings: brass coupler / steel plug: 500 PSI, brass coupler / brass plug: 300 PSI, steel coupler / steel plug: 500 PSI, 303 stainless steel coupler / 303 stainless steel plug:
- temperature range: -40°F to 250°F (-40°C to 121°C)
- interchanges with other Industrial Interchange designs
- interchanges with the MIL-C-4109, A-A 59439, and ISO6150B standards

It is important to be safe when installing quick disconnect couplings into a pneumatic circuit. Never install a pneumatic coupling directly into an air tool, use a piece of hose that is at least 18" long, between the tool and the coupling, to prevent damage to the coupling. To protect the operator, safety devices, such as a safety check valve and safety cable should be installed in case there is a hose or coupling failure. For safety check valves and cables see pages 362 and 556.

Female Threaded Plugs

Body		Brass		Steel	303 Stainless Steel	
Size	Threads	Previous Part #	Part #	Part #	Previous Part #	Part #
	1/8" - 27 NPTF			D2F1		
	1/4" - 18 NPTF	DCP20B	D2F2-B	D2F2	DCP20S	D2F2-S
1/4"	1/4" - 19 BSPP			D2BF2		
	%" - 18 NPTF	DCP2023B	D2F3-B	D2F3		D2F3-S
	%" - 19 BSPP			D2BF3		
	1/4" - 18 NPTF			D3F2		
3/8"	%" - 18 NPTF		D3F3-B	D3F3	DCP26S	D3F3-S
78	%" - 19 BSPP			D3BF3		
	1/2" - 14 NPTF			D3F4		
	%" - 18 NPTF			D4F3		
1/2"	1/2" - 14 NPTF		D4F4-B	D4F4	DCP18S	D4F4-S
/2	1/2" - 14 BSPP			D4BF4		
	3/4" - 14 NPTF		D4F6-B	D4F6		
	½" - 14 NPTF			D6F4		
3/4"	3/4" - 14 NPTF			D6F6		
	1" - 11 ½ NPTF			D6F8		



brass



steel



303 stainless

Male Threaded Plugs

Body		Brass		Steel	303 Stainless Steel	
Size	Threads	Previous Part #	Part #	Part #	Previous Part #	Part #
	1/8" - 27 NPTF	DCP2101B	D2M1-B	D2M1		D2M1-S
	1/4" - 18 NPTF	DCP21B	D2M2-B	D2M2	DCP21S	D2M2-S
1/4"	1/4" - 19 BSPT			D2BM2		
	%" - 18 NPTF	DCP2103B	D2M3-B	D2M3		D2M3-S
	%" - 19 BSPT			D2BM3		
	1/4" - 18 NPTF			D3M2		
3/8"	%" - 18 NPTF		D3M3-B	D3M3	DCP25S	D3M3-S
/8	%" - 19 BSPT			D3BM3		
	½" - 14 NPTF			D3M4		
	1/4" - 18 NPTF			D4M2		
	%" - 18 NPTF			D4M3		
1/2"	½" - 14 NPTF		D4M4-B	D4M4	DCP17S	D4M4-S
	½" - 14 BSPT			D4BM4		
	3/4" - 14 NPTF		D4M6-B	D4M6		
	½" - 14 NPTF			D6M4		
3/4"	3/4" - 14 NPTF			D6M6		
	1" - 11½ NPTF			D6M8		



brass



steel



303 stainless

DF-Series Industrial Pneumatic Couplings

Standard Hose Barb Plugs



brass

steel



Body Hose		Brass		Sto	Steel		303 Stainless Steel	
Size	ID	Previous Part #	Part #	Previous Part #	Part #	Previous Part #	Part #	
	1/4"	DCP2142B	D2S2-B	DCP2142	D2S2	DCP2142S	D2S2-S	
1/4"	5/16"				D2S2.5			
	3/8"	DCP2144B	D2S3-B		D2S3		D2S3-S	
	1/4"			DCP2542	D3S2			
3/8"	3/8"		D3S3-B	DCP2544	D3S3	DCP2544S	D3S3-S	
	1/2"				D3S4			
	3/8"		D4S3-B	DCP1744	D4S3			
1/2"	1/2"		D4S4-B	DCP1745	D4S4	DCP1745S	D4S4-S	
	3/4"		D4S6-B		D4S6			
	1/2"				D6S4			
3/4"	3/4"				D6S6			
	1"				D6S8			

Automatic Female Threaded Couplers





brass



303 stainless

Body		Bra	ass	303 Stain	less Steel
Size	Threads	Previous Part #	Part #	Previous Part #	Part #
	1/8" - 27 NPTF		2DF1-B		
	1/4" - 18 NPTF	DCB20	2DF2-B	DCS20	2DF2-S
1/4"	1/4" - 19 BSPP		2DBF2-B		
	%" - 18 NPTF	DCB2023	2DF3-B		2DF3-S
	%" - 19 BSPP		2DBF3-B		
-	1/4" - 18 NPTF	DCB2622	3DF2-B		
3/8"	%" - 18 NPTF	DCB26	3DF3-B	DCS26	3DF3-S
78	%" - 19 BSPP		3DBF3-B		
	½" - 14 NPTF	DCB2624	3DF4-B		
	%" - 18 NPTF	DCB1023	4DF3-B		
1/2"	½" - 14 NPTF	DCB10	4DF4-B	DCS10	4DF4-S
/2	½" - 14 BSPP		4DBF4-B		
	3/4" - 14 NPTF	DCB1026	4DF6-B		
3/4"	½" - 14 NPTF		6DF4-B		
	3/4" - 14 NPTF		6DF6-B		
	1" - 11 ½ NPTF		6DF8-B		

Manual Female Threaded Couplers



brass



steel



303 stainless

<u> </u>		5	0: 1	303 St	ainless Steel
Body Size	Threads	<i>Brass</i> Part #	Steel Part #	Previous Part #	Part #
	1/8" - 27 NPTF	2FF1-B			
	1/8" - 28 BSPP	2FBF1-B			
1/4"	1/4" - 18 NPTF	2FF2-B	2FF2	DC20S	2FF2-S
/4	1/4" - 19 BSPP	2FBF2-B			
	%" - 18 NPTF	2FF3-B			2FF3-S
	%" - 19 BSPP	2FBF3-B			
	1/4" - 18 NPTF		3FF2		
3/8"	%" - 18 NPTF		3FF3	DC26S	3FF3-S
78	%" - 19 BSPP		3FBF3		
	1/2" - 14 NPTF		3FF4		
	%" - 18 NPTF		4FF3		
1/2"	½" - 14 NPTF		4FF4	DC10S	4FF4-S
	1⁄2" - 14 BSPP		4FBF4		
	3/4" - 14 NPTF		4FF6		

H

DF-Series Industrial Pneumatic Couplings

Automatic Male Threaded Couplers

Body		Bra	ass	303 Stain	less Steel
Size	Threads	Previous Part #	Part #	Previous Part #	Part #
	1/8" - 27 NPTF		2DM1-B		
	1/4" - 18 NPTF	DCB21	2DM2-B	DCS21	2DM2-S
1/4"	1/4" - 19 BSPT		2DBM2-B		
	%" - 18 NPTF	DCB2103	2DM3-B		2DM3-S
	%" - 19 BSPT		2DBM3-B		
	1/4" - 18 NPTF	DCB2502	3DM2-B		
3/8"	%" - 18 NPTF	DCB25	3DM3-B	DCS25	3DM3-S
/8	%" - 19 BSPT		3DBM3-B		
	½" - 14 NPTF	DCB2504	3DM4-B		
	%" - 18 NPTF	DCB903	4DM3-B		
1/2"	½" - 14 NPTF	DCB9	4DM4-B	DCS9	4DM4-S
/2	½" - 14 BSPT		4DBM4-B		
	3/4" - 14 NPTF	DCB906	4DM6-B		
	½" - 14 NPTF		6DM4-B		
3/4"	¾" - 14 NPTF		6DM6-B		
	1" - 11 ½ NPTF		6DM8-B		



brass



303 stainless

Manual Male Threaded Couplers

Body		Brass	Steel	303 Stainless Steel	
Size	Threads	Part #	Part #	Previous Part #	Part #
	1/8" - 27 NPTF	2FM1-B			2FM1-S
	1/4" - 18 NPTF	2FM2-B	2 <i>FM</i> 2	DC21S	2FM2-S
1/4"	1/4" - 19 BSPT	2FBM2-B			
	%" - 18 NPTF	2FM3-B			2FM3-S
	%" - 19 BSPT	2FBM3-B			
	1/4" - 18 NPTF		3FM2		
3/8"	%" - 18 NPTF		3FM3	DC25S	3FM3-S
/8	%" - 19 BSPT		3FBM3		
	½" - 14 NPTF		3FM4		
	%" - 18 NPTF		4FM3		
1/2"	½" - 14 NPTF		4FM4	DC9S	4FM4-S
	½" - 14 BSPT		4FBM4		
	34" - 14 NPTF		4FM6	 	



brass



steel



303 stainless

F



Pneumatic Fittings

brass



303 stainless

DF-Series Industrial Pneumatic Couplings

Automatic Standard Hose Barb Couplers

Body	ll	Brass		303 Stainless Steel	
Size	Hose ID	Previous Part #	Part #	Previous Part #	Part #
1/4"	1/4"	DCB2042	2DS2-B	DCS2042	2DS2-S
/4	3/8"	DCB2044	2DS3-B		2DS3-S
	1/4"	DCB2642	3DS2-B		
3/8"	3/8"	DCB2644	3DS3-B	DCS2644	3DS3-S
	1/2"	DCB2645	3DS4-B		
	3/8"	DCB1044	4DS3-B		
1/2"	1/2"	DCB1045	4DS4-B	DCS1045	4DS4-S
	3/4"	DCB1046	4DS6-B		
	1/2"		6DS4-B		
3/4"	3/4"		6DS6-B		
	1"		6DS8-B		

Manual Standard Hose Barb Couplers



brass



steel



303 stainless

Body	Hose	Brass		Steel	303 Stainless Steel	
Size	' I I I		Previous Part #	Part #	Previous Part #	Part #
	1/4"	2FS2-B		2FS2	DC2042S	2FS2-S
1/4"	½" 5/16" %"	2FS2.5-B				
		2FS3-B				2FS3-S
	1/4"		DC2642	3FS2		
3/8"	3/8" 3/8"			3FS3	DC2644S	3FS3-S
	1/2"			3FS4		
	3/8"			4FS3		
1/2"	1/2"			4FS4	DC1045S	4FS4-S
	3/,"		l	4FS6		

DF-Series Industrial Pneumatic Couplings

Automatic Push-Loc Barb Couplers

Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4" 3/8"	2DB2-B 2DB3-B
3/8"	3/8"	3DB3-B
1/2"	1/2"	4DB4-B



Manual Push-Loc Barb Couplers

Body Size	Hose ID	<i>Brass</i> Part #	Steel Part #
1/4"	1/4"	2FB2-B	
/4	3/8'	2FB3-B	
	1/4"		3FB2
3/8"	3/8"		3FB3
	1/2"		3FB4
1/2"	3/8"		4FB3
/2	1/2"		4FB4



brass



steel

Push-Loc Hose Barb Plugs

Body	Hose ID	Hans ID Brass		Steel	
Size	Hose ID	Part #	Previous Part #	Part #	
1/4"	1/4"	D2B2-B	DCP2142L	D2B2	
	3/8"			D2B3	
	1/4"			D3B2	
3/8"	3/8"		DCP2544L	D3B3	
	1/2"			D3B4	
1/2"	1/2"			D4B4	
3/4"	3/4"			D6B6	





Automatic Reusable Barb Couplers

Body Size	Hose ID X OD	<i>Brass</i> Part #
1/4"	1/4" x 1/2" 1/4" x 5/8" 3/8" x 11/16" 3/8" x 3/4"	2DE2-B 2DH2-B 2DK3-B 2DL3-B

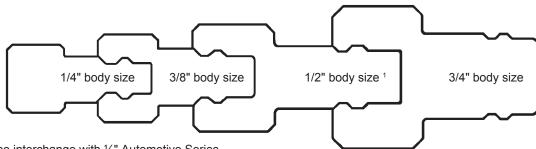


Reusable Barb Plugs

Body Size	Hose ID X OD	<i>Steel</i> Part #
1/4"	1/4" x 1/2" 1/4" x 5/8" 3/8" x 11/16" 3/8" x 3/4"	D2E2 D2H2 D2K3 D2L3



DF-Series Actual Size Profile Charts





Features:

- pressure rating: Brass Coupler/Steel Plug and Steel Coupler/Steel Plug: 500 PSI, Brass Coupler/Brass Plug: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 121°C)
- · interchanges with other Truflate Automotive designs

Operating pressure for couplings utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose 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 production resulting in equipment down-time, lost production, and/or personal injury including death.

Female Threaded Plugs



brass



steel

Telliale Tilleaded Flugs						
Body Size	Threads	<i>Brass</i> Part #	<i>Steel</i> Part #			
	1/8" - 27 NPTF		J2F1			
1/4"	1/4" - 18 NPTF	J2F2-B	J2F2			
	%" - 18 NPTF		J2F3			
	1/4" - 18 NPTF		J3F2			
3/8"	3/4" - 18 NPTF		<i>J3F</i> 3			
	1/2" - 14 NPTF		J3F4			
	3/8" - 18 NPTF		J4F3			
1/2"	1/2" - 14 NPTF		J4F4			
	3/4" - 14 NPTF		J4F6			

Male Threaded Plugs



brass



steel

Body Size	Threads	<i>Brass</i> Part #	<i>Steel</i> Part #
1/4"	1/8" - 27 NPTF 1/4" - 18 NPTF	 J2M2-B	J2M1 J2M2
74	3/8" - 18 NPTF		J2M3
3/8"	1/4" - 18 NPTF 3/8" - 18 NPTF		J3M2 J3M3
78	½" - 14 NPTF		J3M4
	%" - 18 NPTF		J4M3
1/2"	½" - 14 NPTF		J4M4
	3/4" - 14 NPTF		J4M6

Standard Hose Barb Plugs



Body	I <u>-</u>	Steel	
Body Size	Hose ID	Previous Part #	Part #
1/11	1/4"		J2S2
1/4"	3/8"		J2S3
	1/4"	DCP542	J3S2
3/8"	3/8"		J3S3
	1/2"		J3S4
1/2"	3/8"		J4S3
	1/2"		J4S4
	3/4"		J4S6

F

J-Series Automotive Pneumatic Couplings

Female Threaded Couplers

Body Size	Threads	<i>Brass</i> Part #	Steel Part #
1/4"	1/8" - 27 NPTF 1/4" - 18 NPTF	2JF1-B 2JF2-B	
74	3/8" - 18 NPTF		
	1/4" - 18 NPTF		3 <i>JF</i> 2
3/8"	%" - 18 NPTF		<i>3JF</i> 3
	½" - 14 NPTF		3 <i>JF4</i>



brass



steel

• ½" body J-Series plugs are used with ½" body DF-Series Manual couplers on page 312

Male Threaded Couplers

Body Size	Threads	<i>Brass</i> Part #	<i>Steel</i> Part #
1/4"	1/8" - 27 NPTF 1/4" - 18 NPTF	2JM1-B 2JM2-B	
	3/8" - 18 NPTF	2JM3-B	
	1/4" - 18 NPTF		3 <i>JM</i> 2
3/8"	%" - 18 NPTF		3JM3
	½" - 14 NPTF		3JM4



brass



• ½" body J-Series plugs are used with ½" body DF-Series Manual couplers on page 313

steel

Standard Hose Barb Couplers

Body Size	Hose ID	<i>Brass</i> Part #	<i>Steel</i> Part #
1/4"	1/4" 3/8"	2JS2-B 2JS3-B	
	1/4"		3 <i>J</i> S2
3/8"	3/8"		<i>3J</i> S3
	1/2"		3JS4



brass



• ½" body J-Series plugs are used with ½" body DF-Series Manual couplers on page 314

steel

Push-Loc Hose Barb Couplers

Body Size	Hose ID	<i>Brass</i> Part #	Steel Part #
1/4"	1/4" 3/8"	2JB2-B 2JB3-B	
	1/4"		3JB2
3/8"	3/8"		3JB3
	1/2"		3JB4



brass



steel

• $\frac{1}{2}$ " body J-Series plugs are used with $\frac{1}{2}$ " body DF-Series Manual couplers on page 315

Push-Loc Hose Barb Plugs

Body Size	Hose ID	Steel Part #
1/4"	1/4" 3/8"	J2B2 J2B3
3/8"	3/8"	J3B3
1/2"	1/2"	J4B4





M-Series ARO Pneumatic Couplings

- pressure rating: 300 PSI at ambient temperature 70°F (21°C)
- automatic couplings interchanges with ARO 210/310 designs and Hansen Series 210/310
- · manual couplings interchange with Parker 50-Series and Amflo Type 'B'

It is important to be safe when installing quick disconnect couplings into a pneumatic circuit. Never install a pneumatic coupling directly into an air tool, use a piece of hose that is at least 18" long, between the tool and the coupling, to prevent damage to the coupling. To protect the operator, safety devices, such as a safety check valve and safety cable should be installed in case there is a hose or coupling failure. For safety check valves and cables see pages 362 and 556.

Female Threaded Plugs





steel

Body Size	Threads	<i>Brass</i> Part #	Steel Part #
1/4"	1/4"- 18 NPTF	M2F2-B	M2F2
74	%"- 18 NPTF		M2F3
3/8"	%"- 18 NPTF		M3F3

Male Threaded Plugs



brass



steel

Body	Threads	<i>Brass</i>	Steel
Size		Part #	Part #
1/4"	1/s" - 27 NPTF		M2M1
	1/4" - 18 NPTF	M2M2-B	M2M2
	3/s" - 18 NPTF		M2M3
3/8"	3/8" - 18 NPTF		M3M3

Standard Hose Barb Plugs



Body		Steel	
Size	Hose ID	Previous Part #	Part #
1/"	1/4"		M2S2
1/4"	3/8"	DCP3744	M2S3
3/8"	3/8"		M3S3

Automatic Female Threaded Couplers



Body Size	Threads	Steel / Brass Part #
1/4"	1/4"- 18 NPT 3/8" -18 NPT	2MF2-PL 2MF3-PL
3/8"	3/8" -18 NPT	3MF3-PL

Manual Female Threaded Couplers



Body Size	Threads	<i>Brass</i> Part #
1/4"	½"- 18 NPT %" -18 NPT	2MF2-B 2MF3-B



F

M-Series ARO Pneumatic Couplings

Automatic Male Threaded Couplers

Body Size	Threads	Steel / Brass Part #
1/4"	⅓"- 18 NPT ¾"- 18 NPT	2MM2-PL 2MM3-PL
3/8"	%"- 18 NPT ½" - 14 NPTF	3MM3-PL 3MM4-PL



Manual Male Threaded Couplers

Body Size	Threads	<i>Brass</i> Part #
1/4"	½"- 18 NPT %"- 18 NPT	2MM2-B 2MM3-B



Automatic Standard Hose Barb Couplers

Body Size	Hose ID	Steel / Brass Part #
1/4"	½" 5/16" ¾"	2MS2-PL 2MS2.5-PL 2MS3-PL
3/8"	3/8"	3MS3-PL



Manual Standard Hose Barb Couplers

Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4" 3/8"	2MS2-B 2MS3-B



Push-Loc Barb Plug

Body		Steel
Size	Hose ID	Part #
1/4"	1/4"	M2B2



F



CJ-Series Pneumatic Couplings

Features:

- European High-Flow Interchange
- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 112°C)
- ¼" interchanges with Coilhose Megaflow, CEJN 320, and Rectus 25KA/26KA;
 ¾s" interchanges with Rectus 27KA and CEJN 410

Female Threaded Plugs



brass



steel

Body	Threads	<i>Brass</i>	<i>Steel</i>
Size		Part #	Part #
1/4"	1/4" - 18 NPT	CJ2F2-B	CJ2F2-LG
	1/4" - 19 BSPP	CJ2BF2-B	CJ2BF2-LG
	3/8" - 18 NPT	CJ2F3-B	CJ2F3-LG
	3/8" - 19 BSPP	CJ2BF3-B	CJ2BF3-LG
3/8"	3/8" - 18 NPT	CJ3F3-B	CJ3F3
	3/8" - 19 BSPP	CJ3BF3-B	CJ3BF3
	1/2" - 14 NPT	CJ3F4-B	
	1/2" - 14 BSPP	CJ3BF4-B	CJ3BF4

Male Threaded Plugs







steel

Body			Brass	Steel
Size	Size Threads Previo	Previous Part #	Part #	Part #
	1/4" - 18 NPT	DCP41	CJ2M2-B	CJ2M2-LG
1/4"	1/4" - 19 BSPT		CJ2BM2-B	CJ2BM2-LG
/4	%" - 18 NPT		CJ2M3-B	CJ2M3-LG
	%" - 19 BSPT		CJ2BM3-B	CJ2BM3-LG
	%" - 18 NPT		СЈЗМЗ-В	СЈЗМЗ
3/8"	%" - 19 BSPT		СЈЗВМЗ-В	СЈЗВМЗ
78	½" - 14 NPT		CJ3M4-B	CJ3M4
	½" - 14 BSPT		CJ3BM4-B	CJ3BM4

Female Threaded Couplers



Body	Threads	Brass	
Size		Previous Part #	Part #
	1/4" - 18 NPT	DC41	2CJF2-B
1/4"	1/4" - 19 BSPP		2CJBF2-B
/4	%" - 18 NPT		2CJF3-B
	%" - 19 BSPP		2CJBF3-B
3/8"	%" - 18 NPT		3CJF3-B
	%" - 19 BSPP		3CJBF3-B
	½" - 14 NPT		3CJF4-B
	½" - 14 BSPP		3CJBF4-B

Male Threaded Couplers



Body Size	Threads	<i>Bra</i> ss Part #
1/4"	1/4" - 18 NPT 1/4" - 19 BSPT 3/8" - 18 NPT 3/8" - 19 BSPT	2CJM2-B 2CJBM2-B 2CJM3-B 2CJBM3-B
3/8"	3/8" - 18 NPT 3/8" - 19 BSPT 1/2" - 14 NPT 1/2" - 14 BSPT	3CJM3-B 3CJBM3-B 3CJM4-B 3CJBM4-B

F

SHD-Series Schrader Pneumatic Couplings

Features:

- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 112°C)
- interchanges with Parker Twist-Lock, Tomco Series-TL, Foster SHD

Operating pressure for couplings utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose 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 Quick Coupling cannot assume liability for misapplication of production resulting in equipment down-time, lost production, and/or personal injury including death.

Female Threaded Plugs

Body Size	Threads	Steel Part #
1/4"	1/s" - 27 NPT 1/4" - 18 NPT 3/s" - 18 NPT	SHD2F1 SHD2F2 SHD4F3



Male Threaded Plugs

Body Size	Threads	Steel Part #
1/4"	1/s" - 27 NPT 1/4" - 18 NPT 3/s" - 18 NPT 1/2" - 14 NPT	SHD2M1 SHD2M2 SHD4M3 SHD4M4



Female Threaded Couplers

Body Size	Threads	Aluminum Part #
1/4"	1/4" - 18 NPT 3/8" - 18 NPT	2SHDF2 2SHDF3
1/2"	%" - 18 NPT ½" - 14 NPT ¾" - 14 NPT	4SHDF3 4SHDF4 4SHDF6



Male Threaded Couplers

Body Size	Threads	Aluminum Part #
1/4"	1⁄4" - 18 NPT 3⁄8" - 18 NPT	2SHDM2 2SHDM3
1/2"	%" - 18 NPT ½" - 14 NPT	4SHDM3 4SHDM4



SHD-Series Schrader Pneumatic Couplings

Standard Hose Barb Plugs



Body Size	Hose ID	<i>Steel</i> Part #
1/4"	1/4" 3/8"	SHD2S2 SHD2S3
1/2"	3/8" 1/2"	SHD4S3 SHD4S4

Standard Hose Barb Couplers



Body Size	Hose ID	Aluminum Part #
1/4"	1/4" 3/8"	2SHDS2 2SHDS3
1/2"	3/8" 1/2"	4SHDS3 4SHDS4

L-Series Lincoln Pneumatic Couplings

Features:

- pressure rating: 300 PSI
- temperature range: -40°F to 250°F (-40°C to 112°C)
- Lincoln Long-Nose Automotive Interchange
- interchanges with Parker 70-Series, Tomco Series-1110, Coilhose Type-17

It is important to be safe when installing quick disconnect couplings into a pneumatic circuit. Never install a pneumatic coupling directly into an air tool, use a piece of hose that is at least 18" long, between the tool and the coupling, to prevent damage to the coupling. To protect the operator, safety devices, such as a safety check valve and safety cable should be installed in case there is a hose or coupling failure. For safety check valves and cables see pages 362 and 556.

Body Size	Threads	Steel Part #
1/4"	1/4" - 18 NPT	L2F2

Male Threaded Plug

Female Threaded Plug



Body Size	Threads	<i>Steel</i> Part #
1/4"	1⁄4" - 18 NPT	L2M2

Female Threaded Coupler



Body Size	Threads	<i>Brass</i> Part #
1/4"	1/4" - 18 NPT	21 F2-B

Male Threaded Coupler



Body Size	Threads	<i>Brass</i> Part #
1/4"	1/4" - 18 NPT	2LM2-B

U-Series Universal Pneumatic Couplings

Features:

- temperature range: -40°F to 250°F (-40°C to 112°C)
- · couplers are automatic
- 2U-Series 6-in-1 (Aro 210, Industrial, Truflate, Lincoln, Italian, and CEJN 320)
- 3U-Series 4-in-1 (ARO 310, Industrial, Truflate, and CEJN 410)
- Parker UC-Series, Hansen Auto-Flo 23, and Tomco Series UC
- · Although the universal coupler permits multiple series nipples to mate with one coupler, it is recommended to match like series couplers and nipples. When using a Universal coupler, the lower performance rating between the coupler and nipple must take precedence.
- Some pneumatic applications require the pressurized air to be 'dried' to ensure proper operation of equipment and/or application of product (ie. auto body shops). It is best to match like series couplers and nipples in these applications. If it is necessary to use a Universal coupler, lube the seal and valve area regularly to ensure reliable service.
- for air service only



Female Threaded Couplers

Body Size	Threads	<i>Brass</i> Part #
1/4"	1/4" - 18 NPT 3/8" - 18 NPT	2UF2-B 2UF3-B
3/8"	%" - 18 NPT	3UF3-B



Male Threaded Couplers

Body Size	Threads	<i>Brass</i> Part #
1/4" 	1/4" - 18 NPT 3/8" - 18 NPT 3/8" - 18 NPT	2UM2-B 2UM3-B 3UM3-B



Standard Hose Barb Couplers

Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4" 3/8"	2US2-B 2US3-B
3/8"	3/8"	3US3-B



Push-On Hose Barb Couplers

Body Size	Hose ID	<i>Bra</i> ss Part #	
1/4"	1/4" 3/8"	2UB2-B 2UB3-B	





NK-Series Japanese Pneumatic Couplings

Features:

- Japanese Industrial Interchange Pneumatic Coupling
- Interchanges with Nitto Kohki Hi-Cupla 200, Rectus Series 13, and CEJN Series 315
- Nitrile (Buna-N) seals are standard temperature range -40°F to 250°F (-40°C to 121°C)
- pressure rating: 300 PSI

Female Threaded Plugs



Body Size	Threads	Steel Part #
1/4"	1/4" - 18 NPT 1/4" -19 BSPP	NK2F2 NK2BF2

Male Threaded Plugs



Body Size	Threads	Steel Part #
1/4"	1/4" - 18 NPT 1/4" -19 BSPP	NK2M2 NK2BM2

Hose Barb Plug



•	Body Size	Hose ID	Steel Part #
•	1/4"	1/4"	NK2S2

Female Threaded Couplers



Body Size	Threads	<i>Steel</i> Part #
1/4"	1/4" - 18 NPT 1/4" -19 BSPP	2NKF2 2NKBF2

Male Threaded Couplers



Body Size	Threads	Steel Part #
1/4"	1⁄4" - 18 NPT 1⁄4" -19 BSPP	2NKM2 2NKBM2

Hose Barb Coupler



Body Size	Hose ID	<i>Steel</i> Part #
1/4"	1/4"	2NKS2



BR-Series Pneumatic Couplings

Features:

- Interchange data: Rectus 21KA, Tomco Series SC, CEJN Series 223
- Nitrile (Buna-N) seals are standard temperature range -40°F to 250°F (-40°C to 121°C)
- pressure rating: 300 PSI

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Body Size	Threads	<i>Brass</i> Part #
1/8"	1/8" - 27 NPT 1/8" - 28 BSPP 1/4" - 18 NPT 1/4" - 19 BSPP	BR1F1-B-E-7 BR1BF1-B-E-7 BR1F2-B-E-7 BR1BF2-B-E-7



Male Threaded Plugs

Body Size	Threads	<i>Brass</i> Part #
1/8"	1/8" - 27 NPT 1/8" - 28 BSPP 1/4" - 18 NPT 1/4" - 19 BSPP	BR1M1-B-E-7 BR1GM1-B-E-7 BR1M2-B-E-7 BR1GM2-B-E-7



Female Threaded Couplers

Body Size	Threads	<i>Brass</i> Part #
1/8"	1/8" - 27 NPT 1/8" - 28 BSPP 1/4" - 18 NPT 1/4" - 19 BSPP	1BRF1-B-7 1BRBF1-B-7 1BRF2-B-7 1BRBF2-B-7



Male Threaded Couplers

Body Size	Threads	<i>Brass</i> Part #
1/8"	½" - 27 NPT ½" - 28 BSPP ¼" - 18 NPT ¼" - 19 BSPP	1BRM1-B-7 1BRGM1-B-7 1BRM2-B-7 1BRGM2-B-7



Hose Barb Plugs

Body Size	Hose ID	<i>Brass</i> Part #
1/8"	4mm 6mm 9mm	BR1S1.25-B-E-7 BR1S1.86-B-E-7 BR1S2.83-B-E-7



Hose Barb Couplers

Body Size	Hose ID	Brass Part #
1/8"	4mm 6mm 9mm	1BRS1.25-B-7 1BRS1.86-B-7 1BRS2.83-B-7



F

A-Series Pneumatic Couplings

Features:

- Interchange data: Dixon Quick Coupling Proprietary Astronautics
- Nitrile (Buna-N) seals are standard temperature range -40°F to 250°F (-40°C to 121°C)

Female Threaded Plugs



brass



steel

Body	Threads	<i>Brass</i>	Steel
Size		Part #	Part#
1/8"	1/8" - 27 NPTF	A1F1-B	
1/4"	1/8" - 27 NPTF	A2F1-B	
	1/4" - 18 NPTF	Δ2F2-B	A2F2

Male Threaded Plugs



brass



Body	Threads	<i>Brass</i>	<i>Steel</i>
Size		Part #	Part #
1/8"	1/8" - 27 NPTF	A1M1-B	
1/4"	1/4" - 18 NPTF	A2M2-B	A2M2

Hose Barb Plugs







steel

Body	Hose ID	<i>Brass</i>	<i>Steel</i>
Size		Part #	Part #
1/8"	1/8"	A1S1-B	
1/4"	1/4"		A2S2

Female Threaded Couplers



Body Size	Threads	<i>Brass</i> Part #
1/8"	1/8" - 27 NPTF	1AF1-B
1/4"	1/8" - 27 NPTF 1/4" - 18 NPTF	2AF1-B 2AF2-B

Male Threaded Couplers



Body Size	Threads	<i>Brass</i> Part #
1/8"	1/8" - 27 NPTF	1AM1-B
1/4"	1/8" - 27 NPTF 1/4" - 18 NPTF	2AM1-B 2AM2-B





A-Series Pneumatic Couplings

Hose Barb Couplers

Body Size	Hose ID	<i>Brass</i> Part #
1/8"	1/8"	1AS1-B
1/4"	1/4"	2AS2-B



Reusable Barb Plugs

Body	Hose ID	<i>Brass</i>	Steel
Size		Part #	Part #
1/4"	1/4" X 1/2"	A2E2-B	A2E2



brass



steel

Reusable Barb Coupler

Body Size	Hose ID x OD	<i>Brass</i> Part #
1/4"	1/4" X 1/2"	2AE2-B







3500 Male Nipples

Features:

- working pressure: 600 PSI at ambient temperature 70°F (21°C)
- 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 Thread	ded	
Hose Size	Male NPT	Zinc Plated Steel Part #	Optional Qty
1/4"	1/8"	3501	100
1/4"	1/4"	3502	100
1/4"	3/8"	3504	100
3/8"	1/4"	3505	100
3/8"	3/8"	3506	100
3/8"	1/2"	3508	100
1/2"	1/4"	3509	100
1/2"	3/8"	3510	100
1/2"	1/2"	3512	100
1/2"	3/4"	3511	50
3/"	1/2"	3513	50
3/"	3/4"	3514	50
3/4"	1"	3515	25
1"	3/4"	3516	25
1"	1"	3518	25

Female Threaded

Hose Size	Female NPT	Zinc Plated Steel Part #	Optional Qty
1/4"	1/4"	3542	100
3/8"	1/4"	3545	50
3/8"	3/8"	3546	50
1/2"	3/8"	3550	100
1/2"	1/2"	3552	50
3/4"	3/4"	3554	50
	1/4" 3/8" 3/8" 1/2" 1/2"	1/4" 1/4" 3/8" 1/4" 3/8" 3/8" 1/2" 3/8" 1/2" 1/2" 1/2"	Hose Size Female NPT Part # 1/4"



Male Threaded with Ferrule

- 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 dixonvalve.com
- low profile, streamline appearance



		Hoșe OD		Steel
Hose Size	Male NPT	From	То	Part #
3/8"	1/4"	46/64"	50/64"	3505WF
3/8"	1/2"	46/64"	50/64"	3508WF
1/2"	1/4"	54/64"	58/64"	3509WF
1/2"	3/8"	54/64"	58/64"	3510WF
1/2"	3/4"	54/64"	58/64"	3511WF
1/2"	1/2"	54/64"	58/64"	3512WF
3/4"	3/4"	1-10/64"	1-14/64"	3514WF
1"	1"	1-30/64"	1-34/64"	3518WF
1"	1"	1-34/64"	1-38/64"	3518WF2



Bent Stem Swivels

Hose Barb

Features:

- 1/8" 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
- 1/2" hose barb
- designed for normal operation at 90 PSI at ambient temperature 70°F (21°C)

Description	Steel Part #	Optional Qty
⁷ / ₈ " - 24 thread x ½" hose barb	ATS7812H	50
1/2" NPT thread x 1/2" hose barb	ATS1212H	50



Female Pipe Thread

Feature:

- 1/8" thread fits most chipping hammers
- 3/8" female pipe thread
- designed for normal operation at 90 PSI at ambient temperature 70°F (21°C)

Description	Steel Part #	Optional Qty
%" - 24 thread x %" female NPT	ATS7838F	25



Male Pipe Thread

Feature:

- 1/8" thread fits most chipping hammers
- 3/8" male pipe thread
- designed for normal operation at 90 PSI at ambient temperature 70°F (21°C)

Description	Steel Part #	Optional Qty
%" - 24 thread x %" male NPT	ATS7838M	50





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 (-40°C to 100°C)
- 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 Connectors



Tube OD	Male NPTF	Part #	Pkg Qty
1/4"	1/8"	AQ68DOT4X2	10
1/4"	1/4"	AQ68DOT4X4	10
1/4"	3/8"	AQ68DOT4X6	5
3/8"	1/4"	AQ68DOT6X4	10
3/8"	3/8"	AQ68DOT6X6	10

Union Connectors





Tube OD	Part #	Pkg Qty
1/4"	AQ62DOT4	10
3/8"	AQ62DOT6	10

Male Elbows



Tube OD	Male NPTF	Part #	Pkg Qty
1/4"	1/8"	AQ69DOT4X2	10
1/4"	1/4"	AQ69DOT4X4	10
3/8"	1/4"	AQ69DOT6X4	10

D.O.T. Push-In Male Swivel Elbows



Tube OD	Male NPTF	Part #	Pkg Qty
1/4"	1/8"	AQ69DOTS4X2	10
1/4"	1/4"	AQ69DOTS4X4	10
1/4"	3/8"	AQ69DOTS4X6	10
3/8"	1/4"	AQ69DOTS6X4	10
3/8"	3/8"	AQ69DOTS6X6	5



D.O.T. Push-In Fittings

Male Swivel Run Tees

Tube OD	Male NPTF	Part #	Pkg Qty
1/4"	1/8"	AQ71DOTS4X2	10
1/4"	1/4"	AQ71DOTS4X4	5



Male Swivel Branch Tees

Tube OD	Male NPTF	Part #	Pkg Qty
1/4"	1/8"	AQ72DOTS4X2	10
1/4"	1/4"	AQ72DOTS4X4	5



Union Tees

Tube OD	Part #	Pkg Qty
1/4"	AQ64DOT4	10
3/8"	AQ64DOT6	10



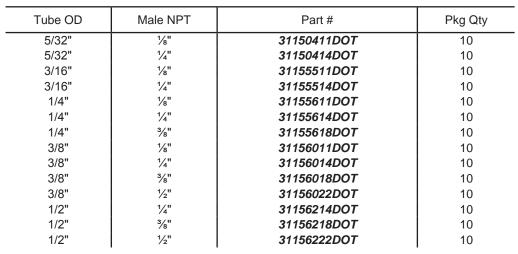




Features:

- 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 (-40°C to 93°C)
- 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.

Male Connectors



meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3

Female Connectors

Tube OD	Female NPT	Part #	Pkg Qty
5/32"	1/8"	31140411DOT	10
3/16"	1/8"	31145511DOT	10
1/4"	1/8"	31145611DOT	10
1/4"	1/4"	31145614DOT	10
3/8"	1/4"	31146014DOT	10
3/8"	3/8"	31146018DOT	10

meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3





Unions

Tube OD	Part #	Pkg Qty
5/32"	31060400DOT 1,2	10
3/16"	31065500DOT 1,2	10
1/4"	31065600DOT ³	10
3/8"	31066000DOT ³	10
1/2"	31066200DOT ³	10



¹ brass body

- ² meets D.O.T FMVSS571.106, SAE J2494 and SAE J2494-3
- ³ meets D.O.T FMVSS571.106, J1131 and SAE2494-3

Bulkhead Unions

Tube OD	Tube OD Part #			
1/4"	31165600DOT	10		
3/8"	31166000DOT	10		
1/2"	31166200DOT	10		
1 D O T ENVIOUETA 100 OAE 10404 LOAE 10404 0				



meets D.O.T. FMVSS571.106, SAE J2494 and SAE J2494-3

Union Elbows

Tube OD	Part #	Pkg Qty
5/32"	31020400DOT 1	10
1/4"	31025600DOT	10
3/8"	31026000DOT	10
1/2"	31026200DOT	10



- 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
- ¹ brass body

Male Elbows

Tube OD	Male NPT	Part #	Pkg Qty
5/32"	1/8"	31090411DOT1	10
3/16"	1/8"	31095511DOT1	10
1/4"	1/8"	31095611DOT	10
1/4"	1/4"	31095614DOT	10
1/4"	3/8"	31095618DOT	10
3/8"	1/4"	31096014DOT	10
3/8"	3/8"	31096018DOT	10
3/8"	1/2"	31096022DOT	10
1/2"	1/4"	31096214DOT	10
1/2"	3/8"	31096218DOT	10
1/2"	1/2"	31096222DOT	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
- fitting can be oriented 360° allowing proper positioning of the fitting
- ¹ brass body





Reducer



Tube OD	Tube OD	Part #	Pkg Qty
1/4"	3/8"	31665660DOT	10

meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

Plug In Elbow



Tube OD	Part #	Pkg Qty
1/,"	31825600DOT	10

• meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3

Male Branch Tees



Tube OD	Male NPT	Part #	Pkg Qty
1/4"	1/8"	31085611DOT	10
1/4"	1/4"	31085614DOT	10
1/4"	3/8"	31085618DOT	10
3/8"	1/4"	31086014DOT	10
3/8"	3/8"	31086018DOT	10
3/8"	1/2"	31086022DOT	10
1/2"	1/4"	31086214DOT	10
1/2"	3/8"	31086218DOT	10
1/2"	1/2"	31086222DOT	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 OD	Part #	Pkg Qty
5/32"	31040400DOT 1	10
3/16"	31045500DOT ¹	10
1/4"	31045600DOT	10
3/8"	31046000DOT	10
1/2"	31046200DOT	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
- ¹ brass body



Legris D.O.T. Push-In Male Run Tees

Tube OD	Male NPT	Part #	Pkg Qty
3/16"	1/8"	31035511DOT1	10
1/4"	1/8"	31035611DOT	10
1/4"	1/4"	31035614DOT	10
1/4"	3/8"	31035618DOT	10
3/8"	1/4"	31036014DOT	10
3/8"	3/8"	31036018DOT	10
3/8"	1/2"	31036022DOT	10
1/2"	1/4"	31036214DOT	10
1/2"	3/8"	31036218DOT	10
1/2"	1/2"	31036222DOT	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
- ¹ brass body

Legris D.O.T. Push-In Plug In Run Tee

Tube OD	Part #	Pkg Qty
1/4"	31835600DOT	10

meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3



Legris D.O.T. Push-In Y Connectors

Tube OD	Male NPT	Part #	Pkg Qty
1/4"	1/8"	31485611DOT	10
1/4"	1/4"	31485614DOT	10

- meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3
- fitting can be oriented 360° allowing proper positioning of the fitting



Legris D.O.T. Push-In Y Unions

Tube OD	Part #	Pkg Qty
1/4"	31405600DOT	10
3/8"	31406000DOT	10

• meets D.O.T. FMVSS571.106, J1131 and SAE 2494-3





Application: designed for Features:

· designed for use in air brake systems or cab controls

- 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 (-40°C to 93°C)

 - temperature range: -40°F to 200°F (-40°C to 93°C)
 - · compatible tubing: SAE J844 type A and B
 - specifications: meets D.O.T FMVSS 571.106 and SAE J246

Assembly Instructions:

- 1. Cut tubing squarely maximum of 15° angle allowable.
- 2. Check that port or mating part is clean and free of debris.
- 3. Insert tubing into fittings until it bottoms on seat.
- 4. 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 wrenchtightened 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 #	Pkg Qty
3/16"	1/16"	5/16"-24	68NAB31VS	25
3/16"	1/8"	5/16"-24	68NAB32VS	50
3/16"	1/4"	5/16"-24	68NAB34VS	25
1/4"	1/8"	7/16"-24	68NAB42VS	50
1/4"	1/4"	7/16"-24	68NAB44VS	50
1/4"	3/8"	7/16"-24	68NAB46VS	10
3/8"	1/8"	17/32"-24	68NAB62VS	25
3/8"	1/4"	17/32"-24	68NAB64VS	25
3/8"	3/8"	17/32"-24	68NAB66VS	25
3/8"	1/2"	17/32"-24	68NAB68VS	25
1/2"	1/4"	11/16"-20	68NAB84VS	10
1/2"	3/8"	11/16"-20	68NAB86VS	25
1/2"	1/2"	11/16"-20	68NAB88VS	25
5/8"	3/8"	13/16"-18	68NAB106VS	10
5/8"	1/2"	13/16"-18	68NAB108VS	10
3/4"	3/8"	1"-18	68NAB126VS	10
3/4"	1/2"	1"-18	68NAB128VS	10
3/4"	3/4"	1"-18	68NAB1212VS	10



Feature:

• ref. SAE 100103 BA



Tube Size	Pipe Thread	Straight Thread	Part #	Pkg Qty
1/4"	1/8"	7/16"-24	66NAB42	25
1/4"	1/4"	7/16"-24	66NAB44	10
3/8"	1/8"	17/32"-24	66NAB62	10
3/8"	1/4"	17/32"-24	66NAB64	10
1/2"	3/8"	11/16"-20	66NAB86 ¹	10
1/2"	1/2"	11/16"-20	66NAB88	10
5/8"	3/8"	13/16"-18	66NAB106	10
5/8"	1/2"	13/16"-18	66NAB108	10

¹ not full hex as shown





Unions

Feature:

• ref. SAE 100101

Tube Size	Straight Thread	Part #	Pkg Qty
1/4"	7/16"-24	62NAB4	10
3/8"	17/32"-24	62NAB6	10
1/2"	11/16"-20	62NAB8	10
5/8"	13/16"-18	62NAB10	10
3/4"	1"-18	62NAB12	10



Bulkhead Unions

Tube Size	Straight Thread	Part #	Pkg Qty
1/4"	7/16"-24	62NABH4	10
3/8"	17/32"-24	62NABH6	10
1/2"	11/16"-20	62NABH8	10



Bulkhead Unions

Tube Size	Straight Thread	Part #	Pkg Qty
3/16"	5/16"-24	62NBH3	10
1/4"	7/16"-24	62NBH4	10
3/8"	17/32"-24	62NBH6	10
1/2"	11/16"-20	62NBH8	10
5/8"	13/16"-18	62NBH10	10



Bulkhead Unions

Tube Size	Straight Thread	Part #	Pkg Qty
1/4"	7/16"-24	62NFBH4	10
3/8"	17/32"-24	62NFBH6	10
1/2"	11/16"-20	62NFBH8	10
5/8"	13/16"-18	62NFBH10	10



Bulkhead Unions

Tube Size	Pipe Thread	Part #	Pkg Qty
1/2"	3/8"	66NBH86	10



Female Elbows

Feature:

• ref. SAE 100203 BA

	Ì			
Tube Size	Pipe Thread	Straight Thread	Part #	Pkg Qty
3/16"	1/8"	5/16"-24	70NAB32	25
1/4"	1/8"	7/16"-24	70NAB42	25
1/4"	1/4"	7/16"-24	70NAB44	25
3/8"	1/8"	17/32"-24	70NAB62	10
3/8"	1/4"	17/32"-24	70NAB64 ¹	10
3/8"	3/8"	17/32"-24	70NAB66	10
1/2"	3/8"	11/16"-20	70NAB86	10
1/2"	1/2"	11/16"-20	70NAB88	10
5/8"	1/2"	13/16"-18	70NAB108	10



¹ rounded elbow parts not as pictured

Male Elbows

Features:

- ref. SAE 100202 BA
- thread sealant may be white or burnt orange

	6
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Tube Size	Pipe Thread	Straight Thread	Part #	Pkg Qty
3/16"	1/8"	5/16"-24	69NAB32VS	10
3/16"	1/4"	5/16"-24	69NAB34VS	10
1/4"	1/8"	7/16"-24	69NAB42VS	50
1/4"	1/4"	7/16"-24	69NAB44VS	50
1/4"	3/8"	7/16"-24	69NAB46VS	10
3/8"	1/8"	17/32"-24	69NAB62VS	10
3/8"	1/4"	17/32"-24	69NAB64VS	25
3/8"	3/8"	17/32"-24	69NAB66VS	25
3/8"	1/2"	17/32"-24	69NAB68VS	10
1/2"	1/4"	11/16"-20	69NAB84VS	10
1/2"	3/8"	11/16"-20	69NAB86VS	10
1/2"	1/2"	11/16"-20	69NAB88VS	10
5/8"	3/8"	13/16"-18	69NAB106VS	10
5/8"	1/2"	13/16"-18	69NAB108VS	5
3/4"	1/2"	1"-18	69NAB128VS	5
3/4"	3/4"	1"-18	69NAB1212VS	5

Union Elbows

Feature:

• ref. SAE 100201 BA



Tube Size	Straight Thread	Part #	Pkg Qty
1/4"	7/16"-24	65NAB4	10
3/8"	17/32"-24	65NAB6	10
1/2"	11/16"-20	65NAB8	10
5/8"	13/16"-18	65NAB10	10

45° Elbows

Features:

- ref. SAE 100302 BA
- thread sealant may be white or burnt orange



Tube Size	Pipe Thread	Straight Thread	Part #	Pkg Qty
1/4"	1/8"	7/16"-24	79NAB42VS	10
1/4"	1/4"	7/16"-24	79NAB44VS	10
3/8"	1/8"	17/32"-24	79NAB62VS	10
3/8"	1/4"	17/32"-24	79NAB64VS	10
3/8"	3/8"	17/32"-24	79NAB66VS	10
3/8"	1/2"	17/32"-24	79NAB68VS	10
1/2"	1/4"	11/16"-20	79NAB84VS	10
1/2"	3/8"	11/16"-20	79NAB86VS	10
1/2"	1/2"	11/16"-20	79NAB88VS	10
5/8"	3/8"	13/16"-18	79NAB106VS	5
5/8"	1/2"	13/16"-18	79NAB108VS	5
3/4"	1/2"	1"-18	79NAB128VS	2



F

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 #	Pkg Qty
3/16"	1/8"	7/16"-24	72NAB32VS	10
1/4"	1/8"	7/16"-24	72NAB42VS	10
1/4"	1/4"	7/16"-24	72NAB44VS	10
3/8"	1/8"	17/32"-24	72NAB62VS	10
3/8"	1/4"	17/32"-24	72NAB64VS	10
3/8"	3/8"	17/32"-24	72NAB66VS	10
1/2"	1/4"	11/16"-20	72NAB84VS	10
1/2"	3/8"	11/16"-20	72NAB86VS	10
1/2"	1/2"	11/16"-20	72NAB88VS	10
5/8"	1/2"	13/16"-18	72NAB108VS	10



Union Tees

Feature:

• ref. SAE 100401 BA

Tube Size	Straight Thread	Part #	Pkg Qty
1/4"	7/16"-24	64NAB4	25
3/8"	17/32"-24	64NAB6	10
1/2"	11/16"-20	64NAB8	10
5/8"	13/16"-18	64NAB10	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 #	Pkg Qty
1/4"	1/8"	7/16"-24	71NAB42VS	10
1/4"	1/4"	7/16"-24	71NAB44VS	10
3/8"	1/4"	17/32"-24	71NAB64VS	10
3/8"	3/8"	17/32"-24	71NAB66VS	10
1/2"	3/8"	11/16"-20	71NAB86VS	10
1/2"	1/2"	11/16"-20	71NAB88VS	10
5/8"	1/2"	13/16"-18	71NAB108VS	5



Sleeves

Feature:

• ref. SAE 100115

Tube Size	Part #	Pkg Qty
3/16"	60NAB3	100
1/4"	60NAB4	100
3/8"	60NAB6	100
1/2"	60NAB8	100
5/8"	60NAB10	10
3/4"	60NAB12	50



Feature:

Inserts

• for SAE J844 tubing



Tube Size	302 / 304 Stainless Steel Part #	Pkg Qty
1/4"	63NAB4	200
3/8"	63NAB6	200
1/2"	63NAB8	100
5/8"	63NAB10	100
3/4"	63NAB12	100

Nuts

Feature:

• ref. SAE 100110



Tube Size	Male NPT	Part #	Pkg Qty
3/16"	5/16"-24	61NAB3	100
1/4"	7/16"-24	61NAB4	100
3/8"	17/32"-24	61NAB6	100
1/2"	11/16"-20	61NAB8	50
5/8"	13/16"-18	61NAB10	25
3/4"	1"-18	61NAB12	25

Air Brake Fittings for 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 (-46° to 100°C)

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

Hose Springs



Hose Size	Length	Brass Alloy 360 Part #
3/8"	2.70"	56RBSG-06
1/2"	2.70"	56RBSG-08

Spring Guard Nuts

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Hose Size	Straight Thread	<i>Brass Alloy 360</i> Part #
3/8"	31/32"-20	61RBSG-06
1/2"	1-3/32-20	61RBSG-08



Pneumatic Fittings

Air Brake Fittings for Rubber Hose

Hose Nut with Attached Springs

Hose Size	Length	Brass Alloy 360 Part #
3/8"	3.55"	67RBSG-06
1/2"	3.50"	67RBSG-08





Male Connectors

Tube OD	Pipe Thread	Straight Thread	Hex	<i>Brass Alloy 360</i> Part #
3/8"	1/4"	31/32"-20	31/32"	68RB-0604B
3/8"	3/8"	31/32"-20	31/32"	68RB-0606B
3/8"	1/2"	31/32"-20	31/32"	68RB-0608B
1/2"	3/8"	1-3/32"-20	1-1/8"	68RB-0806B
1/2"	1/2"	1-3/32"-20	1-1/8"	68RB-0808B



Male Connector with Spring Guards

Hose Size	Pipe Thread	Hex	Brass Alloy 360 Part #
3/8"	1/4"	1-1/16"	68RBSG-0604
3/8"	3/8"	1-1/16"	68RBSG-0606
3/8"	1/2"	1-1/16"	68RBSG-0608
1/2"	3/8"	1-1/4"	68RBSG-0806
1/2"	1/2"	1-1/4"	68RBSG-0808





Sleeves

Hose Size	Length	Brass Alloy 360 Part #
3/8"	.64"	60RB-06
1/2"	.64"	60RB-08



Nuts

Hose Size	Thread	Hex	Brass Alloy 360 Part #
3/8"	31/32"-20	1-1/32"	61RB-06
1/2"	1-3/32"-20	1-1/4"	61RB-08



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 (-23°C to 93°C)

Male Connectors

Tube OD	Male NPTF	Forged Brass Part #	Optional Qty
1/8"	10-32 ¹	684X10	20
1/8"	1/8"	684X4	20
5/32"	10-32 ¹	685X10	20
5/32"	1/8"	685X4	20
5/32"	1/4"	685X8	10
3/16"	10-32 ¹	686X10	20
3/16"	1/8"	686X4	20
1/4"	10-32 ¹	688X10	20
1/4"	1/8"	688X4	20
1/4"	1/4"	688X8	10
1/4"	3/8"	688X12	10
3/8"	1/8"	6812X4	10
3/8"	1/4"	6812X8	10
3/8"	3/8"	6812X12	10
3/8"	1/2"	6812X16	5
1/2"	1/4"	6816X8	5
1/2"	3/8"	6816X12	5
1/2"	1/2"	6816X16	5

¹ UNF - Straight thread, supplied with gasket

Female Connectors



Tube OD	Female NPTF	Forged Brass Part #	Optional Qty
1/8"	1/8"	664X4	10
5/32"	1/8"	665X4	10
1/4"	1/8"	668X4	10
1/4"	1/4"	668X8	10
3/8"	1/4"	6612X8	10
3/8"	3/8"	6612X12	5





Brass Push-In Fittings

Unions

Tube OD	Forged Brass Part #	Optional Qty
1/8"	624	20
5/32"	625	10
1/4"	628	10
3/8"	6212	10
1/2"	6216	5



Bulkhead Unions

Tube OD	Male NPT	Forged Brass Part #	Optional Qty
1/8"	7/16"-20	824	10
5/32"	7/16"-20	825	10
1/4"	1/2"-20	828	10
3/8"	3/4"-16	8212	5
1/2"	15/16"-16	8216	5



Male Elbows

Tube OD	Male NPTF	Forged Brass Part #	Optional Qty
1/8"	1/8"	694X4	10
5/32"	1/8"	695X4	10
3/16"	1/8"	696X4	10
1/4"	1/8"	698X4	10
1/4"	1/4"	698X8	10
1/4"	3/8"	698X12	10
3/8"	1/8"	6912X4	10
3/8"	1/4"	6912X8	10
3/8"	3/8"	6912X12	10
1/2"	1/4"	6916X8	5
1/2"	3/8"	6916X12	1 5



Female Elbows

Tube OD	Female NPTF	Forged Brass Part #	Optional Qty
5/32"	1/8"	705X4	10
1/4"	1/8"	708X4	10
1/4"	1/4"	708X8	5
3/8"	1/4"	7012X8	5





Brass Push-In Fittings

Union Elbows



Tube OD	Forged Brass Part #	Optional Qty
1/8"	654	10
5/32"	655	10
1/4"	658	10
3/8"	6512	10
1/2"	6516	5

Male Swivel Elbows



Tube OD	Male NPTF	Forged Brass Part #	Optional Qty
1/8"	1/8"	69S4X4	10
5/32"	10-32 ¹	69S5X10	10
5/32"	1/8"	69S5X4	10
5/32"	1/4"	69S5X8	10
1/4"	10-32 ¹	69S8X10	10
1/4"	1/8"	69S8X4	10
1/4"	1/4"	69S8X8	10
1/4"	3/8"	69S8X12	10
3/8"	1/8"	69S12X4	10
3/8"	1/4"	69S12X8	10
3/8"	3/8"	69S12X12	5
3/8"	1/2"	69S12X16	5
1/2"	3/8"	69S16X12	5
1/2"	1/2"	69S16X16	5

¹ UNF - Straight thread, supplied with gasket

Male Branch Tees



Tube OD	Male NPTF	Forged Brass Part #	Optional Qty
1/8"	1/8"	724X4	10
5/32"	1/8"	725X4	10
1/4"	1/8"	728X4	10
1/4"	1/4"	728X8	5
3/8"	1/8"	7212X4	5
3/8"	1/4"	7212X8	5
3/8"	3/8"	7212X12	5
1/2"	3/8"	7216X12	5

Union Tees



Tube OD	Forged Brass Part #	Optional Qty
1/8"	644	10
5/32"	645	10
3/16"	646	10
1/4"	648	10
3/8"	6412	5
1/2"	6416	5

F

Brass Push-In Fittings

Male Swivel Branch Tees

nal Qty
0
0
0
5
5
5
5
5



Male Run Tees

Tube OD	Male NPTF	Forged Brass Part #	Optional Qty
1/8"	1/8"	714X4	10
5/32"	1/8"	715X4	10
1/4"	1/8"	718X4	10
1/4"	1/4"	718X8	5
3/8"	1/8"	7112X4	5
3/8"	1/4"	7112X8	5
3/8"	3/8"	7112X12	5
1/2"	3/8"	7116X12	5



F

Male Swivel Run Tees

Tube OD	Male NPTF	Forged Brass Part #	Optional Qty
1/8"	1/8"	71S4X4	10
5/32"	10-32 ¹	71S5X10	10
5/32"	1/8"	71S5X4	5
1/4"	1/8"	71S8X4	5
1/4"	1/4"	71S8X8	5
3/8"	1/4"	71S12X8	5
3/8"	3/8"	71S12X12	5
1/2"	3/8"	71S16X12	5
1/2"	1/2"	71S16X16	5



¹ UNF - Straight thread, supplied with gasket.

Stainless Steel Legris Push-In Fittings

Applications:

Suitable for many industries such as: chemical, food, packaging and medical.

Features:

- temperature range: -4°F to 245°F (-20°C to 118°C)
- maximum operating pressure: 290 PSI
- vacuum capability: 28" HG
- Maximum circuit pressure depends equally on the type and diameter of the tube used.
- materials conforming 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





Tube OD	Male NPT	<i>Stainless Steel</i> Part #	Pkg Qty
1/4"	1/8"	38055611	10
1/4"	1/4"	38055614	10
3/8"	1/4"	38056014	10
3/8"	3/8"	38056018	10
1/2"	3/8"	38056218	10
1/2"	1/2"	38056222	10

· internal hex allows ease of assembly in tight places





Tube OD	Stainless Steel Part #	Pkg Qty
1/4"	38065600	10
3/8"	38066000	10
1/2"	38066200	10

Bulkhead Connectors Unions



Tube OD	Stainless Steel Part #	Pkg Qty
1/4"	38165600	10
3/8"	38166000	10
1/2"	38166200	10

F

Stainless Steel Legris Push-In Fittings

Male Elbows

Tube OD	Male NPT	Stainless Steel Part #	Pkg Qty
1/4"	1/8"	38895611	10
1/4"	1/4"	38895614	10
3/8"	1/4"	38896014	10
3/8"	3/8"	38896018	10
1/2"	3/8"	38896218	10
1/2"	1/2"	38896222	10



• body is orientable for positioning purposes

Equal Elbow Unions

Tube OD	Stainless Steel Part #	Pkg Qty
1/4"	38025600	10



Union Tees

Tube OD	Stainless Steel Part #	Pkg Qty
1/4"	38045600	10
3/8"	38046000	10
1/2"	38046200	10



E



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 (-20°C to 150°C)
- pressure range: up to 435 PSI
- vacuum capability: 28" HG 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



Male Connectors

Tube OD	Male NPT	<i>Nickel-plated Brass</i> Part #	Optional Qty
5/32"	10-32 ¹	36010420	10
5/32"	1/8"	36750411	10
5/32"	1/4"	36750414	10
1/4"	10-32 ¹	36015620	10
1/4"	1/8"	36755611	10
1/4"	1/4"	36755614	10
1/4"	3/8"	36755618	10
3/8"	1/8"	36756011	10
3/8"	1/4"	36756014	10
3/8"	3/8"	36756018	10
3/8"	1/2"	36756022	10
1/2"	3/8"	36756218	10
1/2"	1/2"	36756222	10

¹ UNF - Straight thread, supplied with gasket and plastic button

Female Connectors



Tube OD	Female NPT	<i>Nickel-plated Brass</i> Part #	Optional Qty
5/32"	1/4"	36150414	10
1/4"	1/8"	36155611	10
1/4"	1/4"	36155614	10
3/8"	1/4"	36156014	10
3/8"	3/8"	36156018	10
1/2"	3/8"	36156218	10
1/2"	1/2"	36156222	10





<u> </u>		
Tube OD	<i>Nickel-plated Brass</i> Part #	Optional Qty
5/32"	36060400	10
1/4"	36065600	10
3/8"	36066000	10
1/2"	36066200	10

F

Nickel-Plated Brass Legris Push-In Fittings

Union Elbows

Tube OD	Nickel-plated Brass Part #	Optional Qty
5/32"	36020400	10
1/4"	36025600	10
3/8"	36026000	10
1/2"	36026200	10



Male Elbows

Tube OD	Male NPT	<i>Nickel-plated Brass</i> Part #	Optional Qty
5/32"	10-32 ¹	36990420	10
5/32"	1/8"	36090411	10
5/32"	1/4"	36090414	10
1/4"	1/8"	36095611	10
1/4"	1/4"	36095614	10
1/4"	3/8"	36095618	10
3/8"	1/4"	36096014	10
3/8"	3/8"	36096018	10
3/8"	1/2"	36096022	10
1/2"	1/2"	36096222	10



- ¹ UNF Straight thread, supplied with gasket and plastic button
- body is orientable for positioning purposes

Union Tees

Tube OD	<i>Nickel-plated Brass</i> Part #	Optional Qty
5/32"	36040400	10
1/4"	36045600	10
3/8"	36046000	10
1/2"	36046200	10



Male Run Tees

Tube OD	Male NPT	<i>Nickel-plated Brass</i> Part #	Optional Qty
5/32"	10-32 ¹	36930420	10
5/32"	1/8"	36030411	10
5/32"	1/4"	36030414	10
1/4"	1/8"	36035611	10
1/4"	1/4"	36035614	10
1/4"	3/8"	36035618	10
3/8"	1/4"	36036014	10
3/8"	3/8"	36036018	10



- ¹ UNF Straight thread, supplied with gasket and plastic button
- body is orientable for positioning purposes



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
- 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 (-20°C to 79°C)
- vacuum capability: vacuum of 28" Hg (99% vacuum)

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.



Gripping Ring Technology



Male Connectors			
Tube OD	Male NPT	Nylon / Nickel-plated Brass Part #	Optional Qty
1/8"	1/16"	31755308	10
1/8"	1/8"	31755311	10
1/8"	1/4"	31755314	10
5/32"	1/8"	31750411	10
5/32"	1/4"	31750414	10
1/4"	1/8"	31755611	10
1/4"	1/4"	31755614	10
1/4"	3/8"	31755618	10
5/16"	1/8"	31750811	10
5/16"	1/4"	31750814	10
5/16"	3/8"	31750818	10
3/8"	1/8"	31756011	10
3/8"	1/4"	31756014	10
3/8"	3/8"	31756018	10
3/8"	1/2"	31756022	10
1/2"	1/4"	31756214	10
1/2"	3/8"	31756218	10
1/2"	1/2"	31756222	10

Female Connectors



Tube OD	Female NPT	Nylon / Nickel-plated Brass Part #	Optional Qty
1/8"	1/8"	30145311	10
1/8"	1/4"	30145314	10
5/32"	1/8"	30140411	10
5/32"	1/4"	30140414	10
1/4"	1/8"	30145611	10
1/4"	1/4"	30145614	10
5/16"	1/8"	30140811	10
5/16"	1/4"	30140814	10
3/8"	1/8"	30146011	10
3/8"	1/4"	30146014	10
3/8"	3/8"	30146018	10

Hybrid Male Connectors



•			
Tube OD	Male BSPT	Nylon / Nickel-plated Brass Part #	Optional Qty
1/4"	1/8"	31755610	10
1/4"	1/4"	31755613	10
3/8"	1/4"	31756013	10



F

Nylon/Nickel-Plated Brass Legris Push-In Fittings

Female Elbows

Tube OD	Female NPT	Nylon / Nickel-Plated Brass Part #	Optional Qty
1/8"	1/8"	30095311	10
5/32"	1/4"	30090414	10
1/4"	1/8"	30095611	10
1/4"	1/4"	30095614	10
5/16"	1/8"	30090811	10
5/16"	1/4"	30090814	10
3/8"	1/4"	30096014	10
1/2"	3/8"	30096218	10



Male Elbows

Tube OD	Male NPT	Nylon / Nickel Plated Brass Part #	Optional Qty
1/8"	10-32 ¹	31095320	10
1/8"	1/16"	31095308	10
1/8"	1/8"	31095311	10
1/8"	1/4"	31095314	10
5/32"	10-32 ¹	31090420	10
5/32"	1/8"	31090411	10
5/32"	1/4"	31090414	10
1/4"	10-32 ¹	31095620	10
1/4"	1/8"	31095611	10
1/4"	1/4	31095614	10
1/4"	3/8"	31095618	10
5/16"	1/8"	31090811	10
5/16"	1/4"	31090814	10
5/16"	3/8"	31090818	10
3/8"	1/8"	31096011	10
3/8"	1/4"	31096014	10
3/8"	3/8"	31096018	10
3/8"	1/2"	31096022	10
1/2"	1/4"	31096214	10
1/2"	3/8"	31096218	10
1/2"	1/2"	31096222	10
1 LINE - Straight th	read supplied with	nasket	•



- ¹ UNF Straight thread, supplied with gasket
- body is orientable for positioning purposes

45° Male Elbows

Tube OD	Male NPT	Nylon / Nickel Plated Brass Part #	Optional Qty
1/4"	1/8"	31135611	10
1/4"	1/4"	31135614	10
3/8"	1/4"	31136014	10
3/8"	3/8"	31136018	10



• body is orientable for positioning purposes

Extended Male Elbows

Tube OD	Male NPT	Nylon / Nickel Plated Brass Part #	Optional Qty
1/4"	1/8"	31295611	10
1/4"	1/4"	31295614	10
3/8"	1/4"	31296014	10
3/8"	3/8"	31296018	10



• body is orientable for positioning purposes



Nylon/Nickel-Plated Brass Legris Push-In Fittings

Male Branch Tees



Tube OD	Male NPT	Nylon / Nickel-Plated Brass Part #	Optional Qty
1/8"	10-32 ¹	31085320	10
1/8"	1/8"	31085311	10
5/32"	10-32 ¹	31080420	10
5/32"	1/8"	31080411	10
5/32"	1/4"	31080414	10
1/4"	1/8"	31085611	10
1/4"	1/4"	31085614	10
1/4"	3/8"	31085618	10
5/16"	1/8"	31080811	10
5/16"	1/4"	31080814	10
5/16"	3/8"	31080818	10
3/8"	1/8"	31086011	10
3/8"	1/4"	31086014	10
3/8"	3/8"	31086018	10
3/8"	1/2"	31086022	10
1/2"	1/4"	31086214	10
1/2"	3/8"	31086218	10
1/2"	1/2"	31086222	10

- ¹ UNF Straight thread, supplied with gasket
- body is orientable for positioning purposes

Male Run Tees



Tube OD	Male NPT	<i>Nylon / Nickel-Plated Brass</i> Part #	Optional Qty
1/8"	10-32 ¹	31035320	10
1/8"	1/16"	31035308	10
1/8"	1/8"	31035311	10
5/32"	10-32 ¹	31030420	10
5/32"	1/8"	31030411	10
5/32"	1/4"	31030414	10
1/4"	1/8"	31035611	10
1/4"	1/4"	31035614	10
1/4"	3/8"	31035618	10
5/16"	1/8"	31030811	10
5/16"	1/4"	31030814	10
3/8"	1/8"	31036011	10
3/8"	1/4"	31036014	10
3/8"	3/8"	31036018	10
1/2"	1/4"	31036214	10
1/2"	3/8"	31036218	10
1/2"	1/2"	31036222	10

- ¹ UNF Straight thread, supplied with gasket
- body is orientable for positioning purposes

Push-In Male Wyes



Tube OD	Male NPT	Nylon / Nickel Plated Brass Part #	Optional Qty
5/32"	1/8"	31480411	10
5/32"	1/4"	31480414	10
1/4"	1/8"	31485611	10
1/4"	1/4"	31485614	10

• body is orientable for positioning purposes

Nylon Legris Push-In Fittings

Unions

Tube OD	<i>Nylon</i> Part #	Optional Qty
1/8"	31065300	10
5/32"	31060400	10
1/4"	31065600	10
5/16"	31060800	10
3/8"	31066000	10
1/2"	31066200	10



Bulkhead Unions

Tube OD	Nylon Part #	Optional Qty
1/8"	31165300	10
5/32"	31160400	10
1/4"	31165600	10
5/16"	31160800	10
3/8"	31166000	10
1/2"	31166200	10



Union Elbows

Tube OD	<i>Nylon</i> Part #	Optional Qty
1/8"	31025300	10
5/32"	31020400	10
1/4"	31025600	10
5/16"	31020800	10
3/8"	31026000	10
1/2"	31026200	10



Plugs

Tube OD	<i>Plastic</i> Part #	Optional Qty
1/8"	31265300	10
5/32"	31260400	10
1/4"	31265600	10
5/16"	31260800	10
3/8"	31266000	10
1/2"	31266200	10



Union Tees

	Official rees	
Tube OD	<i>Nylon</i> Part #	Optional Qty
1/8"	31045300	10
5/32"	31040400	10
1/4"	31045600	10
5/16"	31040800	10
3/8"	31046000	10
1/2"	31046200	10



Tube Wyes

Tube OD	<i>Nylon</i> Part #	Optional Qty
1/8"	31405300	10
5/32"	31400400	10
1/4"	31405600	10
5/16"	31400800	10
3/8"	31406000	10





Nylon / Nickel-Plated Brass Legris Push-In Fitting Kit

Features:

- · kit includes plastic case with threaded connectors, threaded elbows and several tube to tube connector configurations found on pages 350 to 353
- a tubing cutter is also included

Part #

TFK

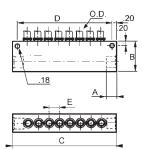
Kit contains the following parts:



Part #	Qty	Description	
31755311	10	tube to male NPT connector	
31750411	10	tube to male NPT connector	
31755611	10	tube to male NPT connector	
31755614	10	tube to male NPT connector	
31756014	5	tube to male NPT connector	
31756018	5	tube to male NPT connector	
31090411	10	tube to male NPT elbow	
31095611	10	tube to male NPT elbow	
31095614	10	tube to male NPT elbow	
31096011	5	tube to male NPT elbow	
31096014	5	tube to male NPT elbow	
31096018	5	tube to male NPT elbow	
31060400	10	tube to tube union	
31065600	10	tube to tube union	
31066000	5	tube to tube union	
31400400	10	Y connector	
31405600	10	Y connector	
31406000	5	Y connector	
31040400	10	tube to tube union tee	
31045600	5	tube to tube union tee	
31046000	5	tube to tube union tee	
30007100	1	tubing cutter	

Legris Modular Manifolds





Feature:

• manifold with push to connect ports

OD	NPT Size	Number of Outlets	А	Dim B	ensid	ons D	E	Part #
1/4"	1/4"	8	.55	1.30	4.92	4.53	.50	33155614

Legris Composite Mini Ball Valves

Application:

· 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 (-20°C to 79°C)
- 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

Size	Part #
5/32"	79100400
1/4"	79105600
5/16"	79100800
3/8"	79106000



Legris Quick Exhaust Valves

Application:

· can be used with all pneumatic equipment

Features:

- increases system efficiency and the speed of a cylinder by purging cylinder air at the cylinder port rather than the control valve
- pressure range: 10 PSI to 150 PSI
- temperature range: 0°F to 160°F (-17°C to 71°C)
- body: nickel-plated brasspiston: polyurethane
- seals: nylon

NPT Thread	Part #
1/8"	79821111
1/4"	79821414
3/8"	79821818
1/2"	79822222



Legris Compact Flow Control Valves

Features:

- 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.
- push-to connect, meter out flow control, one-piece design
- body: nylon
- control pressure range: 15 PSI to 145 PSI
- temperature range: 32°F to 158°F (0°C to 70°C)

Tube OD	NPT Size	Part #	Pkg Qty
5/32"	1/8"	70650411	10
1/4"	1/8"	70655611	10
1/4"	1/4"	70655614	10
3/8"	1/4"	70656014	10
3/8"	3/8"	70656018	10



F



Legris Flow Control Valves

Miniature Exhaust

Features:

- 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
- push-to connect, meter out flow control, one-piece design.
- body: nylon
- control pressure range: 15 PSI to 145 PSI
- temperature range: 30°F to 158°F (-1°C to 70°C)

Tube OD	NPT Size	Part #	Pkg Qty
5/32"	10-32 ¹	76600420	10
5/32"	1/8"	76650411	10
1/4"	10-32 ¹	76605620	10
1/4"	1/8"	76655611	10
1/4"	1/4"	76655614	10

UNF - Straight thread, supplied with gasket

In-Line

Application:

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: 32°F to 158°F (0°C to 70°C)
- 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 #	Pkg Qty
5/32"	77700400	10
1/4"	77705600	10
3/8"	77706000	10
1/2"	77706200	10

Threaded In-Line

Features:

- intake air flows freely through the flow control; exhaust air is metered out through an adjustment screw
- · 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: 32°F to 158°F (0°C to 70°C)
- body: nylon with nickel plated brass thread
- adjustment screw: nickel-plated brass
- locking nut: nickel-plated brass
- threads: nickel-plated brass

Female NPT	Part #
1/8"	77751111
1/4"	77751414
3/8"	77751818
1/"	77752222





Legris Check Valves

Non-Return In-Line

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
- body: nylon/nickel plated brass
- maximum operating pressure: 145 PSI at ambient temperature 70°F (21°C)

Tube OD	Part #	Pkg Qty
5/32"	79960400	10
6mm	79960600	10
1/4"	79965600	10
5/16"	79960800	10



In-Line

Application:

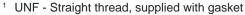
· suitable as a safety item in compressed air circuits

Features:

- compact, lightweight design meter out check valves
- 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 (21°C)
- body: nylon with nickel plated brass base
- pre-applied thread sealant on tapered threads

Tube OD	NPT Size	Part #
5/32"	10-32 ¹	79940420
5/32"	1/8"	79950411
1/4"	1/8"	79955611
1/4"	1/4"	79955614
3/8"	1/4"	79956014
3/8"	3/8"	79956018





Uni-Directional

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 (-20° to 180°C)
- body: 316L stainless steel
- shut-off valve: 316L stainless steel
- · return spring: 302 stainless steel
- seals: FKM

NPT Thread	Part #
1/8"	48951111
1/4"	48951414
3/8"	48951818
1/2"	48952222



Legris Metric Push-In Fittings

- Features:

 materials: nickel-plated brass, black glass-filled nylon body, Buna-N D-seal, polypropylene release button, silicone free and nylon nickel plated brass or nylon
 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 (-20°C to 79°C)
 pre-applied thread sealant on all the produce the pre-applied thread sealant on all thread produces the pre-applied thread sealant on all thread produces the pre-applied thread sealant on all thread produces the pre-applied thread sealant on all thread produces the pre-applied thread sealant on all thread produces the pre-applied thread sealant on all thread s reusable: connect and disconnect numerous times

 - pre-applied thread sealant on all tapered male pipe threads
- compatible tubing: semi-rigid hylon, polyalist vacuum rating: vacuum of 28" Hg (99% vacuum) · compatible tubing: semi-rigid nylon, polyurethane and polyethylene tube

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 BSPT Connectors



Tube OD	Male BSPT	Nickel Plated Brass Part #	Pkg Qty
4 mm	1/8"	31750410	10
4 mm	1/4"	31750413	10
6 mm	1/8"	31750610	10
6 mm	1/4"	31750613	10
8 mm	1/8"	31750810	10
8 mm	1/4"	31750813	10
8 mm	3/8"	31750817	10
10 mm	1/4"	31751013	10
10 mm	3/8"	31751017	10

internal hex allows ease of assembly in tight places

Female BSPP Connectors



Tube OD	Female BSPP	Nickel Plated Brass Part #	Pkg Qty
4 mm	1/8"	31140410	10
4 mm	1/4"	31140413	10
6 mm	1/8"	31140610	10
6 mm	1/4"	31140613	10
8 mm	1/8"	31140810	10
8 mm	1/4"	31140813	10

Male BSPT Elbows



Tube OD	Male BSPT	Nylon / Nickel Plated Brass Part #	Pkg Qty
4 mm	1/8"	31090410	10
4 mm	1/4"	31090413	10
6 mm	1/8"	31090610	10
6 mm	1/4"	31090613	10
8 mm	1/8"	31090810	10
8 mm	1/4"	31090813	10
8 mm	3/8"	31090817	10
10 mm	1/4"	31091013	10
10 mm	3/8"	31091017	10

· body is orientable for positioning purposes

Legris Metric Push-In Fittings

Male Branch Tees

Tube OD	Male BSPT	Nylon / Nickel Plated Brass Part #	Pkg Qty
4 mm	1/8"	31080410	10
4 mm	1/4"	31080413	10
6 mm	1/8"	31080610	10
6 mm	1/4"	31080613	10
8 mm	1/8"	31080810	10
8 mm	1/4"	31080813	10



• body is orientable for positioning purposes

Nylon Tubing

Features:

- · translucent color
- resistant to fungus, abrasion, moisture and UV
 temperature range: -60°F to 200°F (-51°C to 93°C)

Si:	ze ID	Wall Thickness	Working Pressure @ 75°F (24°C)	Length	Part #
4 mm	2.7 mm	.65 mm	350	25 m	1025P0400
6 mm	4 mm	1 mm	340	25 m	1025P0600
8 mm	6 mm	1 mm	250	25 m	1025P0800



Tubing cutters sold on page 892

Male Threaded Connectors

Feature:

• internal hex allows ease of assembly in tight places

Tube OD	Male Thread	Nickel Plated Brass Part #	Pkg Qty
4 mm	M5	31010419	10
4 mm	1/4 BSPP	31010410	10
6 mm	M5	31010619	10
6 mm	1/4 BSPP	31010610	10
6 mm	1/4 BSPP	31010613	10
8 mm	1/8 BSPP	31010810	10
8 mm	1/4 BSPP	31010813	10
10 mm	1/4 BSPP	31011013	10



Bulkhead Union

Tube OD	Tube OD	<i>Nylon</i> Part #	Pkg Qty
6 mm	6 mm	31160600	10



Unions

Tube OD	Tube OD	<i>Nylon</i> Part #	Pkg Qty
4 mm	6 mm	31060406	10
6 mm	6 mm	31060600	10
10 mm	10 mm	31061000	10



Legris Metric Push-In Fittings

Male Elbows



Tube OD	Male Thread	Nylon / Nickel Plated Brass Part #	Pkg Qty
4 mm	M5	31990419	10
4 mm	1% BSPP	31990410	10
6 mm	M5	31990619	10
6 mm	1/8 BSPP	31990610	10
6 mm	1/4 BSPP	31990613	10
8 mm	1/8 BSPP	31990810	10
8 mm	1/4 BSPP	31990813	10
10 mm	1/4 BSPP	31991013	10

• body is orientable for positioning purposes

Union Elbows



Tube OD	Tube OD	<i>Nylon</i> Part #	Pkg Qty
6 mm	6 mm	31020600	10
10 mm	10 mm	31021000	l 10

Union Tees



Tube OD	<i>Nylon</i> Part #	Pkg Qty
6 mm	31040600	10
10 mm	31041000	10

Y Connector



Tube OD	Tube OD	<i>Nylon</i> Part #	Pkg Qty
6 mm	6 mm	31400600	10

Plugs



Tube OD	Tube OD	<i>Plastic</i> Part #	Pkg Qty
6 mm	6 mm	31260600	10
10 mm	10 mm	31261000	10

Safety Cables	. 362 to 364	FRL's (cont.) 368 to 370,	377 to 434
King Cable™	362	Regulators	429, 430
Nylon King Cable™	363	Lubricators	431
King™ safety whipsocks	364	Combination units	432
King™ safety shackles	364	Accessories and repair kits	433 to 434
ASME air receiver manifold with King™ safety	whipsock 364		Се
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Display	406		
Miniatures	406 to 408	AWARNING	
Filters	409 to 411		
Regulators		The constant vibration created by air tools, li	
Filter / regulators		pavement breakers, is destructive to air hose especially the quick-acting type. To provide p	
Lubricators	417 to 420	coupling breakage and related hazards, Dixo	n® recommends
Combination units	421	the use of a whip hose. To construct a whip h	
Accessories and repair kits		end of a short (3' to 10') air hose to the air too type steel nipple. Connect the other end of th	
Watts	428 to 434	supply using the standard quick-acting coupli	
Filters	428	treated 3500 nipple will withstand vibration fa	

air drills and ouplings, tection against recommends se, connect one using a 3500 hose to the air . The heatetter than the standard coupling and provide a safer connection. The whip hose should remain permanently connected to the tool.



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-to-Tool Service



hose end

tool end

	Hose ID	Cable	Length	Maximum Working Pressure (PSI)	<i>Steel</i> Part #	<i>Stainless Steel</i> Part #
ľ	1/2" - 11/4"	1/8"	201/4"	200	WSR1	WSR1SS
	1/2" - 2"	3/16"	28"	200	WSR3	
	1½" - 3"	1/4"	38"	200	WSR2	WSR2SS
	4"	3/8"	44"	200	WSR4	

Hose-to-Hose Service



Hose ID	Cable	Length	Maximum Working Pressure (PSI)	<i>Steel</i> Part #	Stainless Steel Part #
1/2" - 11/4"	1/8"	201/4"	200	WB1	WB1SS
1/2" - 2"	3/16"	28"	200	WB3	
1½" - 3"	1/4"	38"	200	WA2	WA2SS
4"	3/8"	44"	200	WA4	

King Cable™ Options





WB1C - WB1 with safety clip and lanyard

WSR1E - WSR1E with stainless steel marine eye

Hose ID	Cable	Part #	Description		
1/2" - 11/4"	1/8"	WSR1C	WSR1 with safety clip and lanyard used to lock Air King™ couplings	200	
1/2" - 11/4"	1/8"	WB1C	WB1 with safety clip and lanyard used to lock Air King™ couplings	200	
1/2" - 11/4"	1/8"	WSR1E	WSR1 with stainless steel safety marine eye used to connect safety cable to a bolt on tool	200	
1½" - 3"	1/4"	WA2B	WA2 with bronze/copper ferrule for special environmental conditions	200	

G

Nylon King Cable™

Applications:

· pneumatic, hydraulic and water hoses

Features:

- strong, flexible nylon webbing
- superior corrosion and spark resistance over metal restraints
- · rubber grommets securely choke eyes around hose
- must be installed in the extended position (no slack)
- · shipped with labels detailing working pressures and safety instructions
- maximum working temperature: 200°F (93°C)
- 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
- contact Dixon at 888.226.4673 for additional options

Materials:

strap: nylongrommets: rubber

Length	l .	mended	for use	on the f	ollowing 2"	hose in	side dia	meters:	<i>Nylon</i> Part #
	Hose	maximu	m worki	ng pres	sure (PS	SI) for ab	ove hos	e ID's	. 5
30"	26,000	6,500	2,900	1,650	400			-	WBN130
40"				1,650	400	175	100	-	WBN140
30"	52,000	13,000	5,800	3,300	750			-	WBN230
64"					750	350	200	90	WBN264
44"				7,300	1,800	820	450	-	WBN344
64"					2,300	1,040	580	260	WBN464



G



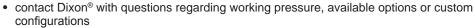
King™ Safety Whipsocks

Application:

• ideally suited for applications where the media being transferred is under higher working pressures such as air, water, hydraulic and slurry

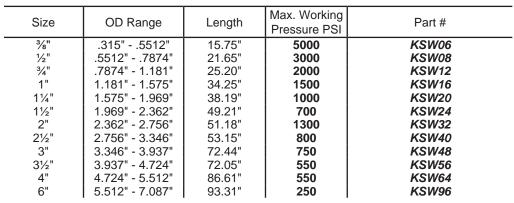
Features

- 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



Materials:

- · wire rope: galvanized carbon steel
- · ferrules: aluminum





KSW40

King™ Safety Shackles

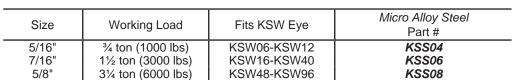
Applications:

- 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





ASME Air Receiver Manifold with King™ Safety Whipsock for Supply Hose

- · built to ASME Code, National Board registered
- conforms to OSHA standards 1910.169 and 1926.306
- 7 gallon capacity
- · painted supply orange
- all openings are female NPT thread
- working pressure: 200 PSI
- includes KSW32 2" King™ Safety Whipsock for Air Supply Hose
- shackles included to attach King™ Safety Whipsock to frame

Qty	Part #
1	1217AR-4AK-KSW



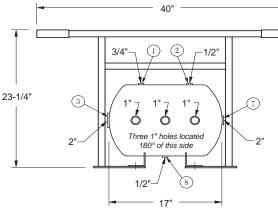


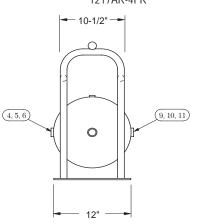
ASME Air Receiver Manifold

- 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









Dixon® 1217AR-4AK air receiver manifold assembly with Air King™ outlet ports includes the following components:

Part # / Locations	Qty	Description
1217AR-4	1	ASME compressed air receiver
1217FRAME	1	protective frame
Location 1	1	3731204C 3/4" male x 1/4" female hex bushing
	1	GL345 0-300 PSI gauge
Location 2	1	3730804C 1/2" male x 1/4" female hex bushing
Lanation O	1	SV200 safety pop-off valve
Location 3	1	GM28 2" male spud
Locations	1	B27SC wing nut cap
4, 5, 6, 9,	6	HB1075G 1" male x ¾" female bushings
10, 11	6	3701212C ¾" brass hex nipples
10, 11	6	BBLV75 ball valves
	6	SCVS6 safety shut-off valves
	6	AM7 Air King™ universal couplings
Location 7	4	SE45100 45° street elbow (1 each in locations 4, 6, 9 and 11 only)
	1	HB2075 2" male x ¾" female bushing
	1	3701212C 3/4" brass hex nipples
	1	BBLV75 ball valve
	1	SCVS6 safety shut-off valve
Location 8	1	AM7 Air King™ universal coupling
	1	3730804C ½" male x ¼" female hex bushing
	1	D04 ¼" drain cock
101745 141/		Labor cost for assembly of complete unit
1217AR-4AK	1	7 gallon ASME compressed air receiver manifold complete assembly with Air King™
		Tank and Frame only
1217AR-4FR		7 gallon ASME compressed air receiver with frame only



ASME Air Receiver Manifold Assembly with Air King™ Fittings & Watts Filter

Pneumatic Accessories



Application:

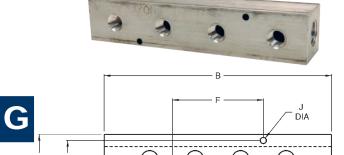
 Designed to remove compressed air contaminants such as water, compressor oil, dirt, pipe scale and water particles from the air supply at the point of entry into the ASME air receiver manifold.

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

Hose Size	Thread	Part #
2"	3/4"	1217AR-4AKWF

Bar Manifolds





- 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 (21°C)
- brass hex head plugs sold on page 367

Aluminum Part #	А	В	С	D	Е	F	G	Н	J
AMF32	1/4"	75/8"	7/8"	11/4"	11%"	3¾"	1"	3/8"	.20"
AMF42	1/4"	75/8"	11/⁄8"	1½"	11%"	3¾"	1"	1/2"	.20"
AMF43	3/8"	8"	11/8"	1½"	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

H NPT BOTH ENDS

 different tools in the shop use different styles of couplers, mount 3 different style couplers on one manifold



NPT Inlet (1)	NPT Outlets (3)	<i>Aluminum</i> Part #
1/4"	1/4"	D3404
3/8"	1/4"	D3406
1/2"	1/4"	D3408

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)	<i>Brass</i> Part #
1/4"	1⁄4"	3122
3/8"	1⁄4"	3132
3/8"	3⁄8"	3133



Accessorie

Compressor Y

Feature:

· converts a single supply source to a dual outlet

Female NPT Inlet (1)	Male NPT Outlets (2)	<i>Iron</i> Part #
1"	3/4"	Y10075



Anti-Freeze Lubricants

Application:

• winter grade air tool lubricant prevents air line, air tool and in-line lubricator freeze-up

- can be poured directly into tool or used with air line lubricators
- minimum temperature -45°F (-43°C)

Size	Part #	Optional Qty
1 pint	DATL016W	12
1 gallon	DATL128W	4





Air Tool Lubricants

Application:

· high grade lubricant prolongs the service life of air tools, cylinders and accessories

- #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 368

Size	Part #	Optional Qty
1 pint	DATL016	12
1 gallon	DATL128	4







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 367 for air tool lubricant

Λ
4

NPT Size	Oil Capacity	Maximum Working Pressure at ambient temperature (70°F)	Air Flow at 70 PSI	<i>Aluminum</i> Part #
1/2"	1.4 fluid ozs.	500 PSI	30 SCFM	PL300
3/4"	3.7 fluid ozs.	200 PSI	70 SCFM	PL400
3/4"	11.0 fluid ozs.	300 PSI	70 SCFM	PL400L
1"	16.0 fluid ozs.	250 PSI	100 SCFM	PL500

Replacement Parts

Description	Part #
(A) oil adjustment valve assembly	851661
(B) valve gasket	452531
(C) fill plug	452525
(D) fill plug O-ring	700013-214
(E) sight disk	452532
(F) sight disk seal	700013-016
(G) sight disk lock nut	452533

In-Line Air Filter

- · 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 (2°C to 93°C)
- 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 #
3/4"	3-13/16"	1½"	9076M

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 (2°C to 148°C)
- standard 40 micron element ensures minimum pressure drop

Male	Overall	Hex	Air Flow	Brass
NPT	Length	Tiex	All Flow	Part #
1/4"	1½"	9/16"	20 SCFM	ASP3102-40
1/2"	2"	7/8"	50 SCFM	ASP3104-40



Accessories

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. Working Pressure at ambient temperature 70°F (21°C)	<i>Aluminum</i> Part #
3/4"	3.7 fluid ozs.	200 PSI	PL400WF
3/4"	11.0 fluid ozs.	300 PSI	PL400LWF



Mini In-Line Lubricators

- · can be refilled under line pressure
- oil capacity: 1/4 fluid ounce
- flow rating: 22 SCFM at 100 PSIG
- maximum operating pressure: 200 PSIG
- maximum temperature: 150°F (66°C)

Female NPT Inlet	Outlet	<i>Aluminum</i> Part #
1/4"	⅓" female NPT	ML200
1/4"	¼" male NPT	ML200M
3/8"	⅔" male NPT	ML300M



Accessories

Pneumatic

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 (79°C)

Female NPT	Male NPT	Aluminum Part #
1/4"	1/4"	MF200

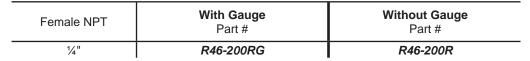
Replacement Element



Description	Part #
with O-ring	FRP-95-199

Series 1 Non-Repairable General Purpose Regulators

- · 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







Accessories

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
- 1/4" female NPT inlet

Air Chief

The air chief safety blow gun is designed to conform to OSHA Standard 1910.242 (B) permitting a maximum of 30 PSI outlet pressure when dead ended based on a maximum of 150 PSI inlet pressure as well as OSHA Standard 1910.95 regulating occupational noise level exposure. Safety glasses or shield must be worn when using any blow gun.



Features:

- · recessed internal slotted screw allows easy access to valve assembly for repairs or replacement
- chrome plated zinc die cast body, nickel plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals and nickel plated brass tip combine for superior corrosion resistance



Part #

D204-30

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 #

D204-30P

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 #

D204-30SB





Pistol Grip

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
- 1/4" female NPT inlet
- Safety glasses or shield must be worn when using any blow gun



Part #

PG700

Extended Nozzle Pistol Grip

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
- 1/4" female NPT inlet
- Safety glasses or shield must be worn when using any blow gun.



Part #

ENBG1

Safety Tip

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



Nickel Plated Brass Part #

SST10

Rubber Non-Safety Tip

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 #

D201RT

Non-Safety Blow Gun

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:

Feature:

- · designed to comfortably fit the contour of the hand, minimizing user fatigue
- · ergonomic large lever with vinyl grip allows for easy air flow activation
- 1/4" 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.



 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 #

D605

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

D201



Part #

Extensions

- 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 #
6"	BGE6
10"	BGE10
12"	BGE12
18"	BGE18
24"	BGE24



Heavy Duty - High Volume Safety 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
- 1/4" female NPT inlet
- Safety glasses or shield must be worn when using any blow gun.



Heavy Duty - High Volume 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.





Description	Part #
gun with no extension	HTBG
gun with 6" extension	HTBG6
gun with 12" extension	HTBG12
gun with 24" extension	HTBG24
gun with 36" extension	HTBG36

Heavy Duty - High Volume with Quiet Conical Tip





Feature:

• 6.0 CFM

Description	Part #
gun with tip only	HTBG-CT

Accessories



Female NPT Inlet (1)	<i>Aluminum</i> Part #	<i>Brass</i> Part #
6" extension with safety tip	HTBG6EXT	
12" extension with safety tip	HTBG12EXT	
24" extension with safety tip	HTBG24EXT	
36" extension with safety tip	HTBG36EXT	
safety tip	HTBGS	
conical tip	HTBGC	
tip adapter	HTBGA	
high flow female coupler		2CJF2-B
high flow male plug		CJ2M2-B

High Volume Typhoon Blow Guns

Features:

- chrome plated aluminum body
- · variable flow control
- 1/4" 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.



Description	Part #
gun with no extension	TYP2501
gun with 6" extension	TYP2501-6
gun with 12" extension	TYP2501-12
gun with 24" extension	TYP2501-24
gun with 36" extension	TYP2501-36



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.

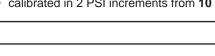


G



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



Passenger Car Tire Pressure Gauge

- 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 #	
D150	

Part # D101

Professional Tire Pressure Gauge

- · 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
- calibrated in 1 PSI increments from 5 to 45 PSI

Part #
DFG5

Dual Foot Tire Pressure Gauges

Features:

- handy pocket clip
- calibrated in 2 PSI increments from 20 to 120 PSI

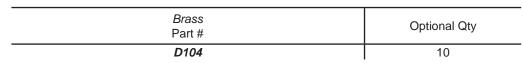
 Part #
 DFG1

Features:

- · heavy duty hang-up ring
- calibrated in 2 PSI increments from 10 to 150 PSI

Tire Inflator Chuck

- ball foot chuck
- · for direct connection to live air only
- features a built-in shutoff valve (will not work on inflator gauges)
- 1/4" NPT female thread
- maximum pressure is 150 PSI









F03 Miniature Filters

Features:

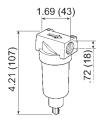
- · excellent water removal efficiency
- 5 micron element
- .5 oz. bowl
- · maximum operating conditions:
 - transparent bowl: 150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)
 - metal bowl: 250 PSIG (17.2 bar) and 32°F to 175°F (0°C to 80°C)

		Transpar	ent Bowl	Metal	Bowl
Port	(SCFM)	Automatic Drain	Manual Drain	Automatic Drain	Manual Drain
Size		Part #	Part #	Part #	Part #
1/8"	22	F03-01A	F03-01M	F03-01AMB	F03-01MMB
1/4"	24	F03-02A	F03-02M	F03-02AMB	F03-02MMB

SCFM ratings at 90 PSIG inlet pressure.



transparent bowl



1.60 (41) Bowl Removal Clearance

F08 Miniature Filters

Features:

- 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)

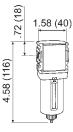
5		Transparent Bowl and Guard		Metal Bowl	
Port Size	(SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
1/4"	50	F08-02A	F08-02M	F08-02AMB	F08-02MMB

See pages 401 to 405 for accessories.

SCFM ratings at 150 PSIG inlet pressure.



metal bowl



1.31 (33) Bowl Removal Clearance

R03 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
 - 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)

	300 1 616 (20:17 bar) and 32 1 to 123 1 (0 0 to 32 0)			
Size	Flow	With Gauge Part #	Without Gauge Part #	
	(SCFIVI)	Fail#	rail#	
1/8"	13	R03-01RG	R03-01R	
1/4"	15	R03-02RG	R03-02R	

SCFM ratings at 100 PSIG inlet pressure.

FRL's are designed for air service only, unless otherwise indicated.



377

G





R08 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 66°C)

Size	Flow	With Gauge	Without Gauge
	(SCFM)	Part #	Part #
1/4"	44	R08-02RG	R08-02R

SCFM ratings at 100 PSIG inlet pressure.

RB3 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°C to 52°C)

Size	Flow	With Gauge	Without Gauge
	(SCFM)	Part #	Part #
1/8"	11	RB3-01RG	RB3-01R
1/4"	14	RB3-02RG	RB3-02R

SCFM ratings at 100 PSIG inlet pressure.

See pages 401 to 405 for accessories.

BB3 Miniature Filters / Regulators

transparent bowl

2.56 (65)

1.58 (40)



Bowl Removal

Features:

- 2-125 PSI adjusting range
- 5 micron element
- .5 oz. bowl
- self-relieving
- · supplied with a GC620 gauge
- maximum operating conditions:
 - transparent bowl: 125 PSIG (8.6 bar) and 40°F to 125°F (4.4°C to 52°C)
- metal bowl: 300 PSIG (20.7 bar) and 40°F to 125°F (4.4°C to 52°C)

	-	Transparent Bowl		Metal Bowl	
Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part#
1/8"	13	BB3-01AG	BB3-01MG	BB3-01AGMB	BB3-01MGMB
1/4"	16	BB3-02AG	BB3-02MG	BB3-02AGMB	BB3-02MGMB

SCFM ratings at 150 PSIG inlet pressure.

FRL's are designed for air service only, unless otherwise indicated.

Accessories

B08 Miniature Filters / 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)

		Transparent Bowl and Guard		Metal Bowl	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part#
1/4"	42	B08-02AG	B08-02MG	B08-02AGMB	B08-02MGMB

See pages 401 to 405 for accessories.

SCFM ratings at 100 PSIG inlet pressure.

L03 Miniature Lubricators





1.58 (40) Bowl Removal Clearance

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.







- transparent bowl: 150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)
- metal bowl: 250 PSIG (17.2 bar) and 32°F to 175°F (0°C to 80°C)

Size	Flow	Transparent Bowl	Metal Bowl
	(SCFM)	Part #	Part #
1/8"	20	L03-01A	L03-01AMB
1/4"	20	L03-02A	L03-02AMB

SCFM ratings at 90 PSIG inlet pressure.



L08 Miniature Lubricators

Features:

- .6 oz. bowl
- · adjustable oil feed
- · full view sight dome
- fill under pressure design
- maximum operating conditions:
 - transparent bowl: 150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)
 - metal bowl: 250 PSIG (17.2 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	Flow	Transparent Bowl	Metal Bowl
	(SCFM)	Part #	Part #
1/4"	57.5	L08-02A	L08-02AMB



See pages 401 to 405 for accessories. See page 367 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

Pneumatic Accessories



transparent bowl



1.60 (41) Bowl Removal -Clearance

C03 Miniature 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 175°F (0°C to 80°C)
- · Included components: (2) adapters

Filter series F03:

- 5 micron element
- .5 oz. bowl

Regulator series R03:

- 2-125 PSI adjusting range
- · balanced valve design
- self-relieving
- · supplied with a GC620 gauge
- · can be mounted with knob in up or down position

Lubricator series L03:

- 1 oz. bowl
- · adjustable oil feed
- · full view sight dome

		Transparent Bowl and Guard		Metal Bowl	
Size	Flow	Automatic Drain	Manual Drain	Automatic Drain	Manual Drain
	(SCFM)	Part #	Part #	Part #	Part#
1/8"	20	C03-01A	C03-01M	C03-01AMB	C03-01MMB
1/4"	20	C03-02A	C03-02M	C03-02AMB	C03-02MMB

SCFM ratings at 100 PSIG inlet pressure.

G



metal bowl

4.72 (120)

1.31 (33) Bowl Removal

C08 Miniature 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) mounting brackets with joiner set

Filter series F08:

- 5 micron element
- .6 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

		Transparent Bowl and Guard		Metal Bowl	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part#
1/4"	44	C08-02A	C08-02M	C08-02AMB	C08-02MMB



FRL's are designed for air service only, unless otherwise indicated.

F16 Compact Airline Filters

Features:

- 5 micron element
- 2.7 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)

		Transparent Bowl and Guard		Metal Bowl	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part#
1/4"	63.0	F16-02A	F16-02M	F16-02AMB	F16-02MMB
3/8"	74.1	F16-03A	F16-03M	F16-03AMB	F16-03MMB
1/2"	80.4	F16-04A	F16-04M	F16-04AMB	F16-04MMB



F18 Compact Airline Filters

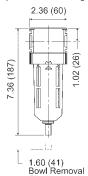
Features:

- · high flow capacity
- 5 micron element
- 1.72 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 and Guard		Metal Bowl with Sight Glass	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part#
1/4"	110	F18-02A	F18-02M	F18-02AMB	F18-02MMB
3/8"	120	F18-03A	F18-03M	F18-03AMB	F18-03MMB
1/2"	145	F18-04A	F18-04M	F18-04AMB	F18-04MMB



transparent bowl with guard



F26 Standard Airline Filters

Features:

- 5 micron element
- 3.2 oz. bowl
- maximum operating conditions:
 - transparent bowl: 150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)
 - metal bowl: 200 PSIG (13.8 bar) and 32°F to 150°F (0°C to 65.5°C)

Size (Flow (SCFM)	Transparent Bowl and Guard		Metal Bowl with Sight Glass	
		Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part#
1/4"	81.3	F26-02A	F26-02M	F26-02AMB	F26-02MMB
3/8"	117.8	F26-03A	F26-03M	F26-03AMB	F26-03MMB
1/2"	149.8	F26-04A	F26-04M	F26-04AMB	F26-04MMB

See pages 401 to 405 for accessories.



FRL's are designed for air service only, unless otherwise indicated. SCFM ratings at 150 PSIG inlet pressure.





2.00 (51) Bowl Removal Clearance

1.02

8.40 (213)

F28 Standard Airline Filters

Features:

- · high flow capacity
- 5 micron element
- 2.87 oz. bowl
- maximum operating conditions:
 - transparent bowl: 150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)
 - metal bowl: 250 PSIG (17.2 bar) and 32°F to 150°F (0°C to 65.5°C)

Size	Flow (SCFM)	Transparent Bowl and Guard		Metal Bowl with Sight Glass	
		Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
3/8"	144	F28-03A	F28-03M	F28-03AMB	F28-03MMB
1/2"	160	F28-04A	F28-04M	F28-04AMB	F28-04MMB
3/4"	165	F28-06A	F28-06M	F28-06AMB	F28-06MMB

F30 Jumbo Airline Filters

Features:

- · 5 micron element
- 2 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)

		Transparent Bowl and Guard		Metal Bowl with Sight Glass	
Size	Flow	Automatic Drain	Manual Drain	Automatic Drain	Manual Drain
	(SCFM)	Part #	Part #	Part #	Part #
³ ⁄ ₄ "	316	F30-06A	F30-06M	F30-06AMB	F30-06MMB
1"	323	F30-08A	F30-08M	F30-08AMB	F30-08MMB

with guard .94 (24) 9.80 (249)

with metal bowl

7.80 (198)

2.83 (72)

F35 Jumbo Airline Filters

Features:

- 5 micron element
- 12.5 oz. bowl
- · maximum operating conditions:
 - metal bowl: 150 PSIG (10.3 bar) and 32°F to 150°F (0°C to 65.5°C)

		Heavy Duty Metal Bowl		
Size	Flow	Automatic Drain	Manual Drain	
	(SCFM)	Part #	Part #	
1½"	1280	F35-0BAMB	F35-0BMMB	
2"	1400	F35-0CAMB	F35-0CMMB	

See pages 401 to 405 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

M16 Compact 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
- 2.7 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 Compact Transparent Bowl and Guard	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
1/4"	37.0	M16-02A	M16-02M
3/8"	44.7	M16-03A	M16-03M
1/2"	46.1	M16-04A	M16-04M



M18 Compact Coalescing Filters

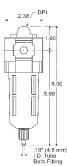
Features:

- · high-efficiency removal of water, oil aerosols, and solid particulate contaminants down to 0.01 mg/m³ with minimum pressure drop
- modern design and appearance
- light weight
- · high flow capacity
- 1.72 oz. bowl
- · maximum operating conditions:

150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

		With Compact Transparent Bowl and Guard	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
1/4"	40.0	M18-02A	M18-02M
3/8"	44.0	M18-03A	M18-03M
1/2"	48.0	M18-04A	M18-04M





M26 Standard Coalescing Filters

Features:

- 0.01 micron type C element
- 1.7 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)

	1001 010 (1010 0011) 0110 02 1 10 120 1 (0 0 10 02 0)		
		With Standard Transparent Bowl and Guard	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
1/4"	55.0	M26-02A	M26-02M
3/8"	65.5	M26-03A	M26-03M
1/2"	79.5	M26-04A	M26-04M

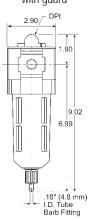
See pages 401 to 405 for accessories.



FRL's are designed for air service only, unless otherwise indicated.



with guard



M28 Standard 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.
- 2.87 micron type B and 0.003 micron type D elements are optional
- differential pressure indicator changes from green to red with pressure loss

DPL418

Features:

- high-efficiency removal of water, oil aerosols, and solid particulate contaminants down to 0.01 mg/m³ with minimum pressure drop
- modern design and appearance
- light weight
- high flow capacity
- 6 oz. bowl
- maximum operating conditions:

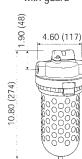
150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

		Compact Transparent Bowl and Guard	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
3/8"	82.0	M28-03A	M28-03M
1/2"	90.0	M28-04A	M28-04M
3/4"	98.0	M28-06A	M28-06M

M30 Jumbo Coalescing Filters



with guard



Features:

- 0.01 micron type C element
- 2 oz. bowl
- maximum operating conditions: 150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)

		Jumbo Transparent Bowl and Guard
Size	Flow (SCFM)	Automatic Drain Part #
1/2"	123	M30-04A
3/4"	173	M30-06A
1"	203	M30-08A

See pages 401 to 405 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

M35 Heavy Duty 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



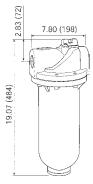
Features:

- 0.01 micron type C element
- 13.9 oz. 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)

		Metal Bowl
Size	Flow (SCFM)	Automatic Drain Part #
1½"	710	M35-0BAMB
2"	710	M35-0CAMB



M35-0CAMB



See pages 401 to 405 for accessories.

FRL's are designed for air service only, unless otherwise indicated.

G



with transparent bowl



1.33

(33.8)

2 24

(56.9) 3.19 (81)

(24)

X03 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 (177°C) for approximately 3 hours or until color has changed from pink to blue. Allow desiccant to cool to room temperature before pouring back into unit bowl.

An after-filter should be placed downstream from the desiccant dryer to ensure solid contaminants such as desiccant dust do not migrate downstream.



Features:

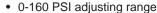
- will dry up to 4400 standard cubic feet of air
- desiccant; good for approximately 440 minutes at maximum continuous air flow before regeneration is required
- silica gel changes from blue to pink to indicate the need to replace or regenerate the desiccant
- · slotted bowl guard for visual detection of color change
- · no electrical connection necessary
- provides atmospheric dew point of -45°F (-43°C) with dry desiccant at 100 PSI and 70°F (21°C)
- · maximum operating conditions:
 - transparent bowl: 150 PSIG (10.3 bar) and 125°F (52°C)
 - metal bowl: 150 PSIG (10.3 bar) and 150°F (66°C)

Size	Flow	Transparent Bowl	Metal Bowl
	(SCFM)	Part #	Part #
1/4"	10	X03-02	X03-02MB

R21 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.





- balanced valve design
- · relieving type
- · non-rising pressure adjusting dial
- · piston operated
- two ¼" NPT gauge ports standard on models without gauge, one ¼" NPT gauge port standard on models with gauge - can be used for additional outlet ports.
- · models supplied without gauge use a GC230 gauge
- maximum operating pressure: **300 PSIG** (20.7 bar)
- temperature range: 32°F to 150°F (0°C to 66°C)

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1/4"	117	R21-02RG	R21-02R
3/8"	180	R21-03RG	R21-03R
1/2"	195	R21-04RG	R21-04R
3/4"	220	R21-06RG	R21-06R

See pages 401 to 405 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

R16 Compact Regulators

Features:

- · 0-125 PSI adjusting range
- for 0-60 PSI range consult Dixon®
- · 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°Cto 66°C)

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1/4"	71.5	R16-02RG	R16-02R
3/8"	80.5	R16-03RG	R16-03R
1/2"	88.0	R16-04RG	R16-04R



R16 High Pressure Compact Regulators

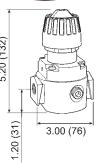
Features:

- 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 ½" 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 66°C)

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1/4"	71.5	R16-02RHG	R16-02RH
3/8"	80.5	R16-03RHG	R16-03RH
1/2"	88.0	R16-04RHG	R16-04RH





R18 Compact Regulators

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:

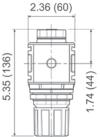
300 PSIG (20.7 bar) and 32°F to 150°F (0°C to 66°C)

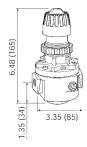
Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1/4"	82	R18-02RG	R18-02R
3/8"	97	R18-03RG	R18-03R
1/2"	97	R18-04RG	R18-04R

See pages 401 to 405 for accessories.

FRL's are designed for air service only, unless otherwise indicated.







R26 Standard Regulators

Features:

- 0-125 PSI adjusting range
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- To increase regulated pressure, pull adjusting knob up and turn clockwise. To reduce pressure, turn knob counter clockwise.
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standard on models with gauge can be used for additional outlet ports
- models supplied without gauge use a GC230 gauge
- maximum operating conditions:

300 PSIG (20.7 bar) and 32°F to 150°F (0°Cto 66°C)

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1/4"	112	R26-02RG	R26-02R
3/8"	148	R26-03RG	R26-03R
1/2"	185	R26-04RG	R26-04R

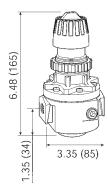
R26 High Pressure Standard Regulators



Features:

- 0-250 PSI adjusting range
- self-relieving standard
- non-rising push/pull locking adjustment knob
- panel mount nut standard
- excellent flow characteristics
- can be installed with the adjusting knob in any position
- two 1/4" NPT gauge ports standard on models without gauge, one 1/4" NPT gauge port standardon 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 66°C)

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1/4"	112	R26-02RHG	R26-02RH
3/8"	148	R26-03RHG	R26-03RH
1/2"	185	R26-04RHG	R26-04RH



See pages 401 to 405 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

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Accessories **Accessories**

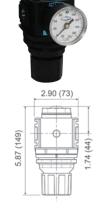
R28 Standard Regulators

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 66°C)

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
3/8"	162	R28-03RG	R28-03R
1/2"	170	R28-04RG	R28-04R
3/4"	176	R28-06RG	R28-06R



R30 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 ½" 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 66°C)

Size	Flow	With Gauge	Without Gauge
	(SCFM)	Part #	Part #
³ / ₄ "	481	R30-06RG	R30-06R
1"	500	R30-08RG	R30-08R



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R30 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 66°C)

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
3/4"	481	R30-06RHG	R30-06RH
1"	500	R30-08RHG	R30-08RH



See pages 401 to 405 for accessories.



FRL's are designed for air service only, unless otherwise indicated.





R40 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 66°C)

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1½"	1200	R40-0BRG	R40-0BR
2"	1200	R40-0CRG	R40-0CR
			-



R40 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 66°C)

Flow With Gauge SCFM) Part #	Without Gauge Part #
1200 R40-0BRHG	
1	CFM) Part #

See pages 401 to 405 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

CB6 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.

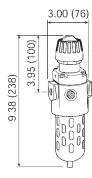
Features:

- 0-125 PSIG adjusting range
- 5 micron reusable element
- · 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 66°C)

		Transparent B	owl and Guard	Metal Bowl wi	th Sight Glass
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
1/4"	64	CB6-02AG	CB6-02MG	CB6-02AGMB	CB6-02MGMB
3/8"	70	CB6-03AG	CB6-03MG	CB6-03AGMB	CB6-03MGMB
1/2"	70	CB6-04AG	CB6-04MG	CB6-04AGMB	CB6-04MGMB



with guard



B18 Compact Filter / Regulators

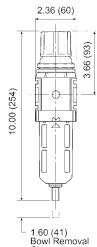
Features:

- 5-125 PSIG adjusting range for transparent bowl with guard
- 10-250 PSIG adjusting range for metal bowl with sight glass
- 5 micron element
- 1.72 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).
- · transparent bowl supplied with GC230 gauge
- metal bowl supplied with GC240 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 66°C)

	Flow (SCFM)	Transparent Bowl and Guard		Metal Bowl with Sight Glass	
Size		Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
1/4"	88	B18-02AG	B18-02MG	B18-02AGMB	B18-02MGMB
3/8"	117	B18-03AG	B18-03MG	B18-03AGMB	B18-03MGMB
1/2"	121	B18-04AG	B18-04MG	B18-04AGMB	B18-04MGMB



with metal bowl



Clearance

See pages 401 to 405 for accessories.

 $oldsymbol{\Lambda}$ FRL's are designed for air service only, unless otherwise indicated.

B28 Standard Filters/Regulators

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
- 2.87 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).
- transparent bowl supplied with GC230 gauge
- · metal bowl supplied with GC240 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 66°C)

	[_,	Transparent Bowl and Guard		Metal Bowl with Sight Glass	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
3/8"	140	B28-03AG	B28-03MG	B28-03AGMB	B28-03MGMB
1/2"	165	B28-04AG	B28-04MG	B28-04AGMB	B28-04MGMB
3/4"	175	B28-06AG	B28-06MG	B28-06AGMB	B28-06MGMB

See pages 401 to 405 for accessories. SCFM ratings at 100 PSIG inlet pressure.

with transparent bowl 2.90 (74) 11.44 (291)

2.00 (51) Bowl Removal Clearance

transparent bowl with guard

3.00 (76)

.00 (25)

50 (165)

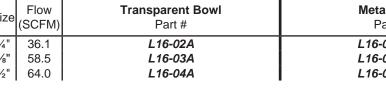
L16 EconOmist® Compact Lubricators

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.



- 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 66°C)

Size	Flow (SCFM)	Transparent Bowl Part #	Metal Bowl Part #
1/4"	36.1	L16-02A	L16-02AMB
3/8"	58.5	L16-03A	L16-03AMB
1/2"	64.0	L16-04A	L16-04AMB



See pages 401 to 405 for accessories. See page 367 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated.

Accessories

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:

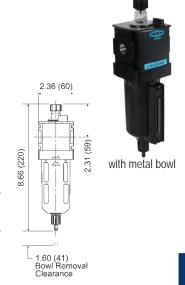
For all Wilkerson lubricators, use any petroleum-base, non-detergent light weight oil (SAE 10/150SSU) which will readily break up into a mist, i.e., Mobil DTE light or comparable oil. Do not use synthetic oil or any oils containing additives or solvents. See page 367 for air tool lubricants.

L18 EconOmist® Compact Lubricators

Features:

- · 4 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 66°C)

Size	Flow (SCFM)	Transparent Bowl Part #	Metal Bowl Part #
1/4"	88	L18-02A	L18-02AMB
3/8"	90	L18-03A	L18-03AMB
1/2"	96	L18-04A	L18-04AMB



L26 EconOmist® Standard Lubricators

Features:

DPL418

- 10 oz. bowl
- adjustable oil feed
- · can be filled under pressure
- guick-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 66°C)

Size	Flow	Transparent Bowl	Metal Bowl ¹
Size	(SCFM)	Part #	Part #
1/4"	35	L26-02A	L26-02AMB
3/8"	60	L26-03A	L26-03AMB
1/2"	128	L26-04A	L26-04AMB

¹ metal bowl has sight gauge with brass petcock drain



with metal bowl

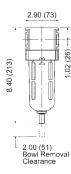


See pages 401 to 405 for accessories. See page 367 for air tool lubricant.

SCFM ratings at 150 PSIG inlet pressure.

FRL's are designed for air service only, unless otherwise indicated.

with metal bowl



L28 EconOmist® Standard Lubricators

Features:

- 6.11 oz. bowl
- manual drain
- high flow capacity
- can be filled under pressure
- To adjust and set oil delivery rate the unit must be pressurized and air must be flowing through the unit. Turn the sight dome, located on the top of the unit, counter clockwise to initiate oil delivery. If flow increases or decreases, the oil delivery rate will increase or decrease proportionally. Turning the sight dome clockwise will stop all oil delivery.
- maximum operating conditions:
 - transparent bowl: 150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)
 - metal bowl: 250 PSIG (17.2 bar) and 32°F to 150°F (0°C to 66°C)

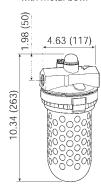
Size	Flow (SCFM)	Transparent Bowl Part #	Metal Bowl Part #
3/8"	176	L28-03A	L28-03AMB
1/2"	184	L28-04A	L28-04AMB
3/4"	200	L28-06A	L28-06AMB

SCFM ratings at 150 PSIG inlet pressure.

L30 EconOmist® Standard Lubricators



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 66°C)

Size	Flow (SCFM)	Transparent Bowl Part #	Metal Bowl Part #
3/4"	196	L30-06A	L30-06AMB
1"	374	L30-08A	L30-08AMB

SCFM ratings at 120 PSIG inlet pressure.

See pages 401 to 405 for accessories. See page 367 for air tool lubricant.



L40 & L50 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 (13.8 bar) and 32°F to 150°F (0°C to 66°C)

Size	Flow (SCFM)	Transparent Bowl Part #	Metal Bowl with Sight Glass Part #
1½"	927	L40-0BA	L40-0BAMB
2"	1186	L50-0CA	L50-0CAMB



transparent bowl with guard

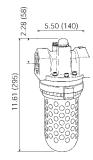


illustration represents L40 series

See pages 401 to 405 for accessories. See page 367 for air tool lubricant.



FRL's are designed for air service only, unless otherwise indicated. SCFM ratings at 120 PSIG inlet pressure.

C16 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
- 2.7 oz. bowl

Regulator series R16:

- 0-125 PSI adjusting range
- · self-relieving
- · supplied with a GC230 gauge

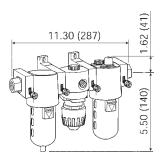
Lubricator series L16:

- 5 oz. bowl
- · adjustable oil feed
- · full view sight dome

		Transparent Bowl and Guard		Metal Bowl with Sight Glass	
Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
1/4"	36.1	C16-02A	C16-02M	C16-02AMB	C16-02MMB
3/8"	58.5	C16-03A	C16-03M	C16-03AMB	C16-03MMB
1/2"	64.0	C16-04A	C16-04M	C16-04AMB	C16-04MMB



transparent bowl with guard



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 150 PSIG inlet pressure.

Accessories **Pneumatic**



with metal bowl

7.77 (197) 2.31 (59) 1.60 (41) Bowl Removal Clearance

C18 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 66°C)
- Included components:
 - (2) end blocks
 - (2) mounting brackets with joiner set and port O-ring

Filter series F18:

- 5 micron element
- 1.72 oz. bowl

Regulator series R18:

- · 0-125 PSI adjusting range
- self-relieving
- supplied with a GC230 gauge

Lubricator series L18:

- 4 oz. bowl
- · adjustable oil feed
- · full view sight dome

	Flow (SCFM)	Transparent Bowl and Guard		Metal Bowl with Sight Glass	
Size		Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
1/4"	110	C18-02A	C18-02M	C18-02AMB	C18-02MMB
3/8"	160	C18-03A	C18-03M	C18-03AMB	C18-03MMB
1/2"	160	C18-04A	C18-04M	C18-04AMB	C18-04MMB

C26 Standard Combination Units

Features:

- maximum operating conditions:
- transparent bowl: 150 PSIG (10.3 bar) and 32°F to 125°F (0°C to 52°C)
 - metal bowl: 200 PSIG (13.8 bar) and 32°F to 175°F (0°C to 80°C)
- Included components:
 - (2) modular sleeves
 - (2) mounting brackets (sleeve and bracket)
 - (2) end blocks

Filter series F26:

- 5 micron element
- 3.2 oz. bowl

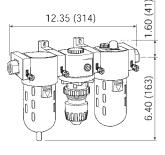
Regulator series R26:

- 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)	Transparent Bowl and Guard		Metal Bowl	
		Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
1/4"	35	C26-02A	C26-02M	C26-02AMB	C26-02MMB
3/8"	60	C26-03A	C26-03M	C26-03AMB	C26-03MMB
1/2"	128	C26-04A	C26-04M	C26-04AMB	C26-04MMB



with metal bowl



FRL's are designed for air service only, unless otherwise indicated.

C28 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 66°C)
- Included components:
 - (2) end blocks
 - (2) mounting brackets with joiner set and port O-ring

Filter series F28:

- 5 micron element
- 2.87 oz. bowl

Regulator series R28:

- 0-125 PSI adjusting range
- self-relieving
- · supplied with a GC230 gauge

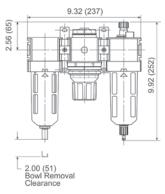
Lubricator series L28:

- 6 oz. bowl
- · adjustable oil feed
- full view sight dome

Size	Flow (SCFM)	Transparent Bowl and Guard		Metal Bowl	
		Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
3/8"	150	C28-03A	C28-03M	C28-03AMB	C28-03MMB
1/2"	175	C28-04A	C28-04M	C28-04AMB	C28-04MMB
3/4"	175	C28-06A	C28-06M	C28-06AMB	C28-06MMB



with metal bowl



SCFM ratings given at 150 PSIG inlet pressure.

C31 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

Filter series F30:

- 5 micron element
- 2 oz. bowl

Regulator series R30:

- · 0-125 PSI adjusting range
- self-relieving
- · supplied with a GC230 gauge

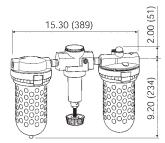
Lubricator series L30:

- 26 oz. bowl
- · adjustable oil feed
- · full view sight dome

Size		Transparent Bowl and Guard		Metal Bowl with Sight Glass	
	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #	Automatic Drain Part #	Manual Drain Part #
3/4"	374	C31-06A	C31-06M	C31-06AMB	C31-06MMB
1"	374	C31-08A	C31-08M	C31-08AMB	C31-08MMB



with metal bowl





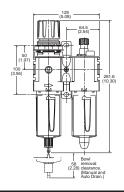
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 120 PSIG inlet pressure.

Accessories **Pneumatic**



with transparent bowl and guard



D18 Combination Units

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 66°C)
- 5 micron element
- 4 oz. bowl/lubricator

Regulator

- 0-125 PSI adjusting range
- self-relieving
- supplied with gauge
- 1.72 oz. bowl/filter

		Transparent Bowl and Guard	Metal Bowl / Sight Gauge
Size	Flow (SCFM)	Manual Drain Part #	Manual Drain Part #
1/2"	175	D18-04M	D18-04MMB

SCFM ratings at 150 PSIG inlet pressure.



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 66°C)

D28 Combination Units

- 5 micron element
- 6 oz. bowl/lubricator

Regulator

- 0-125 PSI adjusting range
- self-relieving
- supplied with gauge
- 2.87 oz. bowl/filter

		Metal Bowl / Sight Gauge
Size	Flow (SCFM)	Manual Drain Part #
1/2"	110	D28-04MMB
3/4"	130	D28-06MMB

FRL's are designed for air service only, unless otherwise indicated.

C31 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 (4°C to 66°C)

flow: 320 SCFM

Size	Part #
1"	C31-08FRAME



F23 Exhaust Muffler

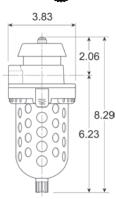
Features:

- 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 #
1/2"	240 SCFM	F23-04M









FRL's are designed for air service only, unless otherwise indicated.



with metal bowl



X02 Automatic Drains

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.

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 66°C)

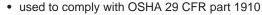
Size	Transparent Bowl Part #	Metal Bowl Part #
1/2"	X02-04	X02-04MB

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:



- 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°C to 79°C)

Port In/Out	Port Exhaust	Part #
1/2"	3/4"	LV4N6D
3/4"	3/4"	LV6N6D
3/4"	11/4"	LV6NAD
1"	11/4"	LV8NAD





Filter Elements

Used On	Description	Part #
F03		PS403
F08		FRP-96-729
F16	5 micron element	FRP-95-160
F18		FRP-96-639
F26		FRP-95-115
F28		FRP-96-653
F30		FRP-95-209
F35		FRP-95-505
F42		FRP-95-566



Coalescing Filter Elements

Used On	Description	Part #
M16, M26, M30	type B element (0.5 micron)	MSP-95-989
M16	type C element (0.01 micron)	MTP-95-548
M26	type C element (0.01 micron)	MTP-95-549
M30	type C element (0.01 micron)	MTP-95-551
M35	type C element (0.01 micron)	MTP-95-502



MTP-95-548

Desiccant Dryer Gel Refill

Used On	Description	Part #
X03	8 bags of silica gel refill	DRP-85-059



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Filter Bowls with Drain

Used On	Description	Part #
F08	plastic bowl with guard and manual drain	GRP-96-712
	plastic bowl and metal bowl guard with flex tip drain	FRP-95-014
	plastic bowl and metal bowl guard with auto drain	FRP-95-015
F16, M16	plastic bowl with manual drain	FRP-95-017
	metal bowl with sight glass and manual drain	GRP-95-133
	metal bowl with auto drain	FRP-95-950
	plastic bowl and bowl guard with manual drain	GRP-96-634
F18	plastic bowl and bowl guard with auto drain	GRP-96-635
	metal bowl with sight glass and manual drain	GRP-96-636
	plastic bowl and metal bowl guard with flex tip drain	GRP-95-935
F26, M26	plastic bowl and metal bowl guard with auto drain	GRP-95-948
1 20, 10120	metal bowl with sight glass and manual drain	GRP-95-931
	metal bowl with auto drain	GRP-95-960
F28	plastic bowl, bowl guard, manual drain	GRP-96-642
1 20	metal bowl, with sight glass, manual drain	GRP-96-644
	plastic bowl and metal bowl guard with manual drain	FRP-95-832
	plastic bowl and metal bowl guard with auto drain	FRP-95-775
F30, M30	plastic bowl with flex tip drain	FRP-96-315
	metal bowl with sight glass and manual drain	GRP-95-676
	metal bowl with auto drain	GRP-95-970



FRP-95-015





Filter Drains

Used On	Description	Part #
F16, F18, F26, F28, F30, F35, M16, M26, M30, M32, M35	automatic drain with flourocarbon seal	GRP-95-981
F16, F18, F26, F28, F30, M16, M26, M30	automatic float drain with a nitrile seal	GRP-95-973
F16, F18, F26, F28, F30, F35, M16, M26, M30, M35	manual override drain	GRP-96-001
F16, F26, F30, M16, M26, M30	manual petcock drain for use with metal bowl units	GRP-95-182
F16, F26, F30, M16, M26, M30	manual flex tip drain	FRP-95-610
F18, F28	manual drain	GRP-96-685

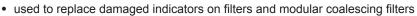
Sight Glass Kit



Used On	Description	Part #
M16, M26	sight glass kit for metal bowls	GRP-95-079

Differential Pressure Indicators

Features:







Used On	Description	Part #
M16, M26, M30, M32	indicator	DP2-01-000
F35, M35	indicator	DP2-01-001

Regulator Spring



Used On	Description	Part #
R16	0-50 PSI spring	RRP-95-222

Regulator Flush Mounted Gauge

50 100 150 psi

Application:

• for units originally purchased with a flush mounted gauge

Used On	Description	Part #
R08	0-160 PSI	GRP-96-719

Ring Style Tamper Resistant Kits



Used	d On	Description	Part #
RO	08		RPA-96-735
R16,	R26	vio v otalo tovono v vociotovat kit	RPA-95-006
R1	18	ring style tamper resistant kit	RRP-96-671
R2	28		RRP-96-672





Regulator Repair Kits

Used On	Description	Part #
R16	self-relieving repair kit	RRP-95-131
R18	relieving diaphragm assembly	RRP-96-656
R26	self-relieving repair kit	RRP-95-952
R28	relieving diaphragm assembly	RRP-96-986
R30	valve assembly: valve, spring, bottom plug O-ring	RRP-95-159
R40	valve assembly: valve, spring, retaining ring O-ring	RRP-95-161



Lubricator Bowls and Bowl Guards

Used On	Description	Part #
L08	plastic bowl with guard and manual drain	LRP-96-736
	metal bowl with sight glass and manual drain	GRP-95-133
L16	plastic bowl with guard and manual drain	GRP-95-019
	plastic bowl with no drain	LRP-96-937
	metal bowl with sight glass, manual drain	GRP-96-636
LIO	plastic bowl with guard and manual drain	LRP-96-701
L26	metal bowl with sight glass and manual drain	GRP-95-931
L26	plastic bowl with no drain	LRP-96-938
1.00	metal bowl with sight glass, manual drain	GRP-96-644
L28	plastic bowl with guard and manual drain	LRP-96-702
L30, L40	metal bowl with sight glass and manual drain	GRP-95-676
L30, L40, L50	plastic bowl with no drain	LRP-96-940



GRP-95-019

Sight Domes and Fill Plugs

Used On	Description	Part #
L08, L16, L26	sight dome kit: dome and O-ring	LRP-95-239
L08	fill plug kit: fill plug and O-ring	LRP-96-730
L16, L26, L30	fill plug kit: fill plug and O-ring	LRP-95-253
L18, L28	sight dome assembly (new style)	LRP-96-310
L30, L40, L50	sight dome kit: dome and O-ring	LRP-95-249
L40, L50	fill plug kit: fill plug and O-ring	LRP-95-250



LRP-95-249

Modular Shut-Off Valves

Application:

 Useful for isolating and depressurizing a downstream unit requiring maintenance or replacement.

Features:

- can be installed immediately upstream of a single unit or combination of units
- · secure to the unit with a modular sleeve or modular sleeve wall mounting bracket
- ball-type valve operates with a 1/4 turn from open to shut position
- can be locked in the open position
- · left to right flow

Used On	Description	Part #
F16, F26, R16, B26, L16, L26	1/4" NPT safety shut-off valve 3/8" NPT safety shut-off valve 1/2" NPT safety shut-off valve	GPA-95-096 GPA-95-097 GPA-95-098



GPA-95-098

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GPA-95-919



GPA-95-223



GPA-96-610

GPA-95-037

Modular Blocks

Features:

Manifold Block

- flexible installation can be installed after the filter or regulator, providing three additional ¼" NPT tapped auxiliary ports
- 1/2" inlet/outlet ports non-tapped
- 1-17/32" width

End Block

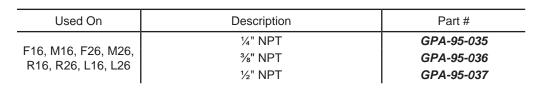
- When used with the modular sleeve, end blocks allow a single unit or a combination of units to be piped into the air system in the modular mode.
- allows ease of unit servicing or replacement without disturbing the air line connections

Used On	Description	Part #
	manifold block, three ¼" NPT auxiliary ports	GPA-95-919
F16, M16, F26, M26,	end block, ¼" NPT	GPA-95-223
R16, R26, L16, L26	end block, %" NPT	GPA-95-224
	end block, ½" NPT	GPA-95-225
	end block, ¼" NPT	GPA-96-610
F18, F28, R18, R28, L18, L28	end block, %" NPT	GPA-96-611
	end block, ½" NPT	GPA-96-612
	end block, ¾" NPT	GPA-96-613

Features:

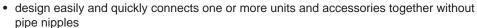
Modular Pipe Adapters

- 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



Modular Sleeve

Features:





Used On	Description	Part #
F16, F26, R16, R26, L16, L26	modular sleeve	GPA-95-292

Modular Sleeve with T Bracket

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 #
F16, F26, R16, R26, L16, L26	bracket sleeve and bracket	GPA-95-968 GPA-95-969



Mounting Brackets and Joiner Sets

Part #

GRP-95-747

GPA-96-737

GPA-97-010

GPA-96-738

GRP-96-739

GPA-95-016

GPA-95-011

RRP-95-590

GPA-96-604

GPA-96-606

GPA-96-602

GPA-96-603

GPA-95-946

RPA-95-947

GPA-96-605

GPA-96-607 GRP-95-734

PS417B

Accessories



GPA-96-737

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 a "Will Call" or showroom sales area.

Features:

FRL combination unit with standard metal bowl with sight glass and manual drain

Description

mounting bracket (type T) with joiner set and port

wall mount bracket with 1/4" NPT gauge port adapter

mounting bracket (type T) with joiner set and port

mounting bracket (type L) and nut

mounting bracket

mounting bracket (type C)

joiner set and port O-ring

mounting bracket (type L)

mounting bracket (type L)

mounting bracket (type C)

mounting bracket (type L)

mounting bracket (type T)

mounting bracket (type L)

mounting bracket (type C)

mounting bracket (type L)

wall mount, U-bolt pipe clamp

mounting bracket (type C) and nut

O-ring

mounting bracket (type L) and nut

- · modular mounting clamps
- pipe adapters

Used On Filter/ Regulator/

Lubricator

Series RB3

F03

F08

R08

F16, M16

R16

R16, R21,

R26, R30, R40

F18

F18, F28

F26, M26

R26

F28

F30

- · display stand
- · assembly is required



WILK26DISPLAY

Note: this product will be discontinued once stock is depleted.



Accessories **Pneumatic**



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

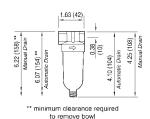
Part

NORG74DISPLAY

Note: this product will be discontinued once stock is depleted.

Series I line of miniature filters, filter/regulators, regulators and lubricators in prepackaged clear plastic units are 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.

F07 Carded Miniature Filters



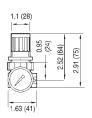
Features:

- 5 micron element
- 1 oz. reservoir
- inlet pressure 150 PSI maximum
- maximum temperature: 125°F (52°C)
- transparent bowl

Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	24	F07-200AC	F07-200MC

R07 Carded Miniature Regulator





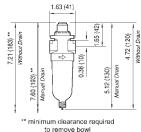
Features:

- pressure range 5-100 PSI
- relieving type
- inlet pressure 250 PSI maximum
- maximum temperature: 150°F (66°C)
- supplied with a GC620 gauge

Port	Flow	with Gauge
Size	(SCFM)	Part #
1/4"	15	R07-200RGC

L07 Carded Miniature Lubricator





Features:

- 1 oz. reservoir
- inlet pressure 150 PSI maximum
- maximum temperature: 125°F (52°C)

Port	Flow	with Transparent Bowl
Size	(SCFM)	Part #
1/4"	15	

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.

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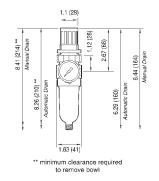
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B07 Carded Miniature Filter/Regulators

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 (52°C)
- · supplied with a GC620 gauge
- · bowl guard not available
- transparent bowl

Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	14	B07-202AGC	B07-202MGC





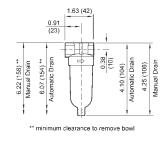
Pneumatic Accessories

SCFM ratings given at 150 PSIG inlet pressure.

F07 Miniature Filters

- 5 micron element
- 1 oz. reservoir
- inlet pressure 150 PSI maximum
- maximum temperature: 125°F (52°C)
- transparent bowl

Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
1/8"	19	F07-100A	F07-100M
1/4"	24	F07-200A	F07-200M



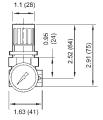


SCFM ratings given at 90 PSIG inlet pressure.

R07 Miniature Regulators

- pressure range 5-100 PSI
- relieving type
- inlet pressure 300 PSI max.
- maximum temperature: 150°F (66°C)
- regulation at flows up to 22 SCFM at 100 PSIG
- RG models supplied with a GC620 gauge
- panel nut not included

Port Size	Flow (SCFM)	with Gauge Part #	without Gauge Part #
1/8"	14	R07-100RG	R07-100R
1/4"	15	R07-200RG	R07-200R



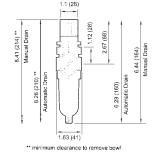


SCFM ratings given at 100 PSIG inlet pressure.

B07 Miniature Filter / Regulators

- 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 (52°C)
- supplied with a GC620 gauge
- bowl guard not available
- · transparent bowl

Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/8"	13	B07-102AG	B07-102MG
1/4"	24	B07-202AG	B07-202MG





SCFM ratings given at 150 PSIG inlet pressure.

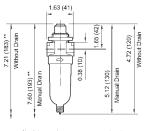
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L07 Miniature Lubricators

- 1 oz. reservoir
- inlet pressure 150 PSI maximum
- maximum temperature: 125°F (52°C)

Port	Flow	Transparent Bowl
Size	(SCFM)	Part #
1/8"	10	L07-100A
1/4"	14	L07-200A

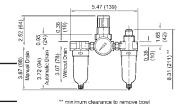


** minimum clearance to remove bowl

P1A Miniature Combination Units

- pressure range 5-125 PSI
- 1 oz. reservoir
- supplied with a GC620 gauge
- inlet pressure 150 PSI maximum
- maximum temperature: 125°F (52°C)
- transparent bowl

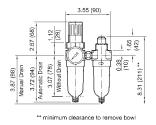
Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/8"	10	P1A-100A	P1A-100M
1/4"	14	P1A-200A	P1A-200M



PTH Miniature Combination Units

- pressure range 5-125 PSI
- requires only 2 pipe connections
- inlet pressure 150 PSI maximum
- maximum temperature: 125°F (52°C)
- · transparent bowl

•	Port Size	Flow (SCFM)	Automatic Drain Part #
		, ,	
	1/8"	10	PTH-100AG
	1/4"	14	PTH-200AG



F72 Sub-Compact 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 (52°C)
 - metal bowl: 250 PSI and 150°F (66°)

Transparent Bowl

Port	Flow	Semi-Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	55	F72G-2A	F72G-2M

with metal bowl

with transparent bowl

Port Size	Flow (SCFM)	Semi-Automatic Drain Part #	Manual Drain Part #
1/4"	55	F72G-2A-MB	F72G-2M-MB

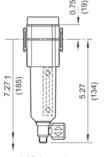
Metal Bowl and Sight Glass

Port	Flow	Semi-Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	55	F72G-2A-MB	F72G-2M-MB

FRL's are designed for air service only, unless otherwise indicated.

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† Minimum clearance to remove bowl



Minimum clearance to remove bowl

Accessories

F73 Compact Airline Filters

Features:

(216)

" Minimum clearance required to remove bowl

- 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 (52°C)
 - metal bowl: 250 PSI and 175°F (79°C)

Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
1/4"	53	F73G-2A	F73G-2M
3/8"	65	F73G-3A	F73G-3M
1/2"	69	F73G-4A	F73G-4M

Metal Bowl and Sight Glass

Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	53	F73G-2A-MB	F73G-2M-MB
3/8"	65	F73G-3A-MB	F73G-3M-MB
1/2"	69	F73G-4A-MB	F73G-4M-MB



with transparent bowl



with metal bowl

F74 Standard Airline Filters

- 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 (52°C)
 - metal bowl: 250 PSI and 175°F (79°C)

with transparent bowl

Transparent Bowl and Guard

		<u> </u>	
Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
3/8"	112	F74G-3A	F74G-3M
1/2"	140	F74G-4A	F74G-4M
3/4"	140	F74G-6A	F74G-6M

Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
3/8"	112	F74G-3A-MB	F74G-3M-MB
1/2"	140	F74G-4A-MB	F74G-4M-MB
3/4"	140	F74G-6A-MB	F74G-6M-MB



with metal bowl



See pages 422 to 427 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 90 PSIG inlet pressure.

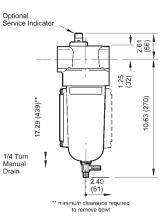
F17 Jumbo Airline Filters

Features:

- general purpose with low pressure drop and excellent water removal characteristics
- 40 micron element
- 1 gt. reservoir
- inlet pressure: 250 PSI and 175°F (79°C)

Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
3/4"	325	F17-600A	F17-600M
1"	425	F17-800A	F17-800M
11/4"	425	F17-A00A	F17-A00M
1½"	425	F17-B00A	F17-B00M



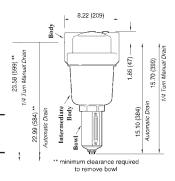


Features:

- 40 micron element
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- 7 oz. reservoir
- inlet pressure: 250 PSI and 175°F (79°C)

Metal Bowl and Sight Glass

Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
2"	1400	F18-C00A	

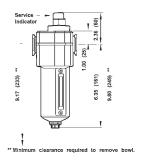


F74 Oil Removal Filters

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 (66°C)

_				
	Port Size	Flow (SCFM) Saturated	SCFM Dry	Automatic Drain Part #
	3/8"	35	70	F74C-3A-MB
	1/2"	35	75	F74C-4A-MB
	1/2"	60	100	F74H-4A-MB
	3/4"	60	120	F74H-6A-MB







FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings at 90 PSIG inlet pressure.

F74 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 (66°C)
- metal bowl

(232)

9.13



Port Size	Flow (SCFM)	Automatic Drain with Metal Bowl Part #
3/8"	21	F74V-3A-MB
1/2"	21	F74V-4A-MB

SCFM ratings at 90 PSIG inlet pressure.

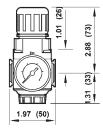


R72 Sub-Compact Regulators

Features:

- pressure range 5-150 PSI
- inlet pressure: 300 PSI
- maximum temperature: 150°F (66°C)
- in-line or modular installation
- two full flow ⅓" NPT gauge ports
- RG models supplied with GC620 gauge
- To order 0-60 PSI range consult Dixon®.

Port Size	Flow (SCFM)	with Gauge Part #	without Gauge Part #
1/4"	70	R72G-2RG	R72G-2R
3/8"	70	R72G-3RG	R72G-3R



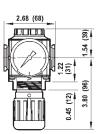
R73 Compact Regulators

Features:

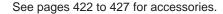
- pressure range 5-150 PSI
- inlet pressure: 300 PSI
- maximum temperature: 150°F (66°C)
- in-line or modular installation
- relieving type
- two full flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge
- To order 0-60 PSI range consult Dixon®.

Port Size	Flow (SCFM)	with Gauge Part #	without Gauge Part #
1/4"	91	R73G-2RG	R73G-2R
3/8"	144	R73G-3RG	R73G-3R
1/2"	144	R73G-4RG	R73G-4R





G





R74 Standard Regulators

Features:

3.15 (80)

4.25 (108)

5.98 (152)



- inlet pressure: 300 PSI
- maximum temperature: 150°F (66°C)
- in-line or modular installation

	type !

- two full flow ¼" NPT gauge ports
- · RG models supplied with GC230 gauge
- To order 0-60 PSI range consult Dixon®.

Port Size	Flow (SCFM)	with Gauge Part #	without Gauge Part #
3/8"	208	R74G-3RG	R74G-3R
1/2"	220	R74G-4RG	R74G-4R
3/4"	220	R74G-6RG	R74G-6R



R17, R18 Jumbo Regulators

Features:

- pressure range 5-125 PSI
- inlet pressure: 300 PSI
- maximum temperature: 175°F (79°C)
- · in-line or modular installation
- · relieving type
- two full-flow 1/4" NPT gauge ports
- RG models supplied with GC230 gauge

Port Size	Flow (SCFM)	with Gauge Part #	without Gauge Part #
3/4"	440	R17-600RG	R17-600R
1"	480	R17-800RG	R17-800R
11/4"	400	R17-A00RG	R17-A00R
1½"	440	R17-B00RG	R17-B00R



SCFM ratings given at 150 PSIG inlet pressure



(247)

- 5-125 PSI range
- inlet pressure: 450 PSI
- maximum temperature: 175°F (79°C)
- · relieving type
- two full flow 1/4" NPT gauge ports
- RG model supplied with GC230 gauge

Port	Flow	with Gauge	without Gauge
Size	(SCFM)	Part #	Part #
2"	2000	R18-C05RG	R18-C05R

SCFM ratings given at 100 PSIG inlet pressure



R11 General T-Handle 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.

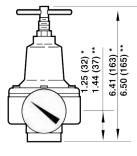


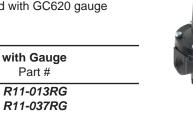
- pressure range 5-125 PSI
- inlet pressure: 400 PSI
- · T-handle adjustment
- supplied with GC620 gauge
- maximum temperature: 175°F
 - (79°)

Flow (SCFM)	with Gauge Part #
110	R11-013RG
110	R11-037RG
260	R11-061RG
	(SCFM) 110 110

SCFM ratings at 150 PSIG.

See pages 422 to 427 for accessories.







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R72 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.

Features:

- pressure range 5-150 PSI
- inlet pressure: 300 PSI
- maximum temperature: 150°F (66°C)
- RG models supplied with GC620 gauge

Port Size	Flow (SCFM)	with Gauge Part #	without Gauge Part #
1/4"	83	R72M-2RG	R72M-2R
3/8"	83	R72M-3RG	R72M-3R

SCFM ratings at 150 PSIG.

(26) 1.0 2.88 (33 뜐 1.97 (50)

R83 Cylinder Gas Regulator

(L)

Applications:

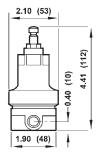
UL listed for service with Carbon Dioxide, water, pumped air, Nitrogen, Argon, Helium, Krypton, Neon and Xenon. Not to be used with flammable gases.

Features:

- pressure range 5-125 PSI
- inlet pressure: 3000 PSI
- maximum temperature: 140°F (60°C)
- · relieving type
- two ports for high pressure and two ports for service

Port	Flow	without Gauge	
Size	(SCFM)	Part #	
1/4"	10		

SCFM ratings given at 1000 PSIG inlet pressure.



8



R91 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 (52°C)
- non-relieving type
- supplied with GC620 gauge
- food grade elastomers

Port	Flow	with Gauge
Size	(GPM)	Part #
1/4"	1.75	

Flow rating at 100 PSIG.

See pages 422 to 427 for accessories.



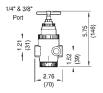
A FRL's are designed for air service only, unless otherwise indicated.

R43 Water Pressure 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

Port

Size

1/4"

3/8"

1/2"

gauge port is full-flow and can be used as an outlet port

Flow

(GPM)

5

5

10

Flow

(GPM)

27.5

27.5

•	supplied	with	GC230	gauge
---	----------	------	-------	-------

- · temperature range:
 - water service: 35° to 200°F (2°C to 93°C)
 - air service: -30° to 200°F (-34°C to 93°C)

with Gauge

Part #

R43-201RG

R43-301RG

R43-406RG





11-009 Water Regulators

Application:

5.00 (127)

Balanced valve minimizes effects of the inlet pressure variations on outlet pressure.

Port

Size

3/4"

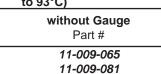
1"

(241)

9.50

(41)

- 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)





B72 Sub-Compact Filter / Regulators

Features:

- particle removal per ISO 8573-1, Class 5 and Class 3
- pressure range 5-150 PSI in-line or modular installation
- 40 micron element
- 2 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- supplied with GC620 gauge
- inlet pressure:
 - transparent bowl: 150 PSI and 125°F (52°C)
 - metal bowl: 250 PSI and 150°F (66°C)

Transparent Bowl

Port	Flow	Semi-Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	80	B72G-2AG	B72G-2MG

Metal Bowl and Sight Glass

Port	Flow	Semi-Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	80	B72G-2AG-MB	B72G-2MG-MB
3/8"		B72G-3AG-MB	B72G-3MG-MB



with transparent bowl



with metal bowl

Semi auto Drain ** minimum clearance required to remove bowl

** minimum clearance required

to remove bowl

See pages 422 to 427 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.



Pneumatic





with transparent bowl

with metal bowl

B73 Compact Filters / Regulators

Features:

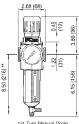
- particle removal per ISO 8573-1, Class 5 and Class 3
- pressure range 5-150 PSI
- in-line or modular installation
- 40 micron element
- 3.5 oz. reservoir
- quick-release bayonet bowl
- prismatic lens liquid level indicator
- supplied with GC230 gauge
- inlet pressure:
 - transparent bowl: 150 PSI and 125°F (52°C)
 - metal bowl: 250 PSI and 175°F (79°C)

Transparent Bowl

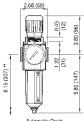
Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
1/4"	78	B73G-2AG	B73G-2MG
3/8"	123	B73G-3AG	B73G-3MG
1/2"	123	B73G-4AG	B73G-4MG

Metal Bowl and Sight Glass

Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	78	B73G-2AG-MB	B73G-2MG-MB
3/8"	123	B73G-3AG-MB	B73G-3MG-MB
1/2"	123	B73G-4AG-MB	B73G-4MG-MB



** minimum clearance required to remove bowl



** minimum clearance required to remove bowl

B74 Standard Filters / Regulators

Features:

- pressure range 5-150 PSI
- 40 micron element
- 7 oz. reservoir
- relieving type
- supplied with GC230 gauge
- inlet pressure:
 - transparent bowl: 5-150 PSI and 125°F (52°C)
 - metal bowl: 5-150 PSI and 175°F (79°C)

Transparent Bowl and Guard



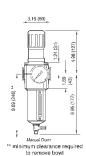
with guard

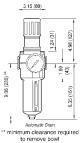
with metal bowl

Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/2"	212	B74G-4AG	B74G-4MG
3/4"	212	B74G-6AG	B74G-6MG

Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
3/8"	163	B74G-3AG-MB	B74G-3MG-MB
1/2"	212	B74G-4AG-MB	B74G-4MG-MB
3/4"	212	B74G-6AG-MB	B74G-6MG-MB





DPL418

See pages 422 to 427 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 150 PSIG inlet pressure.

L72 Sub-Compact Micro-Fog Lubricators

Application:

1.98 (50)

** minimum clearance required to remove bowl

8.58 (218) **

7.79 (198) **

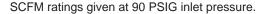
9.29 (236) Closed Bottom 10.04 (255) With Drain

- · 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 sightfeed 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 (38°C)
- maximum operating conditions:
- transparent bowl: 150 PSI and 125°F (52°C)
- metal bowl: 250 PSI and 175°F (79°C)

Port	Flow	Transparent Bowl	Metal Bowl
Size	(SCFM)	Part #	Part #
1/4"	51	L72M-2	L72M-2MB





with transparent bowl

L73 Compact Micro-Fog Lubricators

Features:

£1 (70)

Closed 5.38 (137) 6.15 (156)

With Drain

- 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 (38°C)
- maximum operating conditions:
 - transparent bowl: 150 PSI and 125°F (52°C)
 - metal bowl: 250 PSI and 175°F (79°C)

Port Size	Flow (SCFM)	Transparent Bowl Part #	Metal Bowl Part #
1/4"	70	L73M-2	L73M-2MB
3/8"	70	L73M-3	L73M-3MB
1/2"	70	L73M-4	L73M-4MB

SCFM ratings given at 90 PSIG inlet pressure.



See pages 422 to 427 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

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

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.



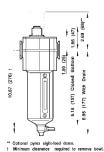
transparent bowl

L74 Standard Micro-Fog Lubricators

- 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 (38°C)
- maximum operating conditions:
 - transparent bowl: 150 PSI and 125°F (52°C)
 - metal bowl: 250 PSI and 175°F (79°C)

Port Size	Flow (SCFM)	Transparent Bowl Part #	Metal Bowl Part #
3/8"	114	L74M-3	L74M-3MB
1/2"	154	L74M-4	L74M-4MB
3/4"	142	L74M-6	L74M-6MB

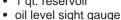
SCFM ratings given at 90 PSIG inlet pressure.



L17 Jumbo Micro-Fog Lubricators

Features:

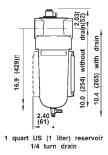




- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: 250 PSI
- maximum temperature: 175°F (79°C)

		` ,
Port Size	Flow (SCFM)	Metal Bowl with Sight Glass Part #
3/4"	160	L17-600A
1"	275	L17-800A
11/4"	275	L17-A00A
1½"	275	L17-B00A

SCFM ratings given at 90 PSIG inlet pressure.



10-076 Jumbo General Purpose Oil-Fog Lubricators

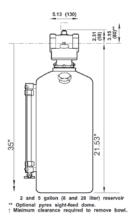
Features:

- · 2 gallon reservoir
- · oil flow can be positively set
- · reservoir is ASME constructed
- inlet pressure: 250 PSI
- maximum temperature: 175°F (793C)
- · oil level sight gauge

Port	Flow	Metal Bowl with Sight Glass
Size	(SCFM)	Part #
2"	1000	10-076-004

See pages 422 to 427 for accessories. See page 367 for air tool lubricant. SCFM ratings given at 100 PSIG inlet pressure.

FRL's are designed for air service only, unless otherwise indicated.





Micro-Fog Lubricator with Pyrex Sight Feed Dome

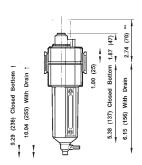
Application:

- 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
- · 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:

Compact

- 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 (79°C)

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass Part #
3/8"	60	L73M-3MBPX
1/2"	60	L73M-4MBPX



Standard

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 (79°C)

		· · · ·
Port Size	Flow (SCFM)	Metal Bowl with Sight Glass Part #
3/8"	114	L74M-3MBPX
1/2"	154	L74M-4MBPX
3/4"	142	L74M-6MBPX



Jumbo

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 (79°C)

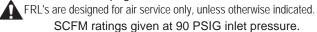
Port	Flow	Metal Bowl with Sight Glass
Size	(SCFM)	Part #
1"	275	L17-800APX



1 quart US (1 liter) reservoir 1/4 turn drain

16.9

See pages 422 to 427 for accessories. See page 367 for air tool lubricant.



L74 Standard Oil-Fog Lubricators

Applications:

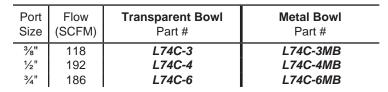
• Oil-fog lubricators, identified by a green adjusting screw, are used for lubricating a single air tool or air motor and should be installed as near the device as possible.

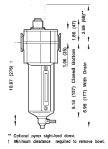
Features:

- 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 (52°C)
 - metal bowl: 250 PSI and 175°F (79°C)
- · 7 oz. reservoir

metal bowl

metal bowl





L17 Jumbo Oil-Fog Lubricators

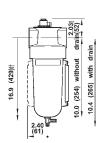
Application:

· 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.

Features:

- 1 qt. reservoir
- · oil level sight gauge
- · All the oil visible dropping through the transparent sight-feed dome goes to the airstream.
- one turn threaded bowl attachment permits easy maintenance
- inlet pressure: 250 PSI
- maximum temperature: 175°F(79°C)

Port Size	Flow (SCFM)	Metal Bowl with Sight Glass Part #
3/4"	160	L17-600D
1"	275	L17-800D
11/3"	275	L17-B00D



1/4 turn drain

See pages 422 to 427 for accessories. See page 367 for air tool lubricant.



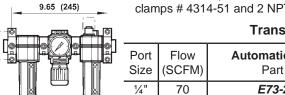
FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.

E73 Compact Combination Units

Features:

- 5-150 PSI range
- · 4 oz. reservoir
- · inlet pressure:
 - transparent bowl: 150 PSI and 125°F (52°C)
 - metal bowl: 250 PSI and 175°F (79°C)
- · 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.



Transparent Bowl

Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
1/4"	70	E73-2A	E73-2M
3/8"	70	E73-3A	E73-3M
1/2"	70	E73-4A	E73-4M



metal bowls

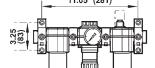
Metal Bowl

Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
3/8"	70	E73-3A-MB	E73-3M-MB
1/2"	70	E73-4A-MB	E73-4M-MB

E74 Standard Combination Units

Features:

- pressure range 5-150 PSI
- 7 oz. reservoir
- · inlet pressure:
 - transparent bowl: 150 PSI and 125°F (52°C)
 - metal bowl: 250 PSI and 175°F (79°C)
- 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.



Transparent Bowl and Guard

Port	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/2"	150	E74-4A	E74-4M
3/4"	140	E74-6A	E74-6M

tal Rowl and Sight Glass

	Wetai bowi and Signit Glass				
Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #		
3/8"	110	E74-3A-MB	E74-3M-MB		
1/2"	150	E74-4A-MB	E74-4M-MB		
3/4"	140	E74-6A-MB	E74-6M-MB		



transparent bowl with quard

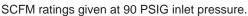
P8A Jumbo Combination Units

Features:

- pressure range 5-125 PSI
- 1 qt. reservoir
- inlet pressure: 250 PSI
- maximum temperature: 175°F (79°C)

Metal Bowl and Sight Glass

Port Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
1"	275	P8A-860A	P8A-860M





FRL's are designed for air service only, unless otherwise indicated.



with metal bowls

17-016 Drip Leg Automatic Drain

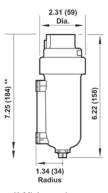
Application:

 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 ½" NPT
- inlet pressure: 250 PSIG
- maximum temperature: 175°F (79°C)

Port Size	Part #
1/2"	17-016-107



** Minimum clearance to remove bowl.

Filter Elements



5 micron element 5925-03

Used On	Description	Part #
F07	5 micron	3652-11
F08	5 micron	3161-16
Γ00	40 micron	3161-18
	5 micron bronze	5311-01
F17	25 micron bronze	5311-02
	40 micron bronze	5311-03
	5 micron bronze	5882-11
F18	25 micron bronze	5882-12
	50 micron bronze	5882-13
F72	5 micron	5925-03
Γ/Ζ	40 micron	5925-02
F73	5 micron	4438-01
г/3	40 micron	4438-03
F74	5 micron	4338-04
г/4	40 micron	4338-05

Filter Bowl / Bowl Guards



transparent bowl and guard 4325-51R

Used On	Used On Description	
F07	F07 polycarbonate bowl with auto drain polycarbonate bowl with manual drain	
F08	transparent bowl with manual drain	3776-50
F17	F17 metal bowl with petcock drain	
F72	transparent bowl with manual drain	4266-50RF
	transparent bowl with semi-automatic drain	4266-52RF
F73	transparent bowl with manual drain, ¼ turn	4425-50RF
F73	transparent bowl with auto drain	4425-51RF
F74	plastic bowl assembly with guard and ¼ turn manual drain plastic bowl assembly with guard and automatic drain	4325-51R 4325-52R

Filter Drains

Used On	Description	Part #
F17,F74	auto drain manual drain	3000-10 619-50
	manual drain assembly	2796-52
F72,F73	auto drain	4000-51R
F72,F73 F74	manual drain	619-50



Filter Lens Kits

Used On	Description	Part #
F72	liquid level lens kit	4380-020
F73	liquid level lens kit	4380-030
F74	high pressure dome sight glass kit	4380-051



Filter Indicator Conversion Kit

Features:

- · allows addition of service life indicator in the field
- for general purpose and oil removal filters

Used On	Description	Part #
F72,F73,F74	service life indicator	5797-50



Filter Service Kit

Used On	Description	Part #
F17 F18 F73 F74	O-rings, seals, and gaskets	5578-05 5945-50 4380-600 4380-700



Filter Oil / Vapor Removal Filters

Used On	Description	Part #
F74C	oil removal filter	4344-01
F74H	oil removal filter	4344-02
F74V	vapor removal filter	4341-01



G



Regulator Springs



Used On	Pressure Ratings	Part #
R74	5-60 PSI 5-150 PSI	4332-01 4332-02

Tamper Resistant Covers

Footures:

- 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 #
R72 R73 R74	tamper resistant cover with seal wire tamper resistant cover with seal wire tamper resistant cover with seal wire	4455-51

Regulator Panel Nuts



l	Jsed On	Description	Part #
	R07	plastic panel nut	2962-89
	R08	plastic panel nut	5191-89
	R17	metal panel nut	5226-97
	R72	plastic panel nut	4248-89
	R73	zinc panel nut	5191-88
	R74	zinc panel nut	4348-89

Regulator Diaphragm Relieving Kits



3407-02



Llaad On	Description	Dow't #
Used On	Description	Part #
R07		3407-02
R08		5298-14
R11		529-03
R17	diaphragm, relieving	5578-02
R72		4381-500
R73		4381-600
R74		4381-700

U

Lubricator Bowl / Bowl G	iuards

Used On	Description	Part #
L07	polycarbonate bowl with manual drain	3646-54
L73	transparent bowl with manual drain	4425-50RL
L74	metal bowl with liquid level indicator and ¼ turn manual drain	4303-77R
	transparent bowl with manual drain	4325-50R



3646-54

Seal Wire

Features:

• provides tamper resistant protection of the lubricator drip rate setting

Used On	Description	Part #
L73, L74	metal wire	2117-01



Domes, Caps and Plugs

Used On	Description	Part #
L08	quick fill cap	18-011-024
L17, L74	quick fill cap	18-011-021
L73, L74	aluminum fill plug	5301-55
L17, L72, L73, L74	sight feed dome (micro-fogging design)	4055-50
L72, L74	sight feed dome (oil-fogging design)	4055-51
L74	high pressure sight feed dome	5605-50
L/4	liquid level indicator repair kit	4380-050



18-011-021



5605-50

Lubricator Seal Kits

Used On	Description	Part #
L17 L73 L74	O-rings, seals, and gaskets	5771-02 4382-600 4382-700



5771-02







quick-clamp bracket



quick-clamp with bracket

Quick Clamps and Brackets

Features:

Quick-clamp

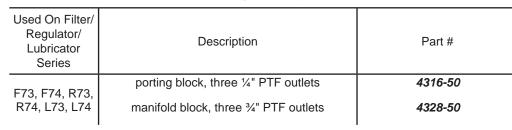
- provides modular installation capability
- flanges designated to slide into V grooves in clamp
- face-sealing O-rings provide a positive seal when clamp is closed and screw tightened Bracket for quick-clamp
- provides secure mounting to a wall, machine panel or other flat surface

Used On Filter/ Regulator/ Lubricator Series	Description	Part #
L72	quick-clamp	4214-51
F72	quick-clamp service kit (2 O-rings)	4384-570
R72	quick-clamp and bracket assembly	4214-52
	quick-clamp	4314-51
F73, F74, R73,	quick-clamp service kit (2 O-rings)	4384-770
R74, L72, L73	wall bracket for quick-clamp (uses 7/32" screws)	4313-50
	quick-clamp and bracket assembly	4314-52

Blocks

Features:

- · installed with quick-clamps
- · provides additional outlets and manifolding capability









porting brook

Pipe Adapters

Features:

- installed with quick-clamps
- provides PTF connections to system piping
- sold individually



Used On Filter/ Regulator/ Lubricator Series	Description	Part #
L72, F72, R72	1/4" PTF connections 3/8" PTF connections	4215-02 4215-03
F73, F74, R73, R74, L73, L74	1/4" PTF connections 3/8" PTF connections 1/2" PTF connections 3/4" PTF connections	4315-01 4315-02 4315-03 4315-04

• Used on Filters / Regulators / Lubricator series

Mounting Brackets

Used On	Description	Part #
F07 L07	mounting bracket only mounting bracket only	5939-06 5095-17
F17, L17	mounting bracket kit for 3/4" and 1" ported units	6212-50



Pneumatic Accessories

Wall Mounting Brackets

Features:

- alternate to quick-clamps and pipe adapters
- used to secure to a wall, machine panel or other flat surface
- Use close nipples on page 662 to connect combination unit and then place in bracket.

Used On Filter/ Regulator/ Lubricator Series	Description	Part #
L72, F72, R72	wall mounting bracket for all F72 series	4224-50
L73, F73, R72	wall mounting bracket for all F73 series	4424-50
L74, F74, R74	wall mounting bracket for all F74 series	4324-50



4324-50

Regulator Mounting Brackets

Used On Filter/ Regulator/ Lubricator Series	Description	Part #
B07, R07 B08, R08 R17	mounting bracket with plastic panel nut	18-025-003 5203-06 5570-04



5203-06



Watts Filters

F602 Compact

Features:

- 40 micron polypropylene element
- 4.4 oz. bowl
- zinc body
- maximum operating:
 - temperature range: 40°F (4°C) to 125°F (52°C)
 - maximum pressure: 150 PSIG (10.2 bar)

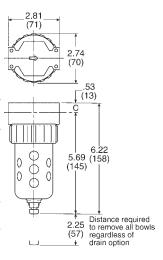
Polycarbonate Bowl with Metal Bowl Guard

Ciro	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	53	F602-02BJR	F602-02BJ
3/8"	80	F602-03BJR	F602-03BJ
1/2"	85	F602-04BJR	F602-04BJ
3/8"	80	F602-03BJR	F602-03BJ

Zinc Bowl with Sight Glass

Size	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	53	F602-028A	F602-024A
3/8"	80	F602-038A	F602-034A
1/2"	85	F602-048A	F602-044A

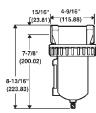
SCFM ratings given at 90 PSIG inlet pressure.





Features:

- 40 micron polypropylene element
- · automatic drain operating conditions:
 - temperature range: 40°F (4°C) to 120°F (49°C)
 - maximum operating: 175 PSIG (12 bar)
- manual drain operating conditions:
 - temperature range: 40°F (4°C) to 150°F (66°C)
 - maximum operating: 250 PSIG (17 bar)

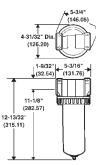




Polycarbonate bowl with guard

Zinc Body with Sight Glass and 16" Bowl

Size	Flow (SCFM)	Automatic Drain Part #	Manual Drain Part #
3/4"	270	F602-06WJR	F602-06WJ
1"	300	F602-08WJR	F602-08WJ
1½"	450	F602-12WJR	F602-12WJ





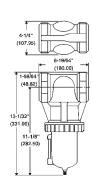
Sizo	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
2"	1200	F602-16WJR	F602-16WJ



See pages 433 to 434 for accessories.

A FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 90 PSIG inlet pressure.



Watts Filters/Regulators

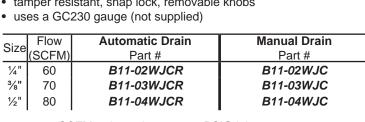
B11 Compact

Features:

2.433

- pressure range 2 125 PSIG (.15 8.5 bar)
- temperature range: 40°F (4°C) to 120°F (49°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

Size	Flow	Automatic Drain	Manual Drain
0120	(SCFM)	Part #	Part #
1/4"	60	B11-02WJCR	B11-02WJC
3/8"	70	B11-03WJCR	B11-03WJC
1/2"	80	B11-04WJCR	B11-04WJC





Accessories

SCFM ratings given at 100 PSIG inlet pressure.

Watts Regulators

R643 Miniature

Features:

- pressure range **2 125 PSIG** (.15 8.5 bar) inlet pressure: **300 PSIG** (20.4 bar) maximum temperature range: **40°F** (**4°C**) to **120°F** (**49°C**)

- relieving type
- diaphragm operated
- non-rising adjusting knob
- 1/4" gauge port

Size	Flow (SCFM)	Body Material	With Gauge Part #	Without Gauge Part #
1/4"	10 -	brass	R364-02CG	R364-02C
		aluminum	R374-02CG	R374-02C
1	MEAN	'	'	

SCFM ratings given at 100 PSIG inlet pressure.





See pages 433 to 434 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

SCFM ratings given at 100 PSIG inlet pressure.

Watts Regulators

R11 Compact

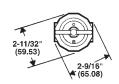
Features:

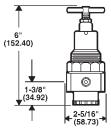
- pressure range 2 125 PSIG (.15 8.5 bar) inlet pressure: 300 PSIG (20.4 bar) maximum temperature range: 40°F (4°C) to 120°F (49°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- uses a GC230 gauge

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1/4"	80	R11-02CG	R11-02C
3/8"	80	R11-03CG	R11-03C
1/2"	100	R11-04CG	R11-04C



R119 Standard



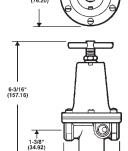


Features:

- pressure range 2 125 PSIG (.15 8.5 bar)
- inlet pressure: **300 PSIG** (20.4 bar) maximum
- temperature range: 40°F (4°C) to 120°F (49°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- brass bottom plug
- aluminum spring cage
- uses a GC230 gauge

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
1/4"	100	R119-02CG	R119-02C
3/8"	110	R119-03CG	R119-03C
1/2"	150	R119-04CG	R119-04C

SCFM ratings given at 100 PSIG inlet pressure.



4-11/16" Dia. (119.06)

1-15/16" (49.21)

4-7/16" (112.71)

10-7/16" (265.11)

R119 High-Flow

Features:

- pressure range 2 125 PSIG (.15 8.5 bar)
- inlet pressure: 300 PSIG (20.4 bar) maximum
- temperature range: 40°F (4°C) to 120°F (49°C)
- zinc body
- relieving type
- diaphragm operated
- spring adjustment mechanism
- t-handle design
- acetal bottom plug
- aluminum spring cage
- uses a GC230 gauge

Size	Flow (SCFM)	With Gauge Part #	Without Gauge Part #
3/4"	300	R119-06CG	R119-06C
1"	400	R119-08CG	R119-08C
1½"	500	R119-12CG	R119-12C

SCFM ratings given at 100 PSIG inlet pressure.

See pages 433 to 434 for accessories.



FRL's are designed for air service only, unless otherwise indicated.

Watts Lubricators

General Features:

- · general purpose use
- · high performance over a very wide flow range

L606 Compact

Features:

- 2.6 oz. bowl
- zinc body
- micromist
- · maximum operating conditions:
 - temperature range: 40°F (4°C) to 125°F (52°C)
 - maximum operating pressure: 150 PSIG (10.2 bar)

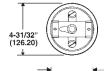
Size	I - I()\//	Polycarbonate Bowl with Metal Bowl Guard Part #	Zinc Bowl Sight Glass with Twist Drain Part #
1/4"	40	L606-02B	L606-024B
3/8"	60	L606-03B	L606-034B
1/2"	90	L606-04B	L606-044B



Polycarbonate bowl with guard

SCFM ratings given at 90 PSIG inlet pressure.

L606 Standard



2.24 (57)

5.58[°] (142)

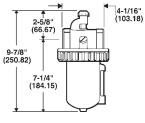
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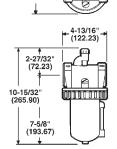
7.82 (199)

2.25 Distance required to remove all bowls regardless Distance required

of drain option



4-31/32" (126.20)



Features:

- 16 oz. bowl
- zinc body
- · maximum operating conditions:
- temperature range: 40°F (4°C) to 150°F (66°C)
- maximum operating pressure: **250 PSIG** (17 bar)
- 3/4", 1" and 11/2" are fillable while under pressure

Size Flow (SCFM)		Zinc Bowl with Sight Glass Part #
3/4"	325	L606-06W
1"	350	L606-08W
1½"	400	L606-12W





431

See page 367 for air tool lubricant.



See pages 433 to 434 for accessories.

FRL's are designed for air service only, unless otherwise indicated.



ccessories

Pneumatic

Watts Combination Units

C11 Compact

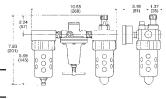
Features:

- 4.5 oz. bowl
- 40 micron polypropylene element
- zinc body
- maximum operating conditions:
 - temperature range: 40°F to 120°F (4°C to 49°C)
 - maximum operating pressure: 150 PSIG (10.2 bar)

Polycarbonate Bowl with Metal Bowl Guard

Size	Flow	Automatic Drain	Manual Drain
Size	(SCFM)	Part #	Part #
1/4"	40	C11-02A	C11-02M
3/8"	60	C11-03A	C11-03M
1/2"	85	C119-04A	C119-04M

SCFM ratings given at 90 PSIG inlet pressure.



C119 Standard



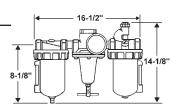
Features:

- 16 oz. bowl
- 40 micron polypropylene element
- zinc body
- maximum operating conditions:
 - temperature range: 40°F to 150°F (4°C to 66°C)
 - maximum operating pressure: 250 PSIG (17 bar)

Zinc Bowl with Sight Glass



Size	Flow	Automatic Drain	Manual Drain
0,20	(SCFM)	Part #	Part #
3/4"	275	C119-06AMB	C119-06MMB
1"	320	C119-08AMB	C119-08MMB
1½"	550	C119-12AMB	C119-12MMB





FRL's are designed for air service only, unless otherwise indicated.

Watts Kits & Accessories

Filter Elements

Used On	Description	Part #
F602-02,		
F602-03,	40 micron	PS701
F602-04		
F602-06,		
F602-08,	5 micron	EK602VB
F602-12		
F602-06,		
F602-08,	40 micron	EK602B
F602-12		
F602-16	40 micron	EK602G



Bowl with Twist Drain

Used On	Description	Part #	
F602-02 F602-03	polycarbonate bowl with twist drain	PS732	
F602-04			



Filter Drains

Used On	Description	Part #
F602, F602-03,	auto float drain	PS506
F602-04	twist drain	PS512





Watts Kits & Accessories

Regulator Repair Kits



Used On	Description	Part #
R11		RKR10Y
R119-02		RK119Y
R119-03		KKII91
R119-04	rolinying diaphroam, valvo appombly	RK119A
R119-06	relieving diaphragm, valve assembly	RK119B
R119-08		KKII9B
R119-12		RK119D
R364-02		RKR164Y

Lubricant Repair Kit



Used On	Description	Part #
L606-06 L606-08 L606-12	sight glass	RKB605WB

Lubricator Mounting Brackets





_			
	Used On	Description	Part #
	L606-02, F602-02, L606-03, F602-03, L606-04, F602-04		PS743
	F602 ¾", L606-06, F602-06	mounting bracket (2 required)	SA200AW57
F602 1", L606-08, n		mounting bracket (2 required)	SA200CW57

Regulator Mounting Brackets



SAR10Y57



SA15Y57

Used On	Description	Part #
R11, B11	mounting bracket with panel nut	SAR10Y57
R119-02	mounting bracket	SA15Y57
R119-03	Infounding bracket	3A13137
R119-04	mounting bracket	18A57
R119-06		
R119-08	mounting bracket	18B57
R119-12		
R364-02	mounting bracket with panel nut	SA161X57

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.)

ABS Standard Dry Gauges

Features:

- ASME B40.1, Grade B (± 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 (-40°C to 66°C)

Center Back Mounts

PSI Range	Fig. Inter.	Minor Grad.	1½" Face ¹ ⁄8" Center Back Mount Part #	2" Face 1/4" Center Back Mount Part #
0-15	1	.5		GC200
0-30	5	.5	GC605	GC215
0-60	5	1	GC610	GC220
0-100	10	2	GC615	GC225
0-160	20	5	GC620	GC230
0-200	20	5	GC625	GC235
0-300	30	5		GC240



GC230

G

Lower Mounts

PSI Range	Fig. Inter.	Minor Grad.	2" face, 1/4" lower mount Part #	2½" face ¼" lower mount Part #	3½" face ¼" lower mount Part #
0-15	1	.5	GL100	GL300	GS15-4
0-30	5	.5	GL115	GL320	GS30-4
0-60	5	1	GL120	GL325	GS60-4
0-100	10	2	GL125	GL330	GS100-4
0-160	20	5	GL130	GL335	GS160-4
0-200	20	5	GL135	GL340	GS200-4
0-300	30	5	GL140	GL345	GS300-4
0-400	50	10		GL347	GS400-4
0-600	50	10		GL350	GS600-4
0-1000	200	20		GL355	GS1000-4
0-1500	300	50		GL360	
0-2000	400	50		GL365	
0-3000	500	100		GL370	
0-5000	1000	100		GL375	



| 1000 | 100 | --- | GL3/3 | ---



Stainless Steel Dry Gauges

Applications:

 Designed for severe service applications, providing the corrosion resistance and durability of a permanently sealed gauge.

Features:

- ± 2-1-2% accuracy
- · 304 stainless steel case and crimp ring
- polycarbonate window
- 1/4" NPT lower mount stainless connector
- · 316 stainless bourdon tube and socket
- ambient temperature range: -40°F to 140°F (-40°C to 60°C)



PSI Range	Fig. Inter.	Minor Grad.	2½" Face ¼" Lower Mount Part #
0-15	3	.2	GSS15
0-30	5	.5	GSS30
0-60	10	1	GSS60
0-100	20	2	GSS100
0-160	20	2	GSS160
0-200	50	5	GSS200
0-300	50	5	GSS300
0-400	100	10	GSS400
0-600	100	10	GSS600
0-1000	200	20	GSS1000
0-1500	300	20	GSS1500
0-2000	500	50	GSS2000
0-3000	500	50	GSS3000
0-5000	1000	100	GSS5000
0-10000	2000	200	GSS10000

- 1.6% accuracy, exceeds ASME B.40.100 Grade B
- 304 series stainless case
- polycarbonate window, 31/2" across
- 1/4" NPT lower mount stainless connector
- 316L stainless bourdon tube and socket, polyester segment
- temperature range: -40°F to 140°F (-40°C to 60°C)



GSS160-4

PSI Range	Fig. Inter.	Minor Grad.	4" Face 1/4" Lower Mount Part #
0-15	3	.5	GSS15-4
0-30	5	.5	GSS30-4
0-60	10	1	GSS60-4
0-100	20	2	GSS100-4
0-160	20	2	GSS160-4
0-200	40	5	GSS200-4
0-300	50	5	GSS300-4
0-400	50	10	GSS400-4
0-600	100	10	GSS600-4
0-1000	200	10	GSS1000-4
0-1500	200	20	GSS1500-4
0-3000	500	50	GSS3000-4
0-5000	1000	100	GSS5000-4
0-10000	2000	200	GSS10000-4

Brass Standard Dry Gauges

Features:

- ASME B40.100 Grade B (± 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 (-40°C to 60°C)

PSI Range	Fig. Inter.	Grad. Inter.	2½" Face ¼" Lower Mount Part #
0-15	3	.2	GBR15
0-30	5	.5	GBR30
0-60	10	1	GBR60
0-100	20	2	GBR100
0-160	20	2	GBR160
0-200	50	5	GBR200
0-300	50	5	GBR300
0-400	100	10	GBR400
0-600	100	10	GBR600
0-1000	200	20	GBR1000
0-1500	300	20	GBR1500
0-2000	500	50	GBR2000
0-3000	500	50	GBR3000
0-5000	1000	100	GBR5000



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.

- 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: ± 0.5% ANSI/ASME Grade 2A
- scale: single scale PSI only

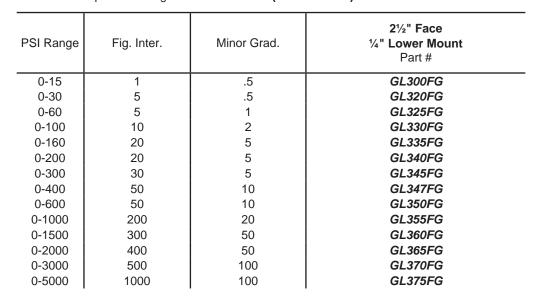
_				
	PSI Range	Fig. Inter.	Grad. Inter.	4½" Face ½" Lower Mount Part #
	0-30	5	.2	PGS30
	0-60	10	.5	PGS60
	0-100	10	1	PGS100
	0-160	20	1	PGS160
	0-200	20	2	PGS200
	0-300	50	2	PGS300
	0-600	10	5	PGS600
	0-1000	100	10	PGS1000



FlutterGuard™ Dry Gauges

Features:

- FlutterGuard™ virtually eliminates pointer flutter, making the gauge easier to read and reducing excessive movement wear. Liquid-free casing results in lighter weight and eliminates the chance of gauge leakage.
- ASME B40.1, Grade B (± 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 (-40°C to 66°C)





DPL418

Stainless Panel Builder Gauges

Applications:

- fits industry standard 2.56" panel hole cutout
- suitable for corrosive environments
- used in gaseous and liquid media

Features:

- ASME B40.100 Grade A ± 2-1-2% full scale accuracy
- 316L stainless steel wetted parts
- 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 (-20°C to 60°C)
- maximum media temperature 212°F maximum

PSI Range	Fig. Inter.	Minor Grad.	2½" Face ¼" Lower Back Mount Part #
0-15	3	.2	PBLSS15
0-30	5	.5	PBLSS30
0-60	10	1	PBLSS60
0-100	20	2	PBLSS100
0-160	20	2	PBLSS160
0-200	50	5	PBLSS200
0-300	50	5	PBLSS300
0-400	100	10	PBLSS400
0-600	100	10	PBLSS600
0-800	200	20	PBLSS800
0-1000	200	20	PBLSS1000
0-1500	300	20	PBLSS1500
0-2000	500	50	PBLSS2000
0-3000	500	50	PBLSS3000
0-5000	1000	100	PBLSS5000



G

Contractor Pressure Gauges

- accuracy class: ± 1% of span
 wetted parts: copper alloy
- window: acrylic, snap indial: aluminum, white
- pointer: aluminum, black, adjustable
- mounting flanged/bracket; rear flange: stainless steel
- · case: stainless steel

PSI Range	4½" face, ½" Lower Mount Part #
0-15	4277750-0001
0-30	4277768-0001
0-60	4277776-0003



Pneumatic Accessories



Compound Gauges

Features:

- ASME B40.1, Grade B accuracy (± 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 (-40°C to 66°C)

Mercury (Hg)	PSI Range	Fig. Inter. (Hg / PSI)	Minor Grad. (Hg / PSI)	2½" Face ¼" Center Back Mount Part #	2½" Face ¼" Lower Mount Part #
	0-100	30 / 10	5/2		GL310
30"	0-160	30 / 20	5/5	GC210	
30	0-160	30 / 20	10 / 10		GL110
	0-200	30 / 20	10 / 10		GL315

Vacuum Gauges

- ASME B40.1, Grade B accuracy (± 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 (-40°C to 66°C)



	Fig. Inter. (Hg / PSI)		2" Face 1/4" Lower Mount Part #	2" Face 1/4" Center Back Mount Part #	2½" Face ½" Lower Mount Part #
30"	5"	.5"	GL105	GC205	GL305

ABS Case Liquid Filled Gauges

Feature:

• ASME B40.100, Grade B (± 3-2-3% accuracy)

PSI Range	Fig. Inter.	Minor Grad.	2½" Face ¼" Lower Mount Part #
0-15	3	.2	GLP500
0-30	5	.5	GLP505
0-60	10	1	GLP510
0-100	20	2	GLP515
0-160	20	2	GLP517
0-200	50	5	GLP520
0-300	50	5	GLP525
0-400	100	10	GLP527
0-600	100	10	GLP530
0-1000	200	20	GLP535
0-1500	300	20	GLP540
0-2000	500	50	GLP545
0-3000	500	50	GLP550
0-5000	1000	100	GLP555



Accessories

Stainless Case Liquid Filled Gauges

- PowerFlex[™] movement with polyester segment designed to resist the effects of shock, vibration and pulsation.
- ASME B40.100, Grade A (± 2-1-2% accuracy)
- copper alloy bourdon tube
- · white aluminum dial with black numbers and black aluminum pointer
- 1/4" NPT brass connection
- · glycerin filled
- polycarbonate window
- temperature range: -4°F to 150°F (-20°C to 65°C)

PSI Range	Fig. Inter.	Minor Grad.	2½" Face ½" Center Back Mount Part #	2½" Face, ½" Lower Mount Part #
0-15	3	.5	GLSC400	GLS400
0-30	5	.5	GLSC405	GLS405
0-60	10	1	GLSC410	GLS410
0-100	20	2	GLSC415	GLS415
0-160	20	2	GLSC417	GLS417
0-200	40	5	GLSC420	GLS420
0-300	50	5	GLSC425	GLS425
0-400	50	5	GLSC427	GLS427
0-600	100	10	GLSC430	GLS430
0-1000	200	10	GLSC435	GLS435
0-1500	300	50	GLSC440	GLS440
0-2000	400	20	GLSC445	GLS445
0-3000	500	50	GLSC450	GLS450
0-5000	1000	100	GLSC455	GLS455







Stainless Steel Liquid Filled Gauges



Designed for severe service applications, providing the corrosion resistance and durability of a permanently sealed gauge.

Features:

- ± 2-1-2% accuracy
- polycarbonate window
- 1/4" NPT lower mount stainless connector
- 304 stainless case and crimp ring
- glycerin filled
- ambient temperature range: -4°F to 140°F (-20°C to 60°C)

PSI Range	Fig. Inter.	Minor Grad.	2½" Face ¼" Lower Mount Part #
0-15	3	.2	GLSS15
0-30	5	.5	GLSS30
0-60	10	1	GLSS60
0-100	20	2	GLSS100
0-160	20	2	GLSS160
0-200	50	5	GLSS200
0-300	50	5	GLSS300
0-400	100	10	GLSS400
0-600	100	10	GLSS600
0-1000	200	20	GLSS1000
0-1500	300	20	GLSS1500
0-2000	500	50	GLSS2000
0-3000	500	50	GLSS3000
0-5000	1000	100	GLSS5000
0-10000	2000	200	GLSS10000
	'	•	•

All Stainless Steel Liquid Filled Gauges

Applications:

· Designed for severe service applications, providing the corrosion resistance and durability of a permanently sealed gauge.

- ± 2-1-2% accuracy
- polycarbonate window
- 1/4" NPT center back mount stainless connector
- 304 stainless case and crimp ring
- glycerin filled
- ambient temperature range: -4°F to 140°F (-20°C to 60°C)

PSI Range	Fig. Inter.	Minor Grad.	2½" Face ½" Center Back Mount Part #
0-100	20	2	GLSSC100
0-160	20	2	GLSSC160
0-200	50	5	GLSSC200



Brass Liquid Filled Gauges

Features:

- ± 2-1-2% accuracy on 21/2"; ±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 (-20°C to 60°C)

PSI Range	Fig. Inter.	Minor Grad.	2½" Face ¼" Lower Mount Part #	2½" Face ¼" Center Back Mount Part #	4" Face ½" Lower Mount Part #
0-15	3	.2	GLBR15	GLBRC15	GLBR15-4
0-30	5	.5	GLBR30	GLBRC30	GLBR30-4
0-60	10	1	GLBR60	GLBRC60	GLBR60-4
0-100	10	1	GLBR100	GLBRC100	GLBR100-4
0-160	20	2	GLBR160	GLBRC160	GLBR160-4
0-200	20	2	GLBR200	GLBRC200	GLBR200-4
0-300	50	5	GLBR300	GLBRC300	GLBR300-4
0-400	50	5	GLBR400	GLBRC400	GLBR400-4
0-600	100	10	GLBR600	GLBRC600	GLBR600-4
0-1000	100	10	GLBR1000	GLBRC1000	GLBR1000-4
0-1500	300	20	GLBR1500	GLBRC1500	GLBR1500-4
0-2000	200	20	GLBR2000	GLBRC2000	GLBR2000-4
0-3000	500	50	GLBR3000	GLBRC3000	GLBR3000-4
0-5000	500	50	GLBR5000	GLBRC5000	GLBR5000-4
0-10000	1000	100			GLBR100004



Welding Gauges

- ± 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 (-20°C to 60°C)

PSI Range	Fig. Inter.	Minor Grad.	2½" Face ½" Lower Mount Part #
0-30	5	.5	GBRW30
0-30	5	.5	GBRW30R ¹
0-60	10	1	GBRW60
0-100	20	2	GBRW100
0-200	50	5	GBRW200
0-400	100	10	GBRW400
0-600	100	10	GBRW600
0-4000	500	100	GBRW4000



¹ red band between 15 to 30 PSI on GBRW30R

PSI OF

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 H20
- 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

PSI Range	2½" Face ¼" Lower Mount Part #
0-100	DG100
0-300	DG300
0-1000	DG1000
0-10,000	DG10000

G

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 (208°C)



Male IPS	Red Brass Part #
1/4"	401-01

- steel pipe
- ¼" NPT schedule 40 steel, welded
- pressure rating: 175 PSI at 340°F (171°C)



Male IPS	Steel Part #
1/4"	401-01S

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

Model 30 Back Connected

- 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

3" Face	
Part #	
30025064	540

Stem Length	Temperature Range	3" Face Part #
2½"	0-250°F/-20-120°C	30025064
21/2"	50-500°F/10-260°C	30025104
4"	0-250°F/-20-120°C	30040064
4"	50-500°F/10-260°C	30040104
6"	0-250°F/-20-120°C	30060064
6"	50-500°F/10-260°C	30060104
9"	0-250°F/-20-120°C	30090064
9"	50-500°F/10-260°C	30090104



Model 31 Bottom Connected 90° Angle

Stem Length	Temperature Range	3" Face Part #
2½"	0-250°F/-20-120°C	31025064
4"	50-500°F/10-260°C	31040104



Model 50 Back Connected

Stem Length	Temperature Range	5" Face Part #
2½"	50-500°F/10-260°C	50025104
4"	0-250°F/-20-120°C	50040064



Model 52 Adjustable Angle

emperature Range	5" Face Part #
-250°F/-20-120°C	52025064
-250°F/-20-120°C	52040064
0-500°F/10-260°C	52040104
)	-250°F/-20-120°C -250°F/-20-120°C





Pneumatic

Bi-Metal Pocket Thermometers

Features:

- case: 304 stainless steel hermetically sealed
- crystal: extra heavy polycarbonate
- stem: 304 series stainless steel
- external reset with hex nut on back of case
- bi-metal element: responsive actuation by bi-metal helix
- dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation
- scale length: approximately 2-1/8" (54mm)
- accuracy: 1%
- polyethylene carrying case with clip

Temperature Range	Part #
0°F to 220°F (-18°C to 104°C)	PT220
50°F to 550°F (10°C to 288°C)	PT550

Magnetic Surface Mount Thermometers

Features:

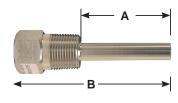
- case: steel, 2" x 1/2"
- dial: polished aluminum
- bi-metal element: responsive actuation by bi-metal helix
- accuracy: ± 2%

Temperature Range	2" Face Part #
0°F to 250°F (-18°C to 121°C) 0°F to 500°F (-18°C to 260°F)	



Threaded Thermowells

• 3/4" male NPT process connection



'A' dimension	'B' dimension	316 Stainless Steel Part #
15/8"	2½"	75TH2R015SS
2½"	4"	75TH2R025SS
4½"	6"	75TH2R045SS
7½"	9"	75TH2R075SS

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 #	Optional Qty
1/4"	1/4"	D444S	25
3/8"	1/4"	D446S	25



Push-On Ball Swivels

Feature:

· special barb design for secure grip in push-on type air hoses

Hose Size	Male NPT	Part #	Optional Qty
3/8"	1/4"	D446SL	25



In-Line Swivels

Features:

for air service only



- rated to 250 PSI at ambient temperature 70°F (21°C), minimum 35 PSI
- · heavy-duty, free turning steel swivel

Male NPT	Female NPT	Steel Part #
3/8"	1/2"	SV17
1/2"	1/2"	SV20
3/4"	3/4"	S <i>V</i> 26



Features:

- for air service only
- rated to 150 PSI at ambient temperature 70°F (21°C)

Male NPT	Female NPT	<i>Brass</i> Part #	
1/4"	1/4"	D344R	
3/8"	3/8"	D366R	



Air Tool Swivels

- · swivels at two locations so air hose can drop directly to the floor
- rated to 150 PSI at ambient temperature 70°F (21°C)
- do not use with percussion tools



Size	Aluminum Part #
1/4"	D344U ¹
3/8"	D346U
1/2"	D348U



¹ D344U is a non-marring composite.



Conical Mufflers

Application:

• threads into the exhaust ports of air tool, valves, cylinders and other pneumatic equipment

Features:

- reduces 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 (2°C to 149°C)

NPT T	hread	Overall Length	Nickel Plated Steel Part #
1/1	"	11/8"	CMF18
1/2	"	13/8"	CMF28
3/8	"	1½"	CMF38
1/2	"	11/8"	CMF48
3/2	"	21/4"	CMF68
1	1	27/8"	CMF88

Speed Control Mufflers

Features:

- maximum operating pressure: 300 PSI
- temperature range: 35°F to 300°F (2°C to 149°C)
- safe and infinte 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 postion is locked in place by th lock nut
- exhaust air noise is eliminated by a surrounding sleeve of sintered bronze







NPT Thread	Approximate Full Oper. Height	Maximum Adjusted SCFM	<i>Brass</i> Part #
1/8"	1-5/16"	20	SCM18
1/4"	1-9/16"	30	SCM28
3/8"	15/8"	40	SCM38
1/2"	2"	60	SCM48
3/4"	23/8"	70	SCM68
1"	2½"	100	SCM88

Breather Vents

Applications:

- used on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere
- · provides vacuum relief or pressure equalization on gear boxes, oil tanks or reservoirs

- 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 (2°C to 148°C)

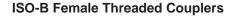


NPT Thread	Overall Length	Nickel Plated Steel Part #
1/8"	7/16"	ASP-1BV
1/4"	5/8"	ASP-2BV
3/8"	3/4"	ASP-3BV
1/2"	7/8"	ASP-4BV
3/4"	1"	ASP-6BV
1"	1-5/16"	ASP-8BV

Quick Disconnects	450 to 505	Adapters (cont.)	. 506 to 526
H-series	450 to 456	JIC (cont.)	511 to 517
H-BOP series	457	Sleeves	515
HS-series	458	Straight weld end metal hose fittings	517
K-series	459 to 460	45° elbow weld end metal hose fittings	517
AG-series	461 to 462	90° elbow weld end metal hose fittings	517
V-series	463 to 471	NPTF	
TR-series	472 to 475	Pipe nipples	518
HT-series	476	Hex reducer bushings	518
HTE-series	477	Swivels	519
HTZ-series	478	Swivel nuts	519
ST-series	479 to 481	Hex pipe couplings	519
PD-series	482	90° elbows	519 to 520
VEP-series	483 to 485	90° elbow swivels	520
VEP-BOP series	486	45° elbows	520
W-series	487 to 489	Tees	521
WS-series	490 to 492	Hex caps	522
WS-BOP series	493	Hex plugs	522
T-series	494 to 495	Metric parallel thread	523
CVV-series	496 to 497	BSPP (British Standard Pipe Parallel)	523
E-series	498 to 500	Code 61 / 62 flanges	524 to 526
EA-series	501	4-bolt NPTF ports	524
CM-series	502 to 505	4-bolt SAE ports	524
		4-bolt flange pipe socket welds	525
Adapters	506 to 526	Split flange kits	526
Flat Face	506 to 507	Straight SAE	526
Unions	506	90° SAE elbows	526
Connectors	506	45° SAE elbows	526
90° elbows	506-507		
Tees	507	Hydraulic Hose Fittings	. 527 to 528
Caps	507	Suction and return line couplings	527
Plugs	507	Double bolt clamps	527
ORB	508 to 510	Stems	528
Reducers	508	Clamps for 1 or 2 wire	528
Unions	508	Inline hydraulic filters	528
O-ring Boss	508 to 509		
Elbows	509 to 510	Pipe and Tubing Hangers	529 to 530
Tees	510	Standard series	529
Plugs	510	Twin series	529
37° JIC	511 to 517	Heavy duty series	530
Flare	511		
Swivels	512		
90° elbows	512		
90° flare elbows	512		
45° elbows	513 to 514		
Flare unions	514		
Flare tees	514		
Caps	515		
Nuts	515 to 516		
Dluge	515		

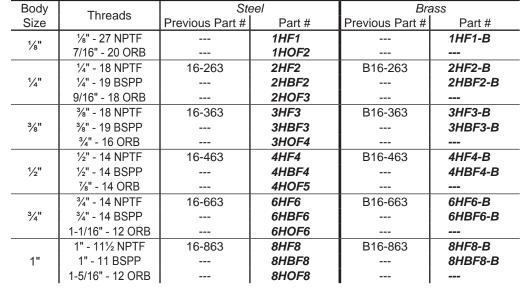


- · poppet style shut-off valves in both coupler and plug
- · meets dimensional requirements of ISO 7241 Series B
- interchangeable with Parker-Hannifin 60 series, see Hydraulic Profile Chart on page 454
- Nitrile seals standard providing temperature range of -40°F to 250°F (-40°C to 121°C)
- contact Dixon® for pressure ratings and other technical information
- contact Dixon® for additional seal material options





steel









303 stainless

Body Size	Threads	Previous Part #	303 Stainless Steel Part #	316 Stainless Steel Part #
1/8"	1/8" - 27 NPTF		1HF1-S	1HF1-SS
1/4"	1/4" - 18 NPTF	SS16-263	2HF2-S	2HF2-SS
74	1/4" - 19 BSPP		2HBF2-S	2HBF2-SS
3/8"	%" - 18 NPTF	SS16-363	3HF3-S	3HF3-SS
/8	%" - 19 BSPP		3HBF3-S	3HBF3-SS
1/2"	½" - 14 NPTF	SS16-463	4HF4-S	4HF4-SS
/2	1/2" - 14 BSPP		4HBF4-S	4HBF4-SS
3/"	3/4" - 14 NPTF	SS16-663	6HF6-S	6HF6-SS
74	3/4" - 14 BSPP		6HBF6-S	6HBF6-SS
1"	1" - 11½ NPTF	SS16-863	8HF8-S	8HF8-SS
1	1" - 11 BSPP		8HBF8-S	8HBF8-SS

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H-Series Hydraulic Couplings

ISO-B Female Threaded Plugs

Body	Threads	Ste	eel	Bra	9SS
Size	rnreaus	Previous Part #	Part #	Previous Part #	Part #
1/8"	1/4" - 27 NPTF		H1F1		H1F1-B
/8	7/16" - 20 ORB		H1OF2		
	1/4" - 18 NPTF	17-263	H2F2	B17-263	H2F2-B
1/4"	1/4" - 19 BSPP		H2BF2		H2BF2-B
	9/16" - 18 ORB		H2OF3		
	%" - 18 NPTF	17-363	H3F3	B17-363	H3F3-B
3/8"	%" - 19 BSPP		H3BF3		H3BF3-B
	¾" - 16 ORB		H3OF4		
	½" - 14 NPTF	17-463	H4F4	B17-463	H4F4-B
1/2"	½" - 14 BSPP		H4BF4		H4BF4-B
	⅓" - 14 ORB		H4OF5		
	3/4" - 14 NPTF	17-663	H6F6	B17-663	H6F6-B
3/4"	3/4" - 14 BSPP		H6BF6		H6BF6-B
	1-1/16" - 12 ORB		H6OF6		
	1" - 11½ NPTF	17-863	H8F8	B17-863	H8F8-B
1"	1" - 11 BSPP		H8BF8		H8BF8-B
	1-5/16" - 12 ORB		H8OF8		







brass

Body	Threads	Previous	303 Stainless Steel	316 Stainless Steel
Size	Tilleaus	Part #	Part #	Part #
1/8"	1/4" - 27 NPTF		H1F1-S	H1F1-SS
1/4"	1/4" - 18 NPTF	SS17-263	H2F2-S	H2F2-SS
/4	1/4" - 19 BSPP		H2BF2-S	H2BF2-SS
3/8"	%" - 18 NPTF	SS17-363	H3F3-S	H3F3-SS
/8	%" - 19 BSPP		H3BF3-S	H3BF3-SS
1/2"	1/2" - 14 NPTF	SS17-463	H4F4-S	H4F4-SS
/2	1/2" - 14 BSPP		H4BF4-S	H4BF4-SS
3/4"	3/4" - 14 NPTF	SS17-663	H6F6-S	H6F6-SS
/4	3/4" - 14 BSPP		H6BF6-S	H6BF6-SS
1"	1" - 11½ NPTF	SS17-863	H8F8-S	H8F8-SS
1	1" - 11 BSPP		H8BF8-S	H8BF8-SS



303 stainless



ISO-B Male Threaded Plugs

Body Size	Threads	Steel Part #
1/4"	%" - 18 NPTF	H2M3



Body Size	Threads	303 Stainless Steel Part #
1/2"	¾" - 14 NPTF	H4M6-S





Hydraulic Fittings

H-Series Hydraulic Couplings

ISO-B High Volume Female Threaded Couplers



steel



brass



316 stainless

Body Size	Threads	<i>Steel</i> Part #	<i>Brass</i> Part #	303 Stainless Steel Part #	316 Stainless Steel Part #
11/4"	11/4" - 111/2 NPTF 11/4" - 11 BSPP	10HF10 10HBF10	10HF10-B 	10HF10-S 	10HF10-SS 10HBF10-SS
1½"	11/4" - 111/2 NPTF 15/6" - 12 ORB 11/2" - 111/2 NPTF 11/2" - 11 BSPP 17/6" - 12 ORB	12HF10 12HOF10 12HF12 12HBF12 12HOF12	12HF10-B 12HF12-B 12HBF12-B 	12HF10-S 12HF12-S 12HBF12-S 	 12HF12-SS 12HBF12-SS
2½"	2" - 11½ NPTF 2½" - 8 NPTF 3" - 8 NPTF	20HF16 20HF20 20HF24	20HF16-B 		

ISO-B High Volume Female Threaded Plugs







brass



303 stainless

Body Size	Threads	Steel Part #	<i>Brass</i> Part #	303 Stainless Steel Part #	316 Stainless Steel Part #
11/4"	1¼" - 11½ NPTF 1¼" - 11 BSPP	H10F10 H10BF10	H10F10-B 	H10F10-S 	H10F10-SS H10BF10-SS
1½"	11/4" - 111/2 NPTF 15/6" - 12 ORB 11/2" - 111/2 NPTF 11/2" - 11 BSPP 17/6" - 12 ORB	H12F10 H12OF10 H12F12 H12BF12 H12OF12	H12F10-B H12F12-B H12BF12-B 	H12F10-S H12F12-S H12BF12-S 	 H12F12-SS H12BF12-SS
2½"	2" - 11½ NPTF 2½" - 8 NPTF 3" - 8 NPTF	H20F16 H20F20 H20F24	H20F16-B 	 	



ISO-B Steel Mill 'Slide Gate' Female Threaded Couplers

Body Size	Female Threads	<i>Steel</i> Part #
1/2"	½" - 14 NPTF	4HF4-HV



ISO-B Steel Mill 'Slide Gate' Female Threaded Plugs

Body Size	Female Threads	<i>Steel</i> Part #
1/2"	½" - 14 NPTF	H4F4-HV



ISO-B Food Grade Silicone Flanged Female Threaded Couplers

Body Size	Female Threads	303 Stainless Steel Part #	316 Stainless Steel Part #
1/2"	½" - 14 NPTF	D-4HF4-S-FSB	D-4HF4-SS-FSB



ISO-B Food Grade Nylon Flanged Female Threaded Couplers

Body Size	Female Threads	303 Stainless Steel Part #	316 Stainless Steel Part #
1/2"	½" - 14 NPTF	D-4HF4-S-FNS	D-4HF4-SS-FNS



ISO-B Food Grade Female Threaded Plugs

Body Size Female Threads	Camala Throada	Steel	303 Stainless Steel	316 Stainless Steel
	remale mileaus	Part #	Part #	Part #
1/2"	½" - 14 NPTF	D-H4F4-SV-8	D-H4F4-S	D-H4F4-SS







ISO-B Dust Caps / Plugs



Dody Ciza	Previous Part #		Nitrile
Body Size	Plugs	Caps	Part #
1/8"	VHC002		1HDP
1/8"			H1DC
1/4"	16-002	17-002	2HDP-H2DC
3/8"	16-003	17-003	3HDP-H3DC
1/2"	16-004	17-004	4HDP-H4DC
3/4"	16-006	17-004	6HDP-H6DC
1"	16-008	17-008	8HDP-H8DC 1

 $^{^{1}\,}$ 8HDP-H8DC fits both 1" and 11/4" body sizes

ISO-B Rigid Dust Plugs



Body Size	Previous Part #	Aluminum body with steel cable Part #
1/4"	16-002A	2HDP-A
3/8"	16-003A	3HDP-A
1/2"	16-004A	4HDP-A
3/4"	16-006A	6HDP-A
1"	16-008A	8HDP-A
1½"		12HDP-A
21/2"		20HDP-A

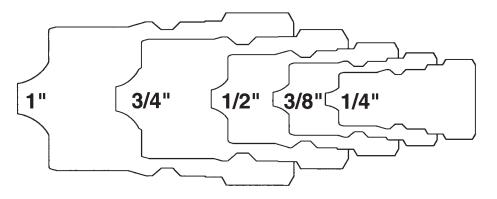
ISO-B Rigid Dust Caps





Body Size	Previous Part #	Aluminum body with steel cable Part #
1/4"	17-002A	H2DC-A
3/8"	17-003A	H3DC-A
1/2"	17-004A	H4DC-A
3/4"	17-006A	H6DC-A
1"	17-008A	H8DC-A
11/2"		H12DC-A
21/2"		H20DC-A

Plug Profiles



Industry/Competitor Interchange

ISO 7241-B Hansen HK Eaton/Aeroquip FD45 Parker 60 Faster HNV Stucchi IRB/IRBO/IRBX



ISO-B Coupler Seal Kits

		ISO-B Coupler S	Seal Kits			Hyo
Body Size	Coupler Material	Description	EPDM Part #	<i>FKM</i> Part #	<i>Nitrile</i> Part #	drauli
1/8"	brass, steel, 303 SS, 316 SS	two O-rings and one PTFE anti-extrusion ring	P-1H-SKIT	F-1H-SKIT	1H-SKIT	<u>ဂ</u>
1/4"	brass, steel, 303 SS, 316 SS	two O-rings and one PTFE anti-extrusion ring	P-2H-SKIT	F-2H-SKIT	2H-SKIT	_ <u>∓</u> ;
3/8"	brass, steel, 303 SS, 316 SS	two O-rings and one PTFE anti-extrusion ring	P-3H-SKIT	F-3H-SKIT	3H-SKIT	ngs
1/2"	brass, steel, 303 SS, 316 SS	two O-rings and one PTFE anti-extrusion ring	P-4H-SKIT	F-4H-SKIT	4H-SKIT	_
3/4"	brass, steel, 303 SS, 316 SS	two O-rings and one PTFE anti-extrusion ring	P-6H-SKIT	F-6H-SKIT	6H-SKIT	_
1"	brass, steel, 303 SS, 316 SS	two O-rings and one PTFE anti-extrusion ring	P-8H-SKIT	F-8H-SKIT	8H-SKIT	_
11/4"	brass, steel, 303 SS, 316 SS	adapter / valve O-ring and two body O-rings	P-10H-SKIT	F-10H-SKIT	10H-SKIT	_
1½"	brass, steel, 303 SS, 316 SS	adapter / valve O-ring and two body O-rings	P-12H-SKIT	F-12H-SKIT	12H-SKIT	_





ISO-B Repair Kits

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Body Size	Coupler Material	Seal Material	Description	Part #
	steel	nitrile	steel valve assembly and retaining ring	2H-RKIT
1/"	brass	nitrile	brass valve assembly and retaining ring	2H-BRKIT
1/4"	303 stainless	nitrile	303 SS valve assembly and retaining ring	2H-SRKIT
	316 stainless	nitrile	316 SS valve assembly and retaining ring	2H-SSRKIT
	steel	nitrile	steel valve assembly and retaining ring	3H-RKIT
3/11	brass	nitrile	brass valve assembly and retaining ring	3H-BRKIT
3/8"	303 stainless	nitrile	303 SS valve assembly and retaining ring	3H-SRKIT
	316 stainless	nitrile	316 SS valve assembly and retaining ring	3H-SSRKIT
	steel	nitrile	steel valve assembly and retaining ring	4H-RKIT
1/"	brass	nitrile	brass valve assembly and retaining ring	4H-BRKIT
1/2"	303 stainless	nitrile	303 SS valve assembly and retaining ring	4H-SRKIT
	316 stainless	nitrile	316 SS valve assembly and retaining ring	4H-SSRKIT
	steel	nitrile	steel valve assembly and retaining ring	6H-RKIT
3/11	brass	nitrile	brass valve assembly and retaining ring	6H-BRKIT
3/4"	303 stainless	nitrile	303 SS valve assembly and retaining ring	6H-SRKIT
İ	316 stainless	nitrile	316 SS valve assembly and retaining ring	6H-SSRKIT
	steel	nitrile	steel valve assembly and retaining ring	8H-RKIT
4"	brass	nitrile	brass valve assembly and retaining ring	8H-BRKIT
1"	303 stainless	nitrile	303 SS valve assembly and retaining ring	8H-SRKIT
İ	316 stainless	nitrile	316 SS valve assembly and retaining ring	8H-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	10H-RKIT
41/11	brass	nitrile	brass valve assembly and adapter O-ring	10H-BRKIT
11/4"	303 stainless	nitrile	303 SS valve assembly and adapter O-ring	10H-SRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	10H-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	12H-RKIT
41/11	brass	nitrile	brass valve assembly and adapter O-ring	12H-BRKIT
11/2"	303 stainless	nitrile	303 SS valve assembly and adapter O-ring	12H-SRKIT
İ	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	12H-SSRKIT



Application:

· designed specifically for blow-out preventer systems on drilling rigs

Features:

- fire tested and Lloyd's certified to 1300°F (700°C) in accordance with API 16D; certificate available upon request
- pressure rating 5000 PSI at 70°F (21°C)
- steel coupler sleeves are hardened to resist deformation and maximize service life
- individually marked with the BOP series designation
- interchangeable with ISO7241 Series B, Eaton/Hansen HKFR-Series, DNP HNV-BOP Series

Blowout Preventer Safety Female Couplers

Body Size	Female Threads	<i>Steel</i> Part #	316 Stainless Steel Part #
3/8"	%" - 18 NPTF	3HF3-BOP	3HF3-SS-BOP
1/2"	½" - 14 NPTF	4HF4-BOP	4HF4-SS-BOP
3/4"	3/4" - 14 NPTF	6HF6-BOP	6HF6-SS-BOP
1"	1" - 11½ NPTF	8HF8-BOP	8HF8-SS-BOP



Blowout Preventer Safety Female Plugs

Body Size	Female Threads	<i>Steel</i> Part #	316 Stainless Steel Part #
3/8"	%" - 18 NPTF	H3F3-BOP	H3F3-SS-BOP
1/2"	½" - 14 NPTF	H4F4-BOP	H4F4-SS-BOP
3/4"	3/4" - 14 NPTF	H6F6-BOP	H6F6-SS-BOP
1"	1" - 11½ NPTF	H8F8-BOP	H8F8-SS-BOP







Applications:

• designed exclusively for steam applications

Features:

- coupler has a large plated steel sleeve designed for easier gripping with gloves
- special high-temp EPDM O-rings designed for steam service providing a temperature range of -70°F to 400°F (-57°C to 204°C)
- rated to 200 PSI gauge saturated steam 382°F (194°C)



Warning: Do Not Disconnect Under Pressure!

ISO-B Steam Interchange Female Threaded Couplers





303 stainless

Body	Threads	Brass		303 Stainless Steel
Size	Threads	Previous Part #	Part #	Part #
1/!!	1/4" - 18 NPTF	B16-200S	2HSF2-B	2HSF2-S
1/4"	1/4" - 19 BSPP		2HSBF2-B	2HSBF2-S
3/8"	%" - 18 NPTF	B16-300S	3HSF3-B	3HSF3-S
78	%" - 19 BSPP		3HSBF3-B	3HSBF3-S
1/2"	1⁄2" - 14 NPTF	B16-400S	4HSF4-B	4HSF4-S
/2	½" - 14 BSPP		4HSBF4-B	4HSBF4-S
3/4"	3/4" - 14 NPTF	B16-600S	6HSF6-B	6HSF6-S
74	3/4" - 14 BSPP		6HSBF6-B	6HSBF6-S
1"	1" - 11½ NPTF	B16-800S	8HSF8-B	8HSF8-S
ı	1" - 11 BSPP		8HSBF8-B	8HSBF8-S
1½"	1½" - 11½ NPTF	B16-1200S	PS-12HF12-B	

ISO-B Steam Interchange Female Threaded Plugs



steel



brass



303 stainless

Body Size	Threads	Steel Part #	Bra Previous Part#	ass Part #	303 Stainless Steel Part #
1/4"	1/4" - 18 NPTF	HS2F2	B17-200S	HS2F2-B	HS2F2-S
74	1/4" - 19 BSPP	HS2BF2		HS2BF2-B	HS2BF2-S
3/8"	3/8" - 18 NPTF	HS3F3	B17-300S	HS3F3-B	HS3F3-S
78	%" - 19 BSPP	HS3BF3		HS3BF3-B	HS3BF3-S
1/2"	½" - 14 NPTF	HS4F4	B17-400S	HS4F4-B	HS4F4-S
/2	½" - 14 BSPP	HS4BF4		HS4BF4-B	HS4BF4-S
3/4"	3/4" - 14 NPTF	HS6F6	B17-600S	HS6F6-B	HS6F6-S
74	¾" - 14 BSPP	HS6BF6		HS6BF6-B	HS6BF6-S
1"	1" - 11½ NPTF	HS8F8	B17-800S	HS8F8-B	HS8F8-S
1	1" - 11 BSPP	HS8BF8		HS8BF8-B	HS8BF8-S
1½"	1½" - 11½ NPTF		B17-1200S	PS-H12F12-B	



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K-Series Hydraulic Couplings

Features:

- · poppet style shut-off valves in both coupler and plug
- interchangeable with Aeroquip/Eaton FD56 (5600), Parker 6600, and **ISO-A 7241 interchange**, see Hydraulic Profile Chart on page 460
- nitrile (Buna-N) seal standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- Contact Dixon® for additional seal material options, pressure ratings and other technical information.

ISO-A Interchange Female Threaded Couplers

Body	Threads	Previous	Steel	316 Stainless Steel
Size	Tilleaus	Part #	Part #	Part #
	1/8" - 27 NPTF	56-100	2KF1	
1/4"	1/4" - 18 NPTF	56-200	2KF2	2KF2-SS
74	1/4" - 19 BSPP		2KBF2	2KBF2-SS
	7/16" - 20 ORB		2KOF2	
	%" - 18 NPTF	56-300	3KF3	3KF3-SS
3/8"	%" - 19 BSPP		3KBF3	3KBF3-SS
	9/16" - 18 ORB		3KOF3	
	½" - 14 NPTF	56-400	4KF4	4KF4-SS
	½" - 14 BSPP		4KBF4	4KBF4-SS
1/2"	34" - 16 ORB		4KOF4	
	⅓" - 14 ORB		4KOF5	
	3/4" - 14 NPTF	56-600	4KF6	
	3/4" - 14 NPTF	56-660	6KF6	6KF6-SS
3/4"	34" - 14 BSPP		6KBF6	6KBF6-SS
	1-1/16" - 12 ORB		6KOF6	
	1" - 11½ NPTF	56-800	8KF8	8KF8-SS
1"	1" - 11 BSPP		8KBF8	8KBF8-SS
	1-5/16" - 12 ORB		8KOF8	
41/11	1¼" - 11½ NPT		10KF10	
11/4"	11/4" - 11 BSPP		10KBF10	
41/11	1½" - 11½ NPT		12KF12	
1½"	1½" - 11 BSPP		12KBF12	
0"	2" - 11½ NPT		16KF16	
2"	2" - 11 BSPP		16KBF16	



4KF4 -steel



6KF6 - steel



10KF10 -steel

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ISO-A Interchange Female Threaded Plugs

Body		Previous	Steel	316 Stainless Steel
Size	Threads	Part #	Part #	Part #
	1/8" - 27 NPTF	57-100	K2F1	
1/4"	1/4" - 18 NPTF	57-200	K2F2	K2F2-SS
74	1/4" - 19 BSPP		K2BF2	K2BF2-SS
	7/16" - 20 ORB		K2OF2	
	%" - 18 NPTF	57-300	K3F3	K3F3-SS
3/8"	%" - 19 BSPP		K3BF3	K3BF3-SS
	9/16" - 18 ORB		K3OF3	
	½" - 14 NPTF	57-400	K4F4	K4F4-SS
	1/2" - 14 BSPP		K4BF4	K4BF4-SS
1/2"	3/4" - 16 ORB		K4OF4	
	7/8" - 14 ORB		K4OF5	
	3/4" - 14 NPTF	57-600	K4F6	
	3/4" - 14 NPTF	57-660	K6F6	K6F6-SS
3/4"	3/4" - 14 BSPP		K6BF6	K6BF6-SS
	1-1/16" - 12 ORB		K6OF6	
	1" - 11½ NPTF	57-800	K8F8	K8F8-SS
1"	1" - 11 BSPP		K8BF8	K8BF8-SS
	1-5/16" - 12 ORB		K8OF8	
41/11	11/4" - 111/2 NPT		K10F10	
11/4"	11/4" - 11 BSPP		K10BF10	
41/"	1½" - 11½ NPT		K12F12	
11/2"	1½" - 11 BSPP		K12BF12	
	2" - 11½ NPT		K16F16	
2"	2" - 11 BSPP		K16BF16	



K4F4 - steel



K6F6 - steel



ISO-A Interchange Dust Caps / Plugs



ഗ _		130-A III	iter change busi caps / Flugs
Fittings	Body Size	Previous Part #	<i>Nitrile</i> Part #
₩_	1/4"	56-002 / 57-002	2KDP-K2DC
证	3/8"	56-003 / 57-003 / VHCN004	3KDP-K3DC
O	3/4"	56-006 / 57-006	6KDP-K6DC
\equiv	1"	56-008 / 57-008	8KDP-K8DC
Hydraulic		ISO-A Interd	change Color Coded Dust Plug

















Body Size	Color	Previous Part #	Nitrile Part #
470	black	56-004	4KDP
	red		4K-R-DP
	orange		4K-O-DP
1/2"	yellow		4K-Y-DP
	green		4K-G-DP
	blue		4K-B-DP

ISO-A Interchange Color Coded Dust Caps











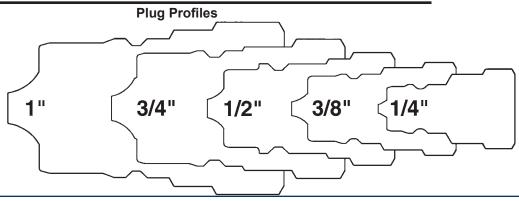
Body Size	Color	Previous Part #	<i>Nitrile</i> Part #
1/2"	black	57-004	K4DC
	red		K4-R-DC
	orange		K4-O-DC
/2	yellow		K4-Y-DC
	green		K4-G-DC
	blue		K4-B-DC

ISO-A Interchange Coupler Seal Kits

Body Size	Coupler Style	Description	Nitrile Part #	
1/4"	all	O-ring and PTFE anti-extrusion ring	2K-SKIT	
3/8"	all	O-ring and PTFE anti-extrusion ring	3K-SKIT	
1/2"	all	O-ring and PTFE anti-extrusion ring	4K-SKIT	
3/4"	all	O-ring and PTFE anti-extrusion ring	6K-SKIT	
1"	all	O-ring and PTFE anti-extrusion ring	8K-SKIT	
11/4"	all	O-ring and PTFE anti-extrusion ring	10K-SKIT	
1½"	all	O-ring and PTFE anti-extrusion ring	12K-SKIT	
2"	all	O-ring and PTFE anti-extrusion ring	16K-SKIT	

Industry/Competitor Interchange

ISO 7241-A Eaton/Aeroquip 5600 Parker 6600 Faster ANV Safeway S56 Stucchi BIR





Application:

• used on construction equipment, farm implements and most other mobile equipment

Features:

- ball valve and poppet valve options available
- interchangeable with Pioneer 4000 series, see Hydraulic Profile Chart on page 462
- nitrile (Buna-N) seal standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- Contact Dixon® for pressure ratings and other technical information.

Agricultural Ball Valve Female Threaded Couplers

Pody Ciza	Throads	Ste	eel
Body Size	Threads	Previous Part #	Part #
1/4"	1/4" - 18 NPTF		2AGF2
3/8"	%" - 18 NPTF		3AGF3
	½" - 14 NPTF	18-400	4AGF4
	½" - 14 BSPP		4AGBF4
1/2"	3⁄4" - 16 ORB	18-415	4AGOF4
	⅓" - 14 ORB		4AGOF5
	¾" - 14 NPTF	18-600	4AGF6
3/4"	3/4" - 14 NPTF	18-660	6AGF6
1"	1" - 11½ NPTF		8AGF8



Agricultural Poppet Valve Female Threaded Couplers

Pody Ciza	Thusada	Steel		
Body Size	Threads	Previous Part #	Part #	
1/4"	1/4" - 18 NPTF	18-200	2AGF2-PV	
3/8"	%" - 18 NPTF	18-300	3AGF3-PV	
	½" - 14 NPTF		4AGF4-PV	
	½" - 14 BSPP		4AGBF4-PV	
1/2"	¾" - 16 ORB		4AGOF4-PV	
	⅓" - 14 ORB		4AGOF5-PV	
	3/4" - 14 NPTF		4AGF6-PV	
3/4"	3/4" - 14 NPTF		6AGF6-PV	
1"	1" - 11½ NPTF	18-800	8AGF8-PV	





Agricultural Push-Pull Ball Valve Female Threaded Couplers

Body Size	Threads	Steel Part #
3/8"	3/4" - 18 NPTF	3AGF3-PS
	½" - 14 NPTF	4AGF4-PS
1/11	3/4" - 16 ORB	4AGOF4-PS
1/2"	⅓" - 14 ORB	4AGOF5-PS
	3/4" - 14 NPTF	4AGF6-PS
3/4"	3/4" - 14 NPTF	6AGF6-PS



Agricultural Push-Pull Poppet Valve Female Threaded Couplers

Body Size	Threads	<i>Steel</i> Part #
3/8"	%" - 18 NPTF	3AGF3-PV-PS
	½" - 14 NPTF	4AGF4-PV-PS
1/2"	3/4" - 16 ORB	4AGOF4-PV-PS
/2	⅓" - 14 ORB	4AGOF5-PV-PS
	¾" - 14 NPTF	4AGF6-PV-PS
3/4"	¾" - 14 NPTF	6AGF6-PV-PS





Hydraulic Fittings

AG-Series Hydraulic Couplings

Agricultural Ball Valve Female Threaded Plugs



Pody Sizo	Threads	Ste	eel
Body Size	Tilleaus	Previous Part #	Part #
1/4"	1⁄4" - 18 NPTF		AG2F2
3/8"	%" - 18 NPTF		AG3F3
	½" - 14 NPTF	19-400	AG4F4
	1/2" - 14 BSPP		AG4BF4
1/2"	3/4" - 16 ORB	19-415	AG4OF4
	1√8" - 14 ORB		AG4OF5
	3/4" - 14 NPTF	19-600	AG4F6
3/4"	3/4" - 14 NPTF	19-660	AG6F6
1"	1" - 11½ NPTF		AG8F8

Agricultural Poppet Valve Female Threaded Plugs



Dody Cizo	Throads	Steel		
Body Size	Threads	Previous Part #	Part #	
1/4"	1/4" - 18 NPTF		AG2F2-PV	
3/8"	%" - 18 NPTF		AG3F3-PV	
	½" - 14 NPTF	19-400	AG4F4-PV	
	½" - 14 BSPP		AG4BF4-PV	
1/2"	3/4" - 16 ORB	19-415	AG4OF4-PV	
	⅓" - 14 ORB		AG4OF5-PV	
	3/4" - 14 NPTF	19-600	AG4F6-PV	
3/4"	3/4" - 14 NPTF	19-660	AG6F6-PV	
1"	1" - 11½ NPTF		AG8F8-PV	

Agricultural Dust Plugs

Pody Sizo	Elast	tomer
Body Size	Previous Part #	Part #
1/4"	18-002	2AGDP
3/8"	18-003	3AGDP
1/2"	For ½" Please refer to the color coo	ded K-Series Dust Plugs on pg. 460
3/4"	18-006	6AGDP
1"	18-008	8AGDP

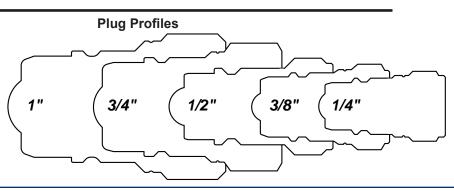




Body Size	Elastomer		
Body Size	Previous Part #	Part #	
1/4"	19-002	AG2DC	
3/8"	19-003	AG3DC	
1/2"	For ½" Please refer to the color co	ded K-Series Dust Caps on pg. 460	
3/4"	19-006	AG6DC	
1"	19-008	AG8DC	

Industry/Competitor Interchange

Parker/Pioneer 4000 Safeway S20 Faster NS/NV Stucchi IR







Features:

- general purpose hydraulic quick-connect provides superior flow characteristics for a variety of applications
- interchangeable with Snap-tite H/IH Series, see Hydraulic Profile Chart on page 469
- nitrile seal standard providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- Contact Dixon® for additional seal material options.
- Contact Dixon® for pressure ratings and other technical information.

Snap-Tite H/IH Interchange Valved Female Threaded Couplers

Body	Threads	Ste	eel	Bra	9SS
Size		Previous Part #	Part #	Previous Part #	Part #
	1/4" - 27 NPTF		2VF1		
1/4"	1/4" - 18 NPTF	VHC200	2VF2	VHC200B	2VF2-B
/4	1/4" - 19 BSPP		2VBF2		2VBF2-B
	7/16" - 20 ORB		2VOF2		
	%" - 18 NPTF	VHC300	3VF3	VHC300B	3VF3-B
3/8"	%" - 19 BSPP		3VBF3		3VBF3-B
/8	9/16" - 18 ORB		3VOF3		
	½" - 14 NPTF		3VF4		
	½" - 14 NPTF	VHC400	4VF4	VHC400B	4VF4-B
1/2"	1/2" - 14 BSPP		4VBF4		4VBF4-B
/2	34" - 16 ORB		4VOF4		
	34" - 14 NPTF		4VF6		
	3/4" - 14 NPTF	VHC600	6VF6	VHC600B	6VF6-B
3/4"	3/4" - 14 BSPP		6VBF6		6VBF6-B
	1-1/16" - 12 ORB		6VOF6		
	1" - 11½ NPTF	VHC800	8VF8		8VF8-B
1"	1" - 11 BSPP		8VBF8		8VBF8-B
	1-5/16" - 12 ORB		8VOF8		
	1¼" - 11½ NPTF	VHC1000	10VF10		10VF10-B
11/4"	1¼" - 11 BSPP		10VBF10		10VBF10-B
	1%" - 12 ORB		10VOF10		
	1½" - 11½ NPTF	VHC1200	12VF12		12VF12-B
1½"	1½" - 11 BSPP		12VBF12		12VBF12-B
	1%" - 12 ORB		12VOF12		
2"	2" - 11½ NPTF	VHC1600	16VF16		16VF16-B
2	2" - 11 BSPP		16VBF16		16VBF16-B



steel



brass



		2000111 011		
Body Size	Threads	316 Stainless Steel		
	Tilleaus	Previous Part #	Part #	
470	1/4" - 18 NPTF	VHC200SS	2VF2-SS	
1/4"	1⁄4" - 19 BSPP		2VBF2-SS	
3/8"	%" - 18 NPTF		3VF3-SS	
78	%" - 19 BSPP		3VBF3-SS	
1/2"	½" - 14 NPTF	VHC400SS	4VF4-SS	
/2	½" - 14 BSPP		4VBF4-SS	
3/4"	¾" - 14 NPTF	VHC600SS	6VF6-SS	
74	¾" - 14 BSPP		6VBF6-SS	
1"	1" - 11½ NPTF		8VF8-SS	
ı	1" - 11 BSPP		8VBF8-SS	
11/4"	1¼" - 11½ NPTF		10VF10-SS	
1 74	1¼" - 11 BSPP		10VBF10-SS	
1½"	1½" - 11½ NPTF		12VF12-SS	
	1½" - 11 BSPP		12VBF12-SS	
2"	2" - 11½ NPTF		16VF16-SS	
	2" - 11 BSPP		16VBF16-SS	





Snap-Tite H/IH Interchange Valved Male Threaded Couplers

Steel





Body









Size	Inreads	Part #	Part #	Part #
1/4"	1/8" - 27 NPTF 1/4" - 18 NPTF	2VM1 2VM2	 2VM2-B	 2VM2-SS
	7/16" - 20 JIC	2VJM2		
3/8"	%" - 18 NPTF	3 <i>VM</i> 3	3VM3-B	3VM3-SS
/8	9/16" - 18 JIC	3VJM3		
1/2"	½" - 14 NPTF	4VM4	4VM4-B	4VM4-SS
	¾" - 16 JIC	4VJM4		
3/4"	3/4" - 14 NPTF	6VM6	6VM6-B	6VM6-SS
/4	1-1/16" - 12 JIC	6VJM6		
1"	1" - 11½ NPTF	8VM8	8VM8-B	8VM8-SS
	1-5/16" - 12 JIC	8VJM8		
11/4"	11/4" - 111/2 NPTF	10VM10	10VM10-B	10VM10-SS
1 /4	1%" - 12 JIC	10VJM10		
11/2"	1½" - 11½ NPTF	12VM12	12VM12-B	12VM12-SS
2"	2" - 11½ NPTF	16VM16	16VM16-B	16VM16-SS

Brass

316 Stainless Steel

Snap-Tite H/IH Interchange Valved Male Threaded Plugs





steel



brass



316 stainless



steel

Body Threads		Steel	Brass	316 Stainless Steel
Size	Tilleaus	Part #	Part #	Part #
	1/8" - 27 NPTF	V2M1		
1/4"	1/4" - 18 NPTF	V2M2	V2M2-B	V2M2-SS
	7/16" - 20 JIC	V2JM2		
3/8"	%" - 18 NPTF	V3M3	V3M3-B	V3M3-SS
78	9/16" - 18 JIC	V3JM3		
1/2"	1/2" - 14 NPTF	V4M4	V4M4-B	V4M4-SS
	3/4" - 16 JIC	V4JM4		
3/4"	3/4" - 14 NPTF	V6M6	V6M6-B	V6M6-SS
74	1-1/16" - 12 JIC	V6JM6		
1"	1" - 11½ NPTF	V8M8	V8M8-B	V8M8-SS
	1-5/16" - 12 JIC	V8JM8		
11/4"	11/4" - 111/2 NPTF	V10M10	V10M10-B	V10M10-SS
	1%" - 12 JIC	V10JM10		
11/2"	11/2" - 111/2 NPTF	V12M12	V12M12-B	V12M12-SS
2"	2" - 11½ NPTF	V16M16	V16M16-B	V16M16-SS

Н

V-Series Hydraulic Couplings

Snap-Tite H/IH Interchange Valved Female Threaded Plugs

				_	
Body			eel		ass
Size	Threads	Previous Part	Part #	Previous Part	Part #
		#		#	1 dit#
	1⁄8" - 27 NPTF		V2F1		
1/4"	1⁄4" - 18 NPTF	VHN200	V2 F 2	VHN200B	V2F2-B
/4	1⁄4" - 19 BSPP		V2BF2		V2BF2-B
	7/16" - 20 ORB		V20F2		
	%" - 18 NPTF	VHN300	V3F3	VHN300B	V3F3-B
2/11	3/8" - 19 BSPP		V3BF3		V3BF3-B
3/8"	9/16" - 18 ORB		V30F3		
	½" - 14 NPTF		V3F4		
	½" - 14 NPTF	VHN400	V4F4	VHN400B	V4F4-B
4 / 11	1/2" - 14 BSPP		V4BF4		V4BF4-B
1/2"	3/4" - 16 ORB		V4OF4		
	3/4" - 14 NPTF		V4F6		
	3/4" - 14 NPTF	VHN600	V6F6	VHN600B	V6F6-B
3/4"	3/4" - 14 BSPP		V6BF6		V6BF6-B
	1-1/16" - 12 ORB		V6OF6		
	1" - 11½ NPTF	VHN800	V8F8		V8F8-B
1"	1" - 11 BSPP		V8BF8		V8BF8-B
.	1-5/16" - 12 ORB		V8OF8		
11/4"	1¼" - 11½ NPTF	VHN1000	V10F10		V10F10-B
	1¼" - 11 BSPP		V10BF10		V10BF10-B
	1%" - 12 ORB		V100F10		
1½"	1½" - 11½ NPTF	VHN1200	V12F12		V12F12-B
	1½" - 11 BSPP		V12BF12		V12BF12-B
	11/8" - 12 ORB		V120F12		
2"	2" - 11½ NPTF	VHN1600	V16F16		V16F16-B
	2" - 11 BSPP		V16BF16		V16BF16-B



steel



brass

Body	Threads	316 Stain	less Steel
Size	Initeaus	Previous Part #	Part #
1/4"	1/4" - 18 NPTF	VHN200SS	V2F2-SS
	1/4" - 19 BSPP		V2BF2-SS
3/8"	¾" - 18 NPTF		V3F3-SS
/8	%" - 19 BSPP		V3BF3-SS
1/2"	½" - 14 NPTF	VHN400SS	V4F4-SS
1/2"	½" - 14 BSPP		V4BF4-SS
3/4"	3/4" - 14 NPTF	VHN600SS	V6F6-SS
	¾" - 14 BSPP		V6BF6-SS
1"	1" - 11½ NPTF		V8F8-SS
	1" - 11 BSPP		V8BF8-SS
11/4"	1¼" - 11½ NPTF		V10F10-SS
	1¼" - 11 BSPP		V10BF10-SS
11/2"	1½" - 11½ NPTF		V12F12-SS
	1½" - 11 BSPP		V12BF12-SS
2"	2" - 11½ NPTF		V16F16-SS
	2" - 11 BSPP		V16BF16-SS







Snap-Tite H/IH Interchange Unvalved Female Threaded Couplers



steel



brass

Body	Body Threads		Steel	Brass
Size	Threads	Part #	Part #	Part #
1/4"	1/4" - 18 NPTF		2VF2-E	2VF2-B-E
74	1/4" - 19 BSPP		2VBF2-E	2VBF2-B-E
3/8"	%" - 18 NPTF		3VF3-E	3VF3-B-E
78	%" - 19 BSPP		3VBF3-E	3VBF3-B-E
1/2"	1/2" - 14 NPTF	VHC400NV	4VF4-E	4VF4-B-E
1/2"	1/2" - 14 BSPP		4VBF4-E	4VBF4-B-E
3/4"	3/4" - 14 NPTF	VHC600NV	6VF6-E	6VF6-B-E
	3/4" - 14 BSPP		6VBF6-E	6VBF6-B-E
1"	1" - 11½ NPTF		8VF8-E	8VF8-B-E
	1" - 11 BSPP		8VBF8-E	8VBF8-B-E
11/4"	11/4" - 111/2 NPTF		10VF10-E	10VF10-B-E
	1¼" - 11 BSPP		10VBF10-E	10VBF10-B-E
11/2"	1½" - 11½ NPTF		12VF12-E	12VF12-B-E
2"	2" - 11½ NPTF		16VF16-E	16VF16-B-E



Body Size	Threads	316 Stainless Steel Part #
1/4"	1/4" - 18 NPTF	2VF2-SS-E
	1⁄4" - 19 BSPP	2VBF2-SS-E
3/8"	3/8" - 18 NPTF	3VF3-SS-E
	%" - 19 BSPP	3VBF3-SS-E
1/2"	½" - 14 NPTF	4VF4-SS-E
	½" - 14 BSPP	4VBF4-SS-E
3/4"	3/4" - 14 NPTF	6VF6-SS-E
	¾" - 14 BSPP	6VBF6-SS-E
1"	1" - 11½ NPTF	8VF8-SS-E
	1" - 11 BSPP	8VBF8-SS-E
11/4"	1¼" - 11½ NPTF	10VF10-SS-E
	1¼" - 11 BSPP	10VBF10-SS-E
11/2"	1½" - 11½ NPTF	12VF12-SS-E
2"	2" - 11½ NPTF	16VF16-SS-E





Snap-Tite H/IH Interchange Unvalved Male Threaded Couplers



steel

Body Size	Threads	Steel Part #	<i>Bra</i> ss Part #	316 Stainless Steel Part #
	<u> </u>			
1/4"	1/4" - 18 NPTF	2VM2-E	2VM2-B-E	2VM2-SS-E
3/8"	%" - 18 NPTF	3VM3-E	3VM3-B-E	3VM3-SS-E
1/2"	1/2" - 14 NPTF	4VM4-E	4VM4-B-E	4VM4-SS-E
3/4"	3/4" - 14 NPTF	6VM6-E	6VM6-B-E	6VM6-SS-E
1"	1" - 11½ NPTF	8VM8-E	8VM8-B-E	8VM8-SS-E
11/4"	11/4" - 111/2 NPTF	10VM10-E		10VM10-SS-E
1½"	1½" - 11½ NPTF	12VM12-E		12VM12-SS-E
2"	2" - 11½ NPTF	16VM16-E		16VM16-SS-E

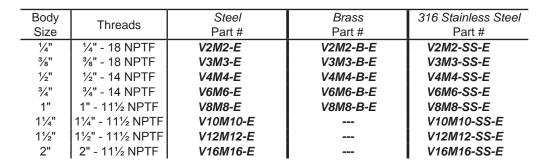


brass



316 stainless

Snap-Tite H/IH Interchange Unvalved Male Threaded Plugs





steel



brass



316 stainless

Hydraulic Fittings



Hydraulic Fittings

V-Series Hydraulic Couplings

Snap-Tite H/IH Interchange Unvalved Female Threaded Plugs



steel



brass

Body	Threads	Previous	Steel	Brass
Size		Part #	Part #	Part #
1/4"	1/4" - 18 NPTF		V2F2-E	V2F2-B-E
/4	1/4" - 19 BSPP		V2BF2-E	V2BF2-B-E
3/8"	%" - 18 NPTF		V3F3-E	V3F3-B-E
78	%" - 19 BSPP		V3BF3-E	V3BF3-B-E
1/2"	½" - 14 NPTF	VHN400NV	V4F4-E	V4F4-B-E
/2	1/2" - 14 BSPP		V4BF4-E	V4BF4-B-E
3/"	3/4" - 14 NPTF	VHN600NV	V6F6-E	V6F6-B-E
74	¾" - 14 BSPP		V6BF6-E	V6BF6-B-E
1"	1" - 11½ NPTF		V8F8-E	V8F8-B-E
'	1" - 11 BSPP		V8BF8-E	V8BF8-B-E
41/"	1¼" - 11½ NPTF		V10F10-E	V10F10-B-E
11⁄4"	1¼" - 11 BSPP		V10BF10-E	V10BF10-B-E
1½"	1½" - 11½ NPTF		V12F12-E	V12F12-B-E
2"	2" - 11½ NPTF		V16F16-E	V16F16-B-E



Body Size	Threads	316 Stainless Steel Part #
1/4"	1⁄4" - 18 NPTF	V2F2-SS-E
/4	1/4" - 19 BSPP	V2BF2-SS-E
3/8"	%" - 18 NPTF	V3F3-SS-E
78	%" - 19 BSPP	V3BF3-SS-E
1/2"	½" - 14 NPTF	V4F4-SS-E
/2	½" - 14 BSPP	V4BF4-SS-E
3/11	3/4" - 14 NPTF	V6F6-SS-E
3/4"	3/4" - 14 BSPP	V6BF6-SS-E
1"	1" - 11½ NPTF	V8F8-SS-E
1	1" - 11 BSPP	V8BF8-SS-E
41/11	1¼" - 11½ NPTF	V10F10-SS-E
11/4"	1¼" - 11 BSPP	V10BF10-SS-E
1½"	1½" - 11½ NPTF	V12F12-SS-E
2"	2" - 11½ NPTF	V16F16-SS-E

Snap-Tite H/IH Interchange Dust Caps / Plugs

D 1 6:	Nitį	rile
Body Size	Previous Part #	Part #
1/4"	VHC002	1HDP
1/4"	VHN002	V2DC
3/8"		3VDP-V3DC
1/2"	VHCN003	3KDP-K3DC
3/4"	VHCN006	6VDP-V6DC
1"	VHCN008	8VDP-V8DC



Snap-Tite H/IH Interchange Dust Plugs

D t - O:	Aluminum body v	with steel cable
Body Size	Previous Part #	Part #
1/4"		2VDP-A
3/8"		3VDP-A
1/2"		4VDP-A
3/4"		6VDP-A
1"		8VDP-A
11/4"	VHC010	10VDP-A
11/2"	VHC012	12VDP-A
2"	VHC016	16VDP-A



Snap-Tite H/IH Interchange Dust Caps

D C:	Aluminum body with steel cable				
Body Size	Previous Part #	Part #			
1/4"		V2DC-A			
3/8"		V3DC-A			
1/2"		V4DC-A			
3/4"		V6DC-A			
1"		V8DC-A			
11/4"	VHN010	V10DC-A			
1½"	VHN012	V12DC-A			
2"	VHN016	V16DC-A			

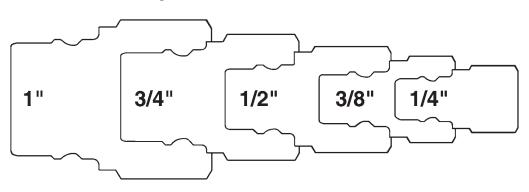


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Plug Profiles

Industry/Competitor Interchange

Snap-tite H Faster TNV





Snap-Tite H/IH Interchange Coupler Seal Kits

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<u>ე</u>		Snap-Tite H/IH Interchange Coupler Seal Kits				
Fittings	Body Size	Coupler Style	Description	<i>Nitrile</i> Part #		
<u>ပ</u>	1/4"	all	body / adapter O-rings and PTFE back-up	2V-SKIT		
Hydraulic	3/8"	all	body / adapter O-rings and PTFE back-up	3V-SKIT		
	1/2"	all	body / adapter O-rings and PTFE back-up	4V-SKIT		
≚	3/4"	all	body / adapter O-rings and PTFE back-up	6V-SKIT		
L	1"	all	body / adapter O-rings and PTFE back-up	8V-SKIT		
	11⁄4"	all	body / adapter/valve O-rings and back-up	10V-SKIT		
	1½"	all	body / adapter/valve O-rings and back-up	12V-SKIT		
	2"	all	body / adapter/valve O-rings and back-up	16V-SKIT		

Body Size	Coupler Style	Description	<i>FKM</i> Part #
1/4"	all	body / adapter O-rings and PTFE back-up	F-2V-SKIT
3/8"	all	body / adapter O-rings and PTFE back-up	F-3V-SKIT
1/2"	all	body / adapter O-rings and PTFE back-up	F-4V-SKIT
3/4"	all	body / adapter O-rings and PTFE back-up	F-6V-SKIT
1"	all	body / adapter O-rings and PTFE back-up	F-8V-SKIT
11⁄4"	all	body / adapter/valve O-rings and back-up	F-10V-SKIT
1½"	all	body / adapter/valve O-rings and back-up	F-12V-SKIT
2"	all	body / adapter/valve O-rings and back-up	F-16V-SKIT



П				
	Body Size	Coupler Style	Description	EPDM Part #
	1/4"	all	body / adapter O-rings and PTFE back-up	P-2V-SKIT
	3/8"	all	body / adapter O-rings and PTFE back-up	P-3V-SKIT
	1/2"	all	body / adapter O-rings and PTFE back-up	P-4V-SKIT
	3/4"	all	body / adapter O-rings and PTFE back-up	P-6V-SKIT
	1"	all	body / adapter O-rings and PTFE back-up	P-8V-SKIT
	11⁄4"	all	body / adapter/valve O-rings and back-up	P-10V-SKIT
	11/2"	all	body / adapter/valve O-rings and back-up	P-12V-SKIT
	2"	all	body / adapter/valve O-rings and back-up	P-16V-SKIT

Snap-Tite H/IH Interchange Coupler Repair Kits

Snap-Tite H/IH Interchange Coupler Repair Kits				
Body Size	Coupler Material	Seal Material	Description	Part # 2 <i>V-RKIT</i>
	steel	nitrile	steel valve assembly and adapter O-ring	2V-RKIT
1/4"	brass	nitrile	brass valve assembly and adapter O-ring	
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	2V-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	2V-BRKIT 2V-SSRKIT 3V-RKIT 3V-BRKIT
3/8"	brass	nitrile	brass valve assembly and adapter O-ring	3V-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	3V-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	4V-RKIT
1/2"	brass	nitrile	brass valve assembly and adapter O-ring	4V-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	4V-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	6V-RKIT
3/4"	brass	nitrile	brass valve assembly and adapter O-ring	6V-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	6V-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	8V-RKIT
1"	brass	nitrile	brass valve assembly and adapter O-ring	8V-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	8V-SSRKIT
44711	steel	nitrile	steel valve assembly and adapter O-ring	140030-10
11/4"	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	140032-10
41/11	steel	nitrile	steel valve assembly and adapter O-ring	140030-12
1½"	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	140032-12
011	steel	nitrile	steel valve assembly and adapter O-ring	140030-16
2"	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	140032-16

Snap-Tite H/IH Interchange Plug Repair Kits

Body Size	Coupler Material	Seal Material	Description	Part #
	steel	nitrile	steel valve assembly and adapter O-ring	V2-RKIT
1/4"	brass	nitrile	brass valve assembly and adapter O-ring	V2-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	V2-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	V3-RKIT
3/8"	brass	nitrile	brass valve assembly and adapter O-ring	V3-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	V3-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	V4-RKIT
1/2"	brass	nitrile	brass valve assembly and adapter O-ring	V4-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	V4-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	V6-RKIT
3/4"	brass	nitrile	brass valve assembly and adapter O-ring	V6-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	V6-SSRKIT
	steel	nitrile	steel valve assembly and adapter O-ring	V8-RKIT
1"	brass	nitrile	brass valve assembly and adapter O-ring	V8-BRKIT
	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	V8-SSRKIT
41/"	steel	nitrile	steel valve assembly and adapter O-ring	140030-10
11/4"	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	140032-10
11/2"	steel	nitrile	steel valve assembly and adapter O-ring	140030-12
1 /2	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	140032-12
2"	steel	nitrile	steel valve assembly and adapter O-ring	140030-16
4	316 stainless	nitrile	316 SS valve assembly and adapter O-ring	140032-16





Features

- interchangeable with TEMA European, 3800, 5000, 7500, 10000 series
- nitrile (Buna-N) seal standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection
- Contact Dixon® for pressure ratings and other technical information.

Tema European Female Threaded Couplers



Body Size	Threads	Steel Part #
3/8"	%" - 18 NPTF %" - 19 BSPP	3TRF3 3TRBF3
1/2"	½" - 14 NPTF ½" - 14 BSPP	4TRF4 4TRBF4
3/4"	¾" - 14 NPTF ¾" - 14 BSPP	6TRF6 6TRBF6
1"	1" - 11½ NPTF 1" - 11 BSPP	8TRF8 8TRBF8

Tema European Female Threaded Plugs



Body Size	Threads	Steel Part #
3/8"	%" - 18 NPTF %" - 19 BSPP	TR3F3 TR3BF3
1/2"	½" - 14 NPTF ½" - 14 BSPP	TR4F4 TR4BF4
3/"	³¼" - 14 NPTF ³¼" - 14 BSPP	TR6F6 TR6BF6
1"	1" - 11½ NPTF 1" - 11 BSPP	TR8F8 TR8BF8

Tema European Coupler Seal Kits

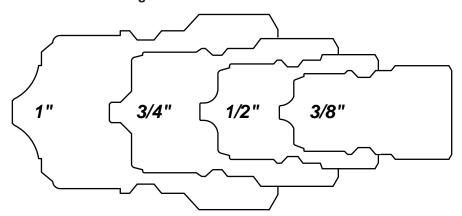


Body Size	Coupler	Seal Kit Contents	Nitrile
Body Size	Style	Sear Kit Contents	Part #
3/8"	all	two O-rings and one PTFE back-up ring	3TR-SKIT
1/2"	all	two O-rings and one PTFE back-up ring	4TR-SKIT
3/4"	all	two O-rings and one PTFE back-up ring	6TR-SKIT
1"	all	two O-rings and one PTFE back-up ring	8TR-SKIT

Industry/Competitor Interchange

TEMA European Interchange TEMA 3800, 5000, 7500, 1000 Series CEJN Series 525

Plug Profiles



Please contact Dixon for dust caps and dust plugs.

Features:

- 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 system performance.
- To reduce the possibility of accidental disconnect, the sleeve lock safety feature requires turning the collar to unlock the coupling.
- Contact Dixon® for additional seal material options.
- Contact Dixon® for pressure ratings and other technical information.
- conforms to ISO16028 interchange standard interchangeable with Eaton/Hansen FF, Parker FEM, Snap-tite 74, Faster FFH/2FFN/2FFI, Stucchi A/FIRG and Holmbury HQ/A/FIMC

Flushface Female Threaded Couplers

Body Size	Threads	Steel Part #	316 Stainless Steel Part #
	1/4" - 18 NPTF	2HTF2	1 all #
1/4"	1/4" - 19 BSPP	2HTBF2	
/4	9/16" - 18 ORB	2HTOF3	
	3/10 10 ONB	3HTF3	3HTF3-SS
	%" - 19 BSPP	3HTBF3	3HTBF3-SS
	9/16" - 18 ORB	3HTOF3	
3/8"	½" - 14 NPTF	3HTF4	3HTF4-SS
	½" - 14 BSPP	3HTBF4	3HTBF4-SS
	³ / ₄ " - 16 ORB	3HTOF4	
	½" - 14 NPTF	4HTF4	4HTF4-SS
	½" - 14 BSPP	4HTBF4	4HTBF4-SS
	3/4" - 16 ORB	4HTOF4	
1/2"	7/8" - 14 ORB	4HTOF5	
	3/4" - 14 NPTF	4HTF6	4HTF6-SS
	3/4" - 14 BSPP	4HTBF6	4HTBF6-SS
	1-1/16" - 12 ORB	4HTOF6	
	7⁄8" - 14 ORB	5HTOF5	
5/11	3/4" - 14 NPTF	5HTF6	5HTF6-SS
5/8"	3/4" - 14 BSPP	5HTBF6	5HTBF6-SS
	1-1/16" - 12 ORB	5HTOF6	
	⅓" - 14 ORB	6HTOF5	
	3/4" - 14 NPTF	6HTF6	6HTF6-SS
	3/4" - 14 BSPP	6HTBF6	6HTBF6-SS
3/4"	1-1/16" - 12 ORB	6HTOF6	
	1" - 11½ NPTF	6HTF8	6HTF8-SS
	1" - 11 BSPP	6HTBF8	6HTBF8-SS
	1-5/16" - 12 ORB	6HTOF8	
	1" - 11½ NPTF	8HTF8	8HTF8-SS
	1" - 11 BSPP	8HTBF8	8HTBF8-SS
1"	1-5/16" - 12 ORB	8HTOF8	
1	11/4" - 111/2 NPTF	8HTF10	8HTF10-SS
	11/4" - 11 BSPP	8HTBF10	8HTBF10-SS
	1%" - 12 ORB	8HTOF10	
	1½" - 11½ NPTF	12HTF12	
1½"	1½" - 11 BSPP	12HTBF12	
	1%" - 12 ORB	12HTOF12	
	2" - 11½ NPTF	16HTF16	
2"	2" - 11 BSPP	16HTBF16	
	2½" - 12 ORB	16HTOF16	



steel



316 stainless



Flushface Male Threaded Couplers

Body Size	Threads	<i>Steel</i> Part #
3/8"	%" - 18 NPTF ½" - 14 NPTF 9/16" - 18 ORB ¾" - 16 ORB	3HTM3 3HTM4 3HTOM3 3HTOM4
1/2"	½" - 14 NPTF	4HTM4



4HTM4



3HTOM4



Flushface Female Threaded Plugs

Body Size	Threads	Steel	316 Stainless Steel
Dody Size	Tilleaus	Part #	Part #
	1/4" - 18 NPTF	HT2F2	
1/4"	1/4" - 19 BSPP	HT2BF2	
	9/16" - 18 ORB	HT2OF3	
	%" - 18 NPTF	HT3F3	HT3F3-SS
	%" - 19 BSPP	HT3BF3	HT3BF3-SS
3/8"	9/16" - 18 ORB	HT3OF3	
78	½" - 14 NPTF	HT3F4	HT3F4-SS
	1/2" - 14 BSPP	HT3BF4	HT3BF4-SS
	3/4" - 16 ORB	HT3OF4	
	½" - 14 NPTF	HT4F4	HT4F4-SS
	½" - 14 BSPP	HT4BF4	HT4BF4-SS



steel



316 stainless

3/4" - 16 ORB HT4OF4 1/2" 3/8" - 14 ORB HT4OF5 3/4" - 14 NPTF HT4F6-SS HT4F6 3/4" - 14 BSPP HT4BF6 HT4BF6-SS 1-1/16<u>" - 12 ORB</u> HT4OF6 %" - 14 ORB HT5OF5 3/4" - 14 NPTF HT5F6 HT5F6-SS 5/8" 3/4" - 14 BSPP HT5BF6 HT5BF6-SS 1-1/16" - 12 ORB HT5OF6 %" - 14 ORB HT6OF5 3/4" - 14 NPTF HT6F6 HT6F6-SS 3/4" - 14 BSPP HT6BF6 HT6BF6-SS 3/4" 1-1/16" - 12 ORB HT6OF6 1" - 11½ NPTF HT6F8 HT6F8-SS 1" - 11 BSPP HT6BF8-SS HT6BF8 1-5/16" - 12 ORB HT6OF8 1" - 11½ NPTF HT8F8 HT8F8-SS 1" - 11 BSPP HT8BF8 HT8BF8-SS 1-5/16" - 12 ORB HT8OF8 1" 11/4" - 111/2 NPTF HT8F10 HT8F10-SS 11/4" - 11 BSPP HT8BF10 HT8BF10-SS 1%" - 12 ORB HT80F10 11/2" - 111/2 NPTF HT12F12 11/2" 11/2" - 11 BSPP HT12BF12 1%" - 12 ORB HT120F12 2" - 111/2 NPTF HT16F16 2" 2" - 11 BSPP HT16BF16 21/2" - 12 ORB HT160F16



Flushface Male Threaded Plugs



HT4M4



HT3OM4

Body Size	Threads	Steel Part #
3/8"	%" - 18 NPTF ½" - 14 NPTF 9/16" - 18 ORB ¾" - 16 ORB	HT3M3 HT3M4 HT3OM3 HT3OM4
1/2"	½" - 14 NPTF	HT4M4



Flushface Male Threaded Bulkhead Couplers

Body Size	Threads	Steel Part #
1/2"	⅓" - 14 JIC BH 1" - 14 ORFS BH 1-1/16" - 12 JIC BH	4HTJB5 4HTRB5 4HTJB6



4HTRB5

Flushface Male Threaded Bulkhead Plugs

Body Size	Threads	<i>Steel</i> Part #
1/2"	⅓" - 14 JIC BH 1" - 14 ORFS BH 1-1/16" - 12 JIC BH	HT4JB5 HT4RB5 HT4JB6



Flushface Coupler Dust Plugs

Body Size	Nitrile
Body Size	Part #
1/4"	2HTDP
3/8"	3HTDP
1/2"	4HTDP
5/8"	5HTDP
3/4"	6HTDP
1"	8HTDP





Flushface Plug Dust Caps

	Nituila
Body Size	Nitrile
Body Gize	Part #
1/4"	HT2DC
3/8"	HT3DC
1/2"	HT4DC
5/8"	HT5DC
3/4"	HT6DC
1"	HT8DC





Flushface Interchange Coupler Bulkhead Kits

Flushface Interchange Coupler Bulkhead Kits			
Body Size	Mounting Hole	Description	Steel Part #
1/4"	1.125"	Two 360° retaining rings	2HT-BMK
3/8"	1.250"	Two 360° retaining rings	знт-вмк
1/2"	1.560"	Two 360° retaining rings	4HT-BMK
5/8"	1.685"	Two 360° retaining rings	5HT-BMK
3/4"	1.870"	Two 360° retaining rings	6HT-BMK
1"	2.310"	Two 360° retaining rings	8HT-BMK

Flushface Interchange Coupler Seal Kits

Body Size	Coupler Style	Description	<i>Nitrile</i> Part #
1/4"	all	Stem/adapter/gland O-ring, gland B.U.	2HT-SKIT
3/8"	all	Stem/adapter/gland O-ring, gland B.U.	3HT-SKIT
1/2"	all	Stem/adapter/gland O-ring, gland B.U.	4HT-SKIT
5/8"	all	Stem/adapter/gland O-ring, gland B.U.	5HT-SKIT
3/4"	all	Stem/adapter/gland O-ring, gland B.U.	6HT-SKIT
1"	all	Stem/adapter/gland O-ring, gland B.U.	8HT-SKIT

Flushface Interchange Nipple Seal Kits

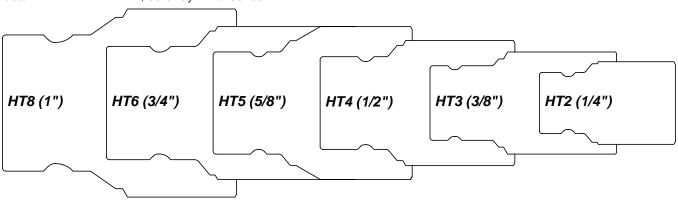


Body Size	Nipple Style	Description	<i>Nitrile</i> Part #
1/4"	all	Main valve seal and adapter O-ring	HT2-SKIT-V2
3/8"	all	Main valve seal and adapter O-ring	HT3-SKIT-V2
1/2"	all	Main valve seal and adapter O-ring	HT4-SKIT-V2
5/8"	all	Main valve seal and adapter O-ring	HT5-SKIT-V2
3/4"	all	Main valve seal and adapter O-ring	HT6-SKIT-V2
1"	all	Main valve seal and adapter O-ring	HT8-SKIT-V2

Profiles

Industry/Competitor Interchange

Parker FEM-Series, Snap-Tite 74-Series, Hansen FF, Aeroquip/Eaton FD89, Stucchi FIRG/Series 'A', Faster FFN/FFI/2FFN/2FFI, Safeway FF49-Series



Features:

- non-linear connection force at all pressures
- no maximum connection-pressure restrictions, up to 5000 PSI
- head pressure or valve bleed-by has minimal effect on connection force
- less susceptible to system contamination
- design is scalable performing similarly in all sizes
- smooth connection action
- connectable with trapped pressure on HTE half only
- pressure rating 5000 PSI at 70°F (21°C)
- conforms to ISO 16028

Connect Under Pressure Flushface Female Threaded Plug

Feature:

• for use with HTZ or HT series couplers

Body Size	Threads	Steel Part #
	½"-14 NPTF	HTE3F4
3/8"	½"-14 BSPP	HTE3BF4
7.0	3/4"-16 ORB	HTE3OF4
	1/2"-14 NPTF	HTE4F4
	½"-14 BSPP	HTE4BF4
	³ / ₄ "-16 ORB	HTE4OF4
1/2"	74 - 10 ORB 74"-14 ORB	HTE4OF4
/2	,	HTE4F6
	3/4"-14 NPTF	1 = •
	3/4"-14 BSPP	HTE4BF6
	1-1/16"-12 ORB	HTE40F6
	%"-14 ORB	HTE5OF5
5/8"	3/4"-14 NPTF	HTE5F6
	3/4"-14 BSPP	HTE5BF6
	1-1/16"-12 ORB	HTE5OF6
	3/4"-14 NPTF	HTE6F6
	3/4"-14 BSPP	HTE6BF6
3/4"	1-1/16"-12 ORB	HTE6OF6
/4	1"-11½ NPTF	HTE6F8
	1"-11 BSPP	HTE6BF8
	1-5/16"-12 ORB	HTE6OF8
	1"-11½ NPTF	HTE8F8
	1"-11 BSPP	HTE8BF8
4	1-5/16"-12 ORB	HTE8OF8
1"	11/4"-111/2 NPTF	HTE8F10
į	11/4"-11 BSPP	HTE8BF10
į	1%"-12 ORB	HTE8OF10
'		•







Hydraulic Fittings









HTZ-Series Hydraulic Couplings

Flush Face Female Threaded Coupler

Features:

- for use with HT or HTE series plugs
- connectable with trapped pressure on HTE half only
- connect under pressure up to 1500 PSI at 70°F (21°C)
- pressure rating 5000 PSI at 70°F (21°C)

Body Size	Threads	<i>Steel</i> Part #
	½"-14 NPTF	4HTZF4
	3/4"-14 NPTF	4HTZF6
1/2"	3/4"-16 ORB	4HTZOF4
	7⁄₃"-14 ORB	4HTZOF5
	1-1/16"-12 ORB	4HTZOF6



DPL418



Features:

- interchangeable with Snap-Tite 71-Series
- Nitrile (Buna-N) seals standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- Contact Dixon® for additional seal material options.
- Contact Dixon® for pressure ratings and other technical information.
- steel coupler sleeves are hardened to resist deformation and maximize service life
- steel nipples are hardened to provide heavy duty performance

Snap-Tite 71 Female Threaded Couplers

Body Size	Threads	Steel	316 Stainless Steel
	11110000	Part #	Part #
1/4"	1/4" - 18 NPTF	2STF2	2STF2-SS
/4	1/4" - 19 BSPP	2STBF2	2STBF2-SS
	1/4" - 18 NPTF	3STF2	
	%" - 18 NPTF	3STF3	3STF3-SS
3/8"	%" - 19 BSPP	3STBF3	3STBF3-SS
	1/2" - 14 NPTF	3STF4	3STF4-SS
	1/2" - 14 BSPP	3STBF4	3STBF4-SS
	1/2" - 14 NPTF	4STF4	4STF4-SS
1/2"	1/2" - 14 BSPP	4STBF4	4STBF4-SS
	3/4" - 16 ORB	4STOF4	
	3/4" - 14 NPTF	6STF6	6STF6-SS
3/4"	3/4" - 14 BSPP	6STBF6	6STBF6-SS
	1-1/16" - 12 ORB	6STOF6	
	1" - 11½ NPTF	8STF8	8STF8-SS
	1" - 11 BSPP	8STBF8	8STBF8-SS
1"	1-5/16" - 12 ORB	8STOF8	
ı	11/4" - 111/2 NPTF	8STF10	8STF10-SS
	11/4" - 11 BSPP	8STBF10	8STBF10-SS
	1%" - 12 ORB	8STOF10	l



steel



316 stainless

Snap-Tite 71 Old Style Female Threaded Couplers

Body Size	Threads	Steel	316 Stainless Steel
Body Size	Tilleaus	Part #	Part #
	1" - 11½ NPTF	8STF8-V2	
1"	1" - 11 BSPP	8STBF8-V2	
	1¼" - 11½ NPTF	8STF10-V2	
	1½" - 11½ NPTF	16STF12	
	1½" - 11 BSPP	16STBF12	
2"	1-1/8" - 12 ORB	16STOF12	
2	2" - 11½ NPTF	16STF16	16STF16-SS
	2" - 11 BSPP	16STBF16	
	2½" - 12 ORB	16STOF16	



steel



316 stainless





Hydraulic Fittings

ST-Series Hydraulic Couplings

Snap-Tite 71 Female Threaded Plugs





316 stainless

Body Size	Threads	<i>Steel</i> Part #	316 Stainless Steel Part #
1/4"	1⁄4" - 18 NPTF	ST2F2	ST2F2-SS
/4	1/4" - 19 BSPP	ST2BF2	ST2BF2-SS
	1/4" - 18 NPTF	ST3F2	
	%" - 18 NPTF	ST3F3	ST3F3-SS
3/8"	%" - 19 BSPP	ST3BF3	ST3BF3-SS
	½" - 14 NPTF	ST3F4	ST3F4-SS
	½" - 14 BSPP	ST3BF4	ST3BF4-SS
	½" - 14 NPTF	ST4F4	ST4F4-SS
1/2"	½" - 14 BSPP	ST4BF4	ST4BF4-SS
	¾" - 16 ORB	ST4OF4	
	3/4" - 14 NPTF	ST6F6	ST6F6-SS
3/4"	3/4" - 14 BSPP	ST6BF6	ST6BF6-SS
	1-1/16" - 12 ORB	ST6OF6	
	1" - 11½ NPTF	ST8F8	ST8F8-SS
	1" - 11 BSPP	ST8BF8	ST8BF8-SS
411	1-5/16" - 12 ORB	ST8OF8	
1"	1¼" - 11½ NPTF	ST8F10	ST8F10-SS
	1¼" - 11 BSPP	ST8BF10	ST8BF10-SS
	1%" - 12 ORB	ST8OF10	

Snap-Tite 71 Old Style Female Threaded Plugs



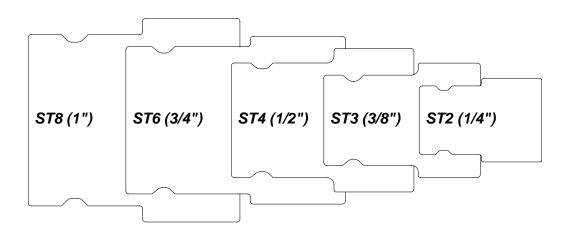
steel



316 stainless

Body Size	Threads	<i>Steel</i> Part #	316 Stainless Steel Part #
	1" - 11½ NPTF	ST8F8-V2	
1"	1" - 11 BSPP	ST8BF8-V2	
	1¼" - 11½ NPTF	ST8F10-V2	
	1½" - 11½ NPTF	ST16F12	
	1½" - 11 BSPP	ST16BF12	
2"	1-¾" - 12 ORB	ST16OF12	
2	2" - 11½ NPTF	ST16F16	ST16F16-SS
	2" - 11 BSPP	ST16BF16	
	2½" - 12 ORB	ST16OF16	

Plug Profiles







Dust Plugs

Body Size	Aluminum body with steel cable	
Body Size	Part #	
1/4"	2STDP-A	
3/8"	3STDP-A	
1/2"	4STDP-A	
3/4"	6STDP-A	
1"	8STDP-A	
1"	8STDP-A-V2	
2"	16STDP-A	



Dust Caps

Body Size	Aluminum body with steel cable Part #
1/4"	ST2DC-A
3/8"	ST3DC-A
1/2"	ST4DC-A
3/4"	ST6DC-A
1"	ST8DC-A
1"	ST8DC-A-V2
2"	ST16DC-A



Snap-Tite 71 Bulkhead Kits

	Body Size	Mounting Hole ID	Seal Kit Contents	<i>Steel</i> Part #
-	1/4" 3/8" 1/2" 3/4"	1.250" 1.625" 2.000" 2.375"	two 360° retaining rings two 360° retaining rings two 360° retaining rings two 360° retaining rings	2ST-BMK 3ST-BMK 4ST-BMK 6ST-BMK



Snap-Tite 71 Coupler Seal Kits

	Body Size	Coupler Style	Seal Kit Contents	<i>Nitrile</i> Part #
_	1/4"	all	two seals and anti-extrusion rings	2ST-SKIT
	3/8"	all	two seals and anti-extrusion rings	3ST-SKIT
	1/2"	all	two seals and anti-extrusion rings	4ST-SKIT
	3/4"	all	two seals and anti-extrusion rings	6ST-SKIT
	1"	all	two seals and anti-extrusion rings	8ST-SKIT
	1"	all	three seals and two anti-extrusion rings	8ST-SKIT-V2
	2"	all	three seals and two anti-extrusion rings	16ST-SKIT

Snap-Tite 71 Plug Seal Kits

Body Size	Coupler Style	Seal Kit Contents	<i>Nitrile</i> Part #
1/4"	all	valve O-ring / back-up and adapter O-ring	ST2-SKIT
3/8"	all	valve O-ring / back-up and adapter O-ring	ST3-SKIT
1/2"	all	valve O-ring / back-up and adapter O-ring	ST4-SKIT
3/4"	all	valve O-ring / back-up and adapter O-ring	ST6-SKIT
1"	all	valve O-ring / back-up and adapter O-ring	ST8-SKIT
2"	all	main valve seal	ST16-SKIT



PD-Series Diagnostic Interchange Couplings

Features

- interchangeable with ISO15171-1, Parker PD-Series, Aeroquip FD90, Tomco Series DK
- steel componentry is plated using ROHS Compliant Trivalent Chrome
- PTFE anti-extrusion ring protects main coupler O-ring from dynamic impulse pressure damage
- nitrile (Buna-N) seal standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- pressure rating 6000 PSI at 70°F (21°C)

Female NPT Couplers



Body Size	Threads	<i>Steel</i> Part #
1/8"	⅓" - 27 NPT ¼" - 18 NPT	1PDF1 1PDF2

Male NPT Couplers



Body Size	Threads	<i>Steel</i> Part #
1/8"	1⁄4" - 18 NPT	1PDM2

Female NPT Plugs



Body Size	Threads	<i>Steel</i> Part #
1/8"	⅓" - 27 NPT ⅓" - 18 NPT	PD1F1 PD1F2

Male Threaded Plugs



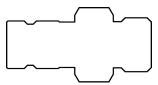
Body Size	Threads	<i>Steel</i> Part #
1/8"	½" - 27 NPT ¼" - 18 NPT 7/16" - 20 ORB 9/16" - 18 ORB	PD1M1 PD1M2 PD1OM2 PD1OM3

Dust Caps



Body Size	Nitrile
	rait#
1/8"	H1DC

Plug Profile







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 superior corrosion resistance
- interchangeable with Parker FET, Stucchi VEP, DNP PST 4/FSI, Holmbury HFT
- Contact Dixon® for pressure ratings and other technical information.

Female Threaded Couplers

Body Size	Threads	Steel
Body 6/20	Tilloado	Part #
	1⁄4" - 18 NPTF	2VEPF2
1/4"	1/4"- 19 BSPP	2VEPBF2
	9/16" - 18 ORB	2VEPOF3
	%" - 18 NPTF	3VEPF3
	%" - 19 BSPP	3VEPBF3
3/8"	3/4" - 16 ORB	3VEPOF4
	½" - 14 NPTF	3VEPF4
	1/2" - 14 BSPP	3VEPBF4
	½" - 14 NPTF	4VEPF4
	1/2" - 14 BSPP	4VEPBF4
	¾" - 16 ORB	4VEPOF4
1/2"	%" - 14 ORB	4VEPOF5
	3/4" - 14 NPTF	4VEPF6
	3/4" - 14 BSPP	4VEPBF6
	1-1/16" - 12 ORB	4VEPOF6
	3/4" - 14 NPTF	6VEPF6
3/4"	3/4" - 14 BSPP	6VEPBF6
	1-1/16" - 12 ORB	6VEPOF6
	1" - 11½ NPTF	8VEPF8
1"	1" - 11 BSPP	8VEPBF8
	1-5/16" - 12 ORB	8VEPOF8
	1¼" - 11½ NPTF	10VEPF10
11/4"	1¼" - 11 BSPP	10VEPBF10
	1-%" - 12 ORB	10VEPOF10
	1½" - 11½ NPTF	12VEPF12
1½"	1½" - 11 BSPP	12VEPBF12
	1-1/8" - 12 ORB	12VEPOF12
	2" - 11½ NPTF	16VEPF16
2"	2" - 11 BSPP	16VEPBF16
İ	2½" - 12 ORB	16VEPOF16
•		







Female Threaded Plugs

Body Size	Threads	Steel Part #
	1/4" - 18 NPTF	VEP2F2
1/4"	1/4"- 19 BSPP	VEP2BF2
77	9/16" - 18 ORB	VEP2OF3
	3/8" - 18 NPTF	VEP3F3
	%" - 19 BSPP	VEP3BF3
3/8"	3/4" - 16 ORB	VEP30F4
78	½" - 14 NPTF	VEF3614 VEP3F4
	½" - 14 BSPP	VEF3F4
	½" - 14 NPTF	VEF3BF4 VEP4F4
	½" - 14 BSPP	VEF4F4 VEP4BF4
	3/4" - 16 ORB	VEP46F4 VEP40F4
1711	/ /	1
1/2"	7%" - 14 ORB	VEP40F5
	3/4" - 14 NPTF	VEP4F6
	3/4" - 14 BSPP	VEP4BF6
	1-1/16" - 12 ORB	VEP4OF6
	¾" - 14 NPTF	VEP6F6
3/4"	3/4" - 14 BSPP	VEP6BF6
	1-1/16" - 12 ORB	VEP6OF6
	1" - 11½ NPTF	VEP8F8
1"	1" - 11 BSPP	VEP8BF8
	1-5/16" - 12 ORB	VEP8OF8
	1¼" - 11½ NPTF	VEP10F10
11/4"	11/4" - 11 BSPP	VEP10BF10
	1-%" - 12 ORB	VEP10OF10
	1½" - 11½ NPTF	VEP12F12
1½"	1½" - 11 BSPP	VEP12BF12
	1-1/8" - 12 ORB	VEP120F12
	2" - 11½ NPTF	VEP16F16
2"	2" - 11 BSPP	VEP16BF16
	2½" - 12 ORB	VEP160F16
		1





Pody Sizo	Aluminum body with steel cable	
Body Size	Part #	
1/4"	2VEPDP-A	
3/8"	3VEPDP-A	
1/2"	4VEPDP-A	
3/4"	6VEPDP-A	
1"	8VEPDP-A	
11⁄4"	10VEPDP-A	
11/2"	12VEPDP-A	
2"	16VEPDP-A	



Dust Caps



Body Size	Aluminum body with steel cable Part #	
1/4"	VEP2DC-A	
3/8"	VEP3DC-A	
1/2"	VEP4DC-A	
3/4"	VEP6DC-A	
1"	VEP8DC-A	
11/4"	VEP10DC-A	
1½"	VEP12DC-A	
2"	VEP16DC-A	



Code 62 Flange Head Coupler

Body Size	Port	Steel
Body Size	Size	Part #
3/4"	3/4"	6VEPFH6
1"	1"	8VEPFH8
11/4"	11⁄4"	10VEPFH10
1½"	1½"	12VEPFH12
2"	2"	16VEPFH16



flange head coupler

Code 62 Flange Head Plug

Pody Size	Port	Steel
Body Size	Size	Part #
3/4"	3/"	VEP6FH6
1"	1"	VEP8FH8
11/4"	11/4"	VEP10FH10
1½"	1½"	VEP12FH12
2"	2"	VEP16FH16



flange head plug

Code 62 Flange Pad Coupler

Pody Size	Port	Steel
Body Size	Size	Part #
3/4"	3/4"	6VEPFP6
1"	1"	8VEPFP8
11/4"	11/4"	10VEPFP10
1½"	1½"	12VEPFP12
2"	2"	16VEPFP16



flange pad coupler

Code 62 Flange Pad Plug

Pody Sizo	Port	Steel
Body Size	Size	Part #
3/4"	3/4"	VEP6FP6
1"	1"	VEP8FP8
11/4"	11/4"	VEP10FP10
1½"	1½"	VEP12FP12
2"	2"	VEP16FP16



flange pad plug



Features:

- red powder coated components and external O-rings for easy BOP service identification
- steel components are plated using ROHS compliant zinc nickel
- blow-out preventer (BOP) coupling critical seals are severe service FKM
- interchangeable with VEP/VEP-HD Series, DNP FSI-BOP Series
- pressure rating 5000 PSI at 70°F (21°C)
- BOP couplings have been fire tested and Lloyd's certified to 1300°F (700°C) in accordance with API 16D. Certificate available upon request.

Female Threaded Couplers



Dody Cizo	Threads	Steel
Body Size	Threads	Part #
3/8"	%" - 18 NPTF	3VEPF3-BOP
1/2"	½" - 14 NPTF	4VEPF4-BOP
3/4"	3/4" - 14 NPTF	6VEPF6-BOP
1"	1" - 11½ NPTF	8VEPF8-BOP
11/4"	11/4" - 111/2 NPTF	10VEPF10-BOP
11/2"	1½" - 11½ NPTF	12VEPF12-BOP

Female Threaded Plugs



Body Size	Threads	Steel Part #
3/8"	%" - 18 NPTF	VEP3F3-BOP
1/2"	½" - 14 NPTF	VEP4F4-BOP
3/4"	3/4" - 14 NPTF	VEP6F6-BOP
1"	1" - 11½ NPTF	VEP8F8-BOP
11⁄4"	11/4" - 111/2 NPTF	VEP10F10-BOP
1½"	1½" - 11½ NPTF	VEP12F12-BOP





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
- nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- Contact Dixon® for pressure ratings and other technical information.

Female Threaded Couplers

Body Size	Threads	Previous Part #	<i>Brass</i> Part #	<i>Steel</i> Part #
1/4"	1/8" - 27 NPTF		2WF1-B	
3/8"	1⁄4" - 18 NPTF		3WF2-B	
78	%" - 18 NPTF		3WF3-B	
	½" - 14 NPTF		6WF4-B	
3/4"	1⁄2" - 14 BSPP		6WBF4-B	
74	3/4" - 14 NPTF	78-600	6WF6-B	
	3/4" - 14 BSPP		6WBF6-B	
1"	1" - 11½ NPTF	78-800	8WF8-B	8WF8
I	1" - 11 BSPP		8WBF8-B	
11/4"	11/4" - 111/2 NPTF	78-1000	10WF10-B	
1 74	1¼" - 11 BSPP		10WBF10-B	
1½"	1½" - 11½ NPTF	78-1200	12WF12-B	
1 /2	1½" - 11 BSPP		12WBF12-B	







Hex-Nut Female Threaded Couplers

Body Size	Threads	Brass	Steel
		Part #	Part #
1/4"	1/8" - 27 NPTF	2WF1-B-HN	
3/8"	1/4" - 18 NPTF	3WF2-B-HN	
/8	3⁄8" - 18 NPTF	3WF3-B-HN	
	1⁄2" - 14 NPTF	6WF4-B-HN	
3/4"	1⁄2" - 14 BSPP	6WBF4-B-HN	
74	3/4" - 14 NPTF	6WF6-B-HN	
	3/4" - 14 BSPP	6WBF6-B-HN	
4"	1" - 11½ NPTF	8WF8-B-HN	8WF8-HN
1"	1" - 11 BSPP	8WBF8-B-HN	
41/11	1¼" - 11½ NPTF	10WF10-B-HN	
11/4"	11/4" - 11 BSPP	10WBF10-B-HN	
41/11	1½" - 11½ NPTF	12WF12-B-HN	
1½"	1½" - 11 BSPP	12WBF12-B-HN	



brass



steel



Hydraulic Fittings

W-Series Hydraulic Couplings

Female Threaded Plugs







steel

Pody Sizo	Threads	Previous Part #	Brass	Steel
Body Size	Tilleaus	Flevious Fait #	Part # Part #	
1/4"	1/8" - 27 NPTF		W2F1-B	
3/8"	1/4" - 18 NPTF		W3F2-B	
/8	%" - 18 NPTF		W3F3-B	
	1/2" - 14 NPTF		W6F4-B	
3/4"	1/2" - 14 BSPP		W6BF4-B	
74	34" - 14 NPTF	79-600	W6F6-B	
	3/4" - 14 BSPP		W6BF6-B	
1"	1" - 11½ NPTF	79-800	W8F8-B	W8F8
1"	1" - 11 BSPP		W8BF8-B	
11/4"	11/4" - 111/2 NPTF	79-1000	W10F10-B	
174	11/4" - 11 BSPP		W10BF10-B	
1½"	1½" - 11½ NPTF	79-1200	W12F12-B	
1 /2	1½" - 11 BSPP		W12BF12-B	

Flanges



Body Size	Bolt Hole Size	Previous Part #	Steel Part #
3/4"	0.201"	77-600	W6-BMF
1"	0.201"	77-800	W8-BMF
11/4"	0.201"	77-1000	W10-BMF
11/2"	0.201"	77-1200	W12-BMF

Dust Plugs





Body Size	Previous Part #	Steel body with steel cable Part #
1/4"		2WDP
3/8"		3WDP
3/4"	78-006	6WDP
1"	78-008	8WDP
11/4"	78-010	10WDP
1½"	78-012	12WDP

Dust Caps



Body Size	Previous Part #	Steel body with steel cable Part #
1/4"		W2DC
3/8"		W3DC
3/4"	79-006	W6DC
1"	79-008	W8DC
11⁄4"	79-010	W10DC
11/2"	79-012	W12DC



Coupler Repair Kits

Body Size	Coupler Style	Seal Kit Contents	<i>Nitrile</i> Part #
3/4"	all	bonded valve, O-rings, and PTFE backup	6W-RKIT-V2
1"	all	bonded valve, O-rings, and PTFE backup	8W-RKIT-V2
11/4"	all	bonded valve, O-rings, and PTFE backup	10W-RKIT-V2
1½"	all	bonded valve, O-rings, and PTFE backup	12W-RKIT-V2



Plug Repair Kits

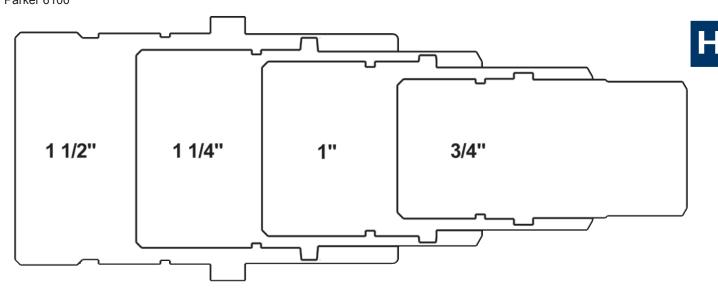
Body Size	Coupler Style	Seal Kit Contents	<i>Nitrile</i> Part #
3/4"	all	valve assembly and O-ring	W6-RKIT-V2
1"	all	valve assembly and O-ring	W8-RKIT-V2
11⁄4"	all	valve assembly and O-ring	W10-RKIT-V2
1½"	all	valve assembly and O-ring	W12-RKIT-V2



Profiles

Industry/Competitor Interchange

Aeroquip 5100 Parker 6100





Application:

• used extensively in oil field and off shore oil rig applications

Features:

- interchanges with Snap-Tite 75 series
- Nitrile (Buna-N) seals standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- Contact Dixon® for pressure ratings and other technical information.

High Pressure Wingstyle Female Threaded Couplers



steel



316 stainless

Body Size	Threads	Steel	316 Stainless Steel
Dody Size	Tilleaus	Part #	Part #
	½" - 14 NPTF	6WSF4	
3/4"	3/4" - 14 NPTF	6WSF6	6WSF6-SS
74	3/4" - 14 BSPP	6WSBF6	6WSBF6-SS
	1-1/16" - 12 ORB	6WSOF6	
	1" - 11½ NPTF	8WSF8	8WSF8-SS
1"	1" - 11 BSPP	8WSBF8	8WSBF8-SS
	1-5/16" - 12 ORB	8WSOF8	
	11/4" - 111/2 NPTF	10WSF10	10WSF10-SS
11⁄4"	1¼" - 11 BSPP	10WSBF10	10WSBF10-SS
	1%" - 12 ORB	10WSOF10	
	1½" - 11½ NPTF	12WSF12	12WSF12-SS
11/2"	1½" - 11 BSPP	12WSBF12	12WSBF12-SS
	1%" - 12 ORB	12WSOF12	
	2" - 11½ NPTF	16WSF16	16WSF16-SS
2"	2" - 11 BSPP	16WSBF16	16WSBF16-SS
	2½" - 12 ORB	16WSOF16	

High Pressure Wingstyle Female Threaded Plugs



steel



316 stainless

Body Size	Threads	Steel	316 Stainless Steel
		Part #	Part #
	½" - 14 NPTF	WS6F4	
3/4"	3/4" - 14 NPTF	WS6F6	WS6F6-SS
74	3/4" - 14 BSPP	WS6BF6	WS6BF6-SS
	1-1/16" - 12 ORB	WS6OF6	
	1" - 11½ NPTF	WS8F8	WS8F8-SS
1"	1" - 11 BSPP	WS8BF8	WS8BF8-SS
	1-5/16" - 12 ORB	WS8OF8	
	1¼" - 11½ NPTF	WS10F10	WS10F10-SS
11/4"	11/4" - 11 BSPP	WS10BF10	WS10BF10-SS
	1%" - 12 ORB	WS100F10	
	1½" - 11½ NPTF	WS12F12	WS12F12-SS
1½"	1½" - 11 BSPP	WS12BF12	WS12BF12-SS
	1%" - 12 ORB	WS120F12	
	2" - 11½ NPTF	WS16F16	WS16F16-SS
2"	2" - 11 BSPP	WS16BF16	WS16BF16-SS
	2½" - 12 ORB	WS16OF16	





High Pressure Wingstyle Code 62 Flange Head Coupler

Body Size	Port	Steel
·	Size	Part #
3/4"	3/4"	6WSFH6
1"	1"	8WSFH8
111/4"	11/4"	10WSFH10
1½"	11/2"	12WSFH12
2"	2"	16WSFH16



High Pressure Wingstyle Code 62 Flange Head Plug

Body Size	Port	Steel
Body Size	Size	Part #
3/4"	3/,"	WS6FH6
1"	1"	WS8FH8
11⁄4"	11/4"	WS10FH10
1½"	11/2"	WS12FH12
2"	2"	WS16FH16



High Pressure Wingstyle Code 62 Flange Pad Coupler

Dody Sizo	Port	Steel
Body Size	Size	Part #
3/4"	3/4"	6WSFP6
1"	1"	8WSFP8
11⁄4"	11/4"	10WSFP10
1½"	1½"	12WSFP12
2"	2"	16WSFP16



Н

High Pressure Wingstyle Code 62 Flange Pad Plug

Pody Sizo	Port	Steel
Body Size	Size	Part #
3/4"	3/"	WS6FP6
1"	1"	WS8FP8
11/4"	11/4"	WS10FP10
1½"	1½"	WS12FP12
2"	2"	WS16FP16







High Pressure Wingstyle Rigid Dust Plugs



Body Size	Aluminum body with steel cable Part #
3/4"	6WSDP-A
1"	8WSDP-A
11/4"	10WSDP-A
1½"	12WSDP-A
2"	16WSDP-A

High Pressure Wingstyle Rigid Dust Caps



Body Size	Aluminum body with steel cable Part #
3/4"	WS6DC-A
1"	WS8DC-A
11⁄4"	WS10DC-A
1½"	WS12DC-A
2"	WS16DC-A

High Pressure Wingstyle Coupler Seal Kits



Body Size	Coupler Style	Seal Kit Contents	<i>Nitrile</i> Part #
3/4"	all	body / valve seals and retaining rings	6WS-SKIT
1"	all	body / valve seals and retaining rings	8WS-SKIT
11⁄4"	all	body / valve seals and retaining rings	10WS-SKIT
11/2"	all	body / valve seals and retaining rings	12WS-SKIT
2"	all	body / valve seals and retaining rings	16WS-SKIT

High Pressure Wingstyle Coupler Repair Kits



Body Size	Coupler Style	Repair Kit Contents	<i>Nitrile</i> Part #
3/4"	all	valve assembly, O-ring, and PTFE B.U.	6WS-RKIT
1"	all	valve assembly, O-ring, and PTFE B.U.	8WS-RKIT
11⁄4"	all	valve assembly, O-ring, and PTFE B.U.	10WS-RKIT
1½"	all	valve assembly, O-ring, and PTFE B.U.	12WS-RKIT
2"	all	valve assembly, O-ring, and PTFF B.U.	16WS-RKIT



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 1300°F (700°C) in accordance with API 16D (Certificate #NAO 0601041/1)
- Contact Dixon® for pressure ratings and other technical information.
- Sleeve is cast using a process that provides better surface finishes, tighter tolerance control, and excellent repeatibility.
- Blowout Preventer Couplings are individually marked with the BOP series designation.

High Pressure Wingstyle Female Threaded Couplers

Body Size	Threads	Steel	316 Stainless Steel
200, 0.20		Part #	Part #
3/4"	½" - 14 NPTF	6WSF4-BOP	
/4	3/4" - 14 NPTF	6WSF6-BOP	6WSF6-SS-BOP
1"	1" - 11½ NPTF	8WSF8-BOP	8WSF8-SS-BOP
11⁄4"	1¼" - 11½ NPTF	10WSF10-BOP	10WSF10-SS-BOP
1½"	1½" - 11½ NPTF	12WSF12-BOP	12WSF12-SS-BOP
2"	2" - 11½ NPTF	16WSF16-BOP	16WSF16-SS-BOP



High Pressure Wingstyle Female Threaded Plugs

Body Size	Threads	<i>Steel</i> Part #	316 Stainless Steel Part #
3/,"	½" - 14 NPTF	WS6F4-BOP	
74	3/4" - 14 NPTF	WS6F6-BOP	WS6F6-SS-BOP
1"	1" - 11½ NPTF	WS8F8-BOP	WS8F8-SS-BOP
11/4"	1¼" - 11½ NPTF	WS10F10-BOP	WS10F10-SS-BOP
11/2"	1½" - 11½ NPTF	WS12F12-BOP	WS12F12-SS-BOP
2"	2" - 11½ NPTF	WS16F16-BOP	WS16F16-SS-BOP





High Pressure Wingstyle Seal Kits

Body Size	Coupler Style	Repair Kit Contents	<i>FR FKM</i> Part #
3/4"	all	body / valve seals and retaining rings	6BOP-SKIT
1"	all	body / valve seals and retaining rings	8BOP-SKIT
11⁄4"	all	body / valve seals and retaining rings	10BOP-SKIT
1½"	all	body / valve seals and retaining rings	12BOP-SKIT
2"	all	body / valve seals and retaining rings	16BOP-SKIT





Applications:

 Designed for 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 and Enerpac C 604
- nitrile O-ring with TPC-ET back up ring standard providing a temperature range of **-40°F** to **250°F** (**-40°C** to **121°C**)
- both poppet valve and ball valve styles available

Female NPTF Ball Coupler



Body Size	Threads	Steel	
Body Size	Tilleaus	Previous Part #	Part #
3/8"	%" - 18 NPTF	30-300F	3TF3

Male NPTF Ball Couplers



Body Size	Threads	Previous Part #	<i>Steel</i> Part #	Threads	316 Stainless Steel Part #
	1/4" - 18 NPTF 3/8" - 18 NPTF		2TM2 3TM3	 %" - 18 NPT	 3TM3-SS

Male NPTF Poppet Couplers





Body Size	Threads	Steel	316 Stainless Steel
		Part #	Part #
3/8"	%" - 18 NPT	3TM3-PV	3TM3-SS-PV

Female NPTF Ball Plugs



Body Size	Threads	Previous Part #	<i>Steel</i> Part #	Threads	316 Stainless Steel Part #
1/4"	1/4" - 18 NPTF	31-200	T2F2		
3/8"	%" - 18 NPTF	31-300	T3F3	%" - 18 NPT	T3F3-SS

Female NPTF Poppet Plugs



Body Size	Threads	Steel	316 Stainless Steel
		Part #	Part #
3/8"	%" - 18 NPT	T3F3-PV	T3F3-SS-PV



Dust Plugs

Body Size	Previous Part #	Steel body with rubber lanyard Part #
1/4"	30-200DP	2TDP
3/8"	30-300DP	3TDP



Hydraulic Fittings

Dust Caps

Body Size	Previous Part #	Steel body with steel cable Part #
1/4"	31-200DC	T2DC
3/8"	31-300DC	T3DC



Ball Coupler Seal Kits

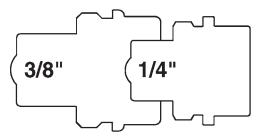
Body Size	Coupler Style	Seal Kit Contents	<i>Urethane</i> Part #
1/4"	ball valve	,	2T-SKIT
3/8"	ball valve		3T-SKIT



Plug Profiles

Industry/Competitor Interchange

Parker 3000 Enerpac C604





Features:

Body Size

11/4"

- nitrile (Buna-N) seal standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- Contact Dixon® for pressure ratings and other technical information.
- interchangeable with European Screw-Together, Inteva STG-Series, Faster CVV-Series, DNP PVV3, Voswinkel Type-HS

Steel

10CVVBF10

European Female Threaded Couplers

Threads

		Part #
	1⁄4" - 18 NPTF	2CVVF2
1/4"	1⁄4" - 19 BSPP	2CVVBF2
	M14X1.5	2CVVFM1415
	%" - 18 NPTF	3CVVF3
3/8"	%" - 19 BSPP	3CVVBF3
	M16X1.5	3CVVFM1615
	½" - 14 NPTF	4CVVF4
	3/4" - 16 ORB	4CVVOF4
1/2"	½" - 14 BSPP	4CVVBF4
/2	M18X1.5	4CVVFM1815
	⅓" - 14 ORB	4CVVOF5
	M22X1.5	4CVVFM2215
	3/4" - 14 NPTF	6CVVF6
3/4"	3/4" - 14 BSPP	6CVVBF6
	M22X1.5	6CVVFM2215
1"	1" - 11½ NPTF	8CVVF8
	1" - 11 BSPP	8CVVBF8
41/"	1¼" - 11½ NPTF	10CVVF10



European Female Threaded Plugs

11/4" - 11 BSPP

Body Size	Threads	Steel Part #
	1/4" - 18 NPTF	CVV2F2
1/4"	1/4" - 19 BSPP	CVV2BF2
	M14X1.5	CVV2FM1415
	3/8" - 18 NPTF	CVV3F3
3/8"	3/8" - 19 BSPP	CVV3BF3
	M16X1.5	CVV3FM1615
	½" - 14 NPTF	CVV4F4
	3/4" - 16 ORB	CVV4OF4
1/2"	½" - 14 BSPP	CVV4BF4
/2	M18X1.5	CVV4FM1815
	⅓" - 14 ORB	CVV4OF5
	M22X1.5	CVV4FM2215
	3/4" - 14 NPTF	CVV6F6
3/4"	¾" - 14 BSPP	CVV6BF6
	M22X1.5	CVV6FM2215
4"	1" - 11½ NPTF	CVV8F8
1"	1" - 11 BSPP	CVV8BF8
41/11	1¼" - 11½ NPTF	CVV10F10
11/4"	1¼" - 11 BSPP	CVV10BF10





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CVV-Series Hydraulic Couplings

European Dust Plugs

Pody Sizo	Plastic	
Body Size	Part #	
1/4"	2CVVDP	
3/8"	3CVVDP	
1/2"	4CVVDP	
3/4"	6CVVDP	
1"	8CVVDP	
11/4"	10CVVDP	



European Dust Caps

Body Size	Plastic	
Body Size	Part #	
1/4"	CVV2DC	
3/8"	CVV3DC	
1/2"	CVV4DC	
3/4"	CVV6DC	
1"	CVV8DC	
11/4"	CVV10DC	







Features

- couplers have no internal valves which provide maximum flow with minimum pressure drop
- nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- Contact Dixon® for additional seal material options.
- Contact Dixon® for pressure ratings and other technical information.
- interchanges with Parker ST, Hannifin SST/BST, Foster FST, Hansen ST, and Tomco ST couplings
- Do not disconnect with pressure in line.



Straight Through Female Threaded Couplers



brass



303 stainless

Pody Sizo	Throada	Brass		303 Stainless Steel	
Body Size	Body Size Threads		Part #	Previous Part #	Part #
1/8"	1/4" - 27 NPTF		1EF1-B		1EF1-S
1/4"	1/4" - 18 NPTF	STFC2	2EF2-B	STFC2SS	2EF2-S
74	1/4" - 19 BSPP		2EBF2-B		
3/8"	%" - 18 NPTF	STFC3	3EF3-B	STFC3SS	3EF3-S
/8	%" - 19 BSPP		3EBF3-B		
1/2"	½" - 14 NPTF	STFC4	4EF4-B	STFC4SS	4EF4-S
/2	½" - 14 BSPP		4EBF4-B		
3/4"	3/4" - 14 NPTF	STFC6	6EF6-B	STFC6SS	6EF6-S
/4	3/4" - 14 BSPP		6EBF6-B		
1"	1" - 11½ NPTF	STFC8	8EF8-B	STFC8SS	8EF8-S
ı	1" - 11 BSPP		8EBF8-B		
11/4"	11/4" - 111/2 NPTF	STFC10	10EF10-B		10EF10-S
11/2"	1½" - 11½ NPTF	STFC12	12EF12-B		12EF12-S
2"	2" - 11½ NPTF	STFC16	16EF16-B		16EF16-S

Straight Through Male Threaded Couplers





brass



303 stainless

Body Size	Threads	Brass		303 Stainless Steel	
Dody Size	Tilleaus	Previous Part #	Part #	Previous Part #	Part #
1/8"	1/4" - 27 NPTF		1EM1-B		1EM1-S
1/4"	1/4" - 18 NPTF	STMC2	2EM2-B	STMC2SS	2EM2-S
3/8"	%" - 18 NPTF	STMC3	3EM3-B	STMC3SS	3EM3-S
1/2"	½" - 14 NPTF	STMC4	4EM4-B	STMC4SS	4EM4-S
3/4"	3/4" - 14 NPTF	STMC6	6EM6-B	STMC6SS	6EM6-S
1"	1" - 11½ NPTF	STMC8	8EM8-B	STMC8SS	8EM8-S
11/4"	11/4" - 111/2 NPTF	STMC10	10EM10-B		
11/2"	1½" - 11½ NPTF	STMC12	12EM12-B		
2"	2" - 11½ NPTF	STMC16	16EM16-B		

Straight Through Hose Barb Couplers



Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4"	2ES2-B
3/8"	3/8"	3ES3-B
1/2"	1/2"	4ES4-B
3/4"	3/4"	6ES6-B
1"	1"	8ES8-B

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E-Series Hydraulic Couplings

Straight Through Female Threaded Plugs

	1	1	,		
Body	Threads	Ste	eel	Bra	ass
Size	Tilleaus	Previous Part #	Part #	Previous Part #	Part #
1/8"	1/8" - 27 NPTF		E1F1		E1F1-B
1/4"	1/4" - 18 NPTF	STFP2	E2F2	STFP2B	E2F2-B
/4	1/4" - 19 BSPP				E2BF2-B
3/11	%" - 18 NPTF	STFP3	E3F3	STFP3B	E3F3-B
3/8"	%" - 19 BSPP				E3BF3-B
1/2"	½" - 14 NPTF	STFP4	E4F4	STFP4B	E4F4-B
/2	½" - 14 BSPP				E4BF4-B
3/4"	3/4" - 14 NPTF		E6F6		E6F6-B
74	3/4" - 14 BSPP				E6BF6-B
1"	1" - 11½ NPTF	STFP8	E8F8	STFP8B	E8F8-B
ı	1" - 11 BSPP				E8BF8-B
11/4"	11/4" - 111/2 NPTF	STFP10	E10F10		E10F10-B
1½"	1½" - 11½ NPTF	STFP12	E12F12		E12F12-B
2"	2" - 11½ NPTF	STFP16	E16F16		E16F16-B



steel



brass

Body Size	Threads	303 Stain	less Steel
Dody Size	Tilleaus	Previous Part #	Part #
1/8"	⅓" - 27 NPTF		E1F1-S
1/4"	1/4" - 18 NPTF	STFP2SS	E2F2-S
3/8"	%" - 18 NPTF	STFP3SS	E3F3-S
1/2"	½" - 14 NPTF	STFP4SS	E4F4-S
3/4"	3/4" - 14 NPTF		E6F6-S
1"	1" - 11½ NPTF	STFP8SS	E8F8-S
11/4"	1¼" - 11½ NPTF		E10F10-S
11/2"	1½" - 11½ NPTF		E12F12-S
2"	2" - 11½ NPTF		E16F16-S



Straight Through Male Threaded Plugs

Body Size	Threads	Ste			ass
Dody Size	Tilleaus	Previous Part #	Part #	Previous Part #	Part #
1/8"	1/8" - 27 NPTF		E1M1		E1M1-B
1/4"	1/4" - 18 NPTF	STMP2	E2M2	STMP2B	E2M2-B
3/8"	%" - 18 NPTF	STMP3	E3M3	STMP3B	E3M3-B
1/2"	½" - 14 NPTF	STMP4	E4M4	STMP4B	E4M4-B
3/4"	3/4" - 14 NPTF	STMP6	E6M6	STMP6B	E6M6-B
1"	1" - 11½ NPTF	STMP8	E8M8	STMP8B	E8M8-B
11/4"	11/4" - 111/2 NPTF	STMP10	E10M10		E10M10-B
1½"	1½" - 11½ NPTF	STMP12	E12M12		E12M12-B
2"	2" - 11½ NPTF	STMP16	E16M16		E16M16-B



steel



brass

Body Size	Threads	303 Stain	less Steel
Body Size	Tilleaus	Previous Part #	Part #
1/8"	1/8" - 27 NPTF		E1M1-S
1/4"	1/4" - 18 NPTF	STMP2SS	E2M2-S
3/8"	%" - 18 NPTF	STMP3SS	E3M3-S
1/2"	½" - 14 NPTF	STMP4SS	E4M4-S
3/4"	¾" - 14 NPTF	STMP6SS	E6M6-S
1"	1" - 11½ NPTF	STMP8SS	E8M8-S







Straight Through Hose Barb Plugs





brass

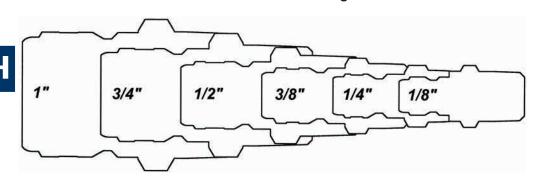
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Steel Brass Body Size Hose ID Part # Part # 1/4" 1/4" E2S2 E2S2-B 3/8" 3/8" E3S3 E3S3-B 1/2" 1/2" E4S4 E4S4-B 3/4" 3/4" E6S6 E6S6-B 1" 1" E8S8 E8S8-B

Straight Through Coupler Seal Kits

Body Size	Coupler Style	Seal Kit	Nitrile	FKM	EPDM
Body Size	Couplet Style	Contents	Part #	Part #	Part #
1/4"	all	body O-ring	2E-SKIT	F-2E-SKIT	P-2E-SKIT
3/8"	all	body O-ring	3E-SKIT	F-3E-SKIT	P-3E-SKIT
1/2"	all	body O-ring	4E-SKIT	F-4E-SKIT	P-4E-SKIT
3/4"	all	body O-ring	6E-SKIT	F-6E-SKIT	P-6E-SKIT
1"	all	body O-ring	8E-SKIT	F-8E-SKIT	P-8E-SKIT
11/4"	all	body O-ring	10E-SKIT	F-10E-SKIT	P-10E-SKIT
1½"	all	body O-ring	12E-SKIT	F-12E-SKIT	P-12E-SKIT
2"	all	body O-ring	16E-SKIT	F-16E-SKIT	P-16E-SKIT

Plug Profiles



Industry/Competitor Interchange

DPL418

Foster FST Parker ST Hansen ST

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 brinneling and internal
 erosion
- heavy duty knurled sleeve with locking pin provides maximum protection against brinneling and accidental disconnection
- nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to 250°F (-40°C to 121°C)
- interchangeable with Parker WB, Aeroquip FD69, and Snap Tite 56
- pressure rating 10000 PSI at 70°F (21°C)

Water-Blast Couplers

Body Size	Female Threads	<i>Steel</i> Part #
1/2"	3/8" - 18 NPTF	4EAF3
1/2"	1/2" - 14 NPTF	4EAF4



Water-Blast Plugs

Body Size	Female Threads	Steel Part #
1/2"	%" - 18 NPTF	EA4F3
1/2"	½" - 14 NPTF	EA4F4

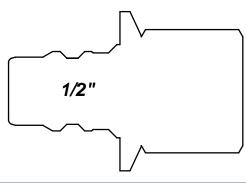


Water-Blast Seal Kits

Body Size	Coupler Style	Seal Kit Contents	<i>Nitrile</i> Part #
1/2"	all	body O-ring and PTFE back-up	4EA-SKIT

•	Body Size	Coupler Style	Seal Kit Contents	<i>EPDM</i> Part #
	1/2"	all	body O-ring and PTFE back-up	P-4EA-SKIT

Plug Profile





501



Features:

- interchangeable with Foster Series- FJT, Hansen Flo-Temp, Tomco MC-Series, Parker Moldmate, DME Jiffy-Tite
- silicone gaskets and valve O-rings standard providing a temperature range -90°F to 400°F (-68°C to 205°C)
- Contact Dixon® for pressure ratings and other technical information.

Industrial Mold Plug Female NPTF



steel



brass

Body Size	Threads	<i>Steel</i> Part #	<i>Brass</i> Part #
	1/8" - 27 NPTF	CM2F1	CM2F1-B
1/4"	1⁄4" - 18 NPTF	CM2F2	CM2F2-B
	%" - 18 NPTF	CM2F3	CM2F3-B
3/,"	1⁄4" - 18 NPTF	CM3F2	CM3F2-B
78	%" - 18 NPTF	CM3F3	CM3F3-B
1/2"	½" - 14 NPTF		CM4F4-B
//2	¾" - 14 NPTF		CM4F6-B

Industrial Mold Plug Male NPTF



Body Size	Threads	<i>Brass</i> Part #
	1/8" - 27 NPTF	CM2M1-B
1/4"	1⁄4" - 18 NPTF	CM2M2-B
	3⁄8" - 18 NPTF	CM2M3-B
	1⁄4" - 18 NPTF	СМ3М2-В
3/8"	3∕8" - 18 NPTF	СМЗМЗ-В
	½" - 14 NPTF	CM3M4-B
1/2"	½" - 14 NPTF	CM4M4-B
/2	3/4" - 14 NPTF	CM4M6-B

Industrial Mold Extension Plug Male NPTF



Body Size	Threads	Brass
	Timedas	Part #
	1/4" - 27 NPTF	CM2M1-B-L2.5
	1/8" - 27 NPTF	CM2M1-B-L4
	1/8" - 27 NPTF	CM2M1-B-L5.5
1/4"	1/4" - 18 NPTF	CM2M2-B-L2.5
	1/4" - 18 NPTF	CM2M2-B-L4
	1/4" - 18 NPTF	CM2M2-B-L5.5
	1/4" - 18 NPTF	CM2M2-B-L7
	1/8" - 27 NPTF	CM3M1-B-L2.5
	1/8" - 27 NPTF	CM3M1-B-L4
	1/8" - 27 NPTF	CM3M1-B-L5.5
	1/8" - 27 NPTF	CM3M1-B-L7
3/8"	1/4" - 18 NPTF	CM3M2-B-L2.5
78	1/4" - 18 NPTF	CM3M2-B-L4
	1/4" - 18 NPTF	CM3M2-B-L5.5
	1⁄4" - 18 NPTF	CM3M2-B-L7
	1⁄4" - 18 NPTF	CM3M2-B-L8.5
	1⁄4" - 18 NPTF	CM3M2-B-L11.5

DPL418

CM-Series Hydraulic Couplings

Industrial Mold Unvalved Coupler Female NPTF

Body Size	Threads	<i>Brass</i> Part #
1/4"	1/8" - 27 NPTF	2CMF1-B-E
74	1⁄4" - 18 NPTF	2CMF2-B-E
3/8"	1⁄4" - 18 NPTF	3CMF2-B-E
/8	3⁄8" - 18 NPTF	3CMF3-B-E
1/2"	½" - 14 NPTF	4CMF4-B-E



Industrial Mold Valved Coupler Female NPTF

Body Size	Threads	<i>Brass</i> Part #
1/4"	1⁄8" - 27 NPTF	2CMF1-B
3/8"	1⁄4" - 18 NPTF	3CMF2-B



Industrial Mold Unvalved Coupler Hose Barb

Body Size	Hose ID	<i>Brass</i> Part #
1/4"	½" 5/16" ¾"	2CMS2-B-E 2CMS2.5-B-E 2CMS3-B-E
3/8"	3/8" 1/2"	3CMS3-B-E 3CMS4-B-E
1/2"	1/2" 3/4"	4CMS4-B-E 4CMS6-B-E



Industrial Mold Valved Coupler Hose Barb

Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1⁄4" 5/16" 3⁄8"	2CMS2-B 2CMS2.5-B 2CMS3-B
3/8"	3/ ₈ " 1/ ₂ "	3CMS3-B 3CMS4-B



Industrial Mold Unvalved Coupler Push-Loc Barb

Body Size	Hose ID	<i>Brass</i> Part #
178	1/4"	2CMB2-B-E
1/4"	3/8"	2CMB3-B-E
3/11	3/8"	3CMB3-B-E
3/8"	1/2"	3CMB4-B-E
1/11	1/2"	4CMB4-B-E
1/2"	3/,"	ACMR6-R-F



Industrial Mold Valved Coupler Push-Loc Barb

1/4" 2CMB2-B 3/8" 2CMB3-B 3/8" 3CMB3-B 3/8" 3CMB4-B	Body Size	Hose ID	<i>Bra</i> ss Part #
%" 2CMB3-B 3%" 3CMB3-B	1/11	1/4"	2CMB2-B
3/,"	1/4"	3/8"	2CMB3-B
⁷⁸ 1/ ₂ " 3CMB4-B	3/"	3/8"	3CMB3-B
1 1 2 2 2	78	1/2"	3CMB4-B





Hydraulic Fittings

CM-Series Hydraulic Couplings

Industrial Mold Unvalved Coupler 45° Hose Barb



Body Size	Hose ID	<i>Brass</i> Part #
1/4"	½" 5/16" %"	2CM4S2-B-E 2CM4S2.5-B-E 2CM4S3-B-E
3/8"	3/8" 1/2"	3CM4S3-B-E 3CM4S4-B-E
1/2"	1/2" 3/4"	4CM4S4-B-E 4CM4S6-B-E

Industrial Mold Valved Coupler 45° Hose Barb



Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4" 3/ ₈ "	2CM4S2-B 2CM4S3-B
3/8"	3/8" 1/2"	3CM4S3-B 3CM4S4-B

Industrial Mold Unvalved Coupler 45° Push-Loc Barb



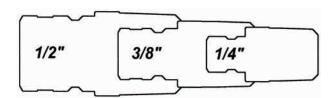
Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4"	2CM4B2-B-E
	3/8" 3/8"	2CM4B3-B-E 3CM4B3-B-E
3/8"	1/2"	3CM4B4-B-E
1/2"	1/2"	4CM4B4-B-E
,-	3/4"	4CM4B6-B-E

Industrial Mold Valved Coupler 45° Push-Loc Barb



Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4" 3/8"	2CM4B2-B 2CM4B3-B
3/8"	3/8" 1/2"	3CM4B3-B 3CM4B4-B

Plug Profiles





CM-Series Hydraulic Couplings

Industrial Mold Unvalved Coupler 90° Hose Barb

Body Size	Hose ID	<i>Brass</i> Part #
	1/4"	2CM9S2-B-E
1/4"	5/16"	2CM9S2.5-B-E
	3/8"	2CM9S3-B-E
3/8"	3/8"	3CM9S3-B-E
78	1/2"	3CM9S4-B-E
1/2"	1/2"	4CM9S4-B-E
/2	3/4"	4CM9S6-B-E



Industrial Mold Valved Coupler 90° Hose Barb

Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1⁄4" 5/16" 3⁄8"	2CM9S2-B 2CM9S2.5-B 2CM9S3-B
3/8"	3/8" 1/2"	3CM9S3-B 3CM9S4-B



Industrial Mold Unvalved Coupler 90° Push-Loc Barb

Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4" 3/8"	2CM9B2-B-E 2CM9B3-B-E
3/8"	3/8" 1/2"	3CM9B3-B-E 3CM9B4-B-E
1/2"	1/2" 3/4"	4CM9B4-B-E 4CM9B6-B-E



Industrial Mold Valved Coupler 90° Push-Loc Barb

Body Size	Hose ID	<i>Brass</i> Part #
1/4"	1/4" 3/ ₈ "	2CM9B2-B 2CM9B3-B
3/8"	3/8" 1/2"	3CM9B3-B 3CM9B4-B



Industrial Mold Interchange Dust Plugs

Body Size	Lanyard	<i>Brass</i> Part #
1/4"	N/A	2CMPC-B
3/8"	N/A	3CMPC-B
1/2"	N/A	4CMPC-B



Industrial Mold Coupler Seal Kits

Body Size	Coupler Style	Seal Kit Contents	Silicone Part #
1/4"	all	body seal	2CM-SKIT
3/8"	all	body seal	3CM-SKIT
1/2"	all	body seal	4CM-SKIT





Flat Face

Male Unions

Features:

- reference SAE 520101
- pressure rating at 70°F (21°C)



Male Flat Face	PSI	Zinc Plated Steel Part #
9/16"-18	6000	FS2403-4
11/16"-16	6000	FS2403-6
13/16"-16	6000	FS2403-8
1"-14	6000	FS2403-10
1-3/16"-12	6000	FS2403-12
1-7/16"-12	6000	FS2403-16

Male x Male SAE O-ring Boss Connectors

Features:

- reference SAE 520120
- pressure rating at 70°F (21°C)



	Male	Male SAE	PSI	Zinc Plated Steel
	Flat Face	O-ring Boss	P 51	Part #
ľ	9/16"-18	7/16"-20	5000	FS6400-4-4
	11/16"-16	9/16"-18	5000	FS6400-6-6
	13/16"-16	3/4"-16	4500	FS6400-8-8
	1"-14	7⁄8"-14	3500	FS6400-10-10
	1-3/16"-12	1-1/16"-12	3500	FS6400-12-12
	1-7/16"-12	1-5/16"-12	3000	FS6400-16-16

Male x Male NPTF Connectors

Features:

- reference SAE 520102
- pressure rating at 70°F (21°C)



Male	Male	PSI	Zinc Plated Steel
Flat Face	NPTF		Part #
9/16"-18	1/4"-18	5000	FS2404-4-4
11/16"-16	3/s"-18	4000	FS2404-6-6
13/16"-16	1/2"-14	3000	FS2404-8-8
1-3/16"-12 1-7/16"-12	3/4"-14 1"-111/2	2500 2000	FS2404-0-6 FS2404-12-12 FS2404-16-16

Male x Female Swivel Nut 90° Elbows

Features:

- reference SAE 520221
- pressure rating at 70°F (21°C)



	Male Flat Face	Female Flat Face	PSI	Zinc Plated Steel Part #
_	9/16"-18	9/16"-18	6000	FS6500-4-4
	11/16"-16	11/16"-16	6000	FS6500-6-6
	13/16"-16	13/16"-16	6000	FS6500-8-8
	1"-14	1"-14	6000	FS6500-10-10
	1-3/16"-12	1-3/16"-12	6000	FS6500-12-12
	1-7/16"-12	1-7/16"-12	6000	FS6500-16-16

Male x Male SAE O-ring Boss 90° Elbows

- reference SAE 520220
- pressure rating at 70°F (21°C)



Male	Male SAE	PSI	Zinc Plated Steel
Flat Face	O-ring Boss	P31	Part #
9/16"-18	7/16"-20	5000	FS6801-4-4
11/16"-16	9/16"-18	5000	FS6801-6-6
13/16"-16	3/4"-16	4500	FS6801-8-8
1"-14	⁷ ⁄8"-14	3500	FS6801-10-10
1-3/16"-12	1-1/16"-12	3500	FS6801-12-12
1-7/16"-12	1-5/16"-12	3000	FS6801-16-16



Flat Face

Male x Male NPTF 90° Elbows

Features:

- reference SAE 520202
- pressure rating at 70°F (21°C)

Male Flat Face	Male NPTF	PSI	Zinc Plated Steel Part #
9/16"-18	1/4"-18	5000	FS2501-4-4
11/16"-16	3⁄8"-18	4000	FS2501-6-6
13/16"-16	1/2"-14	3000	FS2501-8-8
1-3/16"-12	³ ⁄ ₄ "-14	2500	FS2501-12-12
1-7/16"-12	1"-11½	2000	FS2501-16-16



Male Union Tees

Features:

- reference SAE 520401
- pressure rating at 70°F (21°C)

Male	Male	Male	PSI	Zinc Plated Steel
Flat Face	Flat Face	Flat Face		Part #
9/16"-18 11/16"-16 13/16"-16 1"-14 1-3/6"-12 1-7/16"-12	9/16"-18 11/16"-16 13/16"-16 1"-14 1-3/16"-12 1-7/16"-12	9/16"-18 11/16"-16 13/16"-16 1"-14 1-3/16"-12 1-7/16"-12	6000 6000 6000 6000 6000	FS2603-4 FS2603-6 FS2603-8 FS2603-10 FS2603-12 FS2603-16



Male x Female Swivel x Male Run Tees

Features:

- reference SAE 520432
- pressure rating at 70°F (21°C)

Male Flat Face	Female Flat Face Swivel	Male Flat Face	PSI	Zinc Plated Steel Part #
9/16"-18	9/16"-18	9/16"-18	4500	FS6602-4
11/16"-16	11/16"-16	11/16"-16	4000	FS6602-6
13/16"-16	13/16"-16	13/16"-16	4000	FS6602-8
1"-14	1"-14	1"-14	3000	FS6602-10
1-3/16"-12	1-3/16"-12	1-3/16"-12	3000	FS6602-12
1-7/16"-12	1-7/16"-12	1-7/16"-12	2500	FS6602-16





Caps

Features:

- reference SAE 520112
- pressure rating at 70°F (21°C)

Female Flat Face	PSI	Zinc Plated Steel Part #
9/16"-18	6000	FS304C-4
11/16"-16	6000	FS304C-6
13/16"-16	6000	FS304C-8
1"-14	6000	FS304C-10
1-3/16"-12	6000	FS304C-12
1-7/16"-12	6000	FS304C-16



Plugs

- reference SAE 520109
- pressure rating at 70°F (21°C)

Male	PSI	Zinc Plated Steel	
Flat Face	FSI	Part #	
9/16"-18	6000	FS2408-4	
11/16"-16	6000	FS2408-6	
13/16"-16	6000	FS2408-8	
1"-14	6000	FS2408-10	
1-3/16"-12	6000	FS2408-12	
1-7/16"-12	6000	FS2408-16	





O-ring Boss Port Reducers

Feature:

• pressure rating at 70°F (21°C)



F			
Male SAE	Female	PSI	Zinc Plated Steel
O-ring Boss	O-ring Port	1 01	Part #
9/16"-18	7/16"-20	5000	6410-6-4
9/16"-18	3/4"-16	4500	6410-6-8
³ ⁄ ₄ "-16	7∕8"-14	3500	6410-8-10
³ ⁄ ₄ "-16	9/16"-18	4500	6410-8-6
⁷ ∕8"-14	1-1/16"-12	3500	6410-10-12
⁷ ∕ ₈ "-14	³⁄₄"-16	3500	6410-10-8
1-1/16"-12	7∕8"-14	3000	6410-12-10
1-1/16"-12	1-5/16"-12	3000	6410-12-16

Feature:

Adjustable Unions

pressure rating at 70°F (21°C)



Male	Adjustable	PSI	Zinc Plated Steel
O-ring Boss	O-ring Boss	POI	Part #
7/16"-20	7/16"-20	4500	6403-4
9/16"-18	9/16"-18	4000	6403-6
³ ⁄ ₄ "-16	3⁄4"-16	4000	6403-8
⅓"-14	½"-14	3000	6403-10
1-1/16"-12	1-1/16"-12	3000	6403-12
1-5/16"-12	1-5/16"-12	2500	6403-16

Features:

Male JIC x Male SAE

- reference SAE 070120
- pressure rating at 70°F (21°C)



Male JIC	Male SAE O-ring PSI	DQI	Zinc Plated Steel
Iviale Sic	Boss	1 31	Part #
7/16"-20	7/16"-20	5000	1231-04-04
7/16"-20	9/16"-18	5000	1231-04-06
7/16"-20	3/4"-16	4500	1231-04-08
1/2"-20	1/2"-20	5000	1231-05-05
9/16"-18	7/16"-20	5000	1231-06-04
9/16"-18	9/16"-18	5000	1231-06-06
9/16"-18	3/4"-16	4500	1231-06-08
9/16"-18	½"-14	3500	1231-06-10
¾"-16	9/16"-18	4500	1231-08-06
¾"-16	3/4"-16	4500	1231-08-08
¾"-16	7∕ ₈ "-14	3500	1231-08-10
¾"-16	1-1/16"-12	3500	1231-08-12
%"-14	3/4"-16	3500	1231-10-08
7∕8"-14	⅓"-14	3500	1231-10-10
7∕8"-14	1-1/16"-12	3500	1231-10-12
1-1/16"-12	½"-14	3500	1231-12-10
1-1/16"-12	1-1/16"-12	3500	1231-12-12
1-1/16"-12	1-5/16"-12	3000	1231-12-16
1-5/16"-12	1-1/16"-12	3000	1231-16-12
1-5/16"-12	1-5/16"-12	3000	1231-16-16
1-5/16"-12	1%"-12	2500	1231-16-20
1%"-12	1-5/16"-12	2500	1231-20-16
1%"-12	1%"-12	2500	1231-20-20

Feature:

Male x Male NPTF

pressure rating at 70°F (21°C)



pressure rating	at 10 1 (21 0)		
Male SAE	Male NPTF	DCI	Zinc Plated Steel
O-ring Boss	Pipe Adapter	F31	Part #
7/16"-20	1/4"-18	5000	6401-4-4
9/16"-18	1/4"-18	4000	6401-6-4
9/16"-18	3⁄8"-18	4000	6401-6-6
9/16"-18	1/2"-14	3000	6401-6-8
³⁄₄"-16	3⁄8"-18	3000	6401-8-6
³⁄₄"-16	1/2"-14	3000	6401-8-8
⁷ ∕8"-14	1/2"-14	3000	6401-10-8
1-1/16"-12	³ ⁄ ₄ "-14	2500	6401-12-12
1-5/16"-12	1"-11½	2000	6401-16-16
	Male SAE O-ring Boss 7/16"-20 9/16"-18 9/16"-18 9/16"-18 3/4"-16 3/4"-16 7/6"-14 1-1/16"-12	O-ring Boss Pipe Adapter 7/16"-20	Male SAE O-ring Boss Male NPTF Pipe Adapter PSI 7/16"-20 ¼"-18 5000 9/16"-18 ¼"-18 4000 9/16"-18 ¾"-18 4000 9/16"-18 ½"-14 3000 ¾"-16 ¾"-18 3000 ¾"-16 ½"-14 3000 ¾"-16 ½"-14 3000 ½"-14 3000 3000 ½"-14 3000 3000 1-1/16"-12 ¾"-14 2500



O-ring Boss (ORB)

Male x Female NPTF

Feature:

pressure rating at 70°F (21°C)

1 3			
Male SAE O-ring Boss	Female NPTF Pipe	PSI	Zinc Plated Steel Part #
O-ring Boss 7/16"-20 7/16"-20 7/16"-20 9/16"-18 9/16"-18 9/16"-18 3/4"-16 3/4"-16 7/6"-14	NPTF Pipe 1/8"-27 1/4"-18 3/8"-18 1/4"-18 3/8"-14 3/8"-14 3/8"-14 1/4"-18	5000 5000 4000 4000 4000 3000 4000 3000 3	Part # 6405-4-2 6405-4-4 6405-4-6 6405-6-4 6405-6-6 6405-6-8 6405-8-6 6405-8-8
7%"-14 7%"-14 7%"-14 1-1/16"-12 1-1/16"-12 1-5/16"-12 1-5/16"-12 1-5/16"-12 15%"-12	1/2"-14 3/4"-14 3/4"-14 4/4"-14 1"-111/2 3/4"-14 1"-111/2 11/4"-111/2 1"-111/2 11/4"-111/2	3000 2500 3000 2500 2000 2500 2000 1150 2000 1150	6405-10-8 6405-10-12 6405-12-8 6405-12-12 6405-12-16 6405-16-12 6405-16-16 6405-16-20 6405-20-16 6405-20-20



Features:

- reference SAE 070220
 pressure rating at 70°F (21°C)

pressure rating at 70 1 (21 0)				
Male SAE O-ring Boss	Male JIC	PSI	Zinc Plated Steel Part #	
7/16"-20 7/16"-20	7/16"-20 9/16"-18	5000 5000	1238-04-04 1238-04-06	
9/16"-18	7/16"-20	5000	1238-04-06	
9/16"-18 ³⁄4"-16	9/16"-18 9/16"-18	5000 4500	1238-06-06 1238-08-06	
³ / ₄ "-16	³ ⁄ ₄ "-16	4500	1238-08-08	
¾"-16 %"-14	/ ₈ "-14 3⁄4"-16	3500 3500	1238-08-10 1238-10-08	
⁷ / ₈ "-14	7⁄8"-14	3500	1238-10-10	
⅓"-14 1-1/16"-12	1-1/16"-12 ⅓"-14	3500 3500	1238-10-12 1238-12-10	
1-1/16"-12 1-1/16"-12	1-1/16"-12 1-5/16"-12	3500 3000	1238-12-12 1238-12-16	
1-5/16"-16	1-3/16 - 12	3000	1238-12-10	
1-5/16"-12 1%"-12	1-5/16"-12 1-5/16"-12	3000 2500	1238-16-16 1238-20-16	
15/8"-12	15/8"-12	2500	1238-20-20	
1½"-12	11%"-12	2000	1238-24-24	





90° SAE x Female NPSM Swivel Nut Elbows

90° Male SAE x Male JIC Elbows

Features:

- reference SAE 140257

• pressure rating at 70°F (21°C)				
Male SAE	Female NPSM	PSI	Zinc Plated Steel	
O-ring Boss	Swivel		Part #	
7/16"-20	½"-18	4500	6901-4-4	
7/16"-20	%"-18	4000	6901-4-6	
9/16"-18	1/4"-18	4000	6901-6-4	
9/16"-18	3/8"-18	4000	6901-6-6	
9/16"-18	1/2"-14	4000	6901-6-8	
³¼"-16	3/8"-18	3500	6901-8-6	
³¼"-16	1/2"-14	4000	6901-8-8	
³ ⁄ ₄ "-16	³ ⁄ ₄ "-14	3000	6901-8-12	
⅓"-14	½"-14	3500	6901-10-8	
⅓"-14	¾"-14	3000	6901-10-12	
1-1/16"-12	½"-14	3500	6901-12-8	
1-1/16"-12	¾"-14	3000	6901-12-12	
1-1/16"-12	1"-11½	2500	6901-12-16	
1-5/16"-12	3/4"-14	3000	6901-16-12	
1-5/16"-12	1"-111/2	2500	6901-16-16	
1-5/16"-12	11/4"-111/2	2000	6901-16-20	

2000



15/8"-12

11/4"-111/2

6901-20-20



O-ring Boss (ORB)

45° Male SAE x Male JIC Elbows

Features:

- reference SAE 070320pressure rating at 70°F (21°C)



Male SAE O-ring			Zinc Plated Steel
Boss	Male JIC	PSI	Part #
7/16"-20	7/16"-20	5000	1240-04-04
9/16"-18	9/16"-18	5000	1240-06-06
9/16"-18	³⁄₄"-16	4500	1240-06-08
³ ⁄ ₄ "-16	9/16"-18	4500	1240-08-06
³ ⁄ ₄ "-16	³⁄₄"-16	4500	1240-08-08
³ ⁄ ₄ "-16	7∕ ₈ "-14	3500	1240-08-10
⅓"-14	³⁄₄"-16	3500	1240-10-08
⅓"-14	½"-14	3500	1240-10-10
⅓"-14	1-1/16"-12	3500	1240-10-12
1-1/16"-12	7∕ ₈ "-14	3500	1240-12-10
1-1/16"-12	1-1/16"-12	3500	1240-12-12
1-1/16"-12	1-5/16"-12	3000	1240-12-16
1-5/16"-12	1-5/16"-12	3000	1240-16-16
1%"-12	1-5/16"-12	2500	1240-20-16
1%"-12	15⁄8"-12	2500	1240-20-20

Male 37° Flare x Male Branch Tees

Features:

- reference SAE 070429pressure rating at 70°F (21°C)



(2) Male JIC	Male SAE	PSI	Zinc Plated Steel
37°	O-ring Boss	1 01	Part #
7/16"-20	7/16"-20	5000	6803-4
9/16"-18	9/16"-18	5000	6803-6
³⁄₄"-16	3⁄4"-16	4500	6803-8
⁷ ∕8"-14	⁷ ∕8"-14	3500	6803-10
1-1/16"-12	1-1/16"-12	3500	6803-12
1-5/16"-12	1-5/16"-12	3000	6803-16

SAE Plugs

Features:

- reference SAE 090109Apressure rating at 70°F (21°C)



Male SAE	PSI	Zinc Plated Steel
O-ring Boss	P 51	Part #
7/16"-20	5000	1255-04H
9/16"-18	5000	1255-06H
³ ⁄ ₄ "-16	4500	1255-08H
⅓"-14	3500	1255-10H
1-1/16"-12	3500	1255-12H
1-5/16"-12	3000	1255-16H
15/8"-12	2500	1255-20H
11/8"-12	2000	1255-24H
2½"-12	1500	1255-32H

Hollow Hex Plugs

Features:

- reference SAE 090109B
- requires Allen wrench
- pressure rating at 70°F (21°C)



Male SAE	PSI	Zinc Plated Steel	
O-ring Boss	F31	Part #	
7/16"-20	5000	6408HHP-4	
9/16"-18	5000	6408HHP-6	
³ ⁄ ₄ "-16	4500	6408HHP-8	
7∕s"-14	3500	6408HHP-10	
1-1/16"-12	3500	6408HHP-12	
1-5/16"-12	3000	6408HHP-16	
15/8"-12	2500	6408HHP-20	
11/2"-12	1500	6408HHP-24	
2½"-12	1500	6408HHP-32	

510

Male x Male

Features:

- reference SAE 070101
- pressure rating at 70°F (21°C)

Male JIC 37°	Male JIC 37°	PSI	Zinc Plated Steel Part #
7/16"-20	7/16"-20	5000	1204-04-04
9/16"-18	9/16"-18	5000	1204-06-06
³ ⁄ ₄ "-16	7/16"-20	4500	1204-08-04
³ ⁄ ₄ "-16	3/4"-16	4500	1204-08-08
⁷ ∕ ₈ "-14	3/4"-16	3500	1204-10-08
⁷ ∕ ₈ "-14	½"-14	3500	1204-10-10
1-1/16"-12	3/4"-16	3500	1204-12-08
1-1/16"-12	⁷ ⁄ ₈ "-14	3500	1204-12-10
1-1/16"-12	1-1/16"-12	3500	1204-12-12
1-5/16"-12	1-1/16"-12	3000	1204-16-12
1-5/16"-12	1-5/16"-12	3000	1204-16-16
1%"-12	15/8"-12	2500	1204-20-20
11/8"-12	17⁄8"-12	2000	1204-24-24



Male Flare x Male NPTF

Features:

- reference SAE 070102
- pressure rating at 70°F (21°C)

p. 0000		` 		•
Male JIC	Male	PSI	Zinc Plated Steel	316 Stainless Steel
37° Flare	NPTF	1 01	Part #	Part #
7/16"-20	1/8"-27	4500	2404-4-2	
7/16"-20	1⁄4"-18	4500	2404-4-4	SS2404-4-4
7/16"-20	%"-18	4000	2404-4-6	
7/16"-20	1⁄2"-18	3000	2404-4-8	
1/2"-20	1/8"-27	4000	2404-5-2	
9/16"-18	1/8"-27	4000	2404-6-2	
9/16"-18	1⁄4"-18	4000	2404-6-4	
9/16"-18	3⁄8"-18	4000	2404-6-6	SS2404-6-6
9/16"-18	1/2"-14	3000	2404-6-8	
³⁄₄"-16	1⁄4"-18	4000	2404-8-4	
³⁄₄"-16	%"-18	4000	2404-8-6	
³⁄₄"-16	1/2"-14	3000	2404-8-8	SS2404-8-8
³⁄₄"-16	3⁄4"-14	2500	2404-8-12	
⅓"-14	1/2"-14	3000	2404-10-8	
⅓"-14	3⁄4"-14	2500	2404-10-12	
1-1/16"-12	1/2"-14	3000	2404-12-8	
1-1/16"-12	3⁄4"-14	2500	2404-12-12	SS2404-12-12
1-1/16"-12	1"-11½	2000	2404-12-16	
1-5/16"-12	3/4"-14	2500	2404-16-12	
1-5/16"-12	1"-11½	2000	2404-16-16	SS2404-16-16
15/8"-12	11/4"-111/2	1150	2404-20-20	
11/8"-12	1½"-11½	1000	2404-24-24	
2½"-12	2"-11½	1000	2404-32-32	





Features:

- reference SAE 070103
 pressure rating at 70°F (21°C)

11/4"-111/2

1150

d Steel 316 Stainless Steel
d Steel 316 Stairliess Steel
Part
4 SS2405-4-4
-4
·6 SS2405-6-6
·8
·6
·8 SS2405-8-8
-12
0-8
2-12 SS2405-12-12
2-16
6-16 SS2405-16-16
(444

2405-20-20





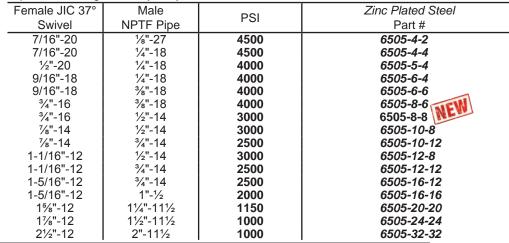
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Male Flare x Female NPTF

Female Swivel x Male NPTF

Feature:

• pressure rating at 70°F (21°C)





Feature:

pressure rating at 70°F (21°C)



	• •		
Female JIC 37° Swivel	Female NPTF	PSI	Zinc Plated Steel Part #
7/16"-20	1/4"-18	4500	6506-4-4
7/16"-20	¾"-18	4000	6506-4-6
9/16"-18	1/4"-18	4000	6506-6-4
9/16"-18	3/8"-18	4000	6506-6-6
³⁄₄"-16	1/2"-14	3000	6506-8-8
7∕ ₈ "-14	1/2"-14	3000	6506-10-8
1-1/16"-12	3/4"-14	2500	6506-12-12
1-5/16"-12	1" 11½	2000	6506-16-16

90° Male Flare Elbows

Features:

- reference SAE 070201
- pressure rating at 70°F (21°C)



	Male JIC 37°	Male JIC 37°	PSI	Zinc Plated Steel
	Flare	Flare	POI	Part #
•	7/16"-20	7/16"-20	5000	1234-04-04
	9/16"-18	9/16"-18	5000	1234-06-06
	¾"-16	3/4"-16	4500	1234-08-08
	%"-14	7⁄8"-14	3500	1234-10-10
	1-1/16"-12	1-1/16"-12	3500	1234-12-12
	1-5/16"-12	1-5/16"-12	3000	1234-16-16
	1%"-12	1%"-12	2500	1234-20-20

90° Male Flare x Female Flare Swivel Elbows

- reference SAE 070221
- pressure rating at 70°F (21°C)



· · · · · · · · · · · · · · · · · · ·			
Male	Female	PSI	Zinc Plated Steel
37° JIC Flare	37° JIC Swivel	P31	Part #
7/16"-20	7/16"-20	5000	6500-4
9/16"-18	9/16"-18	5000	6500-6
9/16"-18	7/16"-20	5000	6500-6-4
9/16"-18	3/4"-16	4500	6500-6-8
3⁄4"-16	3/4"-16	4500	6500-8
3⁄4"-16	9/16"-18	4500	6500-8-6
3⁄4"-16	7/8"-14	3500	6500-8-10
⁷ ∕ ₈ "-14	7/8"-14	3500	6500-10
1-1/16"-12	1-1/16"-12	3500	6500-12
1-1/16"-12	7/8"-14	3500	6500-12-10
1-5/16"-12	1-5/16"-12	3000	6500-16
15/8"-12	15/8"-12	2500	6500-20
176 12	1 1/0 12	2000	0000 20



90° Male Flare x Male NPTF Elbows

Features:

- reference SAE 070202pressure rating at 70°F (21°C)

Male JIC	Male	PSI	Zinc Plated Steel	316 Stainless Steel
37° Flare	NPTF	FSI	Part #	Part #
7/16"-20	1/8"-27	4500	2501-4-2	
7/16"-20	1⁄4"-18	4500	2501-4-4	SS2501-4-4
7/16"-20	¾"-18	4000	2501-4-6	
9/16"-18	1⁄8"-27	4000	2501-6-2	
9/16"-18	1⁄4"-18	4000	2501-6-4	
9/16"-18	¾"-18	4000	2501-6-6	SS2501-6-6
9/16"-18	1⁄2"-14	3000	2501-6-8	
³⁄₄"-16	1⁄4"-18	4000	2501-8-4	
¾"-16	% "-18	4000	2501-8-6	
¾"-16	1/2"-14	3000	2501-8-8	SS2501-8-8
¾"-16	3/4"-14	2500	2501-8-12	
⅓"-14	1/2"-14	3000	2501-10-8	
⅓"-14	3/4"-14	2500	2501-10-12	
1-1/16"-12	1/2"-14	3000	2501-12-8	
1-1/16"-12	3/4"-14	2500	2501-12-12	SS2501-12-12
1-1/16"-12	1"-11½	2000	2501-12-16	
1-5/16"-12	3/4"-14	2500	2501-16-12	
1-5/16"-12	1"-11½	2000	2501-16-16	SS2501-16-16
15/8"-12	1"-11½	2000	2501-20-16	
15/8"-12	11/4"-111/2	1150	2501-20-20	
11/8"-12	1½"-11½	1000	2501-24-24	
2½"-12	2"-11½	1000	2501-32-32	



90° Female Swivel x Male NPTF Elbows

Feature:
• pressure rating at 70°F (21°C)

Female JIC 37°	Male		Zinc Plated Steel
Swivel	NPTF	PSI	Part #
7/16"-20	1/8"-27	4500	6501-4-2
7/16"-20	1/4"-18	4500	6501-4-4
1/2"-20	1/8"-27	4000	6501-5-2
9/16"-18	1/4"-18	4000	6501-6-4
9/16"-18	3⁄8"-18	4000	6501-6-6
³ ⁄4"-16	3⁄8"-18	4000	6501-8-6
³ ⁄4"-16	1/2"-14	3000	6501-8-8
7∕s"-14	1/2"-14	3000	6501-10-8
1-1/16"-12	³ ⁄ ₄ "-14	2500	6501-12-12
1-3/16"-12	³ ⁄ ₄ "-14	2500	6501-14-12
1-5/16"-12	1"-11½	2000	6501-16-16
1%"-12	11/4"-111/2	1150	6501-20-20
1%"-12	1½"-11½	1000	6501-24-24
2½"-12	2"-11½	1000	6501-32-32





45° Male Flare x Female Swivel Elbows

- reference SAE 070321
- pressure rating at 70°F (21°C)

Male JIC 37°	Female JIC 37° Swivel	PSI	Zinc Plated Steel Part #
7/16"-20	7/16"-20	4500	6502-4
9/16"-18	9/16"-18	4000	6502-6
³ ⁄ ₄ "-16	3/4"-16	4000	6502-8
⁷ ⁄ ₈ "-14	7⁄8"-14	3000	6502-10
1 1/16"-12	1 1/16"-12	3000	6502-12
1 5/16"-12	1 5/16"-12	2500	6502-16
1 %"-12	1 %"-12	2000	6502-20





45° Male Flare x Male NPTF Elbows

Features:

- reference SAE 070302pressure rating at 70°F (21°C)



Male JIC 37°	Male	PSI	Zinc Plated Steel
Flare	NPTF	1 01	Part #
7/16"-20	1/8"-27	4500	2503-4-2
7/16"-20	1⁄4"-18	4500	2503-4-4
9/16"-18	1⁄4"-18	4000	2503-6-4
9/16"-18	3/8"-18	4000	2503-6-6
³ ⁄ ₄ "-16	1⁄4"-18	4000	2503-8-4
³ ⁄ ₄ "-16	3/8"-18	4000	2503-8-6
³ ⁄ ₄ "-16	1/2"-14	3000	2503-8-8
⁷ ∕ ₈ "-14	1/2"-14	3000	2503-10-8
⅓"-14	³ ⁄ ₄ "-14	2500	2503-10-12
1-1/16"-12	³ ⁄4"-14	2500	2503-12-12
1-5/16"-12	³ ⁄ ₄ "-14	2500	2503-16-12
1-5/16"-12	1"-11½	2000	2503-16-16

Features:

Male Flare Union Tees

- reference SAE 070401pressure rating at 70°F (21°C)



Male JIC 37° Flare (3)	PSI	Zinc Plated Steel Part #
7/16"-20	5000	2603-4
9/16"-18	5000	2603-6
³⁄₄"-16	4500	2603-8
⁷ ⁄8"-14	3500	2603-10
1-1/16"-12	3500	2603-12
1-5/16"-12	3000	2603-16

Male Flare x Female Swivel Tees

Features:

- reference SAE 070433
- pressure rating at 70°F (21°C)



Male JIC 37° Flare (2)	Female JIC 37° Swivel	PSI	Zinc Plated Steel Part #
7/16"-20	7/16"-20	4500	6600-4
9/16"-18	9/16"-18	4000	6600-6
³⁄₄"-16	3/4"-16	4000	6600-8
1 1/16"-12	1 1/16"-12	3000	6600-12
1 5/16"-12	1 5/16"-12	2500	6600-16

Male Flare x Female Swivel Branch Tees

Features:

- reference SAE 070432pressure rating at 70°F (21°C)



PSI I	ated Steel art #
9/16"-18 9/16"-18 4000 66 3/4"-16 3/4"-16 4000 66 7/8"-14 7/8"-14 3000 66 1-1/16"-12 1-1/16"-12 3000 66 1-5/16"-12 1-5/16"-12 2500 66	02-4 02-6 02-8 02-10 02-12 02-16 02-20

Male Flare x Male NPTF Branch Tees

- reference SAE070425
- pressure rating at 70°F (21°C)



_	Male JIC 37°	Male	PSI	Zinc Plated Steel	
	Flare (2)	NPTF	P31	Part #	
_	7/16"-20	1/4"-18	5000	2601-4-4-4	
	9/16"-18	1⁄4"-18	5000	2601-6-6-4	
	9/16"-18	%"-18	4000	2601-6-6	
	³⁄4"-16	1/2"-14	3000	2601-8-8-8	
	½"-14	1/2"-14	3000	2601-10-10-8	
	1-1/16"-12	³⁄₄"-14	2500	2601-12-12-12	
	1-5/16"-12	1"-11½	2000	2601-16-16	

Features:

reference SAE 070112

Flare Caps

•	pressure	rating	at	70°F	(21°C

Female JIC 37° Flare	Tube OD	PSI	Zinc Plated Steel Part #
5/16"-24	1/8"	5000	0304C-2
7/16"-20	1/4"	5000	0304C-4
9/16"-18	3/8"	5000	0304C-6
³ ⁄4"-16	1/2"	4500	0304C-8
½"-14	5/8"	3500	0304C-10
1-1/16"-12	3/4"	3500	0304C-12
1-5/16"-12	1"	3000	0304C-16
1%"-12	11/4"	2500	0304C-20
1%"-12	1½"	2000	0304C-24
2½"-12	2"	1500	0304C-32





Flare Tube Nuts

Features:

- reference SAE 070110
- pressure rating at 70°F (21°C)

Female JIC 37° Flare	Tube OD	PSI	Zinc Plated Steel Part #
7/16"-20 9/16"-18	1/" /4" 3/"	5000 5000	0318-4 0318-6
¾"-16	1/2"	4500	0318-8
%"-14	5/8"	3500	0318-10
1-1/16"-12	3/4"	3500	0318-12
1-5/16"-12	1"	3000	0318-16



Screw Thread Plugs

Features:

- reference SAE 070109
- pressure rating at 70°F (21°C)

Male JIC 37° Flare	PSI	Zinc Plated Steel Part #
5/16"-24	5000	1254-02H
7/16"-20	5000	1254-04H
9/16"-18	5000	1254-06H
³ / ₄ "-16	4500	1254-08H
7/8"-14	3500	1254-10H
1-1/16"-12	3500	1254-12H
1-5/16"-12	3000	1254-16H
1½"-12	2500	1254-20H





Flare Tube Sleeves

Features:

- reference SAE 070115
- pressure rating at 70°F (21°C)

Female JIC 37° Flare	PSI	Zinc Plated Steel Part #	
7/16"-20	5000	0319-4	
9/16"-18	5000	0319-6	
3⁄4"-16	4500	0319-8	
⁷ ⁄8"-14	3500	0319-10	
1-1/16"-12	3500	0319-12	
1-5/16"-12	3000	0319-16	



Features:

Flare Bulkhead Unions with Lock Nut

- reference SAE 070601
- pressure rating at 70°F (21°C)

Male JIC 37° Flare	PSI	Zinc Plated Steel Part #
7/16"-20 9/16"-18	5000 5000	2700LN-4 2700LN-6
3/4"-16 7%"-14	4500 3500	2700LN-8 2700LN-10
78 - 14 1-1/16"-12	3500	2700LN-10 2700LN-12
1-5/16"-12	3000	2700LN-16

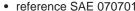






Flare 90° Bulkhead Elbow with Lock Nuts

Features:



reference SAE 070701
pressure rating at 70°F (21°C)



Male JIC 37° Flare	PSI	Zinc Plated Steel Part #
7/16"-20	5000	2701LN-4
9/16"-18	5000	2701LN-6
³ ⁄4"-16	4500	2701LN-8
⁷ ⁄ ₈ "-14	3500	2701LN-10
1-1/16"-12	3500	2701LN-12
1-5/16"-12	3000	2701LN-16

Flare Bulkhead Lock Nuts

- reference SAE 070118
 pressure rating at 70°F (21°C)



Female JIC 37° Bulkhead	Tube OD	PSI	Zinc Plated Steel Part #
7/16"-20	1/4"	5000	0306-4
9/16"-18	3/8"	5000	0306-6
³⁄₄"-16	1/2"	4500	0306-8
½"-14	5/8"	3500	0306-10
1-1/16"-12	3/4"	3500	0306-12
1-5/16"-12	1"	3000	0306-16



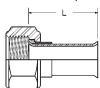
Weld End Metal Hose Fittings

Straight Female

All fittings have 316 seamless stainless steel tubes

Feature:

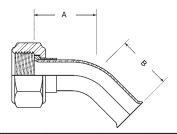
pressure rating at 70°F (21°C)





Female SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F (21°)	Dimension L	Tube Wall	304 Stainless Steel Nut & Sleeve Part #	Carbon Steel Nut & Sleeve Part #
7/16" - 20	1/4"	8650	1.500"	.049"	SFMF250	FMF250
9/16" - 18	3/8"	5550	1.500"	.049"	SFMF375	FMF375
¾" - 16	1/2"	4050	1.500"	.049"	SFMF500	FMF500
1-1/16" - 12	3/4"	2600	1.500"	.049"	SFMF750	FMF750
1-5/16" - 12	1"	1950	2.000"	.049"	SFMF1000	FMF1000
1%" - 12	11/4"	2050	2.375"	.065"	SFMF1250	FMF1250
11/8" - 12	11/2"	1700	2.375"	.065"	SFMF1500	FMF1500
2½" - 12	2"	1250	2.500"	.065"	SFMF2000	FMF2000

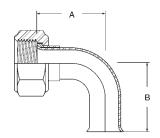
45° Elbow Female





F	emale SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F (21°)		nsion I B	Bend Radius	Tube Wall	304 Stainless Steel Nut & Sleeve Part #	Carbon Steel Nut & Sleeve Part #
	7/16" - 20	1/4"	5000	0.750"	0.750"	0.380"	.049"		FMF250-45
!	9/16" - 18	3/8"	4500	1.000"	1.000"	0.500"	.049"		FMF375-45
	¾" - 16	1/2"	4000	1.250"	1.250"	1.000"	.049"	SFMF500-45	FMF500-45
1	-1/16" - 12	3/4"	2600	1.450"	1.450"	1.500"	.049"	SFMF750-45	
1	-5/16" - 12	1"	2500	1.800"	1.800"	2.000"	.049"	SFMF1000-45	FMF1000-45
	15/8" - 12	11/4"	2050	2.100"	2.100"	2.000"	.065"		FMF1250-45
	11/8" - 12	1½"	1700	2.300"	2.300"	2.000"	.065"	SFMF1500-45	FMF1500-45
	2½" - 12	2"	1250	3.000"	3.000"	3.000"	.065"	SFMF2000-45	FMF2000-45

90° Elbow Female





Female SAE 37° JIC	Tube OD	Pressure Rating PSI at 70°F (21°)	Δ	nsion B	Bend Radius	Tube Wall	304 Stainless Steel Nut & Sleeve Part #	Carbon Steel Nut & Sleeve Part #
7/16" - 20	1/4"	5000	1.000"	1.000"	0.375"	.049"	SFMF250-90	FMF250-90
9/16" - 18	3/8"	4500	1.250"	1.250"	0.500"	.049"	SFMF375-90	FMF375-90
³⁄₄" - 16	1/2"	4000	1.830"	1.830"	1.000"	.049"	SFMF500-90	FMF500-90
1-1/16" - 12	3/4"	2600	2.350"	2.350"	1.500"	.049"	SFMF750-90	FMF750-90
1-5/16" - 12	1"	2500	3.100"	3.100"	2.000"	.049"	SFMF1000-90	FMF1000-90
15/8" - 12	11/4"	2050	3.500"	3.500"	2.000"	.065"	SFMF1250-90	FMF1250-90
11/⁄8" - 12	11/2"	1700	3.750"	3.750"	2.000"	.065"	SFMF1500-90	FMF1500-90
2½" - 12	2"	1250	4.900"	4.900"	2.000"	.065"	SFMF2000-90	FMF2000-90



Male Hex Pipe Nipples

Features:

- reference SAE 140137
 pressure rating at 70°F (21°C)



Male	Male	PSI	Zinc Plated Steel
NPTF	NPTF	1 151	Part #
1/8"-27	1/8"-27	5000	5404-2
1/4"-18	1/4"-18	5000	5404-4
3/8"-18	¾"-18	4000	5404-6
3⁄8"-18	1/4"-18	4000	5404-6-4
1/2"-14	1/2"-14	3000	5404-8
1/2"-14	¾"-18	3000	<i>5404-8-6</i>
³ ⁄ ₄ "-14	3/4"-14	2500	5404-12
³ ⁄ ₄ "-14	1/2"-14	2500	5404-12-8
1"-11½	1"-11½	2000	5404-16
1"-11½	³ ⁄ ₄ "-14	2000	5404-16-12
11/4"-111/2	11/4"-111/2	1150	5404-20

Male x Female Hex Reducer Bushings

- reference SAE 140140pressure rating at 70°F (21°C)



Male	Female	PSI	Zinc Plated Steel
NPTF	NPTF	FOI	Part #
1/4"-18	1/8"-27	5000	5406-4-2
⅔"-18	1/8"-27	4000	5406-6-2
⅔"-18	1/4"-18	4000	5406-6-4
1/2"-14	1/8"-27	3000	5406-8-2
1/2"-14	1/4"-18	3000	5406-8-4
1/2"-14	% "-18	3000	5406-8-6
³⁄₄"-14	1/8"-27	2500	5406-12-2
³⁄₄"-14	1/4"-18	2500	5406-12-4
³⁄₄"-14	% "-18	2500	5406-12-6
³⁄₄"-14	1/2"-14	2500	5406-12-8
1"-11½	1/4"-18	2000	5406-16-4
1"-11½	% "-18	2000	5406-16-6
1"-11½	1/2"-14	2000	5406-16-8
1"-11½	3/4"-14	2000	5406-16-12
11/4"-111/2	% "-18	1150	5406-20-6
11/4"-111/2	1/2"-14	1150	5406-20-8
11/4"-111/2	3/4"-14	1150	5406-20-12
11/4"-111/2	1"-11½	1150	5406-20-16
1½"-11½	1/2"-14	1000	5406-24-8
1½"-11½	3/4"-14	1000	5406-24-12
1½"-11½	1"-11½	1000	5406-24-16
1½"-11½	11/4"-111/2	1000	5406-24-20
2"-11½"	1/2"-14	1000	5406-32-8
2"-11½"	3/4"-14	1000	5406-32-12
2"-11½"	1"-11½	1000	5406-32-16
2"-11½"	11/4"-111/2	1000	5406-32-20
2"-11½"	11/2"-111/2	1000	5406-32-24



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

Features:

Male x Female NPSM Swivel Adapters

- reference SAE 140130
- pressure rating at 70°F (21°C)

1 0	٠,		
Male NPTF	Female NPSM Swivel	PSI	Zinc Plated Steel Part #
1/8"-27	1/8"-27	5000	1404-2-2
1/8"-27	1/4"-18	4500	1404-2-4
1/4"-18	1/4"-18	4500	1404-4-4
1/4"-18	3⁄8"-18	4000	1404-4-6
3⁄8"-18	1/4"-18	4000	1404-6-4
3⁄8"-18	3⁄8"-18	4000	1404-6-6
3⁄8"-18	1/2"-14	4000	1404-6-8
1/2"-14	3/8"-18	3000	1404-8-6
1/2"-14	1/2"-14	3000	1404-8-8
1/2"-14	3/4"-14	3000	1404-8-12
³ ⁄ ₄ "-14	1/2"-14	2500	1404-12-8
³ ⁄ ₄ "-14	3/4"-14	2500	1404-12-12
1"-11½	1"-11½	2000	1404-16-16
11/4"-111/2	11/4"-111/2	1150	1404-20-20
1½"-11½	1½"-11½	1000	1404-24-24
2"-11½	2"-11½	1000	1404-32-32



Features:

Female Hex Pipe Couplings

- reference SAE 140138
- pressure rating at 70°F (21°C)

Female	Female	PSI	Zinc Plated Steel
NPTF	NPTF	F31	Part #
1/8"-27	1/8"-27	5000	5000-2
1/4"-18	1/4"-18	5000	5000-4
3⁄8"-18	1⁄4"-18	4000	5000-6-4
3⁄8"-18	³ / ₈ "-18	4000	5000-6
1/2"-14	3⁄8"-18	3000	5000-8-6
1/2"-14	1/2"-14	3000	5000-8
³ / ₄ "-14	3/4"-14	2500	5000-12
1"-11½	3/4"-14	2000	5000-16-12
1"-11½	1"-11½	2000	5000-16
11/4"-111/2	11/4"-111/2	1150	5000-20
Foatures		Female x F	Female NPSM Swivel Nuts





Features:

- reference SAE 140131
 pressure rating at 70°F (21°C)

- pressure rating at 70 1 (21 6)					
Female NPTF	Female NPSM Swivel	PSI	Zinc Plated Steel Part #		
½"-27	½"-27	5000	1405-2-2		
½"-18	½"-18	4500	1405-4-4		
%"-18	1/4"-18	4000	1405-6-4		
%"-18	3/8"-18	4000	1405-6-6		
%"-18	1/2"-14	4000	1405-6-8		
/8 - 10 1/2"-14 3/4"-14	½"-14 ½"-14 ½"-14	3000 2500	1405-0-6 1405-8-8 1405-12-8		
³ ⁄ ₄ "-14	3/4"-14	2500	1405-12-12		
1"-11½	1"-111/2	2000	1405-16-16		
1½"-11½	1½"-11½	1150	1405-20-20		
1½"-11½	1½"-11½	1000	1405-24-24		
2"-11½	2"-11½	1000	1405-32-32		



Features:

• reference SAE 140237

pressure rating at 70°F (21°C)

pressure rating at 70 F (21 C)						
Male	Male	PSI	Zinc Plated Steel			
NPTF	NPTF	101	Part #			
1/4"-18	1/4"-18	5000	5500-4			
3⁄8"-18	3/8"-18	4000	5500-6			
1/2"-14	1/2"-14	3000	5500-8			
³ ⁄ ₄ "-14	3/4"-14	2500	5500-12			
1"-11½	1"-11½	2000	5500-16			





90° Male x Male Elbows



90° Male x Female Street Elbows

Features:

- reference 140239
- pressure rating at 70°F (21°C)



Male NPTF	Female NPTF	PSI	Zinc Plated Steel Part #
1/4"-18	1/4"-18	5000	5502-4
3⁄8"-18	3⁄8"-18	4000	<i>5502-</i> 6
1/2"-14	1/2"-14	3000	5502-8
³ / ₄ "-14	3/4"-14	2500	5502-12
1"-11½	1"-11½	2000	5502-16
11/4"-111/2	11/4"-111/2	1150	5502-20

90° Male x Female NPSM Swivel Nut Elbows

Features:

- reference SAE 140230
- pressure rating at 70°F (21°C)



p					
Male NPTF	Female NPSM Swivel	PSI	Zinc Plated Steel Part #		
1/8"-27	1/8"-27	5000	1501-2-2		
1/4"-18	1/4"-18	4500	1501-4-4		
1/4"-18	3 ₈ "-18	4000	1501-4-6		
3⁄8"-18	1/4"-18	4000	1501-6-4		
%"-18	%"-18	4000	1501-6-6		
%"-18	1/2"-14	4000	1501-6-8		
1/2"-14	3⁄4"-18	3000	1501-8-6		
1/2"-14	1/2"-14	3000	1501-8-8		
1/2"-14	3/4"-14	3000	1501-8-12		
³ / ₄ "-14	1/2"-14	2500	1501-12-8		
3/4"-14	3/4"-14	2500	1501-12-12		
³ / ₄ "-14	1"-11½	2000	1501-12-16		
1"-11½	3/4"-14	2000	1501-16-12		
1"-11½	1"-11½	2000	1501-16-16		
1"-11½	11/4"-111/2	1150	1501-16-20		
11/4"-111/2	11/4"-111/2	1150	1501-20-20		

Features:

90° Female Pipe Elbows



- reference SAE 140237
- pressure rating at 70°F (21°C)



Female	Female	PSI	Zinc Plated Steel
NPTF	l NPTF	FOI	Part #
1/8"-27	1/8"-27	5000	5504-2
1/4"-18	1/4"-18	5000	5504-4
3/8"-18	³ / ₈ "-18	4000	5504-6
1/2"-14	1/2"-14	3000	5504-8
³ / ₄ "-14	³ / ₄ "-14	2500	5504-12
1"-11½	1"-11½	2000	5504-16

90° Female x Female NPSM Swivel Nut Elbows

- reference SAE 140251
 pressure rating at 70°F (21°C)



Female	Female	PSI	Zinc Plated Steel
NPTF	NPSM Swivel	P 51	Part #
1⁄4"-18	1/4"-18	4500	1502-4-4
¾"-18	3⁄8"-18	4000	1502-6-6
1/2"-14	1/2"-14	3000	1502-8-8
³ ⁄ ₄ "-14	3/4"-14	2500	1502-12-12
1"-11½	1"-11½	2000	1502-16-16

45° Male x Female NPSM Swivel Nut Elbows

- reference SAE 140330
- pressure rating at 70°F (21°C)



Male NPTF	Female NPSM Swivel	PSI	Zinc Plated Steel Part #
1/4"-18	1/4"-18	4500	1503-4-4
3/8"-18	3/8"-18	4000	1503-6-6
1/2"-14	1/2"-14	3000	1503-8-8
3/4"-14	3/4"-14	2500	1503-12-12
1"-111/2	1"-111/2	2000	1503-16-16



NPTF Male Pipe Tees

Features:

- reference SAE 140437
- pressure rating at 70°F (21°C)

Male NPTF (3)	PSI	Zinc Plated Steel Part #
1/4"-18	5000	5600-4
3⁄s"-18	4000	5600-6
1/2"-14	3000	5600-8
³ ⁄ ₄ "-14	2500	5600-12
1"-11½	2000	5600-16



Male x Female Pipe Tees

Features:

- reference SAE 140427
- pressure rating at 70°F (21°C)

Male NPTF (2)	Female NPTF	PSI	Zinc Plated Steel Part #
1/4"-18	1⁄4"-18	5000	5601-4
3⁄8"-18	3⁄8"-18	4000	5601-6
1/2"-14	1⁄2"-14	3000	5601-8
³ / ₄ "-14	³⁄₄"-14	2500	5601-12
1"-11½	1"-11½	2000	5601-16



Female x Male Branch Tees

Features:

- reference SAE 140425pressure rating at 70°F (21°C)

Female NPTF (2)	Male NPTF	PSI	Zinc Plated Steel Part #
1⁄4"-18	1/4"-18	5000	5604-4
3/8"-18	3⁄8"-18	4000	5604-6
1/2"-14	1/2"-14	3000	5604-8
³ / ₄ "-14	³⁄₄"-14	2500	5604-12
1"-11½	1"-11½	2000	5604-16





Female Pipe Tees

Male x Female Run Tees

Features:

- reference 140438pressure rating at 70°F (21°C)

Female NPTF (3)	PSI	Zinc Plated Steel Part #
1⁄4"-18	5000	5605-4
% "-18	4000	<i>5605-6</i>
½"-14	3000	<i>5605-8</i>
³ ⁄ ₄ "-14	2500	5605-12
1"-11½	2000	5605-16



- reference 140424
- pressure rating at 70°F (21°C)

Female	DGI	Zinc Plated Steel
NPTF (2)	FSI	Part #
1/8"-27	5000	5602-2
1⁄4"-18	5000	5602-4
3⁄8"-18	4000	5602-6
1⁄2"-14	3000	5602-8
³ ⁄ ₄ "-14	2500	5602-12
1"-11½	2000	5602-16
1-1/4"-111/2	1150	5602-20
1-1/2"-111/2	1000	5602-24
	NPTF (2) 1/8"-27 1/4"-18 3/8"-18 1/2"-14 3/4"-14 1"-111/2 1-1/4"-111/2	NPTF (2) 1/6"-27 5000 1/4"-18 5000 3/8"-18 4000 1/2"-14 3000 3/4"-14 2500 1"-111/2 2000 1-1/4"-111/2 1150





Female Hex Caps

Feature:

pressure rating at 70°F (21°C)



Female NPTF	PSI	Zinc Plated Steel Part #
1/8"-27	5000	5406C-2
1/4"-18	5000	5406C-4
³⁄ ₈ "-18	4000	5406C-6
1/2"-14	3000	5406C-8
³⁄4"-14	2500	5406C-12
1"-11½	2000	5406C-16
11/4"-111/2	1150	5406C-20
1½"-11½	1000	5406C-24

Male Hex Plugs

Features:

- reference SAE 130109C
 pressure rating at 70°F (21°C)



Male NPTF	PSI	Zinc Plated Steel Part #
1/8"-27	5000	1251-02H
1⁄4"-18	5000	1251-04H
3/s"-18	4000	1251-06H
1/2"-14	3000	1251-08H
³ / ₄ "-14	2500	1251-12H
1"-11½	2000	1251-16H
11/4"-111/2	1150	1251-20H

Male JIC 37° Flare x Male Metric Parallel Thread

pressure rating at 70°F (21°C)



Male JIC 37° Flare	Male Metric Parallel	<i>Zinc Plated Steel</i> Part #
7/16"-20	M10X1.0	M7400-4-10
7/16"-20	M12X1.5	M7400-4-12
9/16"-18	M14X1.5	M7400-6-14
9/16"-18	M16X1.5	M7400-6-16
3⁄4"-16	M16X1.5	M7400-8-16
3⁄4"-16	M18X1.5	M7400-8-18
1-1/16"-12	M22X1.5	M7400-12-22
1-1/16"-12	M27X2.0	M7400-12-27
1-5/16"-12	M33X2.0	M7400-16-33

Female Pipe x Male Metric Parallel Thread

pressure rating at 70°F (21°C)



Female NPTF	Male Metric Parallel	Zinc Plated Steel Part #
1⁄4"-18	M12X1.5	M7455-4-12
1/4"-18	M14X1.5	M7455-4-14
3⁄8"-18	M16X1.5	M7455-6-16
3⁄8"-18	M18X1.5	M7455-6-18
½"-14	M16X1.5	M7455-8-16
1/2"-14	M18X1.5	M7455-8-18
1/2"-14	M22X1.5	M7455-8-22
³ / ₄ "-14	M27X2.0	M7455-12-27
1"-11½	M33X2.0	M7455-16-33



British Standard Pipe Parallel (BSPP)

Male JIC 37° Flare x Male

Feature:

• pressure rating at 70°F (21°C)

Male JIC 37° Flare	Male BSPP	PSI	Zinc Plated Steel Part #
7/16"-20	1/4"-19	5000	B3800-4-4
9/16"-18	3⁄8"-19	4000	B3800-6-6
³⁄₄"-16	1/2"-14	3000	B3800-8-8
1-1/16"-12	3/4"-14	2500	B3800-12-12
1-5/16"-12	1"-11	2000	B3800-16-16



Male NPTF x Male

Feature:

• pressure rating at 70°F (21°C)

Male NPTF	Male BSPP	PSI	Zinc Plated Steel Part #
½"-18	1/4"-19	5000	B3401-4-4
%"-18 ½"-14	3/8"-19 1/2"-14	4000 3000	B3401-6-6 B3401-8-8
³ ⁄ ₄ "-14	3/4"-14	2500	B3401-12-12
1"-11½	1"-11	2000	B3401-16-16



Female NPTF x Male

Feature:

• pressure rating at 70°F (21°C)

Female NPTF	Male BSPP	PSI	Zinc Plated Steel Part #
1⁄4"-18	1/4"-19	5000	B3455-4-4
3⁄8"-18	3⁄8"-19	4000	B3455-6-6
1/2"-14	1/2"-14	3000	B3455-8-8
³ / ₄ "-14	³ ⁄ ₄ "-14	2500	B3455-12-12
1"-11½	1"-11	2000	B3455-16-16



Н

Male JIC 37° Flare x Male 90° Elbow

Feature:

• pressure rating at 70°F (21°C)

Male JIC	Male	PSI	Zinc Plated Steel
37° Flare	BSPP		Part #
7/16"-20	½"-19	5000	B3801-4-4
9/16"-18	%"-19	4000	B3801-6-6
³ ⁄4"-16	½"-14	3000	B3801-8-8
1-1/16"-12	¾"-14	2500	B3801-12-12
1-5/16"-12	1"-11	2000	B3801-16-16



Bonded Dowty Seal for British Thread

Feature

• pressure rating at 70°F (21°C)

Size	Plated Carbon Steel with Buna O-ring Part #
1/4"-19	BDS04
3/8"-19	BDS06
1/2"-14	BDS08
3/4"-14	BDS12
1"-11	BDS16





Hydraulic 4-Bolt 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

Hydraulic 4-Bolt Flange NPTF Port

D4	Dad	NDTE		Code 61 C	Code 61 Carbon Steel		
Port Size	Pad Size	NPTF Thread	c	O-ring		Flat Face	
0.20	0.20		Previous Part#	Part #	Previous Part#	Part #	
1/2"	1/2"	1/2"-14	W43-8-8-U	C6143K0808NPT	W104-8-8	C611040808NPT	
3/4"	3/4"	3/4"-14	W43-12-12-U	C6143K1212NPT	W104-12-12	C611041212NPT	
1"	1"	1"-11½	W43-16-16-U	C6143K1616NPT	W104-16-16	C611041616NPT	
11/4"	11/4"	11/4"-111/2	W43-20-20-U	C6143K2020NPT	W104-20-20	C611042020NPT	
1½"	1½"	11/2"-111/2	W43-24-24-U	C6143K2424NPT	W104-24-24	C611042424NPT	
2"	2"	2"-11½	W43-32-32-U	C6143K3232NPT	W104-32-32	C611043232NPT	
21/2"	21/2"	2½"-8	W43-40-40-U	C6143K4040NPT	W104-40-40	C611044040NPT	
3"	3"	3"-8	W43-48-48-U	C6143K4848NPT	W104-48-48	C611044848NPT	

Dort	Dad	NPTF	Code 62 Carbon Steel			
Port Size	Pad Size	Thread	C	O-ring	Fla	t Face
			Previous Part #	Part #	Previous Part #	Part #
1/2"	1/2"	1/2"-14	W44-8-8-U	C6244K0808NPT	W45-8-8	C62450808NPT
3/4"	3/4"	³⁄₄"-14	W44-12-12-U	C6244K1212NPT	W45-12-12	C62451212NPT
1"	1"	1"-11½	W44-16-16-U	C6244K1616NPT	W45-16-16	C62451616NPT
11/4"	11/4"	11/4"-111/2	W44-20-20-U	C6244K2020NPT	W45-20-20	C62452020NPT
1½"	1½"	11/2"-111/2	W44-24-24-U	C6244K2424NPT	W45-24-24	C62452424NPT
2"	2"	2"-11½	W44-32-32-U	C6244K3232NPT	W45-32-32	C62453232NPT

Hydraulic 4-Bolt Flange SAE Port

Dort Dod UN		UN/UNF-2B	Code 61 Carbon Steel			
Port Size	Pad Size	Thread	(O-ring	Fla	t Face
0.20	0.20		Previous Part #	Part #	Previous Part #	Part #
1/2"	1/2"	³ ⁄ ₄ "-16	W46-8-8-U	C6146K0808SAE	W106-8-8	C611060808SAE
3/4"	3/4"	1 ¹ / ₁₆ "-12	W46-12-12-U	C6146K1212SAE	W106-12-12	C611061212SAE
1"	1"	1 ⁵ / ₁₆ "-12	W46-16-16-U	C6146K1616SAE	W106-16-16	C611061616SAE
11/4"	11/4"	1%"-12	W46-20-20-U	C6146K2020SAE	W106-20-20	C611062020SAE
1½"	1½"	11/8"-12	W46-24-24-U	C6146K2424SAE	W106-24-24	C611062424SAE
2"	2"	21/2"-12	W46-32-32-U	C6146K3232SAE 1	W106-32-32	C611063232SAE

¹ 1000 PSI maximum

Port	Port Pad UN/UNF-2		Code 62 Carbon Steel				
Size	Size	Thread	0	-ring	Fla	t Face	
			Previous Part #	Part #	Previous Part #	Part #	
1/2"	1/2"	³⁄₄"-16	W48-8-8-U	C6248K0808SAE	W49-8-8	C62490808SAE	
3/4"	3/4"	1 ¹ / ₁₆ "-12	W48-12-12-U	C6248K1212SAE	W49-12-12	C62491212SAE	
1"	1"	1 ⁵ / ₁₆ "-12	W48-16-16-U	C6248K1616SAE	W49-16-16	C62491616SAE	
11/4"	11/4"	1%"-12	W48-20-20-U	C6248K2020SAE	W49-20-20	C62492020SAE	
1½"	1½"	11/8"-12	W48-24-24-U	C6248K2424SAE	W49-24-24	C62492424SAE	
2"	2"	2½"-12	W48-32-32-U	C6248K3232SAE	W49-32-32	C62493232SAE	

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.







Hydraulic 4-Bolt Flanges

Hydraulic 4-Bolt Flange Pipe Socket Weld

		Code 61 Carbon Steel			
Port Pad Size Size		O-ring		Flat Face	
0120	0120	Previous Part #	Part #	Previous Part #	Part #
1/2"	1/2"	W4-8-8-U	C614K0808PSW	W61-8-8	C61610808PSW
3/4" 1"	3/ ₄ " 1"	W4-12-12-U W4-16-16-U	C614K1212PSW C614K1616PSW	W61-12-12 W61-16-16	C61611212PSW C61611616PSW
11/4"	11/4"	W4-20-20-U	C614K2020PSW	W61-20-20	C61612020PSW
1½"	11/2"	W4-24-24-U	C614K2424PSW	W61-24-24	C61612424PSW
2"	2"	W4-32-32-U	C614K3232PSW	W61-32-32	C61613232PSW
2½" 3"	2½" 3"	W4-40-40-U W4-48-48-U	C614K4040PSW C614K4848PSW	W61-40-40 W61-48-48	C61614040PSW C61614848PSW

5 .		Code 62 Carbon Steel			
Port Size	Pad Size	O-1	ring	Flat I	ace
	0.20	Previous Part #	Part #	Previous Part #	Part #
1/2"	1/2"	W59-8-8-U	C6259K0808PSW	W60-8-8	C62600808PSW
3/4"	3/4"	W59-12-12-U	C6259K1212PSW	W60-12-12	C62601212PSW
1"	1"	W59-16-16-U	C6259K1616PSW	W60-16-16	C62601616PSW
11/4"	11/4"	W59-20-20-U	C6259K2020PSW	W60-20-20	C62602020PSW
11/2"	11/2"	W59-24-24-U	C6259K2424PSW	W60-24-24	C62602424PSW
2"	2"	W59-32-32-U	C6259K3232PSW	W60-32-32	C62603232PSW
21/2"	21/2"	W59-40-40-U	C6259K4040PSW	W60-40-40	C62604040PSW
3"	3"	W59-48-48-U	C6259K4848PSW	W60-48-48	C62604848PSW





Pressure Ratings of SAE Flanges Code 61 SAE J518-1 / ISO 6162-1

Dash Size	Size	Maximum Wo	Fastener Torque Value	
		PSI	MPa	Grade 8 UNC (lb-ft)
-8	1/2"	5000	35	24
-12	3/4"	5000	35	44
-16	1"	4600	32	44
-20	11/4"	4000	28	68
-24	11/2"	3000	21	111
-32	2"	3000	21	111
-40	21/2"	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

• Connection type opposite 4-bolt flange connection can de-rate maximum working pressure.

Code 62 SAE J518-2 / ISO 6162-2

Dash Size	Size	Maximum Wo	Fastener Torque Value	
		PSI	MPa	Grade 8 UNC (lb-ft)
-8	1/2"	6000	40	24
-12	3/4"	6000	40	44
-16	1"	6000	40	68
-20	11/4"	6000	40	111
-24	1½"	6000	40	218
-32	2"	6000	40	332
-40	2½"	6000	40	380
-48	3"	6000	40	667

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.





Hydraulic Fittings









Code 61 / Code 62 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	
Flange Size	Previous Part #	Part #	Previous Part #	Part #
1/2"	8SFO	C6108-SFKIT	8SFXO	C6208-SFKIT
3/4"	12SFO	C6112-SFKIT	12SFXO	C6212-SFKIT
1"	16SFO	C6116-SFKIT	16SFXO	C6216-SFKIT
11/4"	20SFO	C6120-SFKIT	20SFXO	C6220-SFKIT
1½"	24SFO	C6124-SFKIT	24SFXO	C6224-SFKIT
2"	32SFO	C6132-SFKIT	32SFXO	C6232-SFKIT
21/2"	40SFO	C6140-SFKIT		
3"	48SFO	C6148-SFKIT		

Code 61 / Code 62 Flange Adapters

Straight Flange x Male JIC Hydraulic Adapter



JIC Thread	Tube OD	Flange	Code 61 Carbon Steel		Code 62 Ca	arbon Steel
010 1111000	1 400 00	Size	Previous Part #	Part #	Previous Part #	Part #
³ ⁄ ₄ "-16	1/2"	1/2"	300-8-8	C6100F0808		
³⁄₄"-16	1/2"	3/4"	300-8-12	C6100F0812		
11/16"-12	3/4"	3/4"	300-12-12	C6100F1212	600-12-12	C6200F1212
1 ¹ / ₁₆ "-12	3/4"	1"	300-12-16	C6100F1216	600-12-16	C6200F1216
1 ⁵ / ₁₆ "-12	1"	3/4"	300-16-12	C6100F1612	600-16-12	C6200F1612
1 ⁵ / ₁₆ "-12	1"	1"	300-16-16	C6100F1616	600-16-16	C6200F1616
1 ⁵ / ₁₆ "-12	1"	11/4"	300-16-20	C6100F1620	600-16-20	C6200F1620
15/8"-12	11/4"	1"	300-20-16	C6100F2016	600-20-16	C6200F2016
15/8"-12	11/4"	11/4"	300-20-20	C6100F2020	600-20-20	C6200F2020
15/8"-12	11/4"	1½"	300-20-24	C6100F2024	600-20-24	C6200F2024
1%"-12	11/2"	11/4"	300-24-20	C6100F2420	600-24-20	C6200F2420
11/8"-12	11/2"	1½"	300-24-24	C6100F2424	600-24-24	C6200F2424
11/8"-12	11/2"	2"	300-24-32	C6100F2432	600-24-32	C6200F2432
2½"-12	2"	11/2"	300-32-24	C6100F3224	600-32-24	C6200F3224
2½"-12	2"	2"	300-32-32	C6100F3232	600-32-32	C6200F3232

90° Flange Elbow x Male JIC Hydraulic Adapter

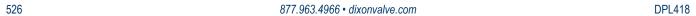


JIC Thread Tube C		Flange	Code 61 Ca	Code 61 Carbon Steel		Code 62 Carbon Steel	
0.0		Size	Previous Part#	Part #	Previous Part#	Part #	
³ ⁄ ₄ "-16	1/2"	3/4"	390-8-12	C6190F0812			
11/16"-12	3/4"	3/4"	390-12-12	C6190F1212	690-12-12	C6290F1212	
1 ¹ / ₁₆ "-12	3/4"	1"	390-12-16	C6190F1216	690-12-16	C6290F1216	
1 ⁵ / ₁₆ "-12	1"	3/4"	390-16-12	C6190F1612	690-16-12	C6290F1612	
1 ⁵ / ₁₆ "-12	1"	1"	390-16-16	C6190F1616	690-16-16	C6290F1616	
1 ⁵ / ₁₆ "-12	1"	11/4"	390-16-20	C6190F1620	690-16-20	C6290F1620	
15/8"-12	11/4"	1"	390-20-16	C6190F2016	690-20-16	C6290F2016	
15/8"-12	11/4"	11/4"	390-20-20	C6190F2020	690-20-20	C6290F2020	
15/8"-12	11/4"	1½"	390-20-24	C6190F2024	690-20-24	C6290F2024	
11/8"-12	11/2"	1½"	390-24-24	C6190F2424	690-24-24	C6290F2424	
11/8"-12	11/2"	2"	390-24-32	C6190F2432	690-24-32	C6290F2432	
2½"-12	2"	1½"	390-32-24	C6190F3224	690-32-24	C6290F3224	
2½"-12	2"	2"	390-32-32	C6190F3232	690-32-32	C6290F3232	

45° Flange Elbow x Male JIC Hydraulic Adapter



	•			•		
JIC Thread Tube OD		Flange	Code 61 Carbon Steel		Code 62 Carbon Steel	
		Size	Previous Part #	Part #	Previous Part #	Part #
11/16"-12	3/4"	3/4"	340-12-12	C6145F1212	640-12-12	C6245F1212
1 ⁵ / ₁₆ "-12	1"	1"	340-16-16	C6145F1616	640-16-16	C6245F1616
1%"-12	11/4"	11/4"	340-20-20	C6145F2020	640-20-20	C6245F2020
11/8"-12	1½"	1½"	340-24-24	C6145F2424	640-24-24	C6245F2424
2½"-12	2"	2"	340-32-32	C6145F3232	640-32-32	C6245F3232



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

Female SAE Stem

Hose ID	Male NPTF	Plated Steel Part #
3/4"	3/4"-14	188-12
1"	1"-11½	188-16
11/4"	11/4"-111/2	188-20
1½"	1½"-11½	188-24
2"	2"-11½	188-32



Female SAE 37° Swivel Stem

Hose ID	Male NPTF	Plated Steel Part #
3/4"	1-1/16"-12	688-12
1"	1-5/16"-12	688-16
11/4"	1%"-12	688-20
1½"	11/8"-12	688-24
2"	2½"-12	688-32



Double Bolt Clamps

- 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.



Hose	OD	Plated Iron	Torque	Optional
from	to	Part #	in ft. lbs.	Qty
1-8/64"	1-12/64"	J48	15	100
1-40/64"	1-52/64"	DL14	40	25
1-48/64"	2-3/64"	DL20	27	25
2-7/64"	2-19/64"	DL24 ¹	27	25
2-20/64"	2-40/64"	DL321	40	25





[·] return line clamps must be used with these fittings

¹ investment cast carbon steel

Hydraulic Hose Stems

Features:

- stems have a collar behind the hex to engage clamp fingers
- reference clamps on page 75



NPTF Size	Plated Steel Part #
½"	HY4
1"	HY8



NPTF Size	Plated Steel Part #
11/4"	HY10
1½"	HY12
2"	HY16

Hydraulic Hose Clamps For 1 Wire Hose

• for use only on 1 wire hydraulic hoses



Hose ID	Hose	OD	Plated Iron	Torque in
Hose ID	from	to	Part #	ft. lbs.
3/8"	48/64"	50/64"	HD1-3	12
1/2"	56/64"	60/64"	HD1-4	18
3/4"	1-10/64"	1-14/64"	HD1-6	18
1"	1-29/64"	1-35/64"	HD1-8	36

Hydraulic Hose Clamps For 1 or 2 Wire Hose

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
110301D	from	to	Part #	ft. lbs.
3/8"	50/64"	52/64"	HRC-037	18
1/2"	57/64"	1"	HRC-050	18
3/4"	1-16/64"	1-20/64"	HRC-075	36
1"	1-37/64"	1-41/64"	HRC-100	64
11/4"	1-54/64"	1-62/64"	HRC-125	90
11/2"	2-10/64"	2-18/64"	HRC-150	90
2"	2-43/64"	2-52/64"	HRC-200	90

Inline Hydraulic Filters

- · 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 (2°C to 93°C)
- maximum operating pressure: 3000 PSI

Female SAE	Overall Length	Diameter	Plated Steel Part #
9/16" - 18	3½"	1½"	9152
³ ⁄ ₄ " - 16	3½"	1½"	9153







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

Pipe Nom. Bore/Tube OD	Length	Width	Height	Steel & Polypropylene Part #
1/8" pipe	1.65"	1.18"	1.30"	HST02P
1/4" pipe	1.89"	1.18"	1.54"	HST04P
1/4" tube	1.65"	1.18"	1.30"	HST04T
5/16" tube	1.65"	1.18"	1.30"	HST05T
¾" pipe	1.89"	1.18"	1.54"	HST06P
%" tube	1.65"	1.18"	1.30"	HST06T
½" pipe	2.17"	1.18"	1.61"	HST08P
½" tube	1.89"	1.18"	1.54"	HST08T
%" tube	1.89"	1.18"	1.54"	HST10T
¾" pipe	2.44"	1.18"	1.89"	HST12P
¾" tube	2.17"	1.18"	1.61"	HST12T
⅓" tube	2.17"	1.18"	1.61"	HST14T
1" pipe	2.91"	1.18"	2.52"	HST16P
1" tube	2.17"	1.18"	1.61"	HST16T
11/4" pipe	2.91"	1.18"	2.52"	HST20P
11/4" tube	2.91"	1.18"	2.52"	HST20T
1½" pipe	3.46"	1.18"	2.83"	HST24P
1½" tube	2.91"	1.18"	2.52"	HST24T
2" tube	3.46"	1.18"	2.83"	HST32T





Twin Series

Pipe Nom. Bore/Tube OD	Length	Width	Height	Steel & Polypropylene Part #
1/8" pipe	1.46"	1.18"	1.36"	HTW02P
1/4" pipe	1.46"	1.18"	1.36"	HTW04P
1/4" tube	1.46"	1.18"	1.36"	HTW04T
5/16" tube	1.46"	1.18"	1.36"	HTW05T
¾" pipe	2.17"	1.18"	1.42"	HTW06P
%" tube	1.46"	1.18"	1.36"	HTW06T
½" pipe	2.76"	1.18"	1.85"	HTW08P
½" tube	2.17"	1.18"	1.42"	HTW08T
%" tube	2.17"	1.18"	1.42"	HTW10T
¾" pipe	3.35"	1.18"	2.05"	HTW12P
¾" tube	2.76"	1.18"	1.85"	HTW12T
%" tube	2.76"	1.18"	1.85"	HTW14T
1" pipe	4.33"	1.18"	2.52"	HTW16P
1" tube	2.76"	1.18"	1.85"	HTW16T
11/4" pipe	4.33"	1.18"	2.52"	HTW20P
11/4" tube	4.33"	1.18"	2.52"	HTW20T
1½" tube	4.33"	1.18"	2.52"	HTW24T



Hydraulic Fittings

Pipe and Tube Clamps

Heavy Duty Series



Pipe Nom. Bore/Tube OD	Length	Width	Height	Steel & Polypropylene Part #
1/8" pipe	2.87"	1.18"	1.89"	HHD02P
1/4" pipe	2.87"	1.18"	1.89"	HHD04P
1/4" tube	2.87"	1.18"	1.89"	HHD04T
5/16" tube	2.87"	1.18"	1.89"	HHD05T
%" pipe	2.87"	1.18"	1.89"	HHD06P
3/8" tube	2.87"	1.18"	1.89"	HHD06T
½" pipe	3.35"	1.18"	2.52"	HHD08P
½" tube	2.87"	1.18"	1.89"	HHD08T
%" tube	2.87"	1.18"	1.89"	HHD10T
3/4" pipe	3.35"	1.18"	2.52"	HHD12P
3/4" tube	3.35"	1.18"	2.52"	HHD12T
⅓" tube	3.35"	1.18"	2.52"	HHD14T
1" pipe	3.94"	1.18"	2.99"	HHD16P
1" tube	3.35"	1.18"	2.52"	HHD16T
11/4" pipe	5.51"	1.77"	4.33"	HHD20P
11/4" tube	3.94"	1.18"	2.99"	HHD20T
11/2" pipe	5.51"	1.77"	4.33"	HHD24P
11/2" tube	3.94"	1.18"	2.99"	HHD24T
2" pipe	5.51"	1.77"	4.33"	HHD32P
2" tube	5.51"	1.77"	4.33"	HHD32T



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- Sanitary valves are located on pages: 631 652Fire valves are located on pages: 821 842

Domestic Bronze Ball Valves

Application:

 for control of air, water, oil and gas in hose or pipe lines, for other services, please contact Dixon®

Features:

- pressure rating: 600 PSI WOG; 150 PSI saturated steam
- bronze valve bodies, balls and stems
- blow-out proof stems
- glass-filled reinforced PTFE seats and stuffing box ring; stem seals and washers
- plated steel handles and nuts with vinyl sleeves replacements available, contact Dixon[®] for pricing
- full and standard port valves are repairable
- meets WW-V 35C, Type II Composition

Female NPT	Port	Bronze Part #
1/4"	full	BBV25
3/8"	full	BBV38
1/2"	full	BBV50
3/4"	standard	BBV75
1"	standard	BBV100
11/4"	standard	BBV125
1½"	standard	BBV150
2"	standard	BBV200
2½"	standard	BBV250
3"	standard	BBV300



- machined solid chrome-plated ball
- multi-fill RPTFE seats and seals
- adjustable packing
- blow-out proof stem design
- bronze castings
- vacuum service to 29 inches Hg
- pressure rating: 600 PSI WOG; 150 PSI saturated steam

Female NPT	Port	Bronze Part #
3/4"	full	BBV75FP
1"	full	BBV100FP
11/4"	full	BBV125FP
1½"	full	BBV150FP
2"	full	BBV200FP







Locking Handle Bronze Ball Valves

Application:

· for control of air, water, oil and gas in hose or pipe lines, for other services, please contact Dixon®

Features:

- pressure rating: 600 PSI WOG; 150 PSI saturated steam
- blow-out proof RPTFE stem
- chrome-plated bronze ball
- Stainless steel sliding lock mechanism secures handle in open or closed position; can be padlocked opened or closed.
- plated steel handles and nuts with vinyl sleeves
- full and standard port valves are repairable

Female NPT	Port	<i>Bronze</i> Part #
1/4"	full	BBLV25
3/8"	full	BBLV38
1/2"	full	BBLV50
3/4"	standard	BBLV75
1"	standard	BBLV100
11/4"	standard	BBLV125
1½"	standard	BBLV150
2"	standard	BBLV200



Bronze Ball Valves

Applications:

• for air, water, oil and gas service

Features:

- pressure rating: 600 PSI, cold non-shock pressure rating: 150 PSI saturated steam
- chromium plated ball
- · RTFE seats and stuffing box ring
- blow-out proof stem
- · adjustable packing gland

Male NPT x Female NPT	Port	Bronze Part #
½"	standard	BMV50
¾"	standard	BMV75
1"	standard	BMV100



"Deadman" Spring Return Handle Brass Ball Valves

- pressure rating: 600 PSI WOG; 150 PSI saturated steam
- · vacuum service to 29 inches Hg
- · stainless steel lever
- · chromium plated ball
- · RTFE seats and stuffing box ring
- blow-out proof stem design
- · adjustable packing gland
- spring return closes valve when not held open
- operating torque approximately three times standard valve torque

Female NPT	Port	<i>Brass</i> Part #
1/2"	full	BBV50SR
3/4"	standard	BBV75SR
1"	standard	BBV100SR
1½"	standard	BBV150SR
2"	standard	BBV200SR



250 Lb. Steam Ball Valves

Application:

 recommended for use with fluids with widely varying temperatures and/or thermal expansion rates

Features:

- pressure rating: 600 PSI; 250 PSI saturated steam
- · vacuum service to 29 inches Hg
- bronze body
- 316 stainless steel ball and stem
- blow-out proof stem design
- multi-fill RPTFE seats
- · multi-fill stuffing box ring
- high temperature MTFE stem packing
- adjustable packing gland
- maximum temperature: 450°F (232°C)

Female NPT	Port	<i>Bronze</i> Part #
1½"	full	BBV50ST
3¼"	standard	BBV75ST
1"	standard	BBV100ST
2"	standard	BBV200ST

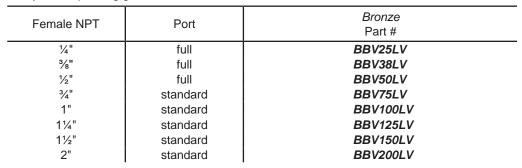


Application:

for air service only

Features:

- pressure rating: 0-125 PSI
- vent downstream air in accordance with OSHA regulation 1910.147 for pneumatic systems
- bronze valve
- chromium plated ball
- · RTFE seats and stuffing box ring
- blow-out proof stem design
- adjustable packing gland





Bronze Ball Valves with NPT Tap for Drain

Application:

recommended for water and air service

- pressure rating: 125 PSI WOG
 - vent downstream air in accordance with OSHA regulations for pneumatic systems
- · chromium plated ball
- RTFE seats and stuffing box ring
- · blow-out proof stem
- adjustable packing gland
- auto-drain / auto-vent
- ½" NPT tapped port provides additional options such as an air venting elbow or noise muffler

Female NPT	Port	<i>Bronze</i> Part #
1/4"	full	BBV25VT
3/8"	full	BBV38VT
1/2"	full	BBV50VT
3/4"	full	BBV75VT
1"	full	BBV100VT



Imported Brass Ball Valves

Application:

· for control of air, water, oil and gas in hose or pipe lines, for other services please contact Dixon®

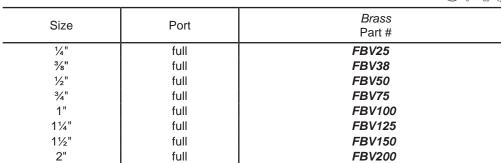
Features:

- pressure rating: 600 PSI WOG; 150 PSI Working Steam Pressure
- forged brass body
- · blow-out proof stems
- · PTFE seat, seal and thrust washer
- · chrome-plated brass ball and plated steel handle
- maximum temperature: 366°F (186°C)
- Underwriters Listed

female NPT x female NPT









female NPT x female NPT





Size	Port	<i>Brass</i> Part #
2½"	full	FBV250
3"	full	FBV300
4"	full	FBV400

Imported Brass Ball Valve with Locking Handle

Application:

· for control of air, water, oil and gas in hose or pipe lines, for other services please contact Dixon®

- pressure ratings: 600 PSI WOG; 150 PSI Working Steam Pressure
- forged brass body
- · blow-out proof stem
- PTFE seat, seal and thrust washer
- · chrome-plated brass ball and plated steel handle
- maximum temperature: 366°F (186°C)

Female NPT	Port	<i>Brass</i> Part #
1/2"	full	FBVL50
3/4"	full	FBVL75
1"	full	FBVL100
11/4"	full	FBVL125
1½"	full	FBVL150
2"	full	FBVL200
2½"	full	FBVL250
3"	full	FBVL300
4"	full	FBVL400



Global Brass Ball Valves

Application:

· for water and air only

Features:

- · pressure ratings:
 - 1/4" 3/8" rated to **365 PSI**
 - 1/2" 2" rated to 600 PSI
- forged brass body
- maximum temperature: 248°F (120°C)

Female NPT	Port	Forged Brass Part #
1/4"	full	FBVG25
3/8"	full	FBVG38
1/2"	full	FBVG50
3/4"	full	FBVG75
1"	full	FBVG100
11/4"	full	FBVG125
1½"	full	FBVG150
2"	full	FBVG200



Application:

· provides protection against potential gas leakage under extreme duty or low pressure applications

Features:

- · pressure rating: 600 PSI WOG; 150 PSI working steam pressure
- maximum temperature: 366°F (186°C)
- brass body
- blow-out proof stem
- chrome-plated brass ball
- adjustable stem packing nut
- PTFE seat, seal, and thrust washer

Size	Port	<i>Brass</i> Part #
1/2"	full	FBV50SE
3/4"	full	FBV75SE
1"	full	FBV100SE
11/4"	full	FBV125SE
1½"	full	FBV150SE
2"	full	FBV200SE



- · lead free refers to the wetted surface of pipes, fittings and fixtures in potable water systems that have a weighted average lead content = 0.25% Source: California Health & Safety Code (116875). Vermont Act 193*171NLF
- pressure rating: 600 WOG 150 WSP
- maximum temperature: 366°F (186°C)
- PTFE seat and double O-ring stem packing

Female NPT	Port	<i>Lead Free Brass</i> Part #
1/2"	full	LFV50
3/4"	full	LFV75
1"	full	LFV100
11/4"	full	LFV125
1½"	full	LFV150
2"	full	LFV200





Dual Y Valves

Application:

• ideal for compressor applications

Features:

- dual action valve
- non-vented pressure rating: 600 PSI WOG
 vented pressure rating: 125 PSI Cold Working Pressure

Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	Bronze Part #
1"	3/4"	BBV100DWV
1¼"	3/4"	BBV125DWV



Non-Vented

Female NPT Inlet (1)	Female NPT Outlets (2)	<i>Bronze</i> Part #
1"	3/4"	BBV100DW
1¼"	3/4"	BBV125DW

Mini Ball Valves

1

- pressure rating: 450 PSI
- nickel plated brass body
- PTFE seats and FKM stem seal
- blow-out proof stem
- maximum temperature 330°F (166°C)
- Canadian Standard Association approved

Female NPT	Port	Nickel Plated Brass Part #
1/8"	standard	MBV12
1/4"	standard	MBV25
3/8"	standard	MBV38
1/2"	standard	MBV50



3-Way Brass Diverting Ball Valves T Flow

female NPT x female NPT x female NPT



Features:

- pressure rating: 400 PSI WOG; 100 PSI saturated steam
- brass body
- · blow-out proof stem
- chrome plated brass ball
- PTFE seats, seals, and thrust washer
- adjustable stem packing
- maximum temperature: 366°F (186°C)

Lever Assembly	position 1	position 2

Size	Port	<i>Bra</i> ss Part #
1/2"	standard	BBV50DTW
3/4"	standard	BBV75DTW
1"	standard	BBV100DTW
1¼"	standard	BBV125DTW
1½"	standard	BBV150DTW
2"	standard	BBV200DTW

Note: 1/4 turn handle can be adjusted to any orientation. Notches on the valve stem reflect the three openings on the ball.

3-Way Brass Diverting Ball Valves L Flow

female NPT x female NPT x female NPT

Features:

- · can be used with gasoline and diesel fuel
- pressure rating: 400 PSI WOG
- bronze body
- · blow-out proof stem
- chromium-plated ball
- RPTFE seats and stuffing box ring
- stainless steel handle and nut with vinyl sleeve
- adjustable packing gland

Size	Port	<i>Bronze</i> Part #
1/2"	full	BBV50TW1
3/4"	standard	BBV75TW
1"	standard	BBV100TW

¹ carbon steel handle and nut with vinyl sleeve

Lever Rotation 90° 45° HANDLE

- rated to 800 PSI WOG
- · stainless steel body and ball
- blow-out proof stem
- RPTFE seats and stuffing box ring
- stainless steel handle and nut with vinyl sleeve
- adjustable packing gland
- meets NACE MR-01-75

Size	Port	Stainless Steel Part #
1/2"	full	SSBV50TW
3/4"	standard	SSBV75TW
1"	standard	SSBV100TW

Valve

2-Piece Domestic Stainless Steel Ball Valves

Features:

- pressure rating: 1,000 PSI Cold Working Pressure
- pressure rating: 150 PSI saturated steam
- · vacuum service to 29 inches Hg
- · 316 stainless body, ball and stem
- PTFE seal
- blow-out proof stem
- · vinyl handle cover
- temperature range: -40°F to 400°F (-40°C to 204°C)

Female NPT	Port	316 Stainless Steel Part #
1/4"	full	DSBV25
3/8"	full	DSBV38
1/2"	full	DSBV50
3/4"	full	DSBV75
1"	full	DSBV100
11/4"	full	DSBV125
1½"	full	DSBV150
2"	full	DSBV200



Stainless Steel Ball Valves Full Port

Applications:

· for use with water, oil and gas

Features:

• pressure rating: $\frac{1}{4}$ " - 2" rated to **1000 PSI** WOG (CWP) $2\frac{1}{2}$ " - 3" rated to **800 PSI** WOG (CWP)

100 PSI saturated steam

- · 316 stainless steel body, ball and stem
- RPTFE seat, joint gasket and thrust washer
- blow-out proof stem design
- temperature range: -20°F to 446°F (-29°C to 230°C) as long as the valve is run fully open/ closed

Female NPT	Port	316 Stainless Steel Part #
1/4"	full	SSBV25
3/8"	full	SSBV38
1/2"	full	SSBV50
3/4"	full	SSBV75
1"	full	SSBV100
1¼"	full	SSBV125
1½"	full	SSBV150
2"	full	SSBV200
2½"	full	SSBV250
3"	full	SSBV300



Stainless Steel Ball Valves Full Port with Locking Handle

Applications:

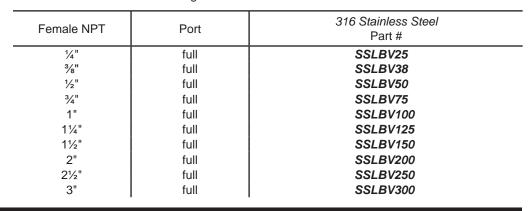
· for use with water, oil and gas

Features:

pressure rating: ¼" - 2" rated to 1000 PSI WOG (CWP)
 2½" - 3" rated to 800 PSI WOG (CWP)

100 PSI saturated steam

- 316 stainless steel body, ball and stem
- · RPTFE seat, joint gasket and thrust washer
- plastic cover on handle
- blow-out proof stem design
- temperature range: -20°F to 356°F (-29°C to 180°C)
- lockable
- · not recommended as a throttling valve

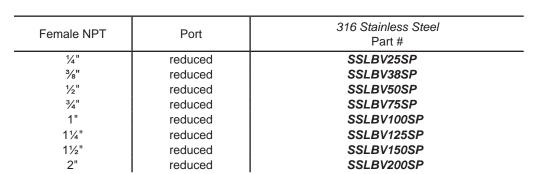


Stainless Steel Ball Valves Reduced Port with Locking Handle

Applications:

· for use with water, oil and gas

- pressure rating: 1000 PSI WOG; 100 PSI saturated steam
- 316 stainless steel body, ball and stem
- · RPTFE seat, joint gasket and thrust washer
- plastic cover on handle
- blow-out proof stem design
- temperature range: -20°F to 356°F (-29°C to 180°C)
- lockable
- · not recommended as a throttling valve







3-Piece Industrial Stainless Steel Ball Valves FNPT

Features:

- · blow out proof stem
- · live-loaded stem packing
- · swing out design for easy maintenance
- ISO 5211 mounting pad
- RTFE seat and seals
- maximum temperature: 400°F (200°C)
- maximum pressure: 1/4" 1/2" 1,000 PSI WOG at 65°F, 21/2" - 3" 800 PSI WOG at 65°F, 4" 600 PSI WOG at 65°F

- 0					
•	Female NPT	Port	PSI @ 65°F	Body Length	CF8M Stainless Steel Part #
	1/2"	full	1000	2.8"	BV2IGN05011-A
	3/4"	full	1000	3.1"	BV2IGN07511-A
	1"	full	1000	3.3"	BV2IGN10011-A
	1¼"	full	1000	4.1"	BV2IGN12511-A
	1½"	full	1000	4.4"	BV2IGN15011-A
	2"	full	1000	5.1"	BV2IGN20011-A
	2½"	full	800	6.6"	BV2IGN25011-A
	3"	full	800	7.3"	BV2IGN30011-A
	4"	full	600	8.9"	BV2IGN40011-A



3-Piece Industrial Stainless Steel Ball Valves Socket Weld

Female NPT	Port	PSI @ 65°F	Body Length	CF8M Stainless Steel Part #
1/2"	full	1000	2.8"	BV2IGN05033-A
3/4"	full	1000	3.1"	BV2IGN07533-A
1"	full	1000	3.3"	BV2IGN10033-A
1¼"	full	1000	4.1"	BV2IGN12533-A
1½"	full	1000	4.4"	BV2IGN15033-A
2"	full	1000	5.1"	BV2IGN20033-A
2½"	full	800	6.6"	BV2IGN25033-A
3"	full	800	7.3"	BV2IGN30033-A
4"	full	600	8.9"	BV2IGN40033-A
2" 2½" 3"	full full full	1000 800 800	5.1" 6.6" 7.3"	BV2IGN20033-A BV2IGN25033-A BV2IGN30033-A



"Deadman" Spring Return Handle Stainless Steel Ball Valves

- pressure rating: 2000 PSI WOG ½" to 1"; 1500 PSI WOG 1¼" to 2"
- 150 PSI saturated steam, all sizes
- vacuum service to 29 inches Hg, all sizes
- PTFE seal
- · blow-out proof stem design
- · adjustable packing gland
- spring return closes valve when not held open
- · operating torque approximately three times standard valve torque

Female NPT	Port	316 Stainless Steel Part #
1/2"	full	SSBV50SR
3/4"	standard	SSBV75SR
1"	standard	SSBV100SR
11/4"	standard	SSBV125SR
1½"	standard	SSBV150SR
2"	standard	SSBV200SR



Industrial Wafer Ball Valves

Features:

- ANSI Class 150 wafer style ball valve
- full port, sizes 1" to 4"
- blow out proof stem
- · ideal option to high performance butterflies
- space saving
- anti-static stem design
- · locking plate included

Materials:

- body: CF8M
- ball and end connection: 316 stainless steel
- elastomers: FKM
- · seats: 25% carbon reinforced PTFE

Size	Stainless Steel Part #
1"	BV2IC-100WW-A
11/4"	BV2IC-125WW-A
1½"	BV2IC-150WW-A
2"	BV2IC-200WW-A
2½"	BV2IC-250WW-A
3"	BV2IC-300WW-A
4"	BV2IC-400WW-A



Features:

- high flow rate; low pressure drop
- wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: 150 PSI at ambient temperature 70°F (21°C)
- standard valve ports female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon® for details
- two ports one inlet and one outlet

One-Way Full Flow Ball Valve Female NPT

Size	<i>Aluminum</i> Part #
2"	1WAYBV200
3"	1WAYBV300
4"	1WAYBV400



One-Way Full Flow Ball Valve Socket Weld

Size	Bore	<i>Aluminum</i> Part #
2"	2.390"	1WAYBV200SW
3"	3.530"	1WAYBV300SW



One-Way Full Flow Ball Valve Grooved

Size	<i>Aluminum</i> Part #
2"	1WAYBV200VIC
3"	1WAYBV300VIC

Mann Tek Full Flow Ball Valves

Features:

- high flow rate; low pressure drop
- · wetted parts are aluminum and stainless steel
- FPM seals
- spindle can be disassembled even when ball valve is installed
- working pressure: 150 PSI at ambient temperature 70°F (21°C)
- standard valve ports female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange, contact Dixon® for details
- three ports one inlet and two outlets, valve directs the flow from the inlet to either of the two outlets
- · commonly used for switching compartments or tanks



Two-Way Full Flow Ball Valve Female NPT

Size	Aluminum Part #
2"	2WAYBV200
3"	2WAYBV300
4"	2WAYBV400

Two-Way Full Flow Ball Valve Socket Weld

Size	Bore	<i>Aluminum</i> Part #
2"	2.390"	2WAYBV200SW
3"	3.530"	2WAYBV300SW



Two-Way Full Flow Ball Valve Grooved

Size	Aluminum Part #
2"	2WAYBV200VIC3
3"	2WAYBV300VIC3



Carbon Steel Ball Valves

Applications:

 for control of air, water, oil and gas in hose or pipe lines, for other services please contact Dixon®

Features:

- pressure rating: 150 PSI saturated steam
- carbon steel body
- chromium plated ball
- RPTFE seat and seal
- blow-out proof stem
- · adjustable packing gland

Female NPT	PSI	Port	Carbon Steel Part #
1/4"	2000	full	IBV25
3/8"	2000	full	IBV38
1/2"	2000	standard	IBV50
3/4"	2000	standard	IBV75
1"	2000	standard	IBV100
11/4"	1500	standard	IBV125
1½"	1500	standard	IBV150
2"	1500	standard	IBV200



Features:

- blow-out proof stem
- rugged construction
- FKM/FPM seals
- POM (Polyacetal) ball seats



Female	PSI	Carbon Steel		PSI	316 Stainless Steel
NPT		Part #	SAE Part#	PSI	Part #
1/4"	7350	HPBV25	HPBV25SAE	5880	HPBV25SS
3/8"	7350	HPBV38	HPBV38SAE	5880	HPBV38SS
1/2"	7350	HPBV12	HPBV12SAE	5880	HPBV12SS
3/4"	6000	HPBV34	HPBV34SAE	5145	HPBV34SS
1"	6000	HPBV10	HPBV10SAE	5145	HPBV10SS
11/4"	6000	HPBV125	HPBV125SAE		
1½"	6000	HPBV150	HPBV150SAE		
2"	6000	HPBV200	HPBV200SAE		

High Pressure Full-Bore 3-Way Ball Valves

- temperature range: -20°F to 215° F (-29°C to 102°C)
- rugged construction
- FKM seals
- POM (polyacetal) ball seats
- black oxide coating
- nickel plated ball



Standard L 90°

Female NPT	PSI	Carbon Steel Part #
1/2"	5145	HPBV12-3WAY
3/4"	5145	HPBV34-3WAY
1"	5145	HPBV10-3WAY

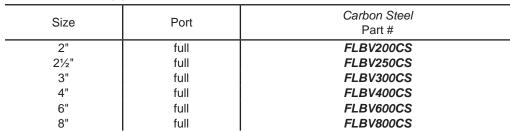
150# Flanged Ball Valves

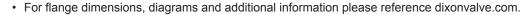
Applications:

· suitable for air, water, oil and gas

Features:

- product approvals include: LP gas shut-off valves, flammable liquid shut-off valves, gas shut-off valves, compressed gas shut-off valves, and anhydrous ammonia shut-off valves
- body: ASTM A216 WCB
- RPTFE seat
- · vacuum service to 29 inches of Hg
- pressure rating: 150 PSIG saturated steam
- temperature up to 400°F (204°C)
- PSI rating up to 280 PSI
- four point ISO 5211 mounting pad bolt pattern
- · anti-static grounded ball and stem
- · blow-out proof stem design
- bleed/drain port (cast) 1/2" NPT
- fire safe (graphite packing and seal)
- adjustable packing gland





Polypropylene Bolted Ball Valves

Features:

- pressure rating: ½" 3" is rated to 125 PSI at 70°F (21°C) 4" is rated to 90 PSI at 70°F (21°C)
- · chemically-resistant, reinforced polypropylene
- PTFE ball seat
- EPDM O-ring body seal, FKM O-ring stem seal
- · 304 stainless steel nuts and bolts
- · FDA approved material

		Polypropylene 4-Bolt Ball Valves
Female NPT	Port	Polypropylene Part #
1/2"	full	PVFP50
3/4"	full	PVFP75
1"	full	PVFP100
1½"	full	PVFP150
1"	standard	PV100
2"	standard	PV200

Polypropylene 6-Bolt Ball Valves

Female NPT	Port	Polypropylene Part #
2"	full	PVFP200
3"	full	PVFP300

Polypropylene 8-Bolt Ball Valves

Female NPT	Port	Polypropylene Part #
4"	full	PVFP400









Polypropylene Compact Bolted Ball Valves

Features:

- pressure rating: 125 PSI at 70°F (21°C)
- chemically-resistant, reinforced polypropylene body, PTFE ball seat
- EPDM O-ring body seal, FKM O-ring stem seals
- · 304 stainless steel nuts and bolts
- · FDA approved material



Polypropylene Compact Bolted Ball Valve

Female NPT	Port	Body Length	Polypropylene Part #
2"	full	47/8"	PVFPS200



Polypropylene Compact Bolted Ball Valve

Female NPT x Male Adapter	I Port	Body Length	Polypropylene Part #
2"	full	61/8"	PVFPSA200

Polypropylene 45° Single Union Nozzle Valves

Features:

- pressure rating: 125 PSI at 70°F (21°C)
- corrosion resistant polypropylene body, PTFE ball seats
- EPDM O-ring
- FDA approved material

Female NPT x Nozzle	Port	Polypropylene Part #
1"	full	SUBVN100

Polypropylene Bolted Ball Valves with Nozzle

Features:

- pressure rating: 125 PSI at 70°F (21°C)
- chemically-resistant, reinforced polypropylene body, PTFE ball seat
- EPDM O-ring body seals, FKM O-ring stem seals
- 304 stainless steel nuts and bolts
- FDA approved material
- body-to-flange design allows for low torque operation

Female NPT x Nozzle	Port	Polypropylene Part #
1½"	full	PVFPN150
2"	full	PVFPN200
2"	standard	PVN200



Polypropylene Single Union Ball Valves

- pressure rating: 125 PSI at 70°F (21°C)
- · corrosion resistant polypropylene body, PTFE ball seat
- EPDM O-ring
- FDA approved material



Female NPT	Port	Polypropylene Part #
1/2"	full	SUBV50
3/4"	full	SUBV75
1"	full	SUBV100
11⁄4"	full	SUBV125
1½"	full	SUBV150
2"	full	SUBV200
3"	full	SUBV300

Domestic Bronze Gate Valves

Features:

- Class 150
- pressure rating: 300 PSI cold working pressure, 150 PSI steam working pressure
- union bonnet
- ASME B1.20.1
- Grafoil® packing
- rising stem
- solid disc
- · malleable iron handwheel
- 100% factory tested
- temperature range: -20°F to 406°F (-29°C to 208°C)

Female NPT	Bronze Part #
1/2"	DBGV50
3/4"	DBGV75
1"	DBGV100
1¼"	DBGV125
1½"	DBGV150
2"	DBGV200



Features:

Stainless Steel Gate Valves

- pressure rating: 200 PSI non-shock cold water, oil, gas
- threaded bonnet
- · integral seat
- adjustable packing nut
- non-rising stem
- solid wedge disc
- iron handwheel
- 100% factory tested

Female NPT	<i>Bra</i> ss Part #	316 Stainless Steel Part #
1/4"	BGV25	
3/8"	BGV38	
1/2"	BGV50	SSGV50
3/4"	BGV75	SSGV75
1"	BGV100	SSGV100
11/4"	BGV125	SSGV125
1½"	BGV150	SSGV150
2"	BGV200	SSGV200
2½"	BGV250	
3"	BGV300	
4"	BGV400	



316 stainless

Forged Steel Gate Valves

Application:

can be used for steam service

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: 1975 PSI
- maximum temperature: 800°F (427°C)

Female NPT
Part #
½" FSGV50
3/4" FSGV75
1" FSGV100
1¼" FSGV125
1½" FSGV150
2" FSGV200



Domestic Bronze Globe Valves

Features:

- Class 150
- pressure rating: 300 PSI cold working pressure, 150 PSI steam working pressure
- union bonnet
- ASME B1.20.1
- Grafoil® packing
- PTFE disc
- malleable iron handwheel
- 100% factory tested

Female NPT	Bronze Part #
1/2"	DGLBV50
3/4"	DGLBV75
1"	DGLBV100
11/4"	DGLBV125
1½"	DGLBV150
2"	DGLBV200



Features:

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: 1975 PSI
- maximum temperature: 800°F (427°C)
- can be used for steam service

Female NPT	Forged Steel Part #
1/2"	FSGLBV50
3/4"	FSGLBV75
1"	FSGLBV100
11/4"	FSGLBV125
1½"	FSGLBV150
2"	FSGLBV200



Application:

designed for handling liquid, gaseous or dry products

Features:

- has a positive stop in the open and closed position
- detent spring and ball assist in holding the disc in the open and closed position drilling fits TTMA recommended standards

- opens by turning hand ¼ turn counter clockwise temperature range: 0°F to 400°F (-17°C to 204°C)



Manual

Size	Maximum Working Pressure PSI	Extruded aluminum body with FKM-B disc Part #
3"	75	WD301ALVB
4"	75	WD401ALVB



Metering

Size	Maximum Working Pressure PSI	Extruded aluminum body with FKM-B disc Part #
3"	75	WD304ALVB
4"	75	WD404ALVB

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Ductile Iron Butterfly Valves



▲ NOT RECOMMENDED FOR STEAM SERVICE

- for use between two 150 lb. flanges
- 10 position trigger grip handle
- pressure rating: 200 PSI at ambient temperature 70°F (21°C)

Threaded Lug Style Butterfly Valves

Features:

- ductile iron body, ASTM A536
- aluminum bronze disc, ASTM B148, ALY.954
- PTFE bushing
- stainless steel top and bottom stems

Size	Ductile Iron with Buna-N Liner Part #	Ductile Iron with EPDM Liner Part #
2"	BFVL200	BFVL200E
3"	BFVL300	BFVL300E
4"	BFVL400	BFVL400E
6"	BFVL600	BFVL600E



Wafer Style 150 lb. Butterfly Valves with Aluminum Bronze Disc

Features:

- ductile iron body, ASTM A536
- aluminum bronze disc, ASTM B148, ALY.954
- · PTFE bushing
- · stainless steel top and bottom stems

Size	Ductile Iron with Buna-N Liner Part #	Ductile Iron with EPDM Liner Part #
2"	BBFVW200	BBFVW200E
3"	BBFVW300	BBFVW300E
4"	BBFVW400	BBFVW400E
6"	BBFVW600	BBFVW600E



Wafer Style 150 lb. Butterfly Valves with Stainless Disc

Features:

- ductile iron body, ASTM A536
- stainless steel disc, ASTM A351, GR. CF-8M
- Buna-N seal and stem seals
- PTFE bushing
- · stainless steel top and bottom stems

Size	Ductile Iron with Buna-N Liner Part #
2" 3" 4" 6"	BFVW200 BFVW300 BFVW400 BFVW600



Wafer Style 150 lb. Butterfly Valves with Iron Disc

- ductile iron body, ASTM A536
- nickel plated ductile iron disc
- · Buna-N seal and stem seals
- PTFE bushing
- 416 stainless stem

Size	Ductile Iron with Buna-N Liner Part #	Ductile Iron with EPDM Liner Part #
3"	IBFVW300	IBFVW300E
4"	IBFVW400	IBFVW400E
6"	IBFVW600	IBFVW600E
8"	IBFVW800	IBFVW800E



Flow Control Valves

Steel Series F

Features:

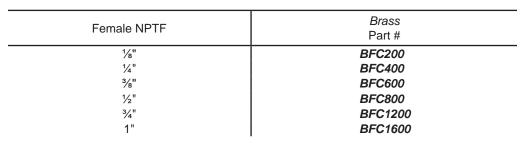
- Two-step needle provides fine adjustments at low flow with the first three turns of the
 adjusting knob. The next three turns give full-open needle position and conventional throttling
 control. When flow is reversed, a heavy-duty poppet/retainer permits full-flow return capacity.
- color-coded reference 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 (21°C) for ½" ½", 3000 PSI at 70°F (21°C) for ¾" 2"

Female NPTF Black Oxide Steel Part #		
1/4" SFC400 3/8" SFC600	Female NPTF	
3/4" SFC1200 1" SFC1600 1½" SFC2400 2" SFC3200	1/4" 3/6" 1/2" 3/4" 1" 11/2"	SFC400 SFC600 SFC800 SFC1200 SFC1600 SFC2400



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 (21°C) for sizes ½" ¾", 500 PSI at ambient temperature 70°F (21°C) for 1"



Series MV Metering

- 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 (21°C)

Female NPTF	<i>Steel</i> Part #
1/4"	SMV400
3/8"	SMV600
1/2"	SMV800





Flow Control Valves

Steel 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 (21°C), cracking pressure: 5 PSI

Female NPTF	Zinc Plated Steel with a dichromate seal Part #
1/4"	SPF400
3/8"	SPF600
1/2"	SPF800



Brass 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 (21°C)
- · cracking pressure: 5 PSI

Female NPTF	<i>Brass</i> Part #
1/8"	BPF200
1/4"	BPF400
3/8"	BPF600
1/2"	BPF800



Steel 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 (21°C) for ½" ¾", 3000 PSI at 70°F (21°C) for 1" 1¼"

Female NPTF	Steel Part #	
1/8"	SN200	
1/4"	SN400	
3/8"	SN600	
1/2"	SN800	
3/4"	SN1200	
1"	SN1600	
11/4"	SN2000	



Brass Series N

- 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 (21°C) for sizes ½" ¾", 500 PSI at ambient temperature 70°F (21°C) for 1"

Female NPTF	<i>Bra</i> ss Part #
1/8"	BN200
1/4"	BN400
3/8"	BN600
1/2"	BN800
3/4"	BN1200
1"	BN1600



Mini Needle Valves

Features:

- available in a variety of materials and handle options
- FKM O-ring seal and PTFE back-up ring below the threads protects from corrosion and galling
- stem threads are rolled for strength and ease of operation
- metal-to-metal hard seat design is 100% helium leak tested to 1 x 10-4 ml/s at 200 PSI
- ½" and ½" are orifice size: 0.172", flow coefficient: 0.42
- ½": 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 @ 200°F	<i>Brass</i> Part #	Handle Style	PSI at 200°F	Zinc Nickel Plated Steel Part #	316 Stainless Steel Part #
1/8" - 27	knurled knob	6000	MFB101	T design	10000	MFC101	MFS101
1/4" - 18	knurled knob	6000	MFB102	T design	10000	MFC102	MFS102
1⁄2" - 14				T design	10000	MFC404	MFS404

Female to Female



NPT Size	Handle Style	PSI at 200°F	<i>Brass</i> Part #	Handle Style	PSI at 200°F	Zinc Nickel Plated Steel Part #	316 Stainless Steel Part #
1/8" - 27	knurled knob	6000	FFB101	T design	10000	FFC101	FFS101
1/4" - 18	knurled knob	6000	FFB102	T design	10000	FFC102	FFS102
1⁄2" - 14				T design	10000	FFC404	FFS404

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 10-4 ml/s at 200 PSI
- ½" female NPT port
- orifice size is 0.187", flow coefficient: 0.44
- all stems are 316 stainless steel

Hard Seat Male to Female



NPT	Handle	PSI	Zinc Nickel Plated Steel	316 Stainless Steel
Size	Style	at 200°F	Part #	Part #
½" - 14	T design	10000	MFC204	MFS204
¾" - 14	T design	10000	MFC20604	MFS20604

Soft Seat Male to Female



NPT	Handle	PSI	Zinc Nickel Plated Steel	316 Stainless Steel
Size	Style	at 200°F	Part #	Part #
½" - 14	T design	6000	MFC304	MFS304
¾" - 14	T design	6000	MFC30604	MFS30604

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
- stem threads are rolled for strength and ease of operation
- metal-to-metal hard seat design is 100% helium leak tested to 1 x 10-4 ml/s at 200 PSI
- 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	Handle	PSI	Zinc Nickel Plated Steel	316 Stainless Steel
Size	Style	at 200°F	Part #	Part #
1⁄4" - 18	T design	10000	MFC602	MFS602
1⁄2" - 14	T design	10000	MFC604	MFS604



Soft Seat Male to Female

NPT	Handle	PSI	Zinc Nickel Plated Steel	316 Stainless Steel
Size	Style	at 200°F	Part #	Part #
½" - 18	T design	6000	MFC702	MFS702
½" - 14	T design	6000	MFC704	MFS704



Bleed Needle Valves

Features:

- · convenient way 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
- stem threads are rolled for strength and ease of operation
- metal-to-metal hard seat design is 100% helium leak tested to 1 x 10-4 ml/s at 200 PSI
- 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	Handle	PSI	Zinc Nickel Plated Steel	316 Stainless Steel
Size	Style	at 200°F	Part #	Part #
½" - 18	T design	10000	MC802	MS802
½" - 14	T design	10000	MC804	MS804



Soft Tip Male

NPT	Handle	PSI	Zinc Nickel Plated Steel	316 Stainless Steel
Size	Style	at 200°F	Part #	Part #
¼" - 18	T design	6000	MC852	MS852
½" - 14	T design	6000	MC854	MS854



316 stainless

Valves

Button



Thread	<i>Brass</i> Part #
1/4" NPT female	BV2F
1/4" NPT male	BV2M

Tank Filler











Applications:

used on compressed air tanks and other applications

· standard valve stem thread

Connection	Length	<i>Nickel Plated</i> Part #	Length	<i>Brass</i> Part #
1/8" NPT	.85" 1.24"	TFV1S TFV1L		
1/4" NPT	1"	TFV2		
1/4" barb			1.57"	TFV2HB

Brass Lever External Drains

TFV1L



for air service only

Feature:

• maximum operating pressure: 30 PSI at ambient temperature 70°F (21°C)

Female NPT	Male NPT	<i>Brass</i> Part #
1/4"	1/4"	LDC2



Male NPT	Male NPT	<i>Brass</i> Part #
1/4"	1/4"	LDCM2



Female NPT	Female NPT	<i>Brass</i> Part #
1/4"	1/4"	LDCF2

Brass External Drain Cocks

Applications:

• designed for low pressure water and air applications

• maximum operating pressure: 150 PSI at ambient temperature 70°F (21°C)

NPT Size	<i>Brass</i> Part #
1/8"	D02
1/4"	D04





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 (21°C)

fema	lo	v	fon	nal	ما
Tema	æ	ж	IEI	nai	ш

Female NPT	Female NPT	<i>Brass</i> Part #
1/8"	1/8"	NV2F
1/4"	1/4"	NV4F



male x male

Male NPT	Male NPT	<i>Brass</i> Part #
1/4"	1/4"	NV4M



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:

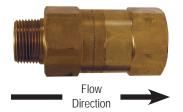
- · high flow valve provides optimum performance
- controls excess air flow (SCFM) in only one direction
- automatically senses change in air flow and shuts off the flow in the event of a surge in excess of valve flow rating thus preventing hose whip
- solid brass body and valve
- · stainless steel spring and roll pin
- maximum operating pressure: 350 PSI
- maximum temperature: 250°F (121°C)
- · does not prevent backflow

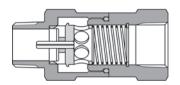


• conforms to OSHA regulation 1926.302 (b) (7) requiring a safety device at the source of the air supply and at branch air lines

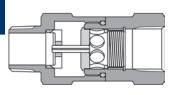
How It Works:

- 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.





Open Position



Closed Position

NPT & Hose ID Size	Cut-off Flow Rate (SCFM at 90 PSI)	<i>Brass</i> Part #	NPT & Hose ID Size	Cut-off Flow Rate (SCFM at 90 PSI)	<i>Brass</i> Part #
1/4"	23-29	SCVL2		260-290	SCVL10
	30-36	SCVL3	1¼"	300-340	SCVM10
3/8"	39-47	SCVM3	1 74	440-500	SCVS10
	52-65	SCVS3	570-630 300-360	SCVH10	
1/2"	70-78	SCVM4		300-360	SCVL12
/2	80-96	SCVS4		470-530	SCVM12
	72-88	SCVL6	1½"	564-602	SCVX12
	92-108	SCVM6		640-720	SCVS12
3/4"	112-128	SCVR6		750-830	SCVH12
/4	132-148	SCVJ6		510-590	SCVL16
	160-180	SCVS6	2"	725-825	SCVM16
	180-200	SCVH6		900-1050	SCVS16
·	165-195	SCVL8		1100-1200	SCVH16
1"	220-260	SCVM8		1200-1400	SCVL24
ı	280-320	SCVS8	3"	2400-2700	SCVS24
	310-340	SCVH8		2850-3050	SCVH24

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

Feature:

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

Male NPT	Preset Pressure PSI	SCFM	<i>Brass</i> Part #
1/4"	100	51	KSV10-100
	125	62	KSV10-125
	150	73	KSV10-150
	175	84	KSV10-175



Standard

Features:

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

Male NPT	Preset Pressure PSI	SCFM	<i>Brass</i> Part #	SCFM	Stainless Steel Part #
	30	35	SV30	35	SV30SS
	100	89	SV100	92	SV100SS
1/"	125	109	SV125	112	SV125SS
1/4"	150	129	SV150	132	SV150SS
	175	149	SV175	153	SV175SS
	200	168	SV200	173	SV200SS



Heavy Duty, High Capacity

Feature:

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

Male NPT	Preset Pressure PSI	SCFM	<i>Brass</i> Part #
	30	73	SV30HD ¹
1/2"	100	208	SV100HD
	125	254	SV125HD
	150	300	SV150HD
	175	346	SV175HD
	200	391	SV200HD



¹ constructed with soft seat

Series C Check Valves

brass

2

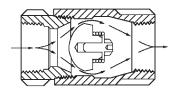


Features:

- provides free flow in one direction and dependable shutoff in the opposite direction
- maximum operating pressure: 2000 PSI at ambient temperature 70°F (21°C)
- cracking pressure: 5 PSI

Female NPT	Free Flow GPM	Maximum Operating PSI at 70°F (21°C)	<i>Brass</i> Part #	Maximum Operating PSI at 70°F (21°C)	<i>Steel</i> Part #
1/8"	3	2000	BCV200	5000	SCV200
1/4"	5	2000	BCV400	5000	SCV400
3/8"	8	2000	BCV600	5000	SCV600
1/2"	15	2000	BCV800	5000	SCV800

Domestic Ball Cone Check Valves



Pressure Ratings

Temperature	Pressure WOG (PSI)
-20°F to 100°F (-29°C to 38°C)	400
200°F (93°C)	200
250°F (121°C)	160
275°F (135°C)	150
300°F (149°C)	140
325°F (163°C)	130
353°F (178°C)	125

Application:

• For use with water, oil or inert gases. Not recommended for use on or near reciprocating pumps or other similar vibration causing machinery.

Features:

- · tight shut-off with liquid media
- · no radial alignment necessary
- straight through and streamlined for minimum change in velocity
- Reinforced PTFE check is spring loaded for fast seating action.
- pressure rating: 400 PSI WOG, cold non-shock; 125 PSI saturated steam
- cracking pressure: .5 PSI
- temperature range: -20°F to 353°F (-29°C to 178°C)

Ball Cone Check Valve Female NPT x Female NPT



Size	<i>Brass</i> Part #	316 Stainless Steel Part #
1/4"	61-101	62-101
3/8"	61-102	62-102
1/2"	61-103	62-103
3/4"	61-104	62-104
1"	61-105	62-105
11/4"	61-106	62-106
1½"	61-107	62-107
2"	61-108	62-108
21/2"	61-109	
3"	61-100	

Ball Cone Check Valve Male NPT x Female NPT



Size	<i>Brass</i> Part #	
1/4"	61-201	
3/8"	61-202	
1/2"	61-203	
3/4"	61-204	
1"	61-205	
11/4"	61-206	
1½"	61-207	
2"	61-208	

800 PSI Stainless Steel Check Valves

Features:

- soft PTFE seat is spring loaded for fast seating action
- · flow profile designed to minimize head loss
- temperature range: 10°F to 450°F (-12°C to 232°C)
- · pressure rating: 800 PSI WOG; 125 PSI saturated steam
- cracking pressure: .5 PSI
- · corrosion resistance, excellent for use on chemicals
- dual guided stem and disc

Female NPT	316 Stainless Steel
1711	Part #
1/4"	SSCVIL025
3/8"	SSCVIL038
1/2"	SSCVIL050
3/4"	SSCVIL075
1"	SSCVIL100
11/4"	SSCVIL125
11/2"	SSCVIL150
2"	SSCVIL200



Forged Steel Check Valves

Features:s

- Class 800
- ASTM A105, ANSI B120.1
- bolted bonnet
- pressure rating: 1975 PSI
- maximum temperature: 800°F (427°C)
- · can be used for steam service

Female NPT	Forged Steel Part #	
1/2"	FSCV50	
3/4"	FSCV75	
1"	FSCV100	
11/4"	FSCV125	
1½"	FSCV150	
2"	FSCV200	



Spring-Loaded Check Valves

Features:

- cracking pressure: 0.50 PSI
- NBR seat
- soft seat for bubble tight shutoff, spring loaded for fast seating action
- flow profile designed to minimize head loss
- pressure rating :1/2" 2" 400 PSI WOG; 3" 4" 175 PSI WOG
- temperature range: 10°F to 210°F (-10°C to 100°C)

 Female NPT	Brass
 remale NPT	Part #
1/2"	CV050
3/4"	CV075
1"	CV100
11/4"	CV125
1½"	CV150
2"	CV200
3"	CV300
4"	CV400



Valves

Strainer with Spring-Loaded Check Valves

Features:

- · brass with NBR seat and stainless steel strainer
- soft seat for bubble tight shutoff, spring loaded for fast seating action
- flow profile designed to minimize head loss
- temperature range: 10°F to 210°F (-10°C to 100°C)
- · cracking pressure: 0.50 PSI
- pressure rating: 1½"-2" 400 PSI WOG, 3"-4" 175 PSI WOG

Female NPT	<i>Brass</i> Part #
1½"	BVFS20
2"	BVFS25
3"	BVFS35
4"	BVFS40



Applications:

• for use in plumbing and liquid piping systems to prevent back flow

Features

- full flow performance with a minimum of turbulence or pressure loss
- · brass disc
- · for horizontal or vertical use
- A positive seating disc allows flow only in one direction and a screw-in cap provides easy
 access for periodic cleaning.
- pressure rating: 200 PSI WOG
- temperature range: -20° to 150°F (-29°C to 66°C)

Female NPT	<i>Brass</i> Part #
1/2"	SWCV50
3/4"	SWCV75
1"	SWCV100
11/4"	SWCV125
1½"	SWCV150
2"	SWCV200
3"	SWCV300
4"	SWCV400



Domestic Swing Check Valves

Features:

- Class 150
- ASME B1.20.1
- metal seat
- 100% factory tested
- working pressure: 300 PSI cold, 150 PSI steam
- temperature range: -20°F to 406°F (-29°C to 208°C)



Female NPT	<i>Br</i> ass Part #
1/2"	DSCV50
3/4"	DSCV75
1"	DSCV100
11/4"	DSCV125
1½"	DSCV150
2"	DSCV200

DPL418

Drum Plug Wrenches

Features:

- · sparkproof, natural finish is safe around flammables
- · offset handle design reduces user stress and minimizes knuckle injury

<i>Bronze</i>	<i>Aluminum</i>
Part #	Part #
DPW	ADPW



Drum Faucets

Polyethylene Drum Faucets

Features:

- Faucets are not to be used in applications where temperatures exceed 140°F (60°C).
- no wrench needed for screwing into drum opening
- 2" faucet is shipped with a gasket; the 3/4" does not require a gasket

NPT Thread	Gold Polyethylene Part #
3/4"	PEDF75
2"	PEDF200



Stainless Heavy Duty Adjustable Drum Faucets

Features:

- ¾" NPT connection
- · adjustable shank is designed to easily adjust to proper drain position after installing in drum
- PTFE gasket
- FM approved for use with oils and non-flammables

Stainless Steel Part #



HDSSF75

Brass Heavy Duty Adjustable Drum Faucets

Features:

- ¾" NPT connection
- · easy to use, self-closing design
- FM approved for use with oils and non-corrosive flammables

Brass Part # AHDBF75



Brass Heavy Duty Drum Faucet with Rigid Shanks

Features:

- ¾" NPT connection
- · easy to use, self-closing design
- PTFE gasket
- · FM approved for use with oils and non-corrosive flammables

Brass Part # HDBF75



Compression Bibb Faucets

Application:

· for water use only

- · rough brass finish
- · nozzle end is GHT

Male NPT Inlet	<i>Bra</i> ss Part #
1/2"	35-201-10
3/4"	35-202-10



Drum Thread Adapters

Application:

· for use in gravity discharge from drums



Features:

- male NPSH thread with gasket on the drum side allows for a connection to drums with female NPSH thread
- male NPT end allows for a connection with the female NPT found on most ball valves

Size	Cast Brass Part #	
2" x 2"	DMH20DR20	

Drum Gate Valves

Application:

• ideal for drawing non-flammable liquids from drums and tanks



- iron body
- manually operated
- machined and lapped brass faceplate designed for oval discharge, ensures no splashing and a smooth operation
- black Japanned finish
- can be padlocked





Features:

- lightweight, durable aluminum body provides improved corrosion resistance for certain fluids
- sturdy 2" handle is stamped metal with black enamel finish
- can be padlocked

Male NPT	Aluminum Part #
2"	D75AL

Self-Closing Gate Valves

Application:

 ideal for dispensing viscous liquids such as oil, grease, paint, varnish and syrups from drums and tanks



- gray iron body, brass sliding gate and machine lapped sealing surface
- · gate closes automatically when handle is released, cleaning discharge surface
- can be padlocked

Male NPT	<i>Iron</i> Part #
3/4"	D71SC
2"	D75SC

Clamps	564 to 566	End caps	611
Clamp accessories	566	Adapters	611
Clamp fittings	567 to 576	Tees	612
Ferrules	567 to 568	Reducers	613
Caps	569	Type A stub ends	613
Adapters	569 to 572	Miscellaneous configurations	614
Elbows	572 to 574	Flanges	615
Tees	574	Spray balls	616
Reducers	575	Sight glasses	617 to 618
Crosses	575	Swivels	619
Miscellaneous configurations	576	Pressure gauges	620
Covers		Strainers	
Quick weld ferrules		Tube hangers	
Breakaway couplings		Wall flanges	
Gaskets		High purity Biopharm fittings	
Cam and groove transition		Elbows	
Dixon® weld to tube cam and groove		Tees	
European fittings		Reducers	
Bevel seat		Ferrules	
Nuts		Caps	
Hex wrenches		Саро	
Ferrules		Sanitary Valves	631 to 652
End caps		2-way, 3 piece ball valves	
Adapters		Butterfly valves	
Elbows		Clamp end	
Reducers		B5115 series	
Breakaway couplings		Spring check valves	
		Y ball check valves	
Gaskets			
I-line / Q-line		Air blow check valves	
Clamps		Tank vent valve	
Ferrules		3A sample valves	
End caps		Actuation: Floatric	442 to 44E
Gaskets		Actuation: Electric	
Pipe size		2-piece stainless steel ball valves	
Clamps		3-piece stainless steel ball valves	
Ferrules		Brass ball valves	
End caps		3-way stainless steel ball valves T / L port .	
Adapters		3-way brass ball valves T / L port	645
Hangers		Actuation Decuments	/ 4/ += / 52
Gaskets		Actuation: Pneumatic	
Polished weld		2-piece stainless steel ball valves	
Elbows		3-piece stainless ball valves	
Sweep elbows		Brass ball valves	
Tees		3-way brass ball valves T / L port	
Adapters		Wafer butterfly valves	
Reducers		Lug butterfly valves	
Crosses		Flow paths	
Miscellaneous configurations	609	Accessories	
Protection covers		Limit switches	
Unpolished weld		Solenoids	652
Elbows	610 to 611	Positioners	652

Sanitary Tube Fittings564 to 630 Sanitary Tube Fittings (cont.) .. 564 to 630

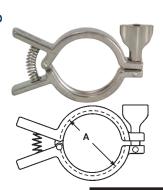
Clamps

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 - 13MHHM-Q

Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	Stainless Steel Part #
1/2" - 3/4"	1500	1200	1.062"	13MHHM-Q75
1" - 1½"	500	300	2.122"	13MHHM-Q100150
2"	450	250	2.654"	13MHHM-Q200
21/2"	400	200	3.185"	13MHHM-Q250
3"	350	175	3.717"	13MHHM-Q300
4"	300	150	4.820"	13MHHM-Q400

Single Pin Heavy Duty - 13MHHM with cross hole wing nut



	or occ many man						
_	Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	Stainless Steel Part #		
	1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75		
	1" - 1½"	500	300	2.122"	13MHHM100-150		
	2"	450	250	2.654"	13MHHM200		
	21/2"	400	200	3.185"	13MHHM250		
	3"	350	175	3.717"	13MHHM300		
	4"	300	150	4.820"	13MHHM400		
	5"	225	100	5.820"	13MHHM500		
	6"	150	75	6.695"	13MHHM600		
	8"	100	50	8.695"	13MHHM800		

Single Pin Heavy Duty - 13MHHM***SN with serrated wing nut



		•		
Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	Stainless Steel Part #
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75SN
1" - 1½"	500	300	2.122"	13MHHM100-150SN
2"	450	250	2.654"	13MHHM200SN
21/2"	400	200	3.185"	13MHHM250SN
3"	350	175	3.717"	13MHHM300SN
4"	300	150	4.820"	13MHHM400SN
5"	225	100	5.820"	13MHHM500SN
6"	150	75	6.695"	13MHHM600SN
8"	100	50	8.695"	13MHHM800SN

Double Pin Heavy Duty - 13MHHM-DP



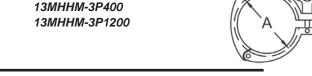
_	Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	Stainless Steel Part #
-	1" - 1½"	500	300	2.122"	13MHHM-DP100150
	2"	450	250	2.654"	13MHHM-DP200
	21/2"	400	200	3.185"	13MHHM-DP250
	3"	350	175	3.717"	13MHHM-DP300
	4"	300	150	4.820"	13MHHM-DP400
	10"	100	50	10.740"	13MHHM-DP1000

¹ wing nut tightened to 25 in. lb. of torque

Clamps

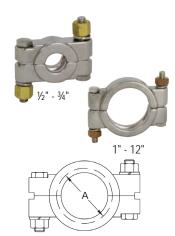
Three Segment - 13MHHM-3P

Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	Stainless Steel Part #
1" - 1½"	600	300	2.122"	13MHHM-3P100150
2"	550	275	2.654"	13MHHM-3P200
21/2"	450	225	3.185"	13MHHM-3P250
3"	350	175	3.717"	13MHHM-3P300
4"	300	150	4.820"	13MHHM-3P400
12"	75	50	12.740"	13MHHM-3P1200



Bolted - 13MHP

Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	Stainless Steel Part #
1/2" - 3/4"	1500	1200	1.062"	13MHP75
1" - 1½"	1500	1200	2.046"	13MHP100-150
2"	1000	800	2.578"	13MHP200
2½"	1000	800	3.110"	13MHP250
3"	1000	800	3.640"	13MHP300
4"	800	600	4.744"	13MHP400
6"	300	200	6.632"	13MHP600
8"	250	150	8.638"	13MHP800
10"	200	125	10.740"	13MHP1000
12"	150	100	12.740"	13MHP1200



Toggle - 13MHLA

Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	304 Stainless Steel Part #
1" - 1½"	150	125	2.122"	13MHLA100-150
2"	150	125	2.654"	13MHLA200
2½"	150	125	3.185"	13MHLA250
3"	150	125	3.717"	13MHLA300
4"	100	75	4.820"	13MHLA400

¹ screw tightened to maximum



T-bolt - *13MO*

Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	304 Stainless Steel Part #
1" - 11/2"	500	250	2.080"	13MO100-150
2"	350	200	2.610"	13MO200
21/2"	300	150	3.140"	13MO250
3"	200	100	3.670"	13MO300
4"	100	75	4.780"	13MO400
6"	75	50	6.690"	13MO600
8" 2	50	40	8.690"	13MO800
10" 2	40	30	10.690"	13MO1000
12" 2	30	25	12.690"	13MO1200

^{1 &}quot; - 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
2 2 bolt configuration



¹ wing nut tightened to 25 in. lb. of torque

¹ all nuts are tightened to 20 ft. lbs. of torque



Dairy - 13WGC

Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	304 Stainless Steel Part #
1" - 1½"	100	75	2.08"	13WGC100-150
2"	100	75	2.61"	13WGC200
2½"	100	75	3.14"	13WGC250
3"	100	75	3.67"	13WGC300
4"	100	75	4.78"	13WGC400

¹ finger tight

Accessories

Spring Loaded Nut - 13SLN

Features:

- Lines using PTFE gaskets that are subject to large temperature swings can benefit from this special product. As the PTFE is compressed through the cycling of the lines, the spring loaded 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 the standard wing nuts.
- If you transport material in tanks via truck, the vibrations can loosen the standard single pin clamps spring loaded nuts can add a level of insurance to the shipment.
- note: can be used on all wing nut style clamps.
- torque to 50 in. lb.

Thread	Dimension	Dimension	304 Stainless Steel
	A	B	Part #
5/16" - 18	1.73"	.875"	13SLN



Nuts and Bolts



Description	Part Number
cross hole wing nut 5/16"-18	13WNX
mini cross hole wing nut 5/16"-18 for 1/2" - 3/4" clamps	13WNXM
serrated wing nut 5/16"-18	13WNS
hex wing nut 5/16"-18	13WNH
bronze hex nut %"-16 for bolted clamps	13BN
brass 3/8-16 nuts used on $\frac{1}{2}$ " - $\frac{3}{4}$ " and 10" & 12" bolted clamps	13BNH
stainless steel hex nut for bolted clamps	13SN
%" 304 stainless steel lock washer	13LW
bolt %"-16 x 21/4" for 1/2 - 11/2" bolted clamps	13CB-2.25
bolt %"-16 x 2%" for 2" and 21/2" bolted clamps	13CB-2.75
bolt %"-16 x 31/4" for 3" - 12" bolted clamps	13CB-3.25
rivet pin for ½" - 5" single pin clamps 5/16" x 1"	13RP
rivet pin for 6" and 8" single pin clamps 5/16" x 11/6"	13RP6
5/16"-18 x 2" threaded eye bolt for ½" - 5" clamps	13IB
5/16"-18 x 21/2" threaded eye bolt for 6" - 12" clamps	13IB6

Clamp Fittings - Ferrules

Short Weld - 14WMP

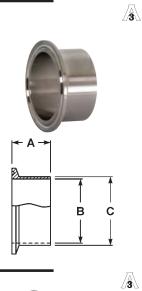


Tube		imension	is	304 Stainless Steel	316L Stainless Steel
OD	А	В	С	Part #	Part #
1/2"	.500"	.370"	.500"	14WMP-G50	14WMP-R50
3/4"	.500"	.620"	.750"	14WMP-G75	14WMP-R75
1"	.500"	.870"	1.000"	14WMP-G100	14WMP-R100
1½"	.500"	1.370"	1.500"	14WMP-G150	14WMP-R150
2"	.500"	1.870"	2.000"	14WMP-G200	14WMP-R200
21/2"	.500"	2.370"	2.500"	14WMP-G250	14WMP-R250
3"	.500"	2.870"	3.000"	14WMP-G300	14WMP-R300
4"	.625"	3.834"	4.000"	14WMP-G400	14WMP-R400
5"	.750"	4.782"	5.000"	14WMP-G500	14WMP-R500
6"	.875"	5.782"	6.000"	14WMP-G600	14WMP-R600
8"	.875"	7.782"	8.000"	14WMP-G800	14WMP-R800
10"	.875"	9.760"	10.000"	14WMP-G1000	14WMP-R1000
12"	.875"	11.760"	12.000"	14WMP-G1200	14WMP-R1200



Long Weld - L14AM7

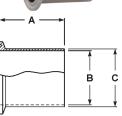
			i		
Tube		Dimension	s	304 Stainless Steel	316L Stainless Steel
OD	Α	В	С	Part #	Part #
1/2"	1.125"	.370"	.500"	L14AM7-G50	L14AM7-R50
3/4"	1.125"	.620"	.750"	L14AM7-G75	L14AM7-R75
1"	1.125"	.870"	1.000"	L14AM7-G100	L14AM7-R100
1½"	1.125"	1.370"	1.500"	L14AM7-G150	L14AM7-R150
2"	1.125"	1.870"	2.000"	L14AM7-G200	L14AM7-R200
2½"	1.125"	2.370"	2.500"	L14AM7-G250	L14AM7-R250
3"	1.125"	2.870"	3.000"	L14AM7-G300	L14AM7-R300
4"	1.125"	3.834"	4.000"	L14AM7-G400	L14AM7-R400
5"	1.125"	4.782"	5.000"	L14AM7-G500 NEW	L14AM7-R500 NEW
6"	1.500"	5.782"	6.000"	L14AM7-G600	L14AM7-R600
8"	1.500"	7.782"	8.000"	L14AM7-G800	L14AM7-R800
10"	1.750"	9.760"	10.000"	L14AM7-G1000	L14AM7-R1000
12"	1.750"	11.760"	12.000"	L14AM7-G1200	L14AM7-R1200



Specification:
• meets ASME BPE-2012 specifications

- Theets Admit by L-2012 specifications								
Tube	D	imension	IS	316L Stainless Steel				
OD	Α	В	С	Part #				
1/2"	1.750"	.370"	.500"	TL14AM7-050PL				
3/4"	1.750"	.620"	.750"	TL14AM7-075PL				
1"	1.750"	.870"	1.000"	TL14AM7-100PL				
1½"	1.750"	1.370"	1.500"	TL14AM7-150PL				
2"	2.250"	1.870"	2.000"	TL14AM7-200PL				
3"	2.250"	2.870"	3.000"	TL14AM7-300PL				
4"	2.250"	3.834"	4.000"	TL14AM7-400PL				



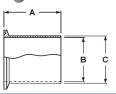


Tank (light duty) - 14WLMP

Automatic Weld - *TL14AM7*

Tube	Dimensions			304 Stainless Steel	316L Stainless Steel
OD	Α	В	С	Part #	Part #
1"	3.000"	.870"	1.000"	14WLMP-G100	14WLMP-R100
1½"	3.000"	1.370"	1.500"	14WLMP-G150	14WLMP-R150
2"	3.000"	1.870"	2.000"	14WLMP-G200	14WLMP-R200
21/2"	3.000"	2.370"	2.500"	14WLMP-G250	14WLMP-R250
3"	4.000"	2.870"	3.000"	14WLMP-G300	14WLMP-R300
4"	4.000"	3.834"	4.000"	14WLMP-G400	14WLMP-R400
6"	6.000"	5.782"	6.000"	14WLMP-G600	14WLMP-R600

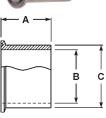




Clamp Fittings - Ferrules

Tank (heavy duty) - 14MPW





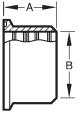
Specification:certified ASME materials

Tub	Tube Din		imension	IS	316L Stainless Steel	
OD)	Α	В	С	Part #	
1/2"		1.625"	.321"	.502"	14MPW-R50	
3/4"		1.625"	.574"	.750"	14MPW-R75	
1"		1.625"	.870"	1.160"	14MPW-R100	
1½'	"	1.625"	1.370"	1.676"	14MPW-R150	
2"		1.750"	1.870"	2.192"	14MPW-R200	
2½'	"	1.750"	2.370"	2.708"	14MPW-R250	
3"		1.813"	2.870"	3.224"	14MPW-R300	
4"		2.125"	3.834"	4.256"	14MPW-R400	
6"		2.500"	5.758"	6.192"	14MPW-R600	









Roll-on for Expanding - *14RMP*

_	Tube	Dimensions		304 Stainless Steel	316L Stainless Steel
	OD	А	В	Part #	Part #
_	1"	.750"	1.005"	14RMP-G100	14RMP-R100
	1½"	1.125"	1.505"	14RMP-G150	14RMP-R150
	2"	1.312"	2.005"	14RMP-G200	14RMP-R200
	21/2"	1.375"	2.505"	14RMP-G250	14RMP-R250
	3"	1.437"	3.005"	14RMP-G300	14RMP-R300
	4"	1.500"	4.005"	14RMP-G400	14RMP-R400

¹ Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.







Reducing - B31WMP

Tube	D	imension	าร	304 Stainless Steel	316L Stainless Steel
OD	Α	В	С	Part #	Part #
2" x 1"	.500"	.870"	1.000"	B31WMP-G200100	B31WMP-R200100
2½" x 1½"	.500"	1.370"	1.500"	B31WMP-G250150	B31WMP-R250150
2½" x 2"	.500"	1.870"	2.000"	B31WMP-G250200	B31WMP-R250200
3" x 2"	.500"	1.870"	2.000"	B31WMP-G300200	B31WMP-R300200
4" x 3"	.625"	2.870"	3.000"	B31WMP-G400300	B31WMP-R400300

Clamp Fittings - Caps

Solid End - 16AMP

• Specify if you are using a piping system or a tubing system when ordering.

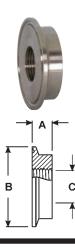
Tube	Dimensions		304 Stainless Steel	316L Stainless Steel	
OD	А	В	Part #	Part #	
1/2" - 3/4"	.187"	.992"	16AMP-G50-75	16AMP-R50-75	
1" - 1½"	.250"	1.984"	16AMP-G100-150	16AMP-R100-150	
2"	.250"	2.516"	16AMP-G200	16AMP-R200	
21/2"	.250"	3.047"	16AMP-G250	16AMP-R250	
3"	.250"	3.579"	16AMP-G300	16AMP-R300	
4"	.312"	4.682"	16AMP-G400	16AMP-R400	
5"	.376"	5.687"	16AMP-G500	16AMP-R500	
6"	.437"	6.570"	16AMP-G600	16AMP-R600	
8"	.437"	8.570"	16AMP-G800	16AMP-R800	
10"	.437"	10.570"	16AMP-G1000	16AMP-R1000	
12"	.437"	12.750"	16AMP-G1200	16AMP-R1200	





Thermometer - B23BMP

Tube	Dimensions			304 Stainless Steel	316L Stainless Steel
OD	Α	В	C 1	Part #	Part #
1/2"	.500"	.992"	1/4" NPT		B23BMP-R5014
3/4"	.500"	.992"	1/4" NPT		B23BMP-R7514
1"	.625"	1.984"	1/2" NPT	B23BMP-G100	B23BMP-R100
1½"	.625"	1.984"	34" NPT	B23BMP-G150	B23BMP-R150
2"	.625"	2.516"	34" NPT	B23BMP-G200	B23BMP-R200
21/2"	.625"	3.047"	34" NPT	B23BMP-G250	B23BMP-R250
3"	.625"	3.579"	34" NPT	B23BMP-G300	B23BMP-R300
4"	.625"	4.682"	34" NPT	B23BMP-G400	B23BMP-R400

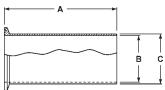


Clamp Fittings - Adapters

Tygon® Hose - 14MPHT

Tube	Dimensions		ıs	316L Stainless Steel
OD	Α	В	С	Part #
3/4"	4.000"	.620"	.750"	14MPHT-R75
1"	4.500"	.870"	1.000"	14MPHT-R100
1½"	4.500"	1.370"	1.500"	14MPHT-R150
2"	4.500"	1.870"	2.000"	14MPHT-R200
21/2"	4.500"	2.370"	2.500"	14MPHT-R250
3"	4.500"	2.870"	3.000"	14MPHT-R300
4"	4.625"	3.834"	4.000"	14MPHT-R400



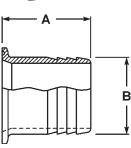


¹ other NPT tap sizes available, contact Dixon®

Clamp Fittings - Adapters

Rubber Hose - 14MPHR

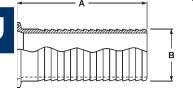




Tube OD	Hose Size	Dimer A	nsions B	304 Stainless Steel Part #	316L Stainless Steel Part #
	1/11				4.44040.05
	1/4"	1.500"	.290"		14MPHR-R5025
1/2"	1/2"	1.500"	.540"		14MPHR-R50
	3/4"	1.500"	.790"		14MPHR-R5075
	1/4"	1.500"	.290"		14MPHR-R7525
3/4"	3/8"	1.500"	.415"		14MPHR-R75375
/4	1/2"	1.500"	.540"		14MPHR-R7550
	3/4"	1.500"	.790"		14MPHR-R75
	3/8"	1.500"	.415"		14MPHR-R100375
4.0	1/2"	1.500"	.540"		14MPHR-R10050
1"	3/4"	1.688"	.790"	14MPHR-G10075	14MPHR-R10075
	1"	1.688"	1.040"	14MPHR-G100	14MPHR-R100
	1/2"	1.500"	.540"	14MPHR-G15050	14MPHR-R15050
	5/8"	1.500"	.665"		14MPHR-R150625
1½"	3/4"	1.500"	.790"	14MPHR-G15075	14MPHR-R15075
	1"	1.687"	1.040"	14MPHR-G150100	14MPHR-R150100
	1½"	1.687"	1.540"	14MPHR-G150	14MPHR-R150
0"	1½"	2.312"	1.540"	14MPHR-G200150	14MPHR-R200150
2"	2"	2.312"	2.040"	14MPHR-G200	14MPHR-R200
2½"	2½"	2.344"	2.540"	14MPHR-G250	14MPHR-R250
3"	3"	3.094"	3.040"	14MPHR-G300	14MPHR-R300
4"	4"	3.406"	4.040"	14MPHR-G400	14MPHR-R400
6"	6"	3.406"	6.040"	14MPHR-G600	14MPHR-R600

Brewery Hose Barb - 14MPHRL





Feature:

• suitable for use with band clamps

Tube	Dimensions		304 Stainless Steel
OD	А	В	Part #
1"	3.500"	1.045"	14MPHRL100
1½"	5.000"	1.545"	14MPHRL150
2"	5.000"	2.045"	14MPHRL200
21/2"	5.500"	2.545"	14MPHRL250
3"	5.500"	3.045"	14MPHRL300
4"	5.500"	4.045"	14MPHRL400

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.

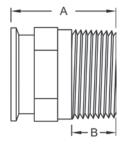
Sanitary Fittings

Clamp Fittings - Adapters

Male NPT - 21MP

Tube	NPT	Dimer	nsions	304 Stainless Steel	316L Stainless Steel
OD	Size	A	В	Part #	Part #
	1/4"	2.000"	.595"		21MP-R5025
1/2"	3/8"	2.000"	.600"		21MP-R50375
/2	1/2"	1.625"	.782"		21MP-R50
	3/4"	2.000"	.794"		21MP-R5075
	1/4"	2.000"	.595"		21MP-R7525
3/4"	3/8"	2.000"	.600"		21MP-R75375
%4	1/2"	2.000"	.782"		21MP-R7550
	3/4"	1.787"	.794"		21MP-R75
	1/2"	2.187"	.782"	21MP-G10050	21MP-R10050
	3/4"	2.187"	.794"	21MP-G10075	21MP-R10075
1"	1"	2.250"	.985"	21MP-G100	21MP-R100
1	11/4"	2.438"	1.009"	21MP-G100125	21MP-R100125
	1½"	2.438"	1.025"	21MP-G100150	21MP-R100150
	2"	2.625"	1.058"	21MP-G100200	21MP-R100200
	3/8"	2.161"	.600"	21MP-G150375	21MP-R150375
	1/2"	2.187"	.782"	21MP-G15050	21MP-R15050
	3/4"	2.187"	.794"	21MP-G15075	21MP-R15075
1½"	1"	2.437"	.985"	21MP-G150100	21MP-R150100
	11/4"	2.438"	1.009"	21MP-G150125	21MP-R150125
	1½"	2.250"	1.025"	21MP-G150	21MP-R150
	2"	2.625"	1.058"	21MP-G150200	21MP-R150200
	1/2"	2.188"	.782"	21MP-G20050	21MP-R20050
	3/4"	2.188"	.794"	21MP-G20075	21MP-R20075
2"	1"	2.469"	.985"	21MP-G200100	21MP-R200100
	1½"	2.625"	1.009"	21MP-G200150	21MP-R200150
	2"	2.638"	1.058"	21MP-G200	21MP-R200
	1/2"	2.781"	.782"	21MP-G25050	
	1"	2.781"	.782"	21MP-G250100	21MP-R250100
2½"	1½"	2.781"	1.025"	21MP-G250150	21MP-R250150
	2"	2.781"	1.058"	21MP-G250200	21MP-R250200
	2½"	2.875"	1.571"	21MP-G250	21MP-R250
	1½"	3.000"	1.009"	21MP-G300150	21MP-R300150
3"	2"	3.000"	1.058"	21MP-G300200	21MP-R300200
	3"	3.070"	1.634"	21MP-G300	21MP-R300
4"	4"	3.155"	1.734"	21MP-G400	21MP-R400

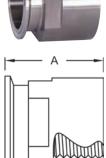




Clamp Fittings - Adapters

Female NPT - 22MP





Tube	NPT	Dimension	304 Stainless Steel	316L Stainless Steel
OD	Size	A	Part #	Part #
	1/4"	1.500"		22MP-R5025
1/3"	3/8"	1.500"		22MP-R50375
/2	1/2"	1.500"		22MP-R50
	3/4"	1.625"		22MP-R5075
	1/4"	1.500"		22MP-R7525
3/4"	1/2"	1.500"		22MP-R7550
	3/4"	1.625"		22MP-R75
	1/4"	1.625"		22MP-R10025
	1/2"	1.625"	22MP-G10050	22MP-R10050
1"	3/4"	1.625"	22MP-G10075	22MP-R10075
	1"	1.625"	22MP-G100	22MP-R100
	11/4"	1.625"		22MP-R100125
	1/2"	1.625"	22MP-G15050	22MP-R15050
	3/4"	1.625"	22MP-G15075	22MP-R15075
11/2"	1"	1.625"	22MP-G150100	22MP-R150100
	1½"	2.250"	22MP-G150	22MP-R150
	2"	2.250"	22MP-G150200	22MP-R150200
	1"	1.687"	22MP-G200100	22MP-R200100
2"	1½"	1.656"	22MP-G200150	22MP-R200150
2	2"	2.344"	22MP-G200	22MP-R200
	2½"	2.406"	22MP-G200250	
01/ !!	2"	1.720"	22MP-G250200	22MP-R250200
2½"	2½"	2.097"	22MP-G250	22MP-R250
	2"	2.187"	22MP-G300200	22MP-R300200
3"	2½"	2.187"	22MP-G300250	
	3"	2.187"	22MP-G300	22MP-R300
4"	4"	3.000"	22MP-G400	22MP-R400

Visit dixonvalve.com for pipe thread data



Clamp Fittings - Elbows

90° - B2CMP



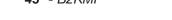
				-	
Tube	Dimer	nsions	304 Stainless Steel	316L Stainless Steel	
OD	A	R	Part #	Part #	
1/2"	1.625"	1.125"		B2CMP-R50	
3/4"	1.625"	1.125"		B2CMP-R75	
1"	2.000"	1.500"	B2CMP-G100	B2CMP-R100	
1½"	2.750"	2.250"	B2CMP-G150	B2CMP-R150	
2"	3.500"	3.000"	B2CMP-G200	B2CMP-R200	
21/2"	4.250"	3.750"	B2CMP-G250	B2CMP-R250	
3"	5.000"	4.500"	B2CMP-G300	B2CMP-R300	
4"	6.625"	6.000"	B2CMP-G400	B2CMP-R400	
6"	9.875"	9.000"	B2CMP-G600	B2CMP-R600	

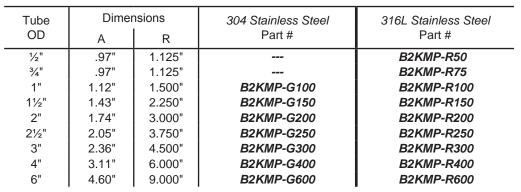
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<u>3</u>

Clamp Fittings - Elbows

45° - B2KMP









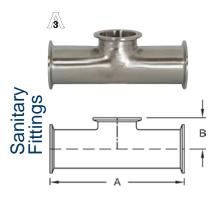
Tube	Dimer	nsions	304 Stainless Steel
OD	А	В	Part #
2"	3.750"	3.500"	B2FMP-14-G200
21/2"	4.625"	4.250"	B2FMP-14-G250
3"	5.406"	5.000"	B2FMP-14-G300



J

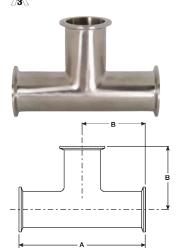
Clamp Fittings - Tees

Short Outlet - B7MPS



Tube OD	А	В	304 Stainless Steel Part Number	316L Stainless Steel Part Number
1½"	5.500"	1.375"	B7MPS-G150	B7MPS-R150
2"	7.000"	1.625"	B7MPS-G200	B7MPS-R200
21/2"	7.000"	1.875"	B7MPS-G250	B7MPS-R250

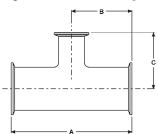
Clamp Tees - B7MP



Tube	Dimer	nsions	304 Stainless Steel	316L Stainless Steel	
OD	A	В	Part #	Part #	
1/2"	4.750"	2.375"		B7MP-R50	
3/4"	5.000"	2.500"		B7MP-R75	
1"	4.750"	2.375"	B7MP-G100	B7MP-R100	
1½"	5.500"	2.750"	B7MP-G150	B7MP-R150	
2"	7.000"	3.500"	B7MP-G200	B7MP-R200	
21/2"	7.000"	3.500"	B7MP-G250	B7MP-R250	
3"	7.500"	3.750"	B7MP-G300	B7MP-R300	
4"	9.000"	4.500"	B7MP-G400	B7MP-R400	
6"	13.000"	6.500"	B7MP-G600	B7MP-R600	
8"	15.750"	7.875"	B7MP-G800	B7MP-R800	

Reducing - B7RMP





Tube	D	imension	ıs	304 Stainless Steel	316L Stainless Steel
OD	Α	В	С	Part #	Part #
1" x ¾"	5.250"	2.625"	2.625"		B7RMP-R10075
1½" x ½"	5.750"	2.875"	2.875"		B7RMP-R15050
1½" x 1"	4.312"	2.156"	1.875"		B7RMP-R150100
2" x ½"	6.750"	3.375"	3.125"		B7RMP-R20050
2" x ¾"	6.750"	3.375"	3.125"		B7RMP-R20075
2" x 1"	5.125"	2.562"	2.125"	B7RMP-G200100	B7RMP-R200100
2" x 1½"	5.125"	2.562"	2.406"	B7RMP-G200150	B7RMP-R200150
2½" x 1½"	5.688"	2.844"	2.656"	B7RMP-G250150	B7RMP-R250150
2½" x 2"	5.688"	2.844"	2.812"	B7RMP-G250200	B7RMP-R250200
3" x 1½"	6.188"	3.093"	2.906"	B7RMP-G300150	B7RMP-R300150
3" x 2"	6.188"	3.093"	3.063"	B7RMP-G300200	B7RMP-R300200
4" x 1½"	8.125"	4.063"	3.406"	B7RMP-G400150	
4" x 2"	8.125"	4.063"	3.563"	B7RMP-G400200	

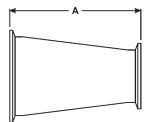
Clamp Fittings - Reducers

Concentric - B3114MP

Tube	Dimension	304 Stainless Steel	316L Stainless Steel
OD	A	Part #	Part #
1" x ½"	3.000"		B3114MP-R10050
1" x ¾"	2.000"		B3114MP-R10075
1½" x ½"	5.000"		B3114MP-R15050
1½" x ¾"	4.000"		B3114MP-R15075
1½" x 1"	3.000"	B3114MP-G150100	B3114MP-R150100
2" x ¾"	6.000"		B3114MP-R20075
2" x 1"	5.000"	B3114MP-G200100	B3114MP-R200100
2" x 1½"	3.000"	B3114MP-G200150	B3114MP-R200150
2½" x 1½"	5.000"	B3114MP-G250150	B3114MP-R250150
2½" x 2"	3.000"	B3114MP-G250200	B3114MP-R250200
3" x 1½"	7.000"	B3114MP-G300150	B3114MP-R300150
3" x 2"	5.000"	B3114MP-G300200	B3114MP-R300200
3" x 2½"	3.000"	B3114MP-G300250	B3114MP-R300250
4" x 1½"	11.125"	B3114MP-G400150	B3114MP-R400150
4" x 2"	9.125"	B3114MP-G400200	B3114MP-R400200
4" x 2½"	7.125"	B3114MP-G400250	B3114MP-R400250
4" x 3"	5.125"	B3114MP-G400300	B3114MP-R400300
6" x 4"	7.000"	B3114MP-G600400	



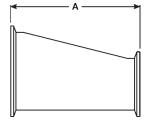
ittings



Eccentric - B3214MP

Tube	Dimension	304 Stainless Steel	316L Stainless Steel
OD	A	Part #	Part #
1½" x 1"	3.000"	B3214MP-G150100	B3214MP-R150100
2" x 1"	5.000"	B3214MP-G200100	B3214MP-R200100
2" x 1½"	3.000"	B3214MP-G200150	B3214MP-R200150
2½" x 1½"	5.000"	B3214MP-G250150	B3214MP-R250150
2½" x 2"	3.000"	B3214MP-G250200	B3214MP-R250200
3" x 1½"	7.000"	B3214MP-G300150	B3214MP-R300150
3" x 2"	5.000"	B3214MP-G300200	B3214MP-R300200
3" x 2½"	3.000"	B3214MP-G300250	B3214MP-R300250
4" x 2"	9.125"	B3214MP-G400200	B3214MP-R400200
4" x 2½"	7.125"	B3214MP-G400250	B3214MP-R400250
4" x 3"	5.125"	B3214MP-G400300	B3214MP-R400300
6" x 3"	6.875"	B3214MP-G600300	
6" x 4"	7.000"	B3214MP-G600400	





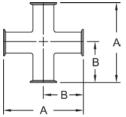


Clamp Crosses

Clamp Crosses - B9MP

Tube	Dimensions		304 Stainless Steel	316L Stainless Steel
OD	Α	В	Part #	Part #
1"	4.750"	2.375"	B9MP-G100	B9MP-R100
1½"	5.500"	2.750"	B9MP-G150	B9MP-R150
2"	7.000"	3.500"	B9MP-G200	B9MP-R200
3"	7.500"	3.750"	B9MP-G300	B9MP-R300
4"	9.000"	4.500"	B9MP-G400	B9MP-R400



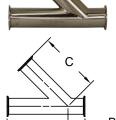








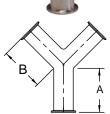




Tube	D	imension	าร	316L Stainless Steel
OD	Α	В	С	Part #
1"	7.000"	1.500"	5.500"	B28AMP-R100
1½"	8.375"	1.688"	6.688"	B28AMP-R150
2"	9.750"	2.125"	7.625"	B28AMP-R200
3"	11.750"	2.375"	9.375"	B28AMP-R300
4"	14.062"	2.640"	11.312"	B28AMP-R400

3√





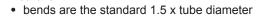
True Wyes - B28BMP

Tube		Dimensions		316L Stainless Steel
	OD	А	В	Part #
	1"	2.500"	2.938"	B28BMP-R100
	1½"	2.500"	2.938"	B28BMP-R150
	2"	3.125"	3.750"	B28BMP-R200
	3"	4.500"	5.375"	B28BMP-R300
	4"	6.000"	6.000"	B28BMP-R400

<u>√</u>3\







	B
A	

Tube OD	Dimer A	nsions B	316L Stainless Steel Part #
1"	3.000"	2.500"	B2WUMP-R100
1½"	4.500"	3.500"	B2WUMP-R150
2"	6.000"	4.500"	B2WUMP-R200
3"	9.000"	6.500"	B2WUMP-R300
4"	12.000"	8.625"	B2WUMP-R400

Clamp End Protection Covers - *BCC*

180° Return Bends - B2WUMP

Feature:

• Use these covers to protect all clamp ends on fittings, valves, filters and pumps.



Size	<i>Vinyl Plastic</i> Part #	
1/2" 3/4" 1" 11/2" 2" 21/2" 3"	BCC-050 BCC-075 BCC-100 BCC-150 BCC-200 BCC-250 BCC-300	
4" 6" 8"	BCC-400 BCC-600 BCC-800	

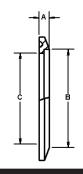
Quick Weld Ferrules

Features:

- 304 stainless construction
- just slip onto sanitary OD tube and weld
- · no need to butt weld

Tube		imension	ıs	304 Stainless Steel
OD	Α	В	С	Part #
1"	.290"	1.005"	.870"	14QMP-G100
1½"	.199"	1.505"	1.370"	14QMP-G150
2"	.205"	2.005"	1.870"	14QMP-G200
21/2"	.210"	2.505"	2.370"	14QMP-G250
3"	.216"	3.005"	2.870"	14QMP-G300
4"	.235"	4.005"	3.834"	14QMP-G400
6"	.321"	6.005"	5.782"	14QMP-G600





anitary ittings

Breakaway Coupling - Clamp

Application:

· minimizes spillage and damage associated with pull away and drive away incidents

Materials:

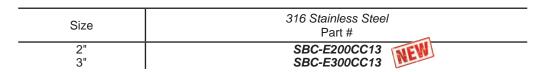
- 316 stainless steel polished to standard <32R_a, 3A finish
- clamp gasket: EPDM standard, optional material available

Features:

- designed to be installed between a fixed point and a hose
- 13kN break load bolts standard, other break loads available
- · coupling breaks away with an excessive load
- other sizes/connection available

Specification:

• working pressure: 350 PSI @ 70°F (21°C)





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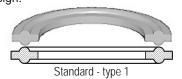
Clamp Gaskets

Feature:

• Gasket material approved by (3A), USDA and complies with FDA's 21CFR177.2600 and 1550. PSI Service Ratings for the sanitary clamps DO NOT APPLY to connections (1" and above) using any PTFE gaskets, due to the potential for cold flow under normal operating conditions. PTFE gaskets, when used with any clamp, are likely to leak at pressures far below the published service ratings. This restriction does not apply to the fractionally sized ½" and ¾" connections, due to their recessed, fully contained design.











Buna-N - Black

Features:

- · color code: red dot
- meets 21CFR 177.2600







Type 1 - Standard and larger

Size	<i>Buna-N</i> Part #
1/2"	42MP-U50
3/4"	42MP-U75
1"	40MP-U100
1½"	40MP-U150
2"	40MP-U200
2½"	40MP-U250
3"	40MP-U300
4"	40MP-U400
5"	40MP-U500
6"	40MP-U600
8"	40MP-U800

Buna-N - White

Features:

- color code: red dot
- meets 21CFR 177.2600





Type 1 - Standard 1" and larger

Size	<i>Buna-N</i> Part #
1/2"	42MP-UW50
3/4"	42MP-UW75
1"	40MP-UW100
11/2"	40MP-UW150
2"	40MP-UW200
21/5"	40MP-UW250
3"	40MP-UW300
4"	40MP-UW400
6"	40MP-UW600

EPDM - Black

Features:

- · color code: three green dots
- peroxide cured
- meets 21CFR 177.2600
- passed USP Class VI Cytotoxicity testing









Size	EPDM Part #
1/2"	42MP-E50
3/4"	42MP-E75
1"	40MP-E100
1½"	40MP-E150
2"	40MP-E200
2½"	40MP-E250
3"	40MP-E300
4"	40MP-E400
6"	40MP-E600

Visit dixonvalve.com for sizing charts

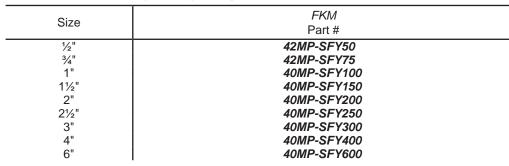
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Clamp Gaskets

FKM - Black

Features:

- · color code: one white dot, one yellow dot
- peroxide cured
- meets 21CFR 177.2600
- · passed USP Class VI Cytotoxicity testing









Silicone - White

Features:

- · color code: pink dot
- · peroxide cured
- meets 21CFR 177.2600
- · passed USP Class VI Cytotoxicity testing

Size	Silicone	
Size	Part #	
1/2"	42MP-XW50	
3/4"	42MP-XW75	
1"	40MP-XW100	
11/2"	40MP-XW150	
2"	40MP-XW200	
21/2"	40MP-XW250	
3"	40MP-XW300	
4"	40MP-XW400	
6"	40MP-XW600	



Type 1 - Standard



Type 1 - Standard 1" and larger

Silicone - Clear

Features:

- · color code: no dot
- · peroxide cured
- meets 21CFR 177.2600

Size	Silicone Part #	
1/2"	42MP-XC50	
3/4"	42MP-XC75	
1"	40MP-XC100	
1½"	40MP-XC150	
2"	40MP-XC200	
2½"	40MP-XC250	
3"	40MP-XC300	
4"	40MP-XC400	



Type 1 - Standard 1/2" - 3/4"



Type 1 - Standard 1" and larger

Type 1 - Standard 1/2" - 3/4"

Type 1 - Standard 1" and larger

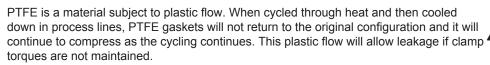
Clamp Gaskets

PTFE - White

Features:

- · color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps

Size	PTFE
	Part #
1/2"	42MP-G50
3/4"	42MP-G75
1"	40MP-G100
1½"	40MP-G150
2"	40MP-G200
2½"	40MP-G250
3"	40MP-G300
4"	40MP-G400
5"	40MP-G500
6"	40MP-G600
8"	40MP-G800
10"	40MP-G1000
12"	40MP-G1200





Buna-N Flanged - Black

Features:

- · color code: red dot
- meets 21CFR 177.2600
- · not recommended for use with bolted clamps



Type 2 - Flanged 1" and larger

Size	<i>Buna-N</i> Part #
1"	40MPF-U100
1½"	40MPF-U150
2"	40MPF-U200
2½"	40MPF-U250
3"	40MPF-U300
4"	40MPF-U400
6"	40MPF-U600
8"	40MPF-U800
10"	40MPF-U1000
12"	40MPF-U1200

Buna-N Flanged - White

Features:

- color code: red dot
- meets 21CFR 177.2600
- not recommended for use with bolted clamps



Type 2 - Flanged 1" and larger

Size	Buna-N Part #
1"	40MPF-UW100
1½"	40MPF-UW150
2"	40MPF-UW200
2½"	40MPF-UW250
3"	40MPF-UW300
4"	40MPF-UW400
6"	40MPF-UW600

Visit dixonvalve.com for sizing charts

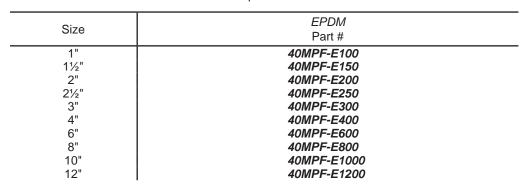
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Clamp Gaskets

EPDM Flanged - Black

Features:

- · color code: three green dots
- · peroxide cured
- meets 21CFR 177.2600
- · passed USP Class VI Cytotoxicity testing
- · not recommended for use with bolted clamps





Type 2 - Flanged 1" and larger

FKM Flanged - Black

Features:

- · color code: one white dot, one yellow dot
- · peroxide cured
- meets 21CFR 177.2600
- · passed USP Class VI Cytotoxicity testing
- · not recommended for use with bolted clamps

Size	FKM	
Size	Part #	
1"	40MPF-SFY100	
1½"	40MPF-SFY150	
2"	40MPF-SFY200	
2½"	40MPF-SFY250	
3"	40MPF-SFY300	
4"	40MPF-SFY400	
6"	40MPF-SFY600	
8"	40MPF-SFY800	
10"	40MPF-SFY1000	
12"	40MPF-SFY1200	



Type 2 - Flanged 1" and larger

Silicone Flanged - White

Features:

- · color code: pink dot
- peroxide cured
- meets 21CFR 177.2600
- · passed USP Class VI Cytotoxicity testing
- · not recommended for use with bolted clamps

Size	Silicone Part #	
1" 1½" 2" 2½" 3" 4" 6" 8" 10"	40MPF-XW100 40MPF-XW150 40MPF-XW200 40MPF-XW350 40MPF-XW400 40MPF-XW600 40MPF-XW800 40MPF-XW1000 40MPF-XW1200	



Type 2 - Flanged 1" and larger

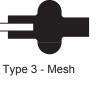
Visit dixonvalve.com for sizing charts

Clamp Gaskets

Buna-N Mesh Screen, 316

Features:

- · color code: red dot
- meets 21CFR 177.2600
- 10 mesh standard, other mesh available-call for details



Size	Buna-N Part #
1"	40MPS-U100
1½"	40MPS-U150
2"	40MPS-U200
2½"	40MPS-U250
3"	40MPS-U300
4"	40MPS-U400

PTFE Envelope with EPDM Filler

Features:

- · color code: usually not marked
- peroxide cured EPDM
- meets 21CFR 177.1550
- · PTFE passed USP Class VI Cytotoxicity testing



Size	PTFE with EPDM Filler Part #
1½" 1" 1½" 2" 2½" 3" 4" 6"	42MP-GRE50 40MP-GRE100 40MP-GRE150 40MP-GRE200 40MP-GRE250 40MP-GRE300 40MP-GRE400 40MP-GRE600

PTFE Envelope with FKM Filler

Features:

- color code: usually not marked
- peroxide cured FKM
- meets 21CFR 177.1550
- PTFE passed USP Class VI Cytotoxicity testing



Size	PTFE with FKM Filler Part #	
1"	40MP-GR100	
11/2"	40MP-GR150	
2"	40MP-GR200	
21/2"	40MP-GR250	
3"	40MP-GR300	
4"	40MP-GR400	
6"	40MP-GR600	

PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

Sanitar Fittings

Metal Detectable Clamp Gaskets

Materials:

 Metal detectable gaskets are impregnated with stainless steel particles. The addition of stainless steel allows a gasket or gasket pieces to be found with metal detection equipment.

Buna-N

Features:

- good general use where temperature extremes do not exist
- minimum temperature: -20°F (-29°C)
 maximum temperature: 212°F (100°C)

Size	<i>Buna-N</i> Part #	
1" 1½" 2" 2½" 3" 4"	40MP-UZ100 40MP-UZ150 40MP-UZ200 40MP-UZ250 40MP-UZ300 40MP-UZ400	



EPDM

Features:

- · resistant to steam, water and base solutions
- minimum temperature: -70°F (-57°C)
- maximum temperature: 310°F (154°C)

Size	EPDM
Size	Part #
1"	40MP-EZ100
1½"	40MP-EZ150
2"	40MP-EZ200
2½"	40MP-EZ250
3"	40MP-EZ300
4"	40MP-EZ400



Type 1 - Standard 1" and larger

FKM

Features:

- resistant to steam, heat and high acid solutions
- minimum temperature: -20°F (-29°C)
- maximum temperature: 410°F (410°C)

Size	<i>FKM</i> Part #
1" 1½" 2" 2½" 3" 4"	40MP-SFYZ100 40MP-SFYZ150 40MP-SFYZ200 40MP-SFYZ250 40MP-SFYZ300 40MP-SFYZ400



Type 1 - Standard 1" and larger

Cam and Groove Transition Fittings ¹

Adapter x Clamp End

Sanitary Fittings



Size	316 Stainless Steel Part #
1½"	RE150SE
2"	RE200SE
3"	RE300SE

Coupler x Clamp End



Size	316 Stainless Steel Part #
1½"	RC150SE
2"	RC200SE
3"	RC300SE

Dixon® Weld to Tube Cam and Groove 1

Features:

- designed to be welded to standard sanitary tubing
- 316 stainless steel investment casting

Adapter x Weld to Tube End



Size	316 Stainless Steel Part #
1" 1½" 2"	RE100BT RE150BT RE200BT
3"	RE300BT

Boss-Lock™ Coupler x Weld to Tube End



Size	316 Stainless Steel Part #
1" 1½"	RC100BT RC150BT
2"	RC200BT
3"	RC300BT

¹ for all other cam and groove options see pages 121-162

European Fittings - DIN

DIN 11851 Round Nuts - *13R*

Nominal	А	В	С	304 Stainless Steel
Size	(mm)	(mm)	(mm)	Part Number
1"	21.0	63.0	52 x ¹ / ₆	13R-G100DIN
1½"	21.0	78.0	65 x ¹ / ₆	13R-G150DIN
2"	22.0	92.0	78 x ¹ / ₆	13R-G200DIN
2½"	25.0	112.0	95 x ¹ / ₆	13R-G250DIN
3"	30.0	127.0	110 x ¹ / ₄	13R-G300DIN
4"	31.0	148.0	130 x ¹ / ₄	13R-G400DIN

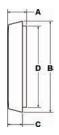




DIN Blank Caps - 16AMP

Nominal Size	A (mm)	B (mm)	C (mm)	D (mm)	316 Stainless Steel Part Number
1"	13.0	44.0	9.9	35.0	16AMP-R100DIN
1½"	13.0	56.0	9.9	48.0	16AMP-R150DIN
2"	14.0	68.0	10.9	61.0	16AMP-R200DIN
21/2"	16.0	86.0	11.9	79.0	16AMP-R250DIN
3"	16.0	100.0	11.9	93.0	16AMP-R300DIN
4"	20.1	120.0	15.0	114.0	16AMP-R400DIN

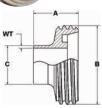




DIN Welding Males - 15A

Nomina	I WT	Α	В	С	316 Stainless Steel
Size	(mm)	(mm)	(mm)	(mm)	Part Number
1"	1.6	29.0	52 x ¹ / ₆	25.4	15A-R100DIN
1½"	1.6	33.0	65 x ¹ / ₆	38.1	15A-R150DIN
2"	1.7	35.0	78 x ¹ / ₆	51.0	15A-R200DIN
2½"	1.6	40.0	95 x ¹ / ₆	63.5	15A-R250DIN
3"	1.6	45.0	110 x ¹ / ₄	76.2	15A-R300DIN
4"	2.0	54.0	130 x ¹ / ₄	101.6	15A-R400DIN

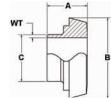




DIN Welding Liners - 14A

Nominal	WT	Α (******)	B (*****)	C	316 Stainless Steel
Size	(mm)	(mm)	(mm)	(mm)	Part Number
1"	1.6	22.0	44.0	25.4	14A-R100DIN
1½"	1.6	26.0	56.0	38.1	14A-R150DIN
2"	1.7	28.0	68.0	51.0	14A-R200DIN
2½"	1.6	32.0	86.0	63.5	14A-R250DIN
3"	1.6	37.0	100.0	76.2	14A-R300DIN
4"	2.0	44.0	121.0	101.6	14A-R400DIN

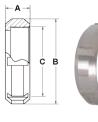




European Fittings - SMS

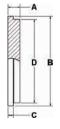
Round Nuts - 13R

sanitary ittings



_					
	Nominal	А	В	С	304 Stainless Steel
	Size	(mm)	(mm)	(mm)	Part Number
	1"	19.0	51.0	40 x ¹ / ₆	13R-G100SMS
	1½"	23.0	74.0	60 x ¹ / ₆	13R-G150SMS
	2"	24.0	84.0	70 x ¹ / ₆	13R-G200SMS
	21/2"	28.0	100.0	85 x ¹ / ₆	13R-G250SMS
	3"	30.0	114.0	98 x ¹ / ₆	13R-G300SMS
	4"	31.0	138.0	125 x ¹ / ₄	13R-G400SMS
	•				

Blank Caps - 16AMP





	Nominal	Α	В	С	D	316 Stainless Steel
	Size	(mm)	(mm)	(mm)	(mm)	Part Number
_	1"	7.5	35.5	3.6	32.0	16AMP-R100SMS
	1½"	8.0	55.0	4.1	47.9	16AMP-R150SMS
	2"	9.0	65.0	4.1	60.4	16AMP-R200SMS
	2½"	9.0	80.0	4.1	73.5	16AMP-R250SMS
	3"	11.0	93.0	5.1	86.5	16AMP-R300SMS
	4"	11.0	118.0	5.8	112.5	16AMP-R400SMS

WT

Welding Males - 15A

Nominal	WT	Α	В	С	316 Stainless Steel
Size	(mm)	(mm)	(mm)	(mm)	Part Number
1"	1.25	19.0	40 x ¹ / ₆	25.0	15A-R100SMS
1½"	1.25	23.0	60 x ¹ / ₆	38.0	15A-R150SMS
2"	1.25	23.0	70 x ¹ / ₆	51.0	15A-R200SMS
2½"	1.50	27.0	85 x ¹ / ₆	63.5	15A-R250SMS
3"	1.60	27.0	98 x ¹ / ₆	76.1	15A-R300SMS
4"	2.00	30.0	125 x ¹ / ₄	101.6	15A-R400SMS

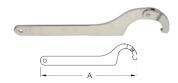




Welding Liners - 14A

Nominal	WT	Α	В	С	316 Stainless Steel
Size	(mm)	(mm)	(mm)	(mm)	Part Number
1"	1.25	15.5	35.5	25.0	14A-R100SMS
1½"	1.25	16.0	55.0	38.0	14A-R150SMS
2"	1.25	17.0	65.0	51.0	14A-R200SMS
2½"	1.50	17.0	80.0	63.5	14A-R250SMS
3"	1.60	19.0	93.0	76.1	14A-R300SMS
4"	2.00	19.0	118.0	101.6	14A-R400SMS

DIN and SMS Spanner Wrenches - SP



Used On	А	Nickel Plated Steel
Nominal Size	(mm)	Part Number
1" - 1½"	247.7	DIN-SMS-60/90SP
2" - 4"	330.2	DIN-SMS90/155SP

Manufactured in accordance to Swedish Milk Standard ISO 2037 and ISO 2851

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European Fittings - RJT BS: 4825

Hex Nuts - 13H

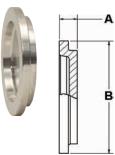
A	В	304 Stainless Steel
(mm)	(mm)	Part Number
22.2	50.80	13H-G100RJT
22.2	65.02	13H-G150RJT
22.2	79.25	13H-G200RJT
22.2	91.95	13H-G250RJT
22.2	104.65	13H-G300RJT
22.2	130.05	13H-G400RJT
	(mm) 22.2 22.2 22.2 22.2 22.2 22.2	(mm) (mm) 22.2 50.80 22.2 65.02 22.2 79.25 22.2 91.95 22.2 104.65



Sanitary Fittings

Blank Caps - 13RBN

Nominal	А	В	304 Stainless Steel
Size	(mm)	(mm)	Part Number
1"	8.2	41.3	13RBN-G100RJT
1½"	8.2	54.0	13RBN-G150RJT
2"	8.2	66.7	13RBN-G200RJT
2½"	8.2	79.4	13RBN-G250RJT
3"	8.2	92.1	13RBN-G300RJT
4"	8.2	117.5	13RBN-G400RJT



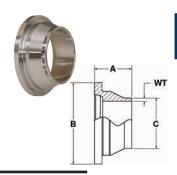
Welding Males - 15A

Nominal	WT	Α	В	С	316 Stainless Steel
Size	(mm)	(mm)	(mm)	(mm)	Part Number
1"	1.73	27.0	45.72 x ¹ / ₈	25.65	15A-R100RJT
1½"	1.73	27.0	58.42 x ¹ / ₈	38.35	15A-R150RJT
2"	1.73	27.0	72.72 x ¹ / ₆	51.05	15A-R200RJT
21/2"	1.73	27.0	85.42 x ¹ / ₆	63.75	15A-R250RJT
3"	1.73	27.0	98.12 x ¹ / ₆	76.45	15A-R300RJT
4"	2.13	27.0	123.52 x ¹ / ₆	101.85	15A-R400RJT



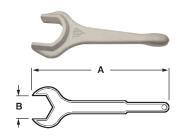
Welding Liners - 14A

		1	i	i	i
Nominal	WT	Α	В	C	316 Stainless Steel
Size	(mm)	(mm)	(mm)	(mm)	Part Number
1"	1.73	19.5	41.3	25.65	14A-R100RJT
1½"	1.73	19.5	54.0	38.35	14A-R150RJT
2"	1.73	19.5	66.7	51.05	14A-R200RJT
2½"	1.73	19.5	79.4	63.75	14A-R250RJT
3"	1.73	19.5	92.1	76.45	14A-R300RJT
4"	2.13	19.5	117.5	101.85	14A-R400RJT



Spanner Wrenches - SP

Size	A	В	Aluminum
GIZE	(mm)	(mm)	Part Number
1"	254.00	50.80	RJT-100SP
1½"	292.10	65.02	RJT-150SP
2"	304.80	79.25	RJT-200SP
2½"	342.80	91.95	RJT-250SP
3"	368.30	104.65	RJT-300SP
4"	444.50	130.05	RJT-400SP



Manufactured in accordance to BS 4825

European Fittings - Gaskets

DIN Buna-N - Black

Feature:

• color code: red dot

Approval:

• meets 21CFR 177.2600

Nominal Size	ID (mm)	OD (mm)	DIN 11851 Part Number
1"	29.97	39.88	40MP-U100DIN
1½"	41.91	52.07	40MP-U150DIN
2"	54.10	64.01	40MP-U200DIN
2½"	71.12	81.03	40MP-U250DIN
3"	85.09	95.00	40MP-U300DIN
4"	103.89	114.05	40MP-U400DIN

SMS Buna-N - Black

Feature:

· color code: red dot

Approval:

• meets 21CFR 177.2600

Ν	lominal Size	ID (mm)	OD (mm)	L Style Part Number
	1"	24.89	32.00	40MP-U100SMS
	1½"	37.49	48.00	40MP-U150SMS
	2"	50.80	61.00	40MP-U200SMS
	21/2"	63.50	73.40	40MP-U250SMS
	3"	75.95	86.10	40MP-U300SMS
	4"	103.89	114.00	40MP-U400SMS

RJT Buna-N - Black

Feature:

· color code: red dot

Approval:

• meets 21CFR 177.2600

Nominal Size	ID (mm)	OD (mm)	Part Number
1"	26.92	6.35	40MP-U100RJT
1½"	39.62	6.35	40MP-U150RJT
2"	52.32	6.35	40MP-U200RJT
2½"	65.08	6.35	40MP-U250RJT
3"	77.72	6.35	40MP-U300RJT
4"	103.12	6.35	40MP-U400RJT





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Bevel Seat Nuts - 13H

Feature:

• maximum operating pressure: 400 PSI

Tube	Dime	nsions	304 Stainless Steel (CF8)
OD	Α	В	Part #
1"	.906"	1.812"	13H-G100
1½"	.968"	2.406"	13H-G150
2"	1.062"	3.000"	13H-G200
21/2"	1.187"	3.594"	13H-G250
3"	1.281"	4.188"	13H-G300
4"	1.500"	5.438"	13H-G400

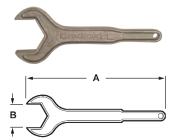




Bevel Seat Wrenches

Single Sided Hex - 25H

Tube	Dimer	nsions	Aluminum
OD	А	В	Part #
1"	10.500"	1.812"	25H-100
1½"	12.000"	2.406"	25H-150
2"	14.000"	3.000"	25H-200
21/2"	16.250"	3.594"	25H-250
3"	18.500"	4.188"	25H-300
4"	19.500"	5.438"	25H-400



Two Sided Hex - 25H

Tube	Dimensions			Aluminum
OD	Α	В	С	Part #
1½" x 1"	12.000"	2.406"	1.812"	25H-150100
2" x 1½"	14.000"	3.000"	2.406"	25H-200150
2½" x 2"	16.500"	3.594"	3.000"	25H-250200
3" x 2"	18.000"	4.188"	3.000"	25H-300200
3" x 21/2"	18.000"	4.188"	3.594"	25H-300250





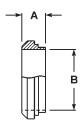
Bevel Seat Ferrules



Short Plain Weld - 14PRF





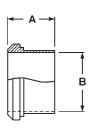


Tube	Dimer	nsions	304 Stainless Steel
OD	А	В	Part #
1"	.718"	.870"	14PRF-G100
1½"	.718"	1.370"	14PRF-G150
2"	.750"	1.870"	14PRF-G200
21/2"	.875"	2.370"	14PRF-G250
3"	.906"	2.870"	14PRF-G300
4"	1.031"	3.834"	14PRF-G400



Long Plain Weld - 14A



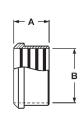


	Tube	Dimer	nsions	304 Stainless Steel
	OD	А	В	Part #
_	1"	1.375"	.870"	14A-G100
	1½"	1.500"	1.370"	14A-G150
	2"	1.500"	1.870"	14A-G200
	2½"	1.750"	2.370"	14A-G250
	3"	1.750"	2.870"	14A-G300
	4"	1.750"	3.834"	14A-G400



Recessless Plain for Expanding - 14R





Tube	Dimer	nsions	304 Stainless Steel
OD	А	В	Part #
1½"	1.125"	1.505"	14R-G150
2"	1.312"	2.005"	14R-G200
21/2"	1.375"	2.505"	14R-G250
3"	1.437"	3.005"	14R-G300
4"	1.500"	4.005"	14R-G400

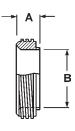
Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

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Short Threaded Weld - 15TRF





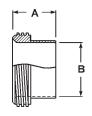
Tube	Dimer	nsions	304 Stainless Steel Part # 15TRF-G100 15TRF-G150 15TRF-G200
OD	А	В	
1"	.718"	.870"	15TRF-G100
11/2"	.718"	1.370"	15TRF-G150
2"	.750"	1.870"	15TRF-G200
21/2"	.875"	2.370"	15TRF-G250
3"	.906"	2.870"	15TRF-G300
4"	1.031"	3.834"	15TRF-G400

Bevel Seat Ferrules

Long Threaded Weld - 15A



Tube	Dimer	nsions	304 Stainless Steel
OD	А	В	Part #
1"	1.375"	.870"	15A-G100
1½"	1.500"	1.370"	15A-G150
2"	1.500"	1.870"	15A-G200
21/2"	1.750"	2.370"	15A-G250
3"	1.750"	2.870"	15A-G300
4"	1.750"	3.834"	15A-G400

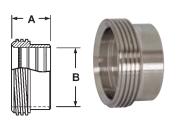




Recessless Threaded for Expanding - 15R



Tube	Dimer	nsions	304 Stainless Steel
OD	А	В	Part #
1	.812"	1.005"	15R-G100
1½"	1.125"	1.505"	15R-G150
2"	1.375"	2.005"	15R-G200
21/2"	1.500"	2.505"	15R-G250
3"	1.625"	3.005"	15R-G300
4"	1.675"	4.005"	15R-G400



Meets 3-A Standard Number 63-03 when used to modify or repair existing on-site farm milk handling systems.

Bevel Seat End Caps

Plain Solid - 16A



Tube OD	Dimension A	304 Stainless Steel Part #
1"	1.312"	16A-G100
1½"	1.843"	16A-G150
2"	2.375"	16A-G200
2½"	2.906"	16A-G250
3"	3.437"	16A-G300
4"	4.500"	16A-G400



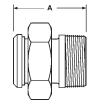




Bevel Seat Adapters

Plain x Male NPT with Hex Nut - 14-19

Tube OD	Dimension A	304 Stainless Steel Part #
1½"	3.250"	14-19-G150
2"	3.312"	14-19-G200
3"	4.250"	14-19-G300





Bevel Seat Elbows 90° Threaded x Plain with Hex Nut - B2F



Tube	Dimension	304 Stail
OD	A	Pa
41/11	2.060"	Dat

304 Stainless Steel	Dimension	lube
Part #	Α	OD
B2F-G150	2.968"	1½"
B2F-G200	3.750"	2"
B2F-G250	4.625"	2½"
B2F-G300	5.406"	3"

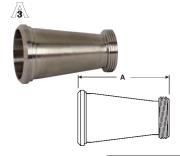
90° Plain x Plain with Hex Nut - B2E



Tube OD	Dimension A	304 Stainless Steel Part #
1½"	2.968"	B2E-G150
2"	3.750"	B2E-G200
2½"	4.625"	B2E-G250
3"	5.406"	B2E-G300

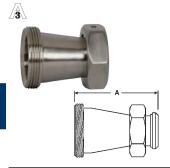
Bevel Seat Reducers

Plain x Threaded Concentric - B3115F



Tube OD	Dimension A	304 Stainless Steel Part #
2" x 1½"	3.468"	B3115F-G200150
2½" x 2"	3.625"	B3115F-G250200
3" x 2"	5.656"	B3115F-G300200
3" x 2½"	3.781"	B3115F-G300250
4" x 3"	5.937"	B3115F-G400300

Threaded x Plain with Hex Nut Concentric - B31TP



Tube OD	Dimension A	304 Stainless Steel Part #
2" x 1½"	3.468"	B31TP-G200150
2½" x 2"	3.625"	B31TP-G250200
3" x 2"	5.656"	B31TP-G300200
3" x 2½"	3.781"	B31TP-G300250
4" x 3"	5.937"	B31TP-G400300

Breakaway Coupling - Bevel Seat

Application:

- · minimizes spillage and damage associated with pull away and drive away incidents Materials:
- 316 stainless steel polished to standard <32R_a, 3A finish
- clamp gasket: EPDM standard, optional material available

Features:

- designed to be installed between a fixed point and a hose
- 13kN break load bolts standard, other break loads available
- coupling breaks away with an excessive load
- other sizes / connections available

Specification:

• working pressure: 350 PSI @ 70°F (21°C)

Size	316 Stainless Steel Part #
2" 3"	SBC-E200TP13





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Bevel Seat Gaskets

Buna-N - Black

Features:

- · color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #
1"	40BS-O100
1½"	40BS-O150
2"	40BS-O200
2½"	40BS-O250
3"	40BS-O300
4"	40BS-O400



Sanitary Fittings

PTFE - White

Features:

- · color code: no dot
- meets 21CFR 177.1550
- · passed USP Class VI Cytotoxicity testing

<i>PTFE</i> Part #
40BS-S100
40BS-S150
40BS-S200
40BS-S250
40BS-S300 40BS-S400



Heavy PTFE - White

Features:

- · color code: no dot
- meets 21CFR 177.1550
- · passed USP Class VI Cytotoxicity testing

Size	PTFE
	Part #
1"	40BS-H100
1½"	40BS-H150
2"	40BS-H200
21/2"	40BS-H250
3"	40BS-H300
4"	40BS-H400



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PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.



I-line / Q-line Clamps

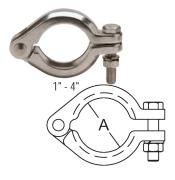
Heavy Duty - 13/LH



Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	304 Stainless Steel Part #
1" - 1½"	700	250	2.122"	13ILH100-150
2"	450	250	2.654"	13ILH200
21/2"	450	200	3.185"	13ILH250
3"	350	150	3.717"	13ILH300
4"	200	125	4.820"	13ILH400
6"	150	100	7.689"	13ILH600
8"	125	75	9.689"	13ILH800

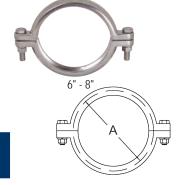
¹ wing nut tightened to 25 in. lbs. of torque

Bolted - 13ILB



Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	304 Stainless Steel Part #
1" - 1½"	1220	1100	2.122"	13ILB100-150
2"	900	830	2.654"	13ILB200
2½"	720	660	3.185"	13ILB250
3"	600	550	3.717"	13ILB300
4"	570	525	4.820"	13ILB400

¹ nut tightened to 20 ft. lbs. of torque



Tube OD	Service Pressure PSI Rating @ 70°F (21°C) 1	Service Pressure PSI Rating @ 250°F (121°C) 1	Dimension A	304 Stainless Steel Part #
6"	300	200	7.689"	13ILB600
8"	250	150	9.689"	13ILB800

¹ nut tightened to 20 ft. lbs. of torque

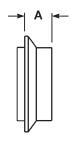
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I-Line - Ferrules

Male Short Weld - 14WI



Tube OD	Dimension A	304 Stainless Steel Part #	316L Stainless Steel Part #
1"	.600"	14WI-G100	14WI-R100
1½"	.765"	14WI-G150	14WI-R150
2"	.790"	14WI-G200	14WI-R200
21/2"	.848"	14WI-G250	14WI-R250
3"	.906"	14WI-G300	14WI-R300
4"	1.031"	14WI-G400	14WI-R400
6"	.940"		14WI-R600
8"	.940"		14WI-R800



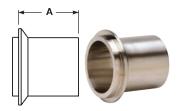


Sanıtary Fittings

Male Long Weld - 14WLI



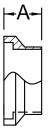
Tube OD	Dimension A	304 Stainless Steel Part #	316L Stainless Steel Part #
1"	1.562"	14WLI-G100	14WLI-R100
1½"	1.843"	14WLI-G150	14WLI-R150
2"	2.062"	14WLI-G200	14WLI-R200
2½"	2.188"	14WLI-G250	14WLI-R250
3"	2.375"	14WLI-G300	14WLI-R300
4"	2.688"	14WLI-G400	14WLI-R400
6"	2.688"		14WLI-R600



Female Short Weld - 15WI



Tube OD	Dimension A	304 Stainless Steel Part #	316L Stainless Steel Part #
1"	.785"	15WI-G100	15WI-R100
1½"	.950"	15WI-G150	15WI-R150
2"	1.040"	15WI-G200	15WI-R200
2½"	1.160"	15WI-G250	15WI-R250
3"	1.220"	15WI-G300	15WI-R300
4"	1.350"	15WI-G400	15WI-R400
6"	1.125"		15WI-R600
8"	1.125"		15WI-R800



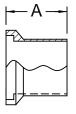


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Female Long Weld - 15WLI



Tube OD	Dimension A	304 Stainless Steel Part #	316L Stainless Steel Part #
1"	1.750"	15WLI-G100	15WLI-R100
1½"	2.031"	15WLI-G150	15WLI-R150
2"	2.312"	15WLI-G200	15WLI-R200
21/2"	2.500"	15WLI-G250	15WLI-R250
3"	2.688"	15WLI-G300	15WLI-R300
4"	3.000"	15WLI-G400	15WLI-R400
6"	3.000"		15WLI-R600





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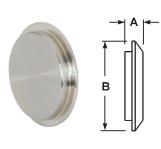


	Tube	D	imension	IS	304 Stainless Steel
	OD	Α	В	С	Part #
_	1"	.531"	.870"	1.000"	14WQ-G100
	1½"	.563"	1.370"	1.500"	14WQ-G150
	2"	.813"	1.870"	2.000"	14WQ-G200
	2½"	.938"	2.370"	2.500"	14WQ-G250
	3"	.938"	2.870"	3.000"	14WQ-G300
	4"	1.000"	3.834"	4.000"	14WQ-G400
				•	•

I-Line / Q-Line - End Caps

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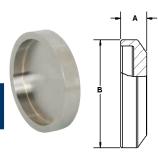
Male Solid - 16Al-14l



Tube	Dimer	nsions	304 Stainless Steel	316L Stainless Steel
OD	Α	В	Part #	Part #
1"	.500"	1.985"	16AI-14I100	16AI-14I100R
11/2"	.500"	1.985"	16AI-14I150	16AI-14I150R
2"	.562"	2.640"	16AI-14I200	16AI-14I200R
21/2"	.750"	3.307"	16AI-14I250	16AI-14I250R
3"	.750"	3.870"	16AI-14I300	16AI-14I300R
4"	.750"	4.870"	16AI-14I400	16AI-14I400R
6"	.750"	7.495"		16AI-14I600R
8"	.800"	9.495"		16AI-14I800R

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Female Solid - 16Al-15l

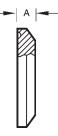


Tube	Dimer	nsions	304 Stainless Steel	316L Stainless Steel
OD	А	В	Part #	Part #
1"	.500"	1.985"	16AI-15I100	16AI-15I100R
1½"	.500"	1.985"	16AI-15I150	16AI-15I150R
2"	.562"	2.640"	16AI-15I200	16AI-15I200R
21/2"	.750"	3.307"	16AI-15I250	16AI-15I250R
3"	.750"	3.870"	16AI-15I300	16AI-15I300R
4"	.765"	4.870"	16AI-15I400	16AI-15I400R
6"	.869"	7.495"		16AI-15I600R
8"	.800"	9.495"		16AI-15I800R



Solid - 16AQ





Tube OD	Dimension A	304 Stainless Steel Part #
1"	.313"	16AQ-G100
1½"	.313"	16AQ-G150
2"	.438"	16AQ-G200
2½"	.500"	16AQ-G250
3"	.500"	16AQ-G300
4"	.625"	16AQ-G400

I-line Gaskets

3/32" Buna-N - Black

Features:

- · color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #
1"	40IH100
1½"	40IH150
2"	40IH200
2½"	40IH250
3"	40IH300
4"	40IH400
6"	40IH600
8"	40IH800



1/16" PTFE - White

Features:

- · color code: no dot
- meets 21CFR 177.1550
- · passed USP class VI cytotoxicity testing

Size	PTFE
	Part #
1"	40IT100
1½"	40IT150
2"	40IT200
2½"	40IT250
3"	40IT300
4"	40IT400
6"	40IT600
8"	40IT800



PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.



3/32" EPDM - White

Features:

- color code: three green dots
- meets 21CFR 177.2600
- · passed USP class VI cytotoxicity testing
- peroxide cured

Size	EPDM Part #
1"	40IE100
1½"	40IE150
2"	40IE200
2½"	40IE250
3"	40IE300
4"	40IE400
6"	40IE600
8"	40IE800

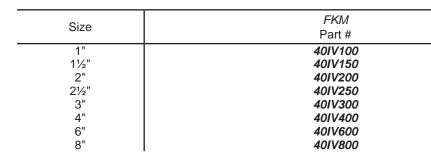


I-line Gaskets

1/16" FKM - Black

Features:

- · color code: one white dot, one yellow dot
- meets 21CFR 177.1550
- · passed USP Class VI Cytotoxicity testing
- peroxide cured





Q-line Gaskets

Buna-N - Black

Features:

- color code: red dot
- meets 21CFR 177.2600



Sizo	Buna-N	
Size	Part #	
1"	40QH100	
1½"	40QH150	
2"	40QH200	
21/2"	40QH250	
3"	40QH300	
4"	40QH400	

PTFE - White

Features:

- · color code: no dot
- meets 21CFR 177.1550
- · passed USP Class VI Cytotoxicity testing



C:	PTFE
Size	Part #
1"	40QT100
1½"	40QT150
2"	40QT200
2½"	40QT250
3"	40QT300
4"	40QT400

PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.





Pipe Size Clamps

Schedule 5S and 10S Single Pin Heavy Duty - 13MHHV

Pipe Size	Service Pressure PSI Rating @ 70°F (21°C) 1	Dimension A	304 Stainless Steel Part #
1"	500	2.122"	13MHHV100
1½"	450	2.654"	13MHHV150
2"	400	3.185"	13MHHV200
2½"	350	3.717"	13MHHV250
3"	250	4.263"	13MHHV300
4"	150	5.263"	13MHHV400
6"	100	7.500"	13MHHV600



Bolted - 13MHPV400

Pipe Size	Service Pressure PSI Rating @ 70°F (21°C) 1	Dimension A	304 Stainless Steel Part #
4"	400	5.187"	13MHPV400

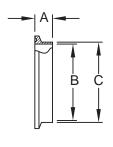
¹ nut tightened to 20 ft. lbs. of torque

[•] For additional information on pipe dimensions please reference dixonvalve.com.



Schedule 5S Short Weld - 14WMV

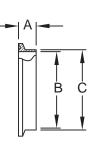
Pipe	Dimensions			316L Stainless Steel	
Size	А	В	С	Part #	
1"	.500"	1.185"	1.315"	14WMV-R100	
1½"	.500"	1.770"	1.900"	14WMV-R150	
2"	.500"	2.245"	2.375"	14WMV-R200	
21/2"	.500"	2.709"	2.875"	14WMV-R250	
3"	.500"	3.334"	3.500"	14WMV-R300	
4"	.625"	4.334"	4.500"	14WMV-R400	
6"	.875"	6.407"	6.625"	14WMV-R600	
1½" 2" 2½" 3" 4"	.500" .500" .500" .500" .625"	1.770" 2.245" 2.709" 3.334" 4.334"	1.900" 2.375" 2.875" 3.500" 4.500"	14WMV-R150 14WMV-R200 14WMV-R250 14WMV-R300 14WMV-R400	





Schedule 10S Short Weld - 14WMX

Pipe	Dimensions			316L Stainless Steel
Size	Α	В	С	Part #
1"	.500"	1.097"	1.315"	14WMX-R100
1½"	.500"	1.682"	1.900"	14WMX-R150
2"	.500"	2.157"	2.375"	14WMX-R200
21/2"	.500"	2.635"	2.875"	14WMX-R250
3"	.500"	3.260"	3.500"	14WMX-R300
4"	.625"	4.260"	4.500"	14WMX-R400
6"	.875"	6.350"	6.625"	14WMX-R600





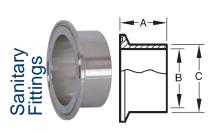
• For additional information on pipe dimensions please reference dixonvalve.com.

¹ wing nut tightened to 25 in. lbs. of torque

Pipe Size Ferrules



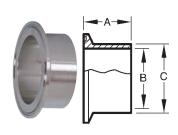
Schedule 5S Long Weld - L14AM7V



Pipe		imension	ıs	316L Stainless Steel
Size	Α	В	С	Part #
1"	1.125"	1.185"	1.315"	L14AM7V-R100
1½"	1.125"	1.770"	1.900"	L14AM7V-R150
2"	1.125"	2.245"	2.375"	L14AM7V-R200
21/2"	1.125"	2.709"	2.875"	L14AM7V-R250
3"	1.125"	3.334"	3.500"	L14AM7V-R300
4"	1.125"	4.334"	4.500"	L14AM7V-R400



Schedule 10S Long Weld - L14AM7X



Pipe	Dimensions			316L Stainless Steel
Size	Α	В	С	Part #
1"	1.125"	1.097"	1.315"	L14AM7X-R100
1½"	1.125"	1.682"	1.900"	L14AM7X-R150
2"	1.125"	2.157"	2.375"	L14AM7X-R200
21/2"	1.125"	2.635"	2.875"	L14AM7X-R250
3"	1.125"	3.260"	3.500"	L14AM7X-R300
4"	1.125"	4.260"	4.500"	L14AM7X-R400

· For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Size End Caps



Schedule 5S and 10S Solid - 16AMV



	Pipe Size	Dimer	nsions	304 Stainless Steel	316L Stainless Steel Part #	
-	ripe Size	Α	В	Part #		
	1"	.250"	1.984"	16AMV-G100	16AMV-R100	
	1½"	.250"	2.516"	16AMV-G150	16AMV-R150	
	2"	.250"	3.047"	16AMV-G200	16AMV-R200	
	21/2"	.250"	3.579"	16AMV-G250	16AMV-R250	
	3"	.312"	4.125"	16AMV-G300	16AMV-R300	
	4"	.312"	5.125"	16AMV-G400	16AMV-R400	

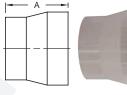
- Specify if you are using a piping system or a tubing system when ordering.For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Size Adapters

Tube OD Weld x Schedule 5S Weld - B19WV



Pipe Size	Dimension A	Tube Wall Thickness	Pipe Wall Thickness	316L Stainless Steel Part #
1"	2.000"	.065"	.065"	B19WV-R100
1½"	2.500"	.065"	.065"	B19WV-R150
2"	2.500"	.065"	.065"	B19WV-R200
21/2"	2.500"	.065"	.084"	B19WV-R250
3"	2.500"	.065"	.084"	B19WV-R300
4"	3.000"	.084"	.084"	B19WV-R400





Tube OD Weld x Schedule 10S Weld - B19WX



Pipe Size	Dimension A	Tube Wall Thickness	Pipe Wall Thickness	316L Stainless Steel Part #
1"	2.000"	.065"	.109"	B19WX-R100
1½"	2.500"	.065"	.109"	B19WX-R150
2"	2.500"	.065"	.109"	B19WX-R200
2½"	2.500"	.065"	.120"	B19WX-R250
3"	2.500"	.065"	.120"	B19WX-R300
4"	3.000"	.084"	.120"	B19WX-R400

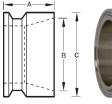




Clamp x Schedule 10S Weld - B19MPX



Pipe	1	Dimensions	3	Pipe Wall	316L Stainless Steel
Size	Α	В	С	Thickness	Part #
1"	1.125"	1.097"	1.315"	.109"	B19MPX-R100
1½"	1.125"	1.682"	1.900"	.109"	B19MPX-R150
2"	1.125"	2.157"	2.375"	.109"	B19MPX-R200
21/2"	1.125"	2.635"	2.875"	.120"	B19MPX-R250
3"	1.125"	3.260"	3.500"	.120"	B19MPX-R300
4"	1.125"	4.260"	4.500"	.120"	B19MPX-R400





• For additional information on pipe dimensions please reference dixonvalve.com.

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Pipe Size Hangers

Hex with Rubber Grommets - B24RV1

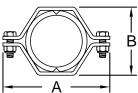


Dina Cina	Dimer	nsions	304 Stainless Steel		
Pipe Size	А	В	Part #		
1"	3.7"	2.2"	B24RV-G100		
1½"	4.4"	2.8"	B24RV-G150		
2"	5.0"	3.3"	B24RV-G200		
21/2"	5.6"	3.7"	B24RV-G250		
3"	6.1"	4.3"	B24RV-G300		
4"	7.6"	5.0"	B24RV-G400		
6"	9.8"	7.2"	B24RV-G600		
	-	-			

¹ for coupler options call Dixon®

Hex with Polypropylene Sleeves - B24PV1





Dina Cina	Dimer	nsions	304 Stainless Steel
Pipe Size	А	В	Part #
1"	3.750"	2.125"	B24PV-G100
11/2"	4.312"	2.625"	B24PV-G150
2"	5.000"	3.125"	B24PV-G200
21/2"	5.625"	3.785"	B24PV-G250
3"	6.000"	4.250"	B24PV-G300
4"	7.500"	5.127"	B24PV-G400
6"	9.750"	7.375"	B24PV-G600

¹ for coupler options call Dixon®

Sleeves - 13PV





Size	Polypropylene Part #	
1" 1½" 2" 2½" 3" 4" 6"	13PV-100 13PV-150 13PV-200 13PV-250 13PV-300 13PV-400 13PV-600	

• For additional information on pipe dimensions please reference dixonvalve.com.

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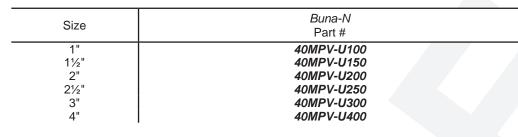
Schedule 5S and 10S Pipe Gaskets

Buna-N - 40MPV-U, Black

Features:

color code: red dot

• meets 21CFR 177.2600







PTFE - 40MPV-G, White

Features:

- · color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps



DTEE
Size PTFE
Part #
1" 40MPV-G100
1½" 40MPV-G150
2" 40MPV-G200
2½" 40MPV-G250
3" 40MPV-G300
4" 40MPV-G400

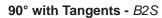


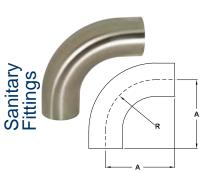
PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.



Polished Weld Elbows

3

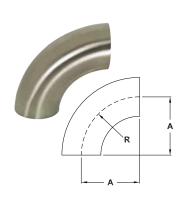




Tube	Dimer	nsions	Wall Thickness	Polished ID/OD	Polished ID/OD
OD	А	R		304 Stainless Steel Part #	316L Stainless Steel Part #
1/2"	3.000"	1.125"	.065"		B2S-R50P
3/4"	3.000"	1.125"	.065"		B2S-R75P
1"	2.062"	1.500"	.065"	B2S-G100P	B2S-R100P
11/2"	2.937"	2.250"	.065"	B2S-G150P	B2S-R150P
2"	4.062"	3.000"	.065"	B2S-G200P	B2S-R200P
21/2"	5.187"	3.750"	.065"	B2S-G250P	B2S-R250P
3"	6.312"	4.500"	.065"	B2S-G300P	B2S-R300P
4"	8.312"	6.000"	.083"	B2S-G400P	B2S-R400P

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90° - B2WCL



Tube	Dime	nsions	Wall Thickness	Polished ID/OD 304 Stainless Steel	Polished ID/OD 316L Stainless Steel
OD	А	R		Part #	Part #
1/2"	1.125"	1.125"	.065"		B2WCL-R50P
3/4"	1.125"	1.125"	.065"		B2WCL-R75P
1"	1.500"	1.500"	.065"	B2WCL-G100P	B2WCL-R100P
1½"	2.250"	2.250"	.065"	B2WCL-G150P	B2WCL-R150P
2"	3.000"	3.000"	.065"	B2WCL-G200P	B2WCL-R200P
21/2"	3.750"	3.750"	.065"	B2WCL-G250P	B2WCL-R250P
3"	4.500"	4.500"	.065"	B2WCL-G300P	B2WCL-R300P
4"	6.000"	6.000"	.083"	B2WCL-G400P	B2WCL-R400P
6"	9.000"	9.000"	.109"	B2WCL-G600P	B2WCL-R600P
8"	12.000"	12.000"	.109"	B2WCL-G800P	B2WCL-R800P

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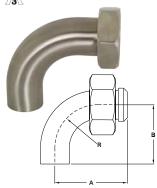
90° Clamp x Weld - B2CM



Tube OD	Di A	imensio B	ns R	Wall Thickness	Polished ID/OD 304 Stainless Steel Part #	Polished ID/OD 316L Stainless Steel Part #
1"	2 562"	2.062"	1.500"	.065"	B2CM-G100	B2CM-R100
•						
1½"	3.438"	2.937	2.250"	.065"	B2CM-G150	B2CM-R150
2"	4.562"	4.062"	3.000"	.065"	B2CM-G200	B2CM-R200
21/2"	5.688"	5.187"	3.750"	.065"	B2CM-G250	B2CM-R250
3"	6.812"	6.312"	4.500"	.065"	B2CM-G300	B2CM-R300
4"	8.937"	8.312"	6.000"	.083"	B2CM-G400	B2CM-R400



90° Plain Bevel Seat with Hex Nut x Weld - B2FP

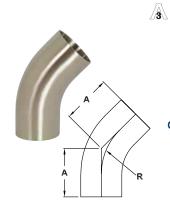


Tube	Di	mensio	ons Wall		Polished ID/OD 304 Stainless Steel
OD	А	В	R	Thickness	Part #
1½"	3.656"	2.937"	2.250"	.065"	B2FP-G150
2"	4.812"	4.062"	3.000"	.065"	B2FP-G200
21/2"	6.062"	5.187"	3.750"	.065"	B2FP-G250
3"	7.218"	6.312"	4.500"	.065"	B2FP-G300

Polished Weld Elbows

45° with Tangents - B2KS

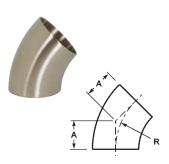
Tube OD	Dimer A	nsions R	Wall Thickness	Polished ID/OD 304 Stainless Steel Part #	Polished ID/OD 316L Stainless Steel Part #
3/4"	2.250"	1.125"	.065"		B2KS-R75P
1"	1.188"	1.500"	.065"	B2KS-G100P	B2KS-R100P
1½"	1.625"	2.250"	.065"	B2KS-G150P	B2KS-R150P
2"	2.312"	3.000"	.065"	B2KS-G200P	B2KS-R200P
21/2"	3.000"	3.750"	.065"	B2KS-G250P	B2KS-R250P
3"	3.688"	4.500"	.065"	B2KS-G300P	B2KS-R300P
4"	4.812"	6.000"	.083"	B2KS-G400P	B2KS-R400P



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45° - *B2WK*

Tube OD	Tube	Dime	nsions	Wall	Polished ID/OD	Polished ID/OD
	OD	А	R	Thickness	304 Stainless Steel Part #	316L Stainless Steel Part #
	1"	.62"	1.500"	.065"	B2WK-G100P	B2WK-R100P
	1½"	.94"	2.250"	.065"	B2WK-G150P	B2WK-R150P
	2"	1.25"	3.000"	.065"	B2WK-G200P	B2WK-R200P
	21/2"	1.56"	3.750"	.065"	B2WK-G250P	B2WK-R250P
	3"	1.87"	4.500"	.065"	B2WK-G300P	B2WK-R300P
	4"	2.50"	6.000"	.083"	B2WK-G400P	B2WK-R400P
	6"	3.73"	9.000"	.109"	B2WK-G600P	B2WK-R600P
	8"	4.97"	12.000"	.109"		B2WK-R800P



45° Clamp x Weld - B2KM

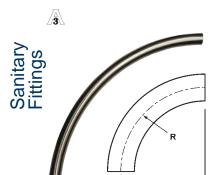
Tube OD	Dimensions A B R		Wall Thickness	Polished ID/OD 304 Stainless Steel Part #	Polished ID/OD 316L Stainless Steel Part #	
1"	1.188"	1.688"	1.500"	.065"	B2KM-G100	B2KM-R100
1½"	1.625"	2.125"	2.250"	.065"	B2KM-G150	B2KM-R150
2"	2.312"	2.812"	3.000"	.065"	B2KM-G200	B2KM-R200
21/2"	3.000"	3.500"	3.750"	.065"	B2KM-G250	B2KM-R250
3"	3.688"	4.188"	4.500"	.065"	B2KM-G300	B2KM-R300
4"	4.812"	5.437"	6.000"	.083"	B2KM-G400	B2KM-R400



Polished Weld Sweep Elbows

Feature:

• tangents, 45° and other radii elbows are available, call Dixon® for information

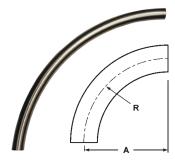


12" 90° - B2SXL

Tube OD	Dimer	nsions	316L Stainless Steel		
	А	R	Part #		
1½"	12.00"	12.00"	B2SXL12-R150		
2"	12.00"	12.00"	B2SXL12-R200		
3"	12.00"	12.00"	B2SXL12-R300		
4"	12.00"	12.00"	B2SXL12-R400		



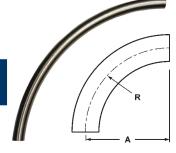
18" 90° - B2SXL



Tube OD	Dimer	nsions	316L Stainless Steel
	AR		Part #
1½"	18.00"	18.00"	B2SXL18-R150
2"	18.00"	18.00"	B2SXL18-R200
21/2"	18.00"	18.00"	B2SXL18-R250
3"	18.00"	18.00"	B2SXL18-R300
,			•



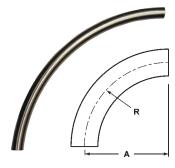
24" 90° - B2SXL



Tube OD	Dimer	nsions	316L Stainless Steel	
	Α	R	Part #	
	1½"	24.00"	24.00"	B2SXL24-R150
	2"	24.00"	24.00"	B2SXL24-R200
	21/2"	24.00"	24.00"	B2SXL24-R250
	3"	24.00"	24.00"	B2SXL24-R300



36" 90° - B2SXL

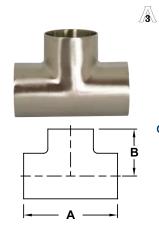


Tube OD	Dimer	nsions	316L Stainless Steel		
	Α	R	Part #		
3"	36.00"	36.00"	B2SXL36-R300		
4"	36.00"	36.00"	B2SXL36-R400		
		-			

Polished Weld Tees

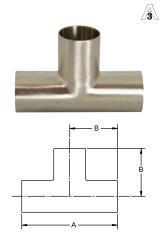
Short - B7WWW

Tube OD	Dimer A	nsions B	Wall Thickness	Polished ID/OD 304 Stainless Steel Part #	Polished ID/OD 316L Stainless Steel Part #
1"	2.250"	1.125"	.065"	B7WWW-G100P	B7WWW-R100P
1½"	3.312"	1.656"	.065"	B7WWW-G150P	B7WWW-R150P
2"	4.124"	2.062"	.065"	B7WWW-G200P	B7WWW-R200P
2½"	4.688"	2.344"	.065"	B7WWW-G250P	B7WWW-R250P
3"	5.188"	2.594"	.065"	B7WWW-G300P	B7WWW-R300P
4"	6.876"	3.438"	.083"	B7WWW-G400P	B7WWW-R400P



Long - B7W

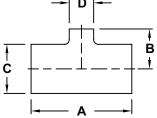
Tube	Dimer	nsions Wall		Polished ID/OD	Polished ID/OD
OD	Α	В	Thickness	304 Stainless Steel Part #	316L Stainless Steel Part #
				Fail #	Fail #
3/4"	4.000"	2.000"	.065"		B7W-R75P
1"	3.750"	1.875"	.065"	B7W-G100P	B7W-R100P
1½"	4.500"	2.250"	.065"	B7W-G150P	B7W-R150P
2"	6.000"	3.000"	.065"	B7W-G200P	B7W-R200P
2½"	6.000"	3.000"	.065"	B7W-G250P	B7W-R250P
3"	6.500"	3.250"	.065"	B7W-G300P	B7W-R300P
4"	7.750"	3.875"	.083"	B7W-G400P	B7W-R400P



Reducing - B7RWWW

Tube OD	А	Dimer B	nsions	D	Wall Thick.	Polished ID/OD 304 Stainless Steel Part #	Polished ID/OD 316L Stainless Steel Part #
1½" x 1"	3.312"	1.375"	1.500"	1.000"	.065"	B7RWWW-G150100P	B7RWWW-R150100P
2" x 1"	4.124"	1.625"	2.000"	1.000"	.065"	B7RWWW-G200100P	<i>B7RWWW-R200100P</i>
2" x 1½"	4.124"	1.906"	2.000"	1.500"	.065"	B7RWWW-G200150P	<i>B7RWWW-R200150P</i>
2½" x 1½"	4.688"	2.156"	2.500"	1.500"	.065"	B7RWWW-G250150P	B7RWWW-R250150P
2½" x 2"	4.688"	2.312"	2.500"	2.000"	.065"	B7RWWW-G250200P	B7RWWW-R250200P
3" x 1½"	5.188"	2.406"	3.000"	1.500"	.065"	B7RWWW-G300150P	B7RWWW-R300150P
3" x 2"	5.188"	2.562"	3.000"	2.000"	.065"	B7RWWW-G300200P	B7RWWW-R300200P
4" x 2"	6.876"	3.062"	4.000"	2.000"	.083"	B7RWWW-G400200P	B7RWWW-R400200P
4" x 3"	6.876"	3.094"	4.000"	3.000"	.083"	B7RWWW-G400300P	B7RWWW-R400300P



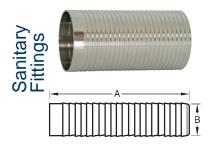


Weld Adapters

Long Hose - 14WHRL

Feature:

• suitable for use with band clamps



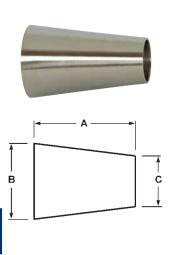
Tube OD	Dimer	nsions	Wall	316L Stainless Steel	
Tube OD	A B		Thickness	Part #	
1"	3.000"	1.030"	.116"	14WHRL-R100	
1½"	4.500"	1.530"	.116"	14WHRL-R150	
2"	4.500"	2.030"	.116"	14WHRL-R200	
2½"	5.000"	2.530"	.116"	14WHRL-R250	
3"	5.000"	3.030"	.116"	14WHRL-R300	
4"	4.875"	4.030"	.116"	14WHRL-R400	

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.



Polished Weld Reducers

Concentric - B31W

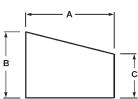


Tube OD	D A	imensio B	ns C	Wall Thickness	Polished ID/OD 304 Stainless Steel Part #	Polished ID/OD 316L Stainless Steel Part #
3/4" X 1/2"	1.000"	.750"	.500"	.065"		B31W-R7550P
1" x ½"	2.000"	1.000"	.500"	.065"		B31W-R10050P
1" x ¾"	1.000"	1.000"	.750"	.065"		B31W-R10075P
1½" x ¾"	3.000"	1.500"	.750"	.065"		B31W-R15075P
1½" x 1"	2.000"	1.500"	1.000"	.065"	B31W-G150100P	B31W-R150100P
2" x 1"	4.000"	2.000"	1.000"	.065"	B31W-G200100P	B31W-R200100P
2" x 1½"	2.000"	2.000"	1.500"	.065"	B31W-G200150P	B31W-R200150P
2½" x 1½"	4.000"	2.500"	1.500"	.065"	B31W-G250150P	B31W-R250150P
2½" x 2"	2.000"	2.500"	2.000"	.065"	B31W-G250200P	B31W-R250200P
3" x 1½"	6.000"	3.000"	1.500"	.065"	B31W-G300150P	B31W-R300150P
3" x 2"	4.000"	3.000"	2.000"	.065"	B31W-G300200P	B31W-R300200P
3" x 2½"	2.000"	3.000"	2.500"	.065"	B31W-G300250P	B31W-R300250P
4" x 2"	8.000"	4.000"	2.000"	.083"	B31W-G400200P	B31W-R400200P
4" x 2½"	6.000"	4.000"	2.500"	.083"	B31W-G400250P	B31W-R400250P
4" x 3"	4.000"	4.000"	3.000"	.083"	B31W-G400300P	B31W-R400300P
6" x 3"	5.500"	6.000"	3.000"	.109"	B31W-G600300P	B31W-R600300P
6" x 4"	5.500"	6.000"	4.000"	.109"	B31W-G600400P	B31W-R600400P



Eccentric - B32W



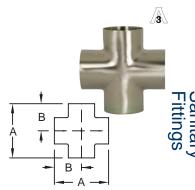


Tube	Di	imensio	ns	Wall	Polished ID/OD 304 Stainless Steel	Polished ID/OD 316L Stainless Steel
OD	А	В	С	Thickness	Part #	Part #
1" x ½"	2.000"	1.000"	.500"	.065"		B32W-R10050P
2" x 1"	4.000"	2.000"	1.000"	.065"	B32W-G200100P	B32W-R200100P
2" x 1½"	2.000"	2.000"	1.500"	.065"	B32W-G200150P	B32W-R200150P
2½" x 2"	2.000"	2.500"	2.000"	.065"	B32W-G250200P	B32W-R250200P
3" x 2"	4.000"	3.000"	2.000"	.065"	B32W-G300200P	B32W-R300200P
3" x 2½"	2.000"	3.000"	2.500"	.065"	B32W-G300250P	B32W-R300250P
4" x 2"	8.000"	4.000"	2.000"	.083"	B32W-G400200P	B32W-R400200P
4" x 3"	4.000"	4.000"	3.000"	.083"	B32W-G400300P	B32W-R400300P

Polished Weld Crosses

Crosses - B9WWWW

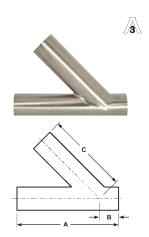
Tube	Dimer	nsions	Wall	Polished ID/OD 304 Stainless Steel	Polished ID/OD 316L Stainless Steel
OD	А	В	Thickness	Part #	Part #
1½"	3.312"	1.656"	.065"	B9WWWW-G150P	B9WWWW-R150P
2"	4.125"	2.062"	.065"	B9WWWW-G200P	B9WWWW-R200P
3"	5.187"	2.593"	.065"	B9WWWW-G300P	B9WWWW-R300P
4"	6.875"	3.437"	.083"	B9WWWW-G400P	B9WWWW-R400P



Miscellaneous Polished Weld Configurations

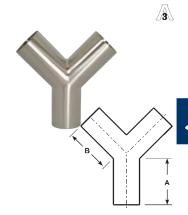
Laterals - B28WA

Tube OD	Dimensions A B R		Wall Thickness	Polished ID/OD 316L Stainless Steel Part #	
1"	6.000"	1.000"	5.000"	.065"	B28WA-R100P
1½"	7.375"	1.188"	6.188"	.065"	B28WA-R150P
2"	8.750"	1.625"	7.125"	.065"	B28WA-R200P
21/2"	10.000"	1.500"	8.500"	.065"	B28WA-R250P
3"	10.750"	1.875"	8.875"	.065"	B28WA-R300P
4"	12.812"	2.015"	10.750"	.083"	B28WA-R400P



True Wyes - B28W

Tube OD	Dimer	nsions	Wall	Polished ID/OD 316L Stainless Steel
	A B		Thickness	Part #
1"	2.000"	2.438"	.065"	B28W-R100P
1½"	2.000"	2.438"	.065"	B28W-R150P
2"	2.625"	3.250"	.065"	B28W-R200P
21/2"	3.370"	4.125"	.065"	B28W-R250P
3"	4.000"	4.875"	.065"	B28W-R300P
4"	5.375"	5.375"	.083"	B28W-R400P

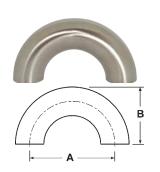


180° Return Bends - B2WUL

Feature:

• bends are standard 1.5 x tube diameter

T 1 0D	Dimer	nsions	Polished ID/OD		
Tube OD	А	В	316L Stainless Steel Part #		
1"	3.000"	2.000"	B2WUL-R100P		
1½"	4.500"	3.000"	B2WUL-R150P		
2"	6.000"	4.000"	B2WUL-R200P		
2½"	7.500"	5.000"	B2WUL-R250P		
3"	9.000"	6.000"	B2WUL-R300P		
4"	12.000"	8.000"	B2WUL-R400P		



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Weld End Blue Protection Covers - BCW

Feature:

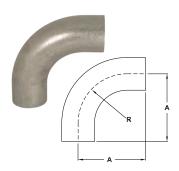
• Use these covers to protect all weld ends on fittings and valves.



Size	Vinyl Plastic Part #
 1/2"	BCW-050
3/4"	BCW-075
1"	BCW-100
1½"	BCW-150
2"	BCW-200
2½"	BCW-250
3"	BCW-300
4"	BCW-400
6"	BCW-600
8"	BCW-800

Unpolished Elbows

90° Weld with Tangents - B2S



Tube	Dimer	nsions I	Wall	Unpolished 304 Stainless Steel	Unpolished 316L Stainless Steel
OD	А	R	Thickness	Part #	Part #
3/4"	3.000"	1.125"	.065"		B2S-R75U
1"	2.062"	1.500"	.065"	B2S-G100U	B2S-R100U
1½"	2.937"	2.250"	.065"	B2S-G150U	B2S-R150U
2"	4.062"	3.000"	.065"	B2S-G200U	B2S-R200U
21/2"	5.187"	3.750"	.065"	B2S-G250U	B2S-R250U
3"	6.312"	4.500"	.065"	B2S-G300U	B2S-R300U
4"	8.312"	6.000"	.083"	B2S-G400U	B2S-R400U

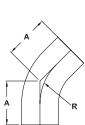
90° Weld - B2WCL



Tube OD	Dimer A	nsions R	Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
1/2"	1.125"	1.125"	.065"		B2WCL-R50U
3/4"	1.125"	1.125"	.065"		B2WCL-R75U
1"	1.500"	1.500"	.065"	B2WCL-G100U	B2WCL-R100U
1½"	2.250"	2.250"	.065"	B2WCL-G150U	B2WCL-R150U
2"	3.000"	3.000"	.065"	B2WCL-G200U	B2WCL-R200U
21/2"	3.750"	3.750"	.065"	B2WCL-G250U	B2WCL-R250U
3"	4.500"	4.500"	.065"	B2WCL-G300U	B2WCL-R300U
4"	6.000"	6.000"	.083"	B2WCL-G400U	B2WCL-R400U
6"	9.000"	9.000"	.109"	B2WCL-G600U	B2WCL-R600U
8"	12.000"	12.000"	.109"	B2WCL-G800U	B2WCL-R800U

45° Long Weld with Tangents - B2KS



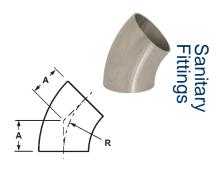


Tube OD	Dimer A	nsions R	Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
3/4"	2.250"	1.125"	.065"		B2KS-R75U
1"	1.188"	1.500"	.065"	B2KS-G100U	B2KS-R100U
1½"	1.625"	2.250"	.065"	B2KS-G150U	B2KS-R150U
2"	2.312"	3.000"	.065"	B2KS-G200U	B2KS-R200U
21/2"	3.000"	3.750"	.065"	B2KS-G250U	B2KS-R250U
3"	3.688"	4.500"	.065"	B2KS-G300U	B2KS-R300U
4"	4.812"	6.000"	.083"	B2KS-G400U	B2KS-R400U

Unpolished Elbows

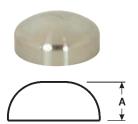
45° Weld - B2WK

Tube	Dimer	nsions I	Wall	Unpolished 304 Stainless Steel	Unpolished 316L Stainless Steel
OD	А	R	Thickness	Part #	Part #
3/4"	.466"	1.125"	.065"		B2WK-R75U
1"	.625"	1.500"	.065"	B2WK-G100U	B2WK-R100U
1½"	.937"	2.250"	.065"	B2WK-G150U	B2WK-R150U
2"	1.250"	3.000"	.065"	B2WK-G200U	B2WK-R200U
21/2"	1.562"	3.750"	.065"	B2WK-G250U	B2WK-R250U
3"	1.875"	4.500"	.065"	B2WK-G300U	B2WK-R300U
4"	2.500"	6.000"	.083"	B2WK-G400U	B2WK-R400U
6"	3.750"	9.000"	.109"	B2WK-G600U	B2WK-R600U
8"	5.000"	12.000"	.109"	B2WK-G800U	B2WK-R800U



Unpolished End Caps - B16W

Tube OD	Dimension A	Unpolished 304 Stainless Steel Part #
1"	.375"	B16W-G100
1½"	.562"	B16W-G150
2"	.750"	B16W-G200
21/2"	1.000"	B16W-G250
3"	1.250"	B16W-G300
4"	1.500"	B16W-G400



Unpolished Adapters

Male NPT x Weld End - B19WB

Tube OD	Dimension A	Wall Thickness	304 Stainless Steel Part #
1"	1.750"	.065"	B19WB-G100
1½"	1.750"	.065"	B19WB-G150
2"	1.812"	.065"	B19WB-G200
2½"	2.312"	.065"	B19WB-G250
3"	2.500"	.065"	B19WB-G300
4"	2.562"	.083"	B19WB-G400





Female NPT x Weld End - B22WB

Tube OD	Dimension A	Wall Thickness	304 Stainless Steel Part #
1"	1.750"	.065"	B22WB-G100
1½"	1.750"	.065"	B22WB-G150
2"	1.812"	.065"	B22WB-G200
2½"	2.312"	.065"	B22WB-G250
3"	2.500"	.065"	B22WB-G300
4"	2.500"	.083"	B22WB-G400



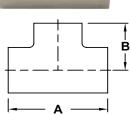


Unpolished Tees

Short Weld - B7WWW

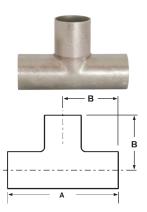
Sanitary Fittings





Tube	Dimer	nsions	Wall	Unpolished 304 Stainless Steel	Unpolished 316L Stainless Steel
OD	А	В	Thickness	Part #	Part #
1"	2.250"	1.125"	.065"	B7WWW-G100U	B7WWW-R100U
1½"	3.312"	1.656"	.065"	B7WWW-G150U	B7WWW-R150U
2"	4.124"	2.062"	.065"	B7WWW-G200U	B7WWW-R200U
21/2"	4.688"	2.344"	.065"	B7WWW-G250U	B7WWW-R250U
3"	5.188"	2.594"	.065"	B7WWW-G300U	B7WWW-R300U
4"	6.876"	3.438"	.083"	B7WWW-G400U	B7WWW-R400U

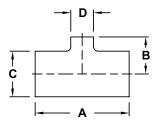
Long Weld - B7W



Tube OD	Dimer A	nsions B	Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
3/4"	4.000"	2.000"	.065"		B7W-R75U
1"	3.750"	1.875"	.065"	B7W-G100U	B7W-R100U
1½"	4.500"	2.250"	.065"	B7W-G150U	B7W-R150U
2"	6.000"	3.000"	.065"	B7W-G200U	B7W-R200U
21/2"	6.000"	3.000"	.065"	B7W-G250U	B7W-R250U
3"	6.500"	3.250"	.065"	B7W-G300U	B7W-R300U
4"	7.750"	3.875"	.083"	B7W-G400U	B7W-R400U

Reducing Weld - B7RWWW





Tube		Dimer	nsions		Wall	Unpolished 304 Stainless Steel	Unpolished 316L Stainless Steel
OD	А	В	С	D	Thickness	Part #	Part #
1½" x 1"	3.312"	1.375"	1.500"	1.000"	.065"	B7RWWW-G150100U	B7RWWW-R150100U
2" x 1"	4.124"	1.625"	2.000"	1.000"	.065"	B7RWWW-G200100U	B7RWWW-R200100U
2" x 1½"	4.124"	1.906"	2.000"	1.500"	.065"	B7RWWW-G200150U	B7RWWW-R200150U
2½" x 1½"	4.688"	2.156"	2.500"	1.500"	.065"	B7RWWW-G250150U	B7RWWW-R250150U
2½" x 2"	4.688"	2.312"	2.500"	2.000"	.065"	B7RWWW-G250200U	B7RWWW-R250200U
3" x 1½"	5.188"	2.406"	3.000"	1.500"	.065"	B7RWWW-G300150U	B7RWWW-R300150U
3" x 2"	5.188"	2.562"	3.000"	2.000"	.065"	B7RWWW-G300200U	B7RWWW-R300200U
4" x 2"	6.876"	3.062"	4.000"	2.000"	.083"	B7RWWW-G400200U	B7RWWW-R400200U
4" x 3"	6.876"	3.094"	4.000"	3.000"	.083"	B7RWWW-G400300U	B7RWWW-R400300U

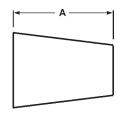
Sanitar Fittings

Unpolished Weld Reducers

Concentric - B31W

Tube OD	Dimension A	Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
3/4" X 1/2"	1.000"	.065"		B31W-R7550U
1" x ½"	2.000"	.065"		B31W-R10050U
1" x ¾"	1.000"	.065"		B31W-R10075U
1½" x ¾"	3.000"	.065"		B31W-R15075U
1½" x 1"	2.000"	.065"	B31W-G150100U	B31W-R150100U
2" x 1"	4.000"	.065"	B31W-G200100U	B31W-R200100U
2" x 1½"	2.000"	.065"	B31W-G200150U	B31W-R200150U
2½" x 1½"	4.000"	.065"	B31W-G250150U	B31W-R250150U
2½" x 2"	2.000"	.065"	B31W-G250200U	B31W-R250200U
3" x 1½"	6.000"	.065"	B31W-G300150U	B31W-R300150U
3" x 2"	4.000"	.065"	B31W-G300200U	B31W-R300200U
3" x 2½"	2.000"	.065"	B31W-G300250U	B31W-R300250U
4" x 2"	8.000"	.083"	B31W-G400200U	B31W-R400200U
4" x 2½"	6.000"	.083"	B31W-G400250U	B31W-R400250U
4" x 3"	4.000"	.083"	B31W-G400300U	B31W-R400300U
6" x 4"	5.500"	.109"	B31W-G600400U	B31W-R600400U

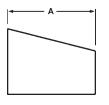




Eccentric - B32W

Tube OD	Dimension A	Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
1" x ½"	2.000"	.065"		B32W-R10050U
2" x 1"	4.000"	.065"	B32W-G200100U	B32W-R200100U
2" x 1½"	2.000"	.065"	B32W-G200150U	B32W-R200150U
2½" x 2"	2.000"	.065"	B32W-G250200U	B32W-R250200U
3" x 2"	4.000"	.065"	B32W-G300200U	B32W-R300200U
3" x 2½"	2.000"	.065"	B32W-G300250U	B32W-R300250U
4" x 2"	8.000"	.083"	B32W-G400200U	B32W-R400200U
4" x 3"	4.000"	.083"	B32W-G400300U	B32W-R400300U





Unpolished Type A Stub Ends - 14VB

Application:

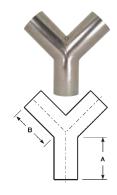
• typically used with B38SL flanges

Tube OD		Dimer	nsions		316L Stainless Steel
	А	В	С	D	Part #
1"	1.625"	2.000"	1.000"	.065"	14VB-R100
1½"	1.750"	2.875"	1.500"	.065"	14VB-R150
2"	1.500"	3.625"	2.000"	.065"	14VB-R200
2½"	2.000"	4.125"	2.500"	.065"	14VB-R250
3"	2.250"	5.000"	3.000"	.065"	14VB-R300
4"	2.625"	6.187"	4.000"	.083"	14VB-R400
6"	3.000"	8.500"	6.000"	.109"	14VB-R600
8"	3.000"	10.625"	8.000"	.109"	14VB-R800



Unpolished Miscellaneous Configurations

Weld True Wyes - B28W



Tube OD	Dimer	nsions I	Wall	Unpolished 316L Stainless Steel
	Α	В	Thickness	Part #
1"	2.000"	2.438"	.065"	B28W-R100U
1½"	2.000"	2.438"	.065"	B28W-R150U
2"	2.625"	3.250"	.065"	B28W-R200U
2½"	3.370"	4.125"	.065"	B28W-R250U
3"	4.000"	4.875"	.065"	B28W-R300U
4"	5.375"	5.375"	.083"	B28W-R400U

Weld Laterals - B28WA



Tube	D	imensior	is	Wall	Unpolished 316L Stainless Steel
OD	А	В	R	Thickness	Part #
1"	6.000"	1.000"	5.000"	.065"	B28WA-R100U
1½"	7.375"	1.188"	6.188"	.065"	B28WA-R150U
2"	8.750"	1.625"	7.125"	.065"	B28WA-R200U
2½"	10.000"	1.500"	8.500"	.065"	B28WA-R250U
3"	10.750"	1.875"	8.875"	.065"	B28WA-R300U
4"	12.812"	2.015"	10.750"	.083"	B28WA-R400U

Weld 180° Return Bends - B2WUL

Feature:







	Tube OD	Dimensions		Wall	Unpolished 316L Stainless Steel	
	Tube Ob	А	В	Thickness	Part #	
	1"	3.000"	2.000"	.065"	B2WUL-R100U	
	1½"	4.500"	3.000"	.065"	B2WUL-R150U	
	2"	6.000"	4.000"	.065"	B2WUL-R200U	
	3"	9.000"	6.000"	.065"	B2WUL-R300U	
	4"	12.000"	8.000"	.083"	B2WUL-R400U	

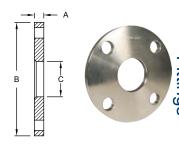
See page 610 for weld end protection covers.

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Unpolished - Flanges

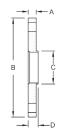
Slip-On 150# - B38SL

Tube OD	D A	imensior B	ı	Number / Diameter Bolt Holes	Circlo	304 Stainless Steel Part #	316L Stainless Steel Part #
1"	.375"	4.250"	1.063"	4/.625"	3.125"	B38SL-G100	B38SL-R100
1½"	.375"	5.000"	1.563"	4/.625"	3.875"	B38SL-G150	B38SL-R150
2"	.437"	6.000"	2.063"	4/.750"	4.750"	B38SL-G200	B38SL-R200
3"	.500"	7.500"	3.063"	4/.750"	6.000"	B38SL-G300	B38SL-R300
4"	.562"	9.000"	4.063"	8/.750"	7.500"	B38SL-G400	B38SL-R400
6"	.562"	11.000"	6.063"	8/.875"	9.500"	B38SL-G600	B38SL-R600
8"	.562"	13.500"	8.063"	8/.875"	11.750"	B38SL-G800	B38SL-R800



Weld Neck - B38W

Tube OD	А	Dimer B	nsions C	D	Number / Diameter Bolt Holes	Bolt Circle	316L Stainless Steel Part #
1"	.375"	4.250"	1.000"	.500"	4/.625"	3.125"	B38W-R100
1½"	.375"	5.000"	1.500"	.500"	4/.625"	3.875"	B38W-R150
2"	.500"	6.000"	2.000"	.625"	4/.750"	4.750"	B38W-R200
2½"	.500"	7.000"	2.500"	.625"	4/.750"	5.500"	B38W-R250
3"	.500"	7.500"	3.000"	.625"	4/.750"	6.000"	B38W-R300
4"	.500"	9.000"	4.000"	.625"	8/.750"	7.500"	B38W-R400
6"	.500"	11.000"	6.000"	.625"	8/.875"	9.500"	B38W-R600
8"	.500"	13.500"	8.000"	.625"	8/.875"	11.750"	B38W-R800





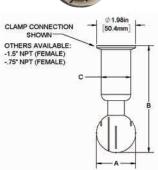
• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

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Spray Balls

Rotating - SRH





Application:

• ideal for cleaning all types of tanks and vessels

- stainless steel ball bearings eliminate rust
- cleaning solution lubricates unit
- mirror-like finish (OD)
- spray pattern: 360°
- available connections: clamp and NPT

Size	Туре	304 Stainless Steel Part #	316L Stainless Steel Part #
3/4"	NPT	SRH360NPT-G075	
1½"	NPT		SRH360NPT-R150
1½"	clamp	SRH360CMP-G150	SRH360CMP-R150

Stationary - STC

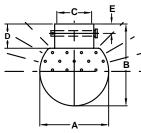
Application:

• typicaly used in food and beverage industries for cleaning storage tanks

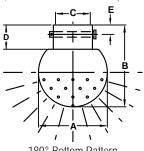
Features:

- heavy duty 316L stainless steel construction provides longer life
- stationary designed to be mounted to a tube or pipe
- 2 mm spray holes
- · various spray patterns available (blanks available as special order)

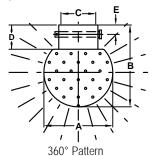












Size	Pin Length	Spray Pattern	А	Di B	mensio C	ns D	E	Pin Size	316L Stainless Steel Part #
1"	1.47"	360°	2.50"	3.04"	1.005"	.975"	.445"	.226"	STC-360-R100
1½"	1.95"	360°	2.95"	3.55"	1.505"	1.050"	.445"	.226"	STC-360-R150
1"	1.47"	180° bottom	3.54"	2.95"	1.005"	.975"	.445"	.226"	STC-180B-R100
1½"	1.95"	180° bottom	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-180B-R150
1"	1.47"	180° top	3.54"	2.95"	1.005"	.975"	.445"	.226"	STC-180T-R100
1½"	1.95"	180° top	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-180T-R150

Repair Kits

Repair kit contains:

- (1) pin
- (1) R clip

Size	Part #
1"	STC-RK100
1½"	STC-RK150

Sight Glasses

Features:

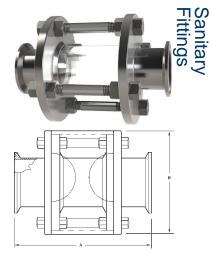
- 1" 6" OD tube
- body: 316L stainless steel
- sight glass: Borosilicate glass or polycarbonate
- gaskets: white Buna or FKM
- 32R_a sanitary finish, ID and OD

In-line - B54BMP

Features:

- various end configurations are available: clamp, weld, bevel seat, John Perry, I-Line and Q-Line
- maximum temperature: 200°F (93°C)

		Working	316L Stainless Steel	316 Stainless Steel
Α	В	Pressure	Borosilicate Glass	Polycarbonate
		(PSI)	Part Number	Part Number
5.625"	3.250"	145	B54BMP-R100	B54BMP-R100LX
5.625"	4.000"	145	B54BMP-R150	B54BMP-R150LX
5.625"	4.250"	145	B54BMP-R200	B54BMP-R200LX
6.125"	4.750"	120	B54BMP-R250	B54BMP-R250LX
7.250"	5.500"	120	B54BMP-R300	B54BMP-R300LX
7.375"	6.500"	95	B54BMP-R400	B54BMP-R400LX
7.625"	9.500"	80	B54BMP-R600	B54BMP-R600LX
	5.625" 5.625" 5.625" 6.125" 7.250" 7.375"	5.625" 3.250" 5.625" 4.000" 5.625" 4.250" 6.125" 4.750" 7.250" 5.500" 7.375" 6.500"	A B Pressure (PSI) 5.625" 3.250" 145 5.625" 4.000" 145 5.625" 4.250" 145 6.125" 4.750" 120 7.250" 5.500" 120 7.375" 6.500" 95	A B Pressure (PSI) Borosilicate Glass Part Number 5.625" 3.250" 145 B54BMP-R100 5.625" 4.000" 145 B54BMP-R150 5.625" 4.250" 145 B54BMP-R200 6.125" 4.750" 120 B54BMP-R250 7.250" 5.500" 120 B54BMP-R300 7.375" 6.500" 95 B54BMP-R400



Kits and Replacement Parts

Size	<i>Buna Seal Kit</i> Part Number	FKM Seal Kit Part Number	Borosilicate Glass Replacement Part Number	Polycarbonate Replacement Part Number
1"	B54BMP-SK100	B54BMP-VK100	B54G-P100	B54BMP-LX100
1½"	B54BMP-SK150	B54BMP-VK150	B54G-P150	B54BMP-LX150
2"	B54BMP-SK200	B54BMP-VK200	B54G-P200	B54BMP-LX200
21/2"	B54BMP-SK250	B54BMP-VK250	B54G-P250	B54BMP-LX250
3"	B54BMP-SK300	B54BMP-VK300	B54G-P300	B54BMP-LX300
4"	B54BMP-SK400	B54BMP-VK400	B54G-P400	B54BMP-LX400
6"	B54BMP-SK600	B54BMP-VK600	B54G-P600	B54BMP-LX600

Seal kit contains: (2) white Buna gaskets

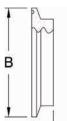
End Caps - B5416MP

Feature:

- for use on any line with a clamp and gasket
- maximum temperature: 150°F (66°C)
- maximum operating pressure: 100 PSI

Tube OD	А	В	<i>Acrylic Plastic</i> Part Number
1" - 1½"	.438"	1.984"	B5416MP-A100150
2"	.438"	2.516"	B5416MP-A200
2½"	.438"	3.047"	B5416MP-A250
3"	.438"	3.579"	B5416MP-A300
4"	.438"	4.682"	B5416MP-A400
6"	.438"	6.562"	B5416MP-A600





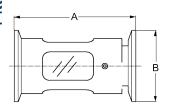
Compact Sight Glasses

Applications:

• Used widely in the food, dairy and beverage sanitary processes to view products and fluids.

Features:

- · design perfect for hoses
- easier to clean than bolted styles
- less cost to repair than bolted styles
- clamp connections standard



Tube OD	Dimensions I		316 Stainless Steel Polycarbonate	316 Stainless Steel Borosilicate Glass
	А	В	Part #	Part #
1"	3.375"	1.985"	B54BMPLX-R100	B54BMPS-R100
1½"	3.640"	1.985"	B54BMPLX-R150	B54BMPS-R150
2"	3.830"	2.516"	B54BMPLX-R200	B54BMPS-R200
3"	4.130"	3.579"	B54BMPLX-R300	B54BMPS-R300
4"	4.340"	4.682"	B54BMPLX-R400	B54BMPS-R400

Seal Kits



Size	<i>Buna Seal Kit</i> Part Number	<i>FKM Seal Kit</i> Part Number
1"	B54BMP-SK100	B54BMP-VK100
1½"	B54BMP-SK150	B54BMP-VK150
2"	B54BMP-SK200	B54BMP-VK200
3"	B54BMP-SK300	B54BMP-VK300
4"	B54BMP-SK400	B54BMP-VK400

Replacement Glasses



Size	Polycarbonate Replacement	Borosilicate Glass Replacement
C 120	Part Number	Part Number
1"	B54BMP-LX100	B54BMP-GL100
1½"	B54BMP-LX150	B54BMP-GL150
2"	B54BMP-LX200	B54BMP-GL200
3"	B54BMP-LX300	B54BMP-GL300
4 "	R54RMP-I X400	R54RMP-GI 400

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Swivels

Features:

- available in clamp and weld configurations
- elastomers: silicone and PTFE standard, optional elastomers available
- finish: sanitary finish ID and OD

straight clamp - style 20

Size	Dimension A B		ns C	Pressure Rating PSI @ 70°F (21°C)	Pressure Rating PSI @ 250°F (121°C)	316L Stainless Steel Part #
					` '	
1"	2.56"	3.00"	1.00"	500	300	SJSS100CC-20
1½"	2.56"	3.00"	1.50"	500	300	SJSS150CC-20
1/2	12.00	10.00	1.00	300	300	000070000 20
2"	3.09"	3.00"	2.00"	450	250	SJSS200CC-20
2½"	3.44"	3.00"	2.50"	400	200	SJSS250CC-20
3"	3.94"	3.00"	3.00"	350	175	SJSS300CC-20
4"	5.08"	4.19"	4.00"	300	150	SJSS400CC-20

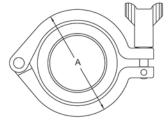


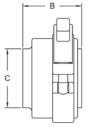
Size	Dimensions		ı .	Pressure Rating PSI @ 70°F (21°C)	Pressure Rating PSI @ 250°F	316L Stainless Steel Part #
	A	В	C	F31 @ 70 F (21 C)	(121°C)	Fail #
1"	2.56"	2.00"	1.00"	500	300	SJSS100BB-20
1½"	2.56"	2.00"	1.50"	500	300	SJSS150BB-20
2"	3.09"	2.00"	2.00"	450	250	SJSS200BB-20
2½"	3.44"	2.00"	2.50"	400	200	SJSS250BB-20
3"	3.94"	2.00"	3.00"	350	175	SJSS300BB-20
4"	5.08"	2.94"	4.00"	300	150	SJSS400BB-20

• dimensional information can be found at dixonvalve.com

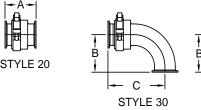


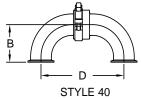


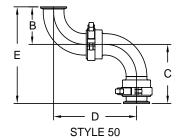


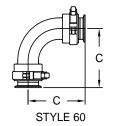


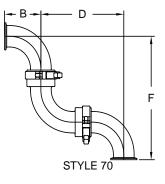
Configurations











Clamp Joint Dimensions

Size	А	В	С	D	E	F	Part Number
1"	3.00"	2.00"	4.00"	5.00"	6.00"	7.00"	SJSS100CC-*
1½"	3.00"	2.75"	4.75"	6.50"	7.50"	9.25"	SJSS150CC-*
2"	3.00"	3.50"	5.50"	8.00"	9.00"	11.50"	SJSS200CC-*
21/2"	3.00"	4.25"	6.25"	9.50"	10.50"	13.75"	SJSS250CC-*
3"	3.00"	5.00"	7.00"	11.00"	12.00"	16.00"	SJSS300CC-*
4"	5.19"	6.63"	9.63"	14.94"	15.94"	21.56"	SJSS400CC-*

^{*} For all other styles, please contact Dixon Sanitary 800.789.1718



Features:

accuracy: ± 1.5% of full scale
over range capacity: 30%

• wetted surfaces: 316L stainless steel

• surface finishes (wetted parts): R_a max = 25 microinches

case material: 304 stainless steel

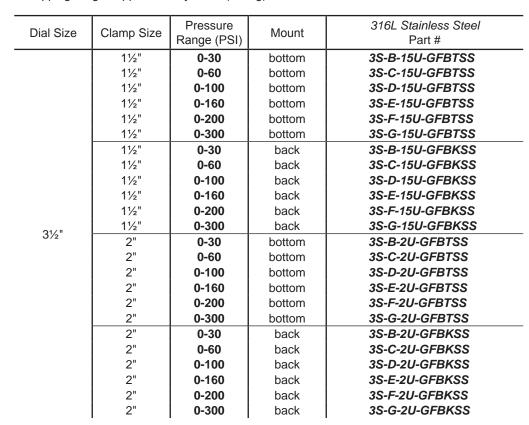
dial size: 3½"

• lens material: polycarbonate

• temperature range: 0°F (-18°C) to 250°F (121°C)

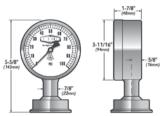
standard fill: food grade glycerinrezero feature: standard on pointer

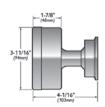
• shipping weight: approximately 3 lbs. (1.3 kg)











Strainers

In-line - BSCCQ

Features:

- ships standard with: spring, distributor cap, clamp gasket, ¼" perforated back-up tube, squeeze clamp, inlet and outlet bodies
- must be verticaly mounted to be 3A compliant
- bevel seat, I-line and weld ends available, call Dixon® for information
- 1/8" perforated back-up tube available, must specify when ordering (not 3A)

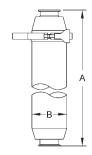
short

Size	Dimer	nsions	316L Stainless Steel	
Size	А	В	Part #	
1"	15.75"	4.00"	BSCCQ1-R100	
1½"	15.75"	4.00"	BSCCQ1-R150	
2"	15.75"	4.00"	BSCCQ1-R200	
21/2"	15.75"	4.50"	BSCCS1-R250	
3"	15.75"	4.50"	BSCCS1-R300	

long

Size	Dimer	nsions	316L Stainless Steel	
Size	А	В	Part #	
1½"	35.375"	4.00"	BSCCQ2-R150	
2"	35.375"	4.00"	BSCCQ2-R200	
3"	35.375"	4.50"	BSCCS2-R300	





Side-Entry - BSCCQ

Features:

- ships standard with: spring, end cap with handle, distributor cap, clamp gasket, ¼" perforated back-up tube, body and squeeze clamp
- · serviceable without removing from the line
- must be a verticaly mounted to be 3A compliant
- bevel seat, I-line and weld ends available, call Dixon® for information
- 1/8" perforated back-up tube available, must specify when ordering (not 3A certified)

Size		Dimer	nsions	316L Stainless Steel	
	А	В	С	D	Part #
1½"	41.90"	4.00"	35.00"	3.50"	BSCCQ3-R150
2"	41.90"	4.00"	35.00"	3.50"	BSCCQ3-R200
3"	41.90"	4.50"	35.00"	3.75"	BSCCQ3-R300

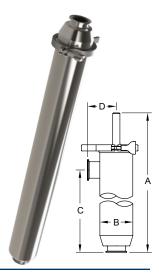


Side-Outlet Reverse - BSCCQ

Features:

- ships standard with: spring, end cap with handle, distributor cap, clamp gasket, ¼" perforated back-up tube, body and squeeze clamp
- 1/8" perforated back-up tube available (not 3A certified)
- bevel seat, I-line and weld ends available, call Dixon® for information
- can be serviced in-line

Size		Dimer	nsions	316L Stainless Steel	
	Α	В	С	D	Part #
1½"	41.90"	4.00"	35.00"	3.50"	BSCCQ4-R150
2"	41.90"	4.00"	35.00"	3.50"	BSCCQ4-R200
3"	41.90"	4.50"	35.00"	3.75"	BSCCQ4-R300



Strainers

Filters

Features:

- · filter medium are special order and minimum quantities apply, not included with base unit
- · filters require retaining ring

short

			SHOIL	
	Size	Micron Rating	Description	Part #
ittings.	1" - 2"	38	nonwoven rayon (glued seam)	BF30A-100-200
=,	2½" - 3"	38	nonwoven rayon (glued seam)	BF30A-250-300
Ξ	1" - 2"	513	woven knapped cotton flannel	BF30B-100-200
	2½" - 3"	513	woven knapped cotton flannel	BF30B-250-300
	1" - 2"	300	cheese cloth, single thickness cotton	BF30C-100-200
	2½" - 3"	300	cheese cloth, single thickness cotton	BF30C-250-300
	1" - 2"	765	nylon, 26/29 mesh, rectangular opening, (.025 x .030)	BF30D-100-200
	2½" - 3"	765	nylon, 26/29 mesh, rectangular opening, (.025 x .030)	BF30D-250-300
	1" - 2"	40-42	nonwoven rayon	BF30E-100-200
	2½" - 3"	40-42	nonwoven rayon	BF30E-250-300
	1" - 2"	40	nonwoven rayon	
	1" - 2"	420	woven nylon, 40 mesh	BF30G-100-200
	2½" - 3"	420	woven nylon, 40 mesh	BF30G-250-300
_		•	long	<u> </u>
		Micron		_

Size	Micron Rating	Description	Part #
1" - 2"	40-42	nonwoven rayon	BF302E-100-200
2½" - 3"	40-42	nonwoven rayon	BF302E-250-300
2½" - 3"	420	woven nylon, 40 mesh	BF302G-250-300

316 Stainless Wire Cloth Mesh Over Screens

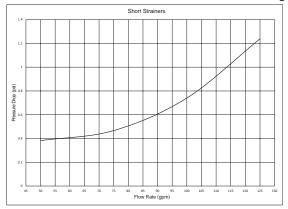
Features:

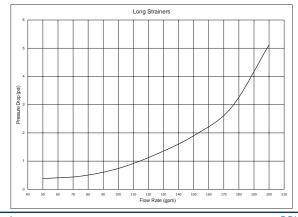
- not all sizes are stocked, additional sizes are available (5 piece minimum), call Dixon®
- not 3A compatible, not included with base unit

Size	Micron Rating	Square Mesh	Space Between Wires	Percent of Open Area	Short Part #	Long Part #
1" - 2"	864	20	0.034"	46.2	BS20-100-200	BS202-100-200
2½" - 3"	864	20	0.034"	46.2	BS20-250-300	BS202-250-300
1" - 2"	381	40	0.015"	36.0	BS40-100-200	BS402-100-200
2½" - 3"	381	40	0.015"	36.0	BS40-250-300	BS402-250-300
1" - 2"	229	60	0.009"	30.3	BS60-100-200	BS602-100-200
2½" - 3"	229	60	0.009"	30.3	BS60-250-300	BS602-250-300
1" - 2"	178	80	0.007"	31.4	BS80-100-200	BS802-100-200
2½" - 3"	178	80	0.007"	31.4	BS80-250-300	BS802-250-300
1" - 2"	140	100	0.006"	30.3	BS100-100-200	BS1002-100-200
2½" - 3"	140	100	0.006"	30.3	BS100-250-300	BS1002-250-300

Pressure Drop Curves for Filter and Strainer

- water at ambient temperature
- maximum flow for short units is 125 GPM
- maximum flow for long units is 175 GPM





Tube Hangers

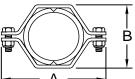
Hex with ABS Sleeve - B24PS

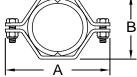
Feature:

• maximum temperature: 230°F (110°C)

Tube OD	Dimer	nsions	304 Stainless Steel
Tube OD	АВ		Part #
1/2"	2.800"	1.150"	B24PS-G50
3/4"	2.800"	1.150"	B24PS-G75
1"	3.425"	1.450"	B24PS-G100
1½"	4.000"	2.125"	B24PS-G150
2"	4.500"	2.500"	B24PS-G200
2½"	4.950"	3.125"	B24PS-G250
3"	5.500"	3.750"	B24PS-G300
4"	6.950"	4.750"	B24PS-G400
5"	8.063"	5.625"	B24PS-G500
6"	9.250"	6.625"	B24PS-G600
8"	11.500"	8.625"	B24PS-G800







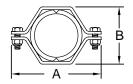
Hex with High Temperature Polysulfone Sleeve - B24HS

Specification:

• high temperature sleeve maximum temperature: 325°F (163°C)

Tube	Dimer	nsions	304 Stainless Steel
OD	А	В	Part Number
1/2"	2.375"	1.062"	B24HS-G50
3/4"	2.625"	1.188"	B24HS-G75
1"	2.688"	1.563"	B24HS-G100
11/2"	3.625"	2.125"	B24HS-G150
2"	4.625"	2.625"	B24HS-G200
21/2"	4.813"	3.125"	B24HS-G250
3"	5.375"	3.625"	B24HS-G300
4"	6.625"	4.625"	B24HS-G400
6"	9.000"	6.625"	B24HS-G600





Sleeves - 13PS

Features:

- maximum temperature: 230°F (110°C)
- high temperature sleeves are also available, contact Dixon®

Ci-o	ABS	High Temperature \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
Size	Part #	Part #
1/2"	13PS-50	13HS-50
3/4"	13PS-75	13HS-75
1"	13PS-100	13HS-100
1½"	13PS-150	13HS-150
2"	13PS-200	13HS-200
2½"	13PS-250	13HS-250
3"	13PS-300	13HS-300
4"	13PS-400	13HS-400
5"	13PS-500	
6"	13PS-600	13HS-600
8"	13PS-800	





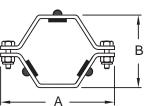
Tube Hangers

Hex with Nitrile Grommets - B24RG

Features:

- replacement grommets are available, contact Dixon[®]
- nitrile grommets; maximum temperature: 230°F (110°C)





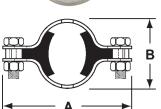
Tube OD	Dimensions		304 Stainless Steel				
	A	В	Part #				
1/2" - 3/4"	3.425" 1.450"		B24RG-G75				
1"	3.425"	1.450"	B24RG-G100				
1½"	4.000"	2.125"	B24RG-G150				
2"	4.500"	2.500"	B24RG-G200				
2½"	4.950"	3.125"	B24RG-G250				
3"	5.500"	3.750"	B24RG-G300				
4"	6.950"	4.750"	B24RG-G400				
5"	8.000"	5.625"	B24RG-G500				
6"	9.250"	6.625"	B24RG-G600				
8"	11.500"	8.625"	B24RG-G800				

Round with Nitrile Inserts - B24RPH

Feature:

- · Nitrile inserts
- maximum temperature: 230°F (110°C)





Tube OD		Dimer	I	304 Stainless Steel Part #	
		Α	В	rail#	
	1/2"	2.750"	1.125"	B24RPH-G50	
	3/4"	2.750"	1.125"	B24RPH-G75	
	1"	3.310"	1.500"	B24RPH-G100	
	1½"	3.810"	2.000"	B24RPH-G150	
	2"	4.250"	2.562"	B24RPH-G200	
	2½"	5.000"	3.000"	B24RPH-G250	
	3"	5.500"	3.562"	B24RPH-G300	
	4"	6.500"	4.688"	B24RPH-G400	
			•	•	

Features:

Nuts and Bolts - 13NHN

- hex hangers with grommets and round hangers 1" to 4" use 13NHN-G100-600 fastener sets
- ½" and ¾" round and sleeved hangers use 13NHN-G75 fastener sets
- 2 nuts and bolts supplied to a set

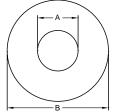




Size	Description	304 Stainless Steel Part #
	1/4"-20 x 3/4" bolt with nylock nut 5/16"-18 x 1" bolt with nylock nut	13NHN-G75 13NHN-G100-600





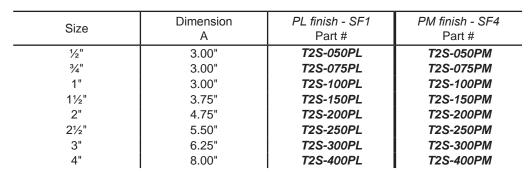


	Tube OD	Dimensions		Wall	304 Stainless Steel
	Tube OD	Α	В	Thickness	Part #
	1/2"	.50"	3.00"	.065"	B25-G050300
	1/2"	.50"	5.00"	.065"	B25-G050500
	3/4"	.75"	3.00"	.065"	B25-G075300
	3/4"	.75"	5.00"	.065"	B25-G075500
·	1"	1.00"	3.00"	.065"	B25-G100300
	1"	1.00"	5.00"	.065"	B25-G100500
	1½"	1.50"	5.00"	.065"	B25-G150500
	2"	2.00"	5.00"	.065"	B25-G200500
	21/2"	2.50"	5.00"	.065"	B25-G250500
	3"	3.00"	6.00"	.065"	B25-G300600
	4"	4.00"	7.00"	.065"	B25-G400700
	5"	5.00"	8.00"	.065"	B25-G400700 B25-G500800
	6"	6.00"	10.00"	.065"	B25-G6001000
	8"	8.00"	12.00"	.065"	B25-G8001200
	10"	10.00"	14.00"	.065"	B25-G10001400
	12"	12.00"	16.00"	.065"	B25-G12001600

-03

High Purity BioPharm Fittings

90° Weld Elbows - T2S





BPE Table DT-4.1.1-1

90° Clamp x Weld Elbows - T2CM

Size	Dimensions		PL finish - SF1	PM finish - SF4
Size	A	В	Part #	Part #
1/2"	3.00"	1.625"	T2CM-050PL	T2CM-050PM
3/4"	3.00"	1.625"	T2CM-075PL	T2CM-075PM
1"	3.00"	2.000"	T2CM-100PL	T2CM-100PM
1½"	3.75"	2.750"	T2CM-150PL	T2CM-150PM
2"	4.75"	3.500"	T2CM-200PL	T2CM-200PM
2½"	5.50"	4.250"	T2CM-250PL	T2CM-250PM
3"	6.25"	5.000"	T2CM-300PL	T2CM-300PM
4"	8.00"	6.625"	T2CM-400PL	T2CM-400PM



90° Clamp x Clamp Elbows - T2CMP

Size	Dimension A	PL finish - SF1 Part #	<i>PM finish - SF4</i> Part #
1/2"	1.625"	T2CMP-050PL	T2CMP-050PM
3/4"	1.625"	T2CMP-075PL	T2CMP-075PM
1"	2.000"	T2CMP-100PL	T2CMP-100PM
1½"	2.750"	T2CMP-150PL	T2CMP-150PM
2"	3.500"	T2CMP-200PL	T2CMP-200PM
2½"	4.250"	T2CMP-250PL	T2CMP-250PM
3"	5.000"	T2CMP-300PL	T2CMP-300PM
4"	6.625"	T2CMP-400PL	T2CMP-400PM



BPE Table DT-4.11.1-3

45° Weld Elbows - T2KS

Size	Dimension A	PL finish - SF1 Part #	<i>PM finish - SF4</i> Part #
1/2"	2.250"	T2KS-050PL	T2KS-050PM
3/4"	2.250"	T2KS-075PL	T2KS-075PM
1"	2.250"	T2KS-100PL	T2KS-100PM
1½"	2.500"	T2KS-150PL	T2KS-150PM
2"	3.000"	T2KS-200PL	T2KS-200PM
21/2"	3.375"	T2KS-250PL	T2KS-250PM
3"	3.625"	T2KS-300PL	T2KS-300PM
4"	4.500"	T2KS-400PL	T2KS-400PM



BPE Table DT-4.1.1-4

PL Finish – SF1

 $OD = 32R_a$ Mechanically Polished $ID = 20R_a$ Mechanically Polished

PM Finish - SF4

 $OD = 32R_a$ Mechanically Polished

ID = 15R_a Mechanically Polished and Electropolished





45° Clamp x Weld Elbows - T2KM





BPE Table DT-4	4.1.1-5

	Dimensions		PL finish - SF1	PM finish - SF4
Size	A	В	Part #	Part #
1/2"	2.250"	1.000"	T2KM-050PL	T2KM-050PM
3/4"	2.250"	1.000"	T2KM-075PL	T2KM-075PM
1"	2.250"	1.125"	T2KM-100PL	T2KM-100PM
1½"	2.500"	1.438"	T2KM-150PL	T2KM-150PM
2"	3.000"	1.750"	T2KM-200PL	T2KM-200PM
21/2"	3.375"	2.063"	T2KM-250PL	T2KM-250PM
3"	3.625"	2.380"	T2KM-300PL	T2KM-300PM
4"	4.500"	3.125"	T2KM-400PL	T2KM-400PM

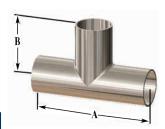
45° Clamp x Clamp Elbows - T2KMP



BPE Table DT-4.1.1-6

C:	Dimension	PL finish - SF1	PM finish - SF4
Size	A	Part #	Part #
1/2"	1.000"	T2KMP-050PL	T2KMP-050PM
3/4"	1.000"	T2KMP-075PL	T2KMP-075PM
1"	1.125"	T2KMP-100PL	T2KMP-100PM
1½"	1.438"	T2KMP-150PL	T2KMP-150PM
2"	1.750"	T2KMP-200PL	T2KMP-200PM
21/2"	2.063"	T2KMP-250PL	T2KMP-250PM
3"	2.380"	T2KMP-300PL	T2KMP-300PM
4"	3 125"	T2KMP-400PI	T2KMP-400PM

Weld x Weld x Weld Tees - T7WWW



BPE Table DT-4.1.2-1

•	Size	Dimensions		PL finish - SF1	PM finish - SF4
	Size	А	В	Part #	Part #
	1/2"	3.750"	1.875"	T7WWW-050PL	T7WWW-050PM
	3/4"	4.000"	2.000"	T7WWW-075PL	T7WWW-075PM
	1"	4.250"	2.125"	T7WWW-100PL	T7WWW-100PM
	1½"	4.750"	2.375"	T7WWW-150PL	T7WWW-150PM
	2"	5.750"	2.875"	T7WWW-200PL	T7WWW-200PM
	21/2"	6.250"	3.125"	T7WWW-250PL	T7WWW-250PM
	3"	6.750"	3.375"	T7WWW-300PL	T7WWW-300PM
	4"	8.250"	4.125"	T7WWW-400PL	T7WWW-400PM

Weld x Weld x Weld Reducing Tees - T7RWWW



BPE Table DT-4.1.2-6

Size	Dimensions		PL finish - SF1	PM finish - SF4	
Size	A	В	Part #	Part #	
3/4" X 1/2"	4.000"	2.000"	T7RWWW-075050PL	T7RWWW-075050PM	
1" x ½"	4.250"	2.125"	T7RWWW-100050PL	T7RWWW-100050PM	
1" x ¾"	4.250"	2.125"	T7RWWW-100075PL	T7RWWW-100075PM	
1½" x ½"	4.750"	2.375"	T7RWWW-150050PL	T7RWWW-150050PM	
1½" x ¾"	4.750"	2.375"	T7RWWW-150075PL	T7RWWW-150075PM	
1½" x 1"	4.750"	2.375"	T7RWWW-150100PL	T7RWWW-150100PM	
2" x ½"	5.750"	2.625"	T7RWWW-200050PL	T7RWWW-200050PM	
2" x ¾"	5.750"	2.625"	T7RWWW-200075PL	T7RWWW-200075PM	
2" x 1"	5.750"	2.625"	T7RWWW-200100PL	T7RWWW-200100PM	
2" x 1½"	5.750"	2.625"	T7RWWW-200150PL	T7RWWW-200150PM	

PL Finish - SF1 ${
m OD} = 32{
m R}_{
m a}$ Mechanically Polished ${
m ID} = 20{
m R}_{
m a}$ Mechanically Polished PM Finish - SF4

OD = 32R_a Mechanically Polished ID = 15R_a Mechanically Polished and Electropolished



Weld x Weld x Clamp Short Outlet Tees - T7WWMS

Size	Dimer A	nsions B	<i>PL finish - SF1</i> Part #	<i>PM finish - SF4</i> Part #
1/2"	3.750"	1.000"	T7WWMS-050PL	T7WWMS-050PM
3/4"	4.000"	1.125"	T7WWMS-075PL	T7WWMS-075PM
1"	4.250"	1.125"	T7WWMS-100PL	T7WWMS-100PM
11/2"	4.750"	1.375"	T7WWMS-150PL	T7WWMS-150PM
2"	5.750"	1.625"	T7WWMS-200PL	T7WWMS-200PM
21/2"	6.250"	1.825"	T7WWMS-250PL	T7WWMS-250PM
3"	6.750"	2.125"	T7WWMS-300PL	T7WWMS-300PM
4"	8.250"	2.750"	T7WWMS-400PL	T7WWMS-400PM



BPE Table DT-4.1.2-2

Weld x Weld x Clamp Tees - T7WWM

	Dimei	nsions	PL finish - SF1	PM finish - SF4	
Size	Α	В	Part #	Part #	
1/2"	3.750"	2.250"	T7WWM-050PL	T7WWM-050PM	
3/4"	4.000"	2.375"	T7WWM-075PL	T7WWM-075PM	
1"	4.250"	2.625"	T7WWM-100PL	T7WWM-100PM	
1½"	4.750"	2.875"	T7WWM-150PL	T7WWM-150PM	
2"	5.750"	3.375"	T7WWM-200PL	T7WWM-200PM	
2½"	6.250"	3.625"	T7WWM-250PL	T7WWM-250PM	
3"	6.750"	3.875"	T7WWM-300PL	T7WWM-300PM	
4"	8.250"	4.750"	T7WWM-400PL	T7WWM-400PM	



Clamp x Clamp Tees - T7MP

Size	Dimei A	nsions B	PL finish - SF1 Part #	<i>PM finish - SF4</i> Part #
1/2"	4.500"	2.250"	T7MP-050PL	T7MP-050PM
3/4"	4.750"	2.375"	T7MP-075PL	T7MP-075PM
1"	5.250"	2.625"	T7MP-100PL	T7MP-100PM
1½"	5.750"	2.875"	T7MP-150PL	T7MP-150PM
2"	6.750"	3.375"	T7MP-200PL	T7MP-200PM
21/2"	7.250"	3.625"	T7MP-250PL	T7MP-250PM
3"	7.750"	3.875"	T7MP-300PL	T7MP-300PM
4"	9.500"	4.750"	T7MP-400PL	T7MP-400PM



BPE Table DT-4.1.2-4

PL Finish – SF1

 $OD = 32R_a$ Mechanically Polished $ID = 20R_a$ Mechanically Polished

PM Finish – SF4

OD = 32R_a Mechanically Polished ID = 15R_a Mechanically Polished and Electropolished



Weld x Weld Concentric Reducers - T31W



Size	Dimension A	<i>PL finish - SF1</i> Part #	<i>PM finish - SF4</i> Part #
3/4" X 1/2"	4.00"	2211CBB075050F1	2211CBB075050F4
1" x ½"	4.50"	2211CBB100050F1	2211CBB100050F4
1" x ¾"	4.00"	2211CBB100075F1	2211CBB100075F4
1½" x ¾"	5.00"	2211CBB150075F1	2211CBB150075F4
1½" x 1"	5.00"	2211CBB150100F1	2211CBB150100F4
2" x 1"	7.25"	2211CBB200100F1	2211CBB200100F4
2" x 1½"	5.25"	2211CBB200150F1	2211CBB200150F4

Clamp x Clamp Concentric Reducers - T3114MP



BPE Table DT-4.1.3-3(a)

	Size	Dimension	PL finish - SF1 Part #	PM finish - SF4 Part #
		A	Fail #	Fail #
	3/4" X 1/2"	2.000"	2221CBB075050F1	2221CBB075050F4
	1" x ½"	2.500"	2221CBB100050F1	2221CBB100050F4
	1" x ¾"	2.000"	2221CBB100075F1	2221CBB100075F4
	1½" x ¾"	3.000"	2221CBB150075F1	2221CBB150075F4
	1½" x 1"	3.000"	2221CBB150100F1	2221CBB150100F4
	2" x 1"	5.000"	2221CBB200100F1	2221CBB200100F4
	2" x 11/2"	3.000"	2221CBB200150F1	2221CBB200150F4

Weld x Weld Eccentric Reducers - T32W

Size	Dimension	PL finish - SF1	PM finish - SF4
	Α	Part #	Part #
3/4" X 1/2"	4.00"	2211EBB075050F1	2211EBB075050F4
1" x ½"	4.50"	2211EBB100050F1	2211EBB100050F4
1" x ¾"	4.00"	2211EBB100075F1	2211EBB100075F4
1½" x ¾"	5.00"	2211EBB150075F1	2211EBB150075F4
1½" x 1"	5.00"	2211EBB150100F1	2211EBB150100F4
2" x 1"	7.25"	2211EBB200100F1	2211EBB200100F4
2" x 1½"	5.25"	2211EBB200150F1	2211EBB200150F4



BPE Table DT-4.1.3-1(a)

Clamp x Clamp Eccentric Reducers - T3214MP

Size	Dimension A	<i>PL finish - SF1</i> Part #	<i>PM finish - SF4</i> Part #
3/4" X 1/2"	2.000"	2221EBB075050F1	2221EBB075050F4
1" x ½"	2.500"	2221EBB100050F1	2221EBB100050F4
1" x ¾"	2.000"	2221EBB100075F1	2221EBB100075F4
1½" x ¾"	3.000"	2221EBB150075F1	2221EBB150075F4
1½" x 1"	3.000"	2221EBB150100F1	2221EBB150100F4
2" x 1"	5.000"	2221EBB200100F1	2221EBB200100F4
2" x 1½"	3.000"	2221EBB200150F1	2221EBB200150F4



BPE Table DT-4.1.3-3(a)







Solid End Caps - T16AMP





BPE Table DT-4.1.5-2

Size	Dimensions		PL finish - SF1	PM finish - SF4		
Size	Α	В	Part #	Part #		
1/2" - 3/4"	0.19"	0.98"	T16AMP-050075PL	T16AMP-050075PM		
1" - 1½"	0.25"	1.98"	T16AMP-100150PL	T16AMP-100150PM		
2"	0.25"	2.52"	T16AMP-200PL	T16AMP-200PM		
2½"	0.25"	3.05"	T16AMP-250PL	T16AMP-250PM		
3"	0.25"	3.58"	T16AMP-300PL	T16AMP-300PM		
4"	0.31"	4.68"	T16AMP-400PL	T16AMP-400PM		

Auto Weld Ferrules - *TL14AM7*



BPE Table DT-4.1.4-1

Size	Dimension A	<i>PL finish - SF1</i> Part #	<i>PM finish - SF4</i> Part #
1/2"	1.75"	TL14AM7-050PL	TL14AM7-050PM
3/4"	1.75"	TL14AM7-075PL	TL14AM7-075PM
1"	1.75"	TL14AM7-100PL	TL14AM7-100PM
1½"	1.75"	TL14AM7-150PL	TL14AM7-150PM
2"	2.25"	TL14AM7-200PL	TL14AM7-200PM
21/2"	2.25"	TL14AM7-250PL	TL14AM7-250PM
3"	2.25"	TL14AM7-300PL	TL14AM7-300PM
4"	2.25"	TL14AM7-400PL	TL14AM7-400PM

Weld Caps - T16W



BPE Table DT-4.1.5-1

Size	Dimension A	<i>PL finish - SF1</i> Part #	<i>PM finish - SF4</i> Part #
1/2"	1.50"	T16W-050PL	T16W-050PM
3/4"	1.50"	T16W-075PL	T16W-075PM
1"	1.50"	T16W-100PL	T16W-100PM
11/2"	1.50"	T16W-150PL	T16W-150PM
2"	1.50"	T16W-200PL	T16W-200PM

2-Way 3 Piece Encapsulated Ball Valves

Materials:

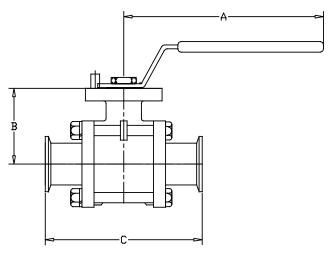
- · body, ends and ball: CF8M stainless
- seats: virgin PTFE, 15% glass reinforced RTFE, 25% carbon reinforced PTFE, 50% stainless steel reinforced PTFE or UHMW

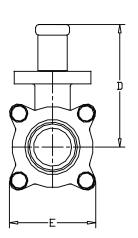
Features:

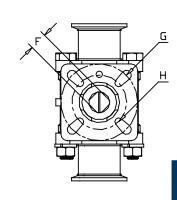
- · live-loaded stem packing
- · precision stainless steel balls reduce torque and friction losses while extending seat life
- integral ISO 5211 mounting pad
- ID polish is R_a 32 minimum
- lockable handle can prevent accidental actuation
- standard internal entry blow out proof stem design
- full port design matches ball and seat ports to tube ID for lower pressure drop and less turbulent flow
- compact design for areas with tight space restrictions
- fully encapsulated construction produces bubble tight seal
- · identification tagging available
- · balanced encapsulated construction minimizes cold flow

Specifications:

- maximum pressure rating: ½" 2" 1000 PSI WOG, 2½" 4" 800 PSI WOG
- · for valves seat options, call Dixon
- · repair kits available







C:				Dimer	nsions	_	_		316 Stainless Steel
Size	A	В	С	D	E	F (mm)	G (mm)	H (mm)	Part #
1/2"	4.9"	1.5"	4.3"	3.1"	2.0"	9	42	36	BV2CV-050CC-A
3/4"	4.9"	1.8"	4.7"	3.4"	2.2"	9	42	36	BV2CV-075CC-A
1"	5.4"	2.1"	4.9"	3.6"	2.4"	11	50	42	BV2CV-100CC-A
1½"	9.3"	2.7"	5.6"	4.4"	3.2"	14	70	50	BV2CV-150CC-A
2"	9.3"	3.1"	6.4"	4.7"	3.8"	14	70	50	BV2CV-200CC-A
21/2"	18.0"	3.8"	7.8"	5.2"	4.9"	17	102	70	BV2CV-250CC-A
3"	18.3"	4.2"	9.0"	5.7"	5.4"	17	102	70	BV2CV-300CC-A
4"	18.3"	5.3"	9.6"	6.9"	8.7"	22	125	102	BV2CV-400CC-A

Our commitment to excellence and continuous research and development for improving product quality may warrant periodic changes in design and specification. We reserve the right to modify product design without prior notification and without incurring any liability to provide these modifications to products previously purchased.



Non-Encapsulated 2-way 3 Piece Stainless Steel Ball Valves



Materials:

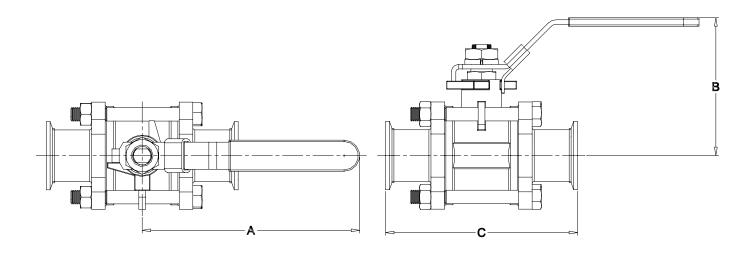
- body, ends and ball: CF8M stainless
- seats: 15% glass reinforced PTFE

Features:

- blow-out proof stem
- live-loaded stem packing
- ID polish is R_a 32 lockable handle

Specifications:

- maximum pressure rating: ½" 2" 1000 PSI WOG, 2½" 4" 800 PSI WOG
- maximum temperature: 300°F (149°C)
- repair kits available



0.	Dimensions			316 Stainless Steel
Size	А	В	С	Part #
1/2"	4.1"	2.3"	4.6"	BV2GG-050CC-A
3/4"	4.1"	2.5"	4.7"	BV2GG-075CC-A
1"	5.0"	2.8"	4.9"	BV2GG-100CC-A
1½"	6.1"	3.5"	5.6"	BV2GG-150CC-A
2"	7.6"	3.9"	6.4"	BV2GG-200CC-A
21/2"	7.6"	4.4"	7.8"	BV2GG-250CC-A
3"	10.9"	4.9"	9.0"	BV2GG-300CC-A
4"	13.2"	6.6"	9.6"	BV2GG-400CC-A

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Sanitar Fittings

Butterfly Valves

Materials:

- · body and disc: 316L
- seat: EPDM, FKM, (6" EPDM and silicone, 8" EPDM only)

Features:

- · low resistance to flow
- · bi-directions flow
- · gentle to media
- · suitable for low and medium viscosity fluids
- · can be serviced in the field
- self-draining
- various manual or automatic operators available, call Dixon Sanitary for details 800.789.1718
- · optional wing nut kit is available for easy assembly and disassembly
- 100% hydraulic tested / 100% inspected

Specifications:

- vacuum rating: 0.4 inches Hg at 68°F (20°C)
- operating temperature range: 15°F to 200°F (-9°C to 93°C)

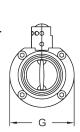
Clamp End with Pull Handle - [A]

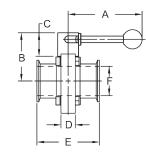
		-	
	316L Stainless Steel with	316L Stainless Steel with	316L Stainless Steel with
Size	Silicone Seats	FKM Seats	EPDM Seats
	Part #	Part #	Part #
1/2"	B5101S050CC-A	B5101V050CC-A	B5101E050CC-A
3/4"	B5101S075CC-A	B5101V075CC-A	B5101E075CC-A
1"	B5101S100CC-A	B5101V100CC-A	B5101E100CC-A
1½"	B5101S150CC-A	B5101V150CC-A	B5101E150CC-A
2"	B5101S200CC-A	B5101V200CC-A	B5101E200CC-A
2½"	B5101S250CC-A	B5101V250CC-A	B5101E250CC-A
3"	B5101S300CC-A	B5101V300CC-A	B5101E300CC-A
4" 1	B5101S400CC-A	B5101V400CC-A	B5101E400CC-A
6"	B5101S600CC-A		B5101E600CC-A
8"			B5101E800CC-A



¹ 4" high pressure butterfly valve is available, call Dixon® for more information

		1		Dimension	<u> </u>		ı
Size	А	В	С	D	E	F	G
1/2" 3/4" 1" 11/2" 2" 21/2" 3" 4" 6" 8"	4.4" 4.4" 4.4" 4.4" 4.4" 6.2" 6.2" 11.5" 18.0"	2.8" 2.8" 2.8" 2.8" 3.1" 3.5" 3.8" 4.5" 5.5" 6.9"	1.4" 1.4" 1.4" 1.4" 1.4" 1.3" 1.3" 1.3" 1.6"	0.9" 0.9" 0.9" 0.9" 0.9" 1.2" 1.2" 1.2" 1.2"	3.5" 3.5" 3.5" 3.8" 3.8" 4.1" 4.8" 5.5" 4.9"	.37" .62" 0.9" 1.4" 1.9" 2.4" 2.9" 3.8" 5.8" 7.8"	3.1" 3.1" 3.1" 3.1" 3.9" 4.6" 5.2" 6.7" 8.5" 11.2"



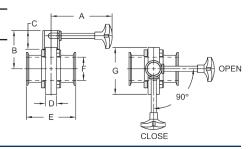


Clamp End with Infinite Position Handle - [B]

	316L Stainless Steel with	316L Stainless Steel with	316L Stainless Steel with
Size	Silicone Seats	FKM Seats	EPDM Seats
	Part #	Part #	Part #
1/2"	B5101S050CC-B	B5101V050CC-B	B5101E050CC-B
3/4"	B5101S075CC-B	B5101V075CC-B	B5101E075CC-B
1"	B5101S100CC-B	B5101V100CC-B	B5101E100CC-B
1½"	B5101S150CC-B	B5101V150CC-B	B5101E150CC-B
2"	B5101S200CC-B	B5101V200CC-B	B5101E200CC-B
21/2"	B5101S250CC-B	B5101V250CC-B	B5101E250CC-B
3"	B5101S300CC-B	B5101V300CC-B	B5101E300CC-B
4"	B5101S400CC-B	B5101V400CC-B	B5101E400CC-B



0:		_	. [Dimensions	Ş		_
Size	А	В	С	D	Е	F	G
1/2"	4.3"	2.6"	1.3"	0.9"	3.5"	.37"	3.1"
3/4"	4.3"	2.6"	1.3"	0.9"	3.5"	.62"	3.1"
1"	4.3"	2.6"	1.3"	0.9"	3.5"	.90"	3.1"
1½"	4.3"	2.6"	1.3"	0.9"	3.5"	1.40"	3.1"
2"	4.3"	2.9"	1.3"	0.9"	3.8"	1.90"	3.9"
21/2"	4.3"	3.3"	1.3"	0.9"	3.8"	2.40"	4.6"
3"	6.4"	3.6"	1.3"	1.2"	4.1"	2.90"	5.2"
4"	64"	4 4"	l 13"	1 2"	4 8"	3 80"	6 7"

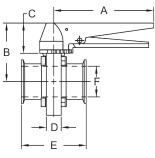


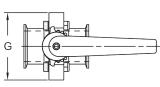
Butterfly Valves

Clamp End with Trigger Handle - [C]

Sanitary Fittings







Size	316L Stainless Steel with Silicone Seats Part #	316L Stainless Steel with FKM Seats Part #	316L Stainless Steel with EPDM Seats Part #
1/2"	B5101S050CC-C	B5101V050CC-C	B5101E050CC-C
3/4"	B5101S075CC-C	B5101V075CC-C	B5101E075CC-C
1"	B5101S100CC-C	B5101V100CC-C	B5101E100CC-C
1½"	B5101S150CC-C	B5101V150CC-C	B5101E150CC-C
2"	B5101S200CC-C	B5101V200CC-C	B5101E200CC-C
21/2"	B5101S250CC-C	B5101V250CC-C	B5101E250CC-C
3"	B5101S300CC-C	B5101V300CC-C	B5101E300CC-C
4"	B5101S400CC-C	B5101V400CC-C	B5101E400CC-C

				Dimensions			
Size	Α	В	С	D	E	F	G
1/2"	6.6"	3.0"	1.7"	0.9"	3.5"	.37"	3.1"
3/4"	6.6"	3.0"	1.7"	0.9"	3.5"	.62"	3.1"
1"	6.6"	3.0"	1.7"	0.9"	3.5"	.90"	3.1"
1½"	6.6"	3.0"	1.7"	0.9"	3.5"	1.40"	3.1"
2"	6.6"	3.5"	1.7"	0.9"	3.8"	1.90"	3.9"
21/2"	6.6"	3.7"	1.7"	0.9"	3.8"	2.40"	4.6"
3"	6.6"	3.9"	1.7"	1.2"	4.1"	2.90"	5.2"
4"	6.6"	4.8"	1.7"	1.2"	4.8"	3.80"	6.7"

Repair Kits for Butterfly Valves

Features:

Repair kit contains:

- (1) seat
- (2) bushings

for valves located on pages 633 and 634



Valve Size	<i>Black EPDM</i> Part #	Red Silicone Part #	<i>Brown FKM</i> Part #
1/2" - 1"	B5101-RKE100	B5101-RKS100	B5101-RKV100
1½"	B5101-RKE150	B5101-RKS150	B5101-RKV150
2"	B5101-RKE200	B5101-RKS200	B5101-RKV200
2½"	B5101-RKE250	B5101-RKS250	B5101-RKV250
3"	B5101-RKE300	B5101-RKS300	B5101-RKV300
4"	B5101-RKE400	B5101-RKS400	B5101-RKV400
6"	B5101-RKE600	B5101-RKS600	
8"	B5107-RKF800		

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Sanitary Fittings

Butterfly Valves

Clamp

Materials:

- contact product surfaces: sanitary finish 316L stainless steel
- seat: silicone, EPDM, FKM

Features:

- all sizes use only 3/4" of line space
- the grooved clamp housing connects directly to the corresponding sanitary clamp size
- PTFE valve disc bushings reduce friction and increase cycle life
- 3-position reversible handle
- 100% tested / 100% inspected
- can be serviced in field (no special tools required)
- can be modified for lockout / tagout
- · various automated options available

Specifications:

- vacuum rating: 0.4 inches Hg @ 68°F (20°C)
- operating temperature range: 15°F to 200°F (-9°C to 93°C)

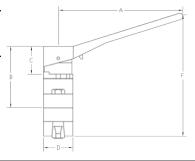
Information supplied based on water media @ 68°F (20°C)

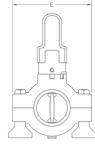
Size	Break Torque (in-lbs.)	Assembly Torque (in-lbs.)	Pressure Rating (PSI)	Flow Coefficent (C_v)	Weight w/standard handle (lbs.)
1"	125	36	140	23	1.5
1½"	185	36	140	80	2
2"	200	21.6	120	230	2.5
2½"	260	21.6	120	264	3
3"	350	28.8	100	372	4
4"	495	43.2	70	800	6

Size	316L Stainless Steel with	316L Stainless Steel with	316L Stainless Steel with
	Silicone Seats	FKM Seats	EPDM Seats
	Part #	Part #	Part #
1"	B5102S100-A	B5102V100-A	B5102E100-A
1½"	B5102S150-A	B5102V150-A	B5102E150-A
2"	B5102S200-A	B5102V200-A	B5102E200-A
2½"	B5102S250-A	B5102V250-A	B5102E250-A
3"	B5102S300-A	B5102V300-A	B5102E300-A
4"	B5102S400-A	B5102V400-A	B5102E400-A



Size		PSI @ 68°F					
0120	Α	В	С	D	E	F	(20°C)
1"	5.6"	2.8"	1.3"	1.3"	3.6"	5.6"	140
1½"	5.6"	2.8"	1.3"	1.3"	3.6"	5.6"	140
2"	5.6"	3.0"	1.3"	1.3"	4.1"	6.1"	120
21/2"	5.6"	3.3"	1.3"	1.3"	4.6"	6.6"	120
3"	5.6"	3.6"	1.3"	1.3"	5.3"	7.1"	100
4"	5.6"	4.1"	1.3"	1.3"	6.4"	8.2"	70





Repair Kits for Clamp Butterfly Valves

Repair kit contains:

- (1) seat
- (2) bushings

Valve	<i>Black EPDM</i>	Red Silicone	<i>Brown FKM</i>
Size	Part #	Part #	Part #
1"	B5102-RKE100	B5102-RKS100	B5102-RKV100
1½"	B5102-RKE150	B5102-RKS150	B5102-RKV150
2"	B5102-RKE200	B5102-RKS200	B5102-RKV200
2½"	B5102-RKE250	B5102-RKS250	B5102-RKV250
3"	B5102-RKE300	B5102-RKS300	B5102-RKV300
4"	B5102-RKE400	B5102-RKS400	B5102-RKV400



B5102-RKS100



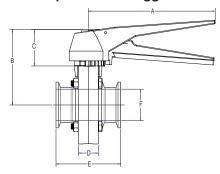


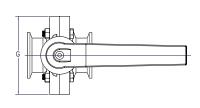
B5115 Series - 304 Stainless Steel Butterfly Valves

Features:

- 100% tested / 100% inspected
- product contact are sanitary finish to <32R_a
- can be serviced in field
- silicone seats
- blue trigger handle
- operating temperature range: 15°F to 200°F (-9°C to 93°C)
- maximum operating pressure: 110 PSI

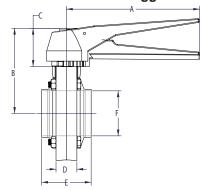
Clamp End with Trigger Handle

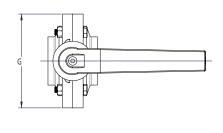




Size	Dimensions						304 Stainless Steel	
5126	Α	В	С	D	E	F	G	Part #
1½"	5.70"	3.40"	1.60"	0.87"	2.80"	1.40"	3.40"	B5115S150CC-C
2"	5.70"	3.60"	1.60"	0.87"	3.00"	1.90"	3.90"	B5115S200CC-C
3"	5.70"	4.20"	1.60"	0.87"	3.30"	2.90"	5.00"	B5115S300CC-C
4"	6.89"	5.51"	1.60"	0.87"	3.62"	3.83"	6.89"	B5115S400CC-C

Weld End with Trigger Handle





Size	Dimensions							304 Stainless Steel
Size	Α	В	С	D	E	F	G	Part #
1½"	5.70"	3.40"	1.60"	0.87"	1.97"	1.40"	3.40"	B5115S150BB-C
2"	5.70"	3.60"	1.60"	0.87"	2.05"	1.90"	3.90"	B5115S200BB-C
3"	5.70"	4.20"	1.60"	0.87"	2.12"	2.90"	5.00"	B5115S300BB-C
4"	6.89"	5.51"	1.60"	0.87"	2.52"	3.83"	6.89"	B5115S400BB-C

Replacement Seats

Size	Part #
1½"	B5115-RKS150
2"	B5115-RKS200
3"	B5115-RK\$300
4"	B5115-RKS400

Note: Cannot be actuated and is supplied with silicone seats only.







HSC Series Spring Check Valve



Features:

- single piece upper body spider design
- machined from solid bar
- standard O-ring and gasket seal design
- can be serviced in field (no special tools required)
- finish: sanitary polish 32 R_a
 suitable for low and medium viscosity fluids
- connection: clamp (standard), others available upon request

Size	Pressure Rating	Cracking Pressure (PSI)	Operating Temperature	316L stainless steel Part #
1/2"	145 PSI	10.0		HSC*050
3/4"		4.0		HSC*075
1"		2.5		HSC*100
1½"		1.0	15°F to 200°F	HSC*150
2"		1.5	(-9°C to 93°C)	HSC*200
2½"		0.8		HSC*250
3"		0.5		HSC*300
4"		0.4		HSC*400



*V=FKM or E=EPDM

Repair Kits

Size	Part #
1/2"	HSC-RK*050
3/4"	HSC-RK*075
1"	HSC-RK*100
1½"	HSC-RK*150
2"	HSC-RK*200
21/2"	HSC-RK*250
3"	HSC-RK*300
4"	HSC-RK*400

1/2"-3/4" repair kit contains:

- (1) body gasket
- (1) plunger O-ring
- (1) spider O-ring

1"-4" repair kit contains:

- (1) body gasket
- (1) plunger O-ring

*V=FKM or E=EPDM

Dimensions

Size	A
1/2"	2.7"
3/4"	2.7"
1"	3.3"
1½"	3.4"
2"	3.4"
21/2"	3.4"
3"	3.4"
4"	4.1"
	•





B45BY Series Y - Ball Check Valve



Applications:

 When liquid flows through the valve, the ball is forced into the branch of the valve allowing full fluid flow. When the liquid stops, equalizing the pressure, the ball drops back into the seat, preventing backflow. Should reverse flow occur, the differential pressure will cause the ball to seal firmly against the seat preventing leakage.

Materials:

- ball: PTFE
- · product contact surfaces: 316L stainless steel

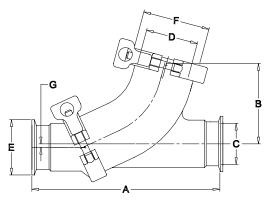
Features

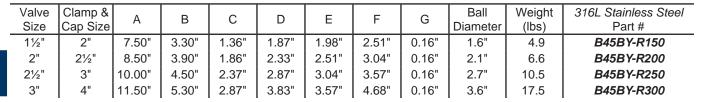
- two-piece construction
- · replaceable seat
- can be serviced in field (no special tools required)

Specifications:

- operating temperature range: 15°F to 200°F (-9°C to 93°C)
- maximum operating pressure: 150 PSI

Dimensions





All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Repair and Seal Kits

Repair kit contains:

- (1) EPDM cap gasket
- (1) PTFE ball
- (1) EPDM/CF8M seat

Seal kit contains:

- (1) EPDM cap gasket
- (1) EPDM/CF8M seat
- FKM seal kit contains:
 - (1) FKM cap gasket
- (1) FKM /CF8M seat

Size	Repair Kit	Seal Kit	FKM Seal Kit	Replacement Ball Only
Size	Part #	Part #	Part #	Part #
1½"	B45BY-RK150	B45BY-SK150	B45BY-SKV150	B45BY-TB150
2"	B45BY-RK200	B45BY-SK200	B45BY-SKV200	B45BY-TB200
2½"	B45BY-RK250	B45BY-SK250	B45BY-SKV250	B45BY-TB250
3"	B45BY-RK300	B45BY-SK300	B45BY-SKV300	B45BY-TB300

B45 Air Blow Check Valves



Fitti

Materials:

- · 316L stainless steel
- · stem seat and gasket: EPDM

Features:

- Conforms to 3A standards for filtration of air entering tanks or pipelines with optional filter disc.
- filter discs sold separately in packs of 50

Specifications:

- maximum operating temperature: 212°F (100°C)
- maximum operating pressure: 145 PSI

Size	Quick-Connect Plug	Female NPT	Hose Barb
5126	Part #	Part #	Part #
1" - 1½"	B45AB-R100150	B45BC-R100150	B45CC-R100150
2"	B45AB-R200	B45BC-R200	B45CC-R200
2½"	B45AB-R250	B45BC-R250	B45CC-R250
3"	B45AB-R300	B45BC-R300	B45CC-R300
4"	B45AB-R400	B45BC-R400	B45CC-R400

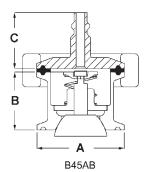


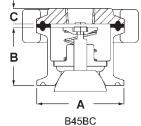


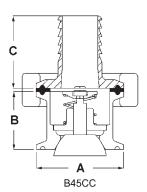


Can be used on the Dixon® B45BY Series Y-Ball Check Valves

Dimensions







Size	А	В	C Plug	C FNPT	C Hose Barb
1"-1½"	1.984"	1.30"	1.26"	.6"	1.7"
2"	2.516"	1.30"	1.26"	.6"	1.7"
21/2"	3.047"	1.30"	1.26"	.6"	1.7"
3"	3.579"	1.30"	1.26"	.6"	1.7"
4"	4.682"	1.30"	1.26"	.6"	1.7"

All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Repair Kit

Repair kit, B45AB-RK, contains:

- (1) EPDM / 316L stainless perforated disc
- (1) 304 stainless spring retainer
- (1) 304 stainless spring
- (1) nylon stem guide
- (1) 316L / EPDM stem and plug

Sizing Chart

When using air blow check valves with ball check valves, refer to the sizing chart below.

Ball Check Valve size	Air Blow Check Valve size
1½"	2"
2"	21/2"
2½"	3"
3"	4"

Air & Vacuum Relief Tank Vent Valves

Applications:

· When product filling or emptying a tank, this valve is used to relieve pressure or vacuum

Features:

- · Triple Action:
 - valve relieves pressure as the fluid level rises while filling a tank
 - valve relieves vacuum as the fluid level drops while emptying a tank
 - seals under equal pressure
- stainless steel screen surrounds the entire vacuum and pressure flow area
- · other sanitary connections optional
- 1/4" FNPT connection for gas inlet, plug also supplied
- · repair kits available

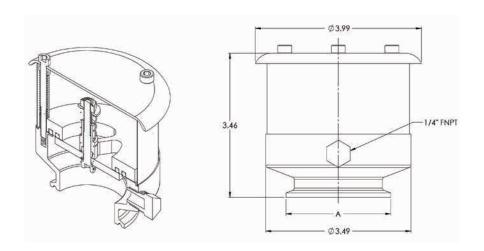
Materials:

• 304 stainless steel, EPDM elastomer

Specifications:

- vacuum break: 2" water column, 0.1 PSI
- pressure relief: 22" water column, 0.8 PSI
- maximum temperature and pressure rating: 3 PSI @ 70°F (21°C)
- · maximum flow rate: 500 GPM





Tube OD	Dimension A	304 Stainless Steel Part #
2"	2.52"	TVSEC-G200
3"	3.58"	TVSEC-G300
4"	4.68"	TVSEC-G400



Due to the impossible determination of whether a tank was damaged due to the tank vent or the lack of opening the upper manhole during product transfer, Dixon Sanitary assumes no liability for tank damage or product loss.

All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Air & Vacuum Relief Tank Vent Valve

Material:

• light weight, robust PVC and 304 stainless steel construction

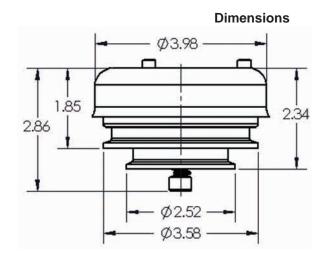
- dome helps in preventing external contamination
- can use any clamp gasket

Specifications:

• maximum flow rate: 500 GPM • vacuum break: 0.1 PSI • pressure relief: 0.1 PSI

Size	304 Stainless Steel Part #
2" - 3"	TVPC200-300





Due to the impossible determination of whether a tank was damaged due to the tank vent or the lack of opening the upper manhole during product transfer, Dixon Sanitary assumes no liability for tank damage or product loss.









single port



double port

3A Sample Valves with Manual Handle

Applications:

- The 3A sample valve allows easy and safe sampling of liquids from closed systems such as vessels and pipelines.
- These valves are located in the pharmaceutical, bio-pharmaceutical, biochemical, cosmetic, food, dairy and beverage markets.

Features:

- valve body made from solid bar
- no dead space
- drainable
- · connections suitable for orbital welding
- · available with single or dual ports
- · hermetically sealed against environment
- · optimum cleanability
- change of seals without special tools
- long life of the PTFE-bellows
- low spare part costs
- options for pneumatic actuator: no lever, with self-closing lever and with lever for open position
- · manual actuator (hand wheel)

Materials:

- In product contact: 1.4404/AISI 316L
- Non product contact: 1.4301/AISI 304
- Product contact seals: PTFE bellows
- Surfaces: wetted product surfaces: Ra <= 32 (optional surface finishes available). Non product contact: R_a <= 63

Specifications:

- Closing tension operating pressure: maximum 116 PSI
- Hand wheel version operating pressure: minimum 87 PSI, maximum 232 PSI
- Controlled air pressure: maximum 145 PSI

Controlled all pressure. Maximum 143 F31			
Clamp	Weld Port	Single Port	Dual Port
Valve Size	Size	Part #	Part #
1/2"	1/4"	BSVS-HC050B025	BSVD-HC050B025
1/2"	3/8"	BSVS-HC050B375	BSVD-HC050B375
1/2"	1/2"	BSVS-HC050B050	BSVD-HC050B050
1" - 1½"	1/4"	BSVS-HC100B025	BSVD-HC100B025
1" - 1½"	3/8"	BSVS-HC100B375	BSVD-HC100B375
1" - 1½"	1/2"	BSVS-HC100B050	BSVD-HC100B050
2"	1/4"	BSVS-HC200B025	BSVD-HC200B025
2"	3/8"	BSVS-HC200B375	BSVD-HC200B375
2"	1/2"	BSVS-HC200B050	BSVD-HC200B050
2½"	1/4"	BSVS-HC250B025	BSVD-HC250B025
2½"	3/8"	BSVS-HC250B375	BSVD-HC250B375
21/2"	1/2"	BSVS-HC250B050	BSVD-HC250B050
3"	1/4"	BSVS-HC300B025	BSVD-HC300B025
3"	3/8"	BSVS-HC300B375	BSVD-HC300B375
3"	1/2"	BSVS-HC300B050	BSVD-HC300B050
4"	1/4"	BSVS-HC400B025	BSVD-HC400B025
4"	3/8"	BSVS-HC400B375	BSVD-HC400B375
4"	1/2"	BSVS-HC400B050	BSVD-HC400B050

Electrically Actuated Stainless Steel Ball Valves

2-Piece

Features:

2-Piece Stainless Steel Ball Valve

- body, ends and ball: CF8M stainless
- seats: RTFE
- · seals: PTFE
- blow-out proof stem
- ISO 5211 mounting pad
- pressure rating: ½" 2" 1000 PSI WOG, 2½" 3" 800 PSI WOG
- temperature range: ½" to 2": -40°F to 350°F (-40°C to 177°C), 3" to 4": -40°F to 325°F (-40°C to 163°C)

Electric Actuator

- housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
- · gear train: high alloy steel
- · H-insulation class
- · visual position indication
- · space heater is standard
- temperature range: -41°F to 140°F (-41°C to 60°C)
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



3-Piece

Features:

3-Piece Stainless Steel Ball Valve

- · body and ball: CF8M stainless steel
- · stem: 316 stainless steel
- · seat: RTFE
- blow-out proof stem
- · live-loaded stem packing
- ISO 5211 mounting pad
- swing out design allows easy maintenance
- maximum pressure: 1/4" 2" 1,000 PSI WOG at 65°F, 2½" - 3" 800 PSI WOG at 65°F, 4" 600 PSI WOG at 65°F
- temperature range: ½" to 2": -40°F to 350°F (-40°C to 177°C), 3" to 4": -40°F to 325°F (-40°C to 163°C)

Electric Actuator

- · housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
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- · visual position indication
- · space heater is standard
- temperature range: -41°F to 140°F (-41°C to 60°C)
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



A wide variety of options are available: voltages, modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.



DPL418 877.963.4966 • dixonvalve.com 643



Sanitary Fittings



Features:

2-Piece Brass Ball Valve

• 1/2" to 2" brass; 3" bronze

· elastomers: FKM

stem: blow-out proof brass

· seats: PTFE with double O-ring stem packing

ISO 5211 mounting pad

pressure rating: - 600 PSI WOG, 150 PSI WOG

maximum temperature: 300°F (149°C)

Electric Actuator

housing: lightweight powder coated aluminum alloy

NEMA 4/4X waterproof and dustproof

· gear train: high alloy steel

· H-insulation class

· visual position indication

· space heater is standard

temperature range: -41°F to 140°F (-41°C to 60°C)

• ISO 9001, CS, CE and CSA-C US Certified

· RoHS compliant

A wide variety of options are available: voltages, modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.



For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.

Sanitar Fittings

Electrically Actuated 3-Way Ball Valves - 'T / L' Port

3-Way Stainless Steel

Features:

3-Way Stainless Steel Ball Valve

- · body and ball: CF8M stainless steel
- · seats and seals: RTFE
- full port with FNPT ends
- · blow-out proof stem
- · live-loaded stem packing
- ISO 5211 mounting pad
- working pressure: ½" to 1": 1000 PSI WOG; 1½" to 2": 800 PSI WOG
- maximum temperature: 350°F (177°C)

Electric Actuator

- housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
- · gear train: high alloy steel
- · H-insulation class
- · visual position indication
- space heater is standard
- temperature range: -41°F to 140°F (-41°C to 60°C)
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



Features:

3-Way Brass Ball Valve

- · body: brass
- seats: PTFE with O-ring backing
- · reduced port ball valves with FNPT ends
- blow-out proof stem
- ISO 5211 mounting pad
- pressure rating: 400 PSI WOG, 100 PSI WSP
- maximum temperature: 300°F (149°C)

Electric Actuator

- · housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
- · gear train: high alloy steel
- H-insulation class
- · visual position indication
- · space heater is standard
- temperature range: -41°F to 140°F (-41°C to 60°C)
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



A flow path needs to be selected at time of order. See page 651 for flow path options.

Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.

A wide variety of options are available: voltages, modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.

Pneumatically Actuated Stainless Steel Ball Valves

2-Piece

Features:

3-Piece Stainless Steel Ball Valve

- body, ends and ball: CF8M stainless
- seats: RTFE
- · seals: PTFE
- blow-out proof stem
- · live-loaded stem packing
- ISO 5211 mounting pad
- pressure rating: ½" 2" 1000 PSI WOG, 2½" 3" 800 PSI WOG
- temperature range: ¼" to 2": -40°F to 350°F (-40°C to 177°C), 2½" to 3": -40°F to 325°F (-40°C to 163°C)

Rack and Pinion Actuator

- body: hard anodized aluminum
- anti-blowout pinion: nickel plated anti-blowout pinion
- O-rings: Buna-N
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- . 80 PSI plant air required
- · visual position indication
- maximum operating pressure: 120 PSI
- temperature range: -40°F to 200°F (-40°C to 93°C)
- · tested to one million cycles
- for spring return actuators must note fail position

3-Piece

Features:

3-Piece Stainless Steel Ball Valve

- · body and ball: CF8M stainless steel
- stem: 316 stainless steel
- seat: RTFE
- blow-out proof stem
- · live-loaded stem packing
- ISO 5211 mounting pad
- swing out design allows easy maintenance
- maximum pressure: 1/4" 2" 1,000 PSI WOG at 65°F,
- 2½" 3" 800 PSI WOG at 65°F, 4" 600 PSI WOG at 65°F
- temperature range: ½" to 2" -40°F to 350°F (-40°C to 177°C), 3" to 4": -40°F to 325°F (-40°C to 163°C)

Rack and Pinion Actuator

- body: hard anodized aluminum
- anti-blowout pinion: nickel plated
- O-rings: Buna-N
- NAMUR mounting
- $\bullet\,$ bi-directional stops for $\pm 5^{o}$ travel adjustment
- 80 PSI plant air required
- · visual position indication
- · maximum operating pressure: 120 PSI
- temperature range: -40°F to 200°F (-40°C to 93°C)
- tested to one million cycles
- · for spring return actuators must note fail position

A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.





Pneumatically Actuated Brass Ball Valves

Features:

2-Piece Brass Ball Valve

- body: ¼ " to 2" brass, 2½" 4" bronze
- · seats: PTFE
- ends: FNPT
- brass ball
- FKM elastomers
- blow-out proof stem
- · PTFE seats with double O-ring stem packing
- · ISO 5211 mounting pad
- pressure rating: 600 PSI WOG, 150 PSI WSP
- maximum temperature: 300°F (149°C)

Rack and Pinion Actuator

- body: hard anodized aluminum
- · anti-blowout pinion: nickel plated
- · O-rings: Buna-N
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- 80 PSI plant air required
- visual position indication
- · maximum operating pressure: 120 PSI
- temperature range: -40°F to 200°F (-40°C to 93°C)
- · tested to one million cycles
- for spring return actuators must note fail position



A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and

therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.



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Pneumatically Actuated 3-Way Stainless Steel Ball Valves - 'T / L' Port

Features:

3-Way Stainless Steel Ball Valve

- · full port ball valves with FNPT ends
- · body and ball: CF8M stainless steel
- · seats and seals: RTFE
- · blow-out proof stem
- · live-loaded stem packing
- ISO 5211 mounting pad
- working pressure: 1/4" to 1": 1000 PSI WOG; 11/4" to 2": 800 PSI WSP
- maximum temperature: 350°F (177°C)



- body: hard anodized aluminum
- · anti-blowout pinion: nickel plated
- · O-rings: Buna-N
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- 80 PSI plant air required
- · visual position indication
- maximum operating pressure: 120 PSI
- temperature range: -40°F to 200°F (-40° to 93°C)
- · tested to one million cycles
- · for spring return actuators must note fail position
- A flow path needs to be selected at time of order. See page 651 for flow path options.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.

A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.



For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.





Pneumatically Actuated 3-Way Brass Ball Valves - 'T / L' Port

Features:

3-Way Brass Ball Valve

- · reduced port brass ball valves with FNPT ends
- · blow-out proof stem
- · body: brass
- · seats: PTFE with O-ring backing
- · ball: chrome-plated brass
- PTFE seats with O-ring backing for low operating torque
- ISO 5211 mounting pad
- pressure rating: 400 PSI WOG 100 PSI WSP
- maximum temperature: 300°F (149°C)

Rack and Pinion Actuator

- body: hard anodized aluminum
- anti-blowout pinion: nickel plated
- O-rings: Buna-N
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- 80 PSI plant air required
- · visual position indication
- · maximum operating pressure: 120 PSI
- temperature range: -40°F to 200°F (-40°C to 93C)
- · tested to one million cycles
- · for spring return actuators must note fail position
- A flow path needs to be selected at time of order. See page 651 for flow path options.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.



A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other

viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.





Pneumatically Actuated Wafer Butterfly Valves

Rack and Pinion Actuator

Features:

- bi-directional stops for ± 5° travel adjustment
- 80 PSI plant air required
- body: hard anodized aluminum
- anti-blowout pinion: nickel plated
- O-rings: Buna-N
- · maximum operating pressure: 120 PSI
- temperature range: -40°F to 200°F (-40°C to 93°C)
- Namur mounting
- visual position indication
- tested to 1 million cycles
- · for spring return actuators must note fail position



Wafer

Features:

- installs between standard ANSI Class 150# flanges
- · seat backing ring ensures blow-out proof service
- conforms to MSS-SP-67, MSS-SP-25, API-609
- body with extended neck: ductile iron
- · disc: nickel plated ductile iron
- replaceable seat: EPDM
- replaceable seat. Er i
- no taper pins
- · can be serviced in the field
- maximum operating pressure: 200 PSI (bi-directional)
- temperature range: -20°F to 250°F (-29°C to 121°C)
- · a wide variety of seat, disc and body materials are available



Lug

Features:

- installs between standard ANSI Class 150# flanges
- seat backing ring ensures blow-out proof service
- conforms to MSS-SP-67, MSS-SP-25, API-609
- body with extended neck: ductile iron
- · disc: nickel plated ductile iron
- · replaceable seat: EPDM
- no taper pins
- · can be serviced in the field
- maximum operating pressure: 200 PSI (bi-directional)
- temperature range: -20°F to 250°F (-29°C to 121°C)
- · a wide variety of seat, disc and body materials are available

A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Sanitary Fittings

BV3/4 Series Multi-port Sanitary Stainless Steel Ball Valves

Flow Paths

3-way 'L'-port position A



3-way 'L'-port position B



3-way 'L'-port position C



3-way 'T'-port position A



3-way 'T'-port position B



3-way 'T'-port position C



3-way 'T'-port position D



4-way 'L'-port position A



4-way 'L'-port position B



4-way 'L'-port position C



4-way 'L'-port position D



4-way 'T'-port position A



4-way 'T'-port position B



4-way 'T'-port position C



4-way 'T'-port position D



Actuated Valve Accessories

Limit Switches

Features:

- · visual position indicator
- 3D open/close indication
- quick-set cam
- mechanical SPDT switches (standard)
- multipoint terminal strip
- various switch options available
- cable entry: (2) 1/2" NPT

Enclosures available:

NEMA 4 4/X

- · water and dust tight for indoor or outdoor use
- corrosion resistant

NEMA 7

- · water and dust tight for indoor or outdoor use
- corrosion resistant
- for use in indoor hazardous locations
- explosion proof

Enclosure	Part #
NEMA 4/4X	XLS-B4A0120P
NEMA 7	XLS-C7A0120P



XLS-B4A0120P

Solenoids

Features:

- pressure range: 30 PSI to 150 PSI
- duty cycle: 100% extended duty
- voltages available: 12VDC, 24VDC, 24VAC, 48VAC, 110VAC, 220VAC
- electroless nickel plated spool
- easy-to-use manual override
- port sizes: inlet and exhaust 1/4" NPT
 - NEMA 4 4/X Enclosure
 - · water and dust tight for indoor or outdoor use
 - corrosion resistant

single coil 115VAC XSO-4S4D-0A single coil 24VDC XSO-4S4B-0A
single coil 24VDC XSO-4S4B-0A
dual coil 115VAC XSO-4D4D-0A
dual coil 24VDC XSO-4D4B-0A



Positioners

Features:

- air capacity:
 - at 29 PSI (200kPa): 9.5 SCFM at 87 PSI (600kPa): 28.3 SCFM at 145 PSI (1MPa): 47.1 SCFM air connections: 1/4" NPT
- gauges: 1/8" NPT
- cable entry: 1/2" NPT

Electro-Pneumatic

- input range: 4-20mA (Ri<250ohms)
- supply pressure: 21.8 to 145 PSI (0.15 to 1MPa)
- linearity error: <1.0% f.s
- hysteresis: <0.6% f.s
- repeatability: <0.5% f.s

Pneumatic

- input range: 3 to 15 PSI (20-100kPa)
- supply pressure: < 145 PSI (<1MPa)
 linearity error: <0.7% f.s
- hysteresis: <0.4% f.s
- repeatability: <0.3% f.s

Positioner Type	Part #
Electro-Pneumatic	XPO-E4F
Pneumatic	XPO-P4F



Threaded Pipe Fittings	654 to 680	Pipe Couplings	. 686 to 687
NPT threaded bell reducers	654 to 655	Straub Grip-L	686
Adapters	655	Straub Open-Flex	687
NPT threaded couplings - both ends	656		
Merchant couplings	656	Flanges & Flange Adapters	s 688 to 689
Threaded unions	657	150 lb. ASA	688 to 689
NPT threaded reducing union	657	King™ turned back weld-to-metal hose nipp	oles 689
Hex couplings	657		
Reducer hex bushings	658 to 659	Grooved Fittings	. 690 to 702
Adapters	659	Quick release	690
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Pipe, Welding & Tube Fittings

NPT Threaded Bell Reducers

- other sizes available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability



300# iron



150# iron



150# galvanized iron

Female	Female	300# Iron	150# Iron	150# Galvanized Iron
NPT	NPT	Part #	Part #	Part #
1/4"	1/8"		BR1418	
3/8"	1/8"		BR3818	
78	1/4"		BR3825	
1/2"	1/4"	300BR5025	BR5025	BR5025G
	3/8"		BR5038	BR5038G
	1/4"		BR7525	
3/4"	3/8"		BR7538	
	1/2"	300BR7550	BR7550	BR7550G
	1/4"		BR1025	
1"	3/8"		BR1038	
ı	1/2"		BR1050	BR1050G
	3/4"	300BR1075	BR1075	BR1075G
	1/2"		BR1250	
11/4"	3/4"		BR1275	
	1"	300BR1210	BR1210	BR1210G
1½"	3/4"		BR1575	
	1"	300BR1510	BR1510	BR1510G
	11/4"	300BR1512	BR1512	BR1512G
	3/4"		BR2075	
0"	1"	300BR2010	BR2010	BR2010G
2"	11/4"	300BR2012	BR2012	
	1½"	300BR2015	BR2015	BR2015G
	1"		BR2510	
21/2"	1½"		BR2515	
	2"		BR2520	BR2520G
	1"		BR3010	
	11/4"		BR3012	
3"	1½"		BR3015	
	2"		BR3020	BR3020G
	2½"		BR3025	BR3025G
	1"		BR4010	
	1½"		BR4015	
4"	2"		BR4020	
•	2½"		BR4025	
	3"		BR4030	BR4030G
	3"		BR6030	
6"	4"		BR6040	



K

NPT Threaded Bell Reducers

Features:

- · other sizes available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Female NPT	Female NPT	150# 316 Stain.Steel Part #	3000# Forged Steel Part #	<i>125# Brass</i> Part #
1/4"	1/8"			
3/8"	1/8"			
78	1/4"	BR3825SS		
1/"	1/4"	BR5025SS		
1/2"	3/8"	BR5038SS	BR5038FS	BR5038B1
3/4"	3/8"	BR7538SS		3771206C
%	1/2"	BR7550SS	BR7550FS	BR7550B1
4 !!	1/2"	BR1050SS		BR1050B
1"	3/4"	BR1075SS	BR1075FS	BR1075B
11/4"	1"	BR1210SS		BR1210B
	3/4"			BR1575B
1½"	1"	BR1510SS	BR1510FS	BR1510B
	11/4"	BR1512SS	BR1512FS	
2"	1"	BR2010SS	BR2010FS	BR2010B
2	1½"	BR2015SS	BR2015FS	BR2015B
2½"	2"			BR2520B
3"	2"	BR3020SS		BR3020B
4"	3"			BR4030B



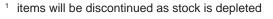
150# 316 stainless steel



3000# forged steel



125# brass



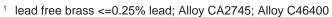
AdaptersReducer Couplings

Feature:

• ref SAE 130138

Female NPTF	Previous Part #	Brass Part #	Optional Qty	Lead Free Brass ^{1, 2, 3} Part #
1/4" x 1/8"	RC2F1F	3770402C	50	
3/8" X 1/8"	RC3F1F	3770602C	50	
3/8" X 1/4"	RC3F2F	3770604C	50	
½" x ¼"	RC4F2F	3770804C	25	
½" x ¾"	RC4F3F	3770806C	10	3770806CLF
3/4" X 3/8"	RC6F3F	3771206C	10	
3/4" X 1/2"	RC6F4F	3771208C	10	3771208CLF





² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant





³ NPT threads



Pipe, Welding & Tube Fittings



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel



3000# forged steel



125# brass

NPT Threaded Couplings

Female NPT	<i>300# Iron</i> Part #	<i>150# Iron</i> Part #	150# Galvanized Iron Part #
1/8"		RHC18	RHC18G
1/4"	300RHC25	RHC25	RHC25G
3/8"	300RHC38	RHC38	RHC38G
1/2"	300RHC50	RHC50	RHC50G
34" 1" 114" 11⁄2" 2" 2½"	300RHC75	RHC75	RHC75G
	300RHC100	RHC100	RHC100G
	300RHC125	RHC125	RHC125G
	300RHC150	RHC150	RHC150G
	300RHC200	RHC200	RHC200G
		RHC250	
3"		RHC300	RHC300G
4"		RHC400	RHC400G
5"		RHC500	
6"		RHC600	

	1		
Female NPT	150# 316 Stain.Steel	3000# Forged Steel	125# Brass
remale NPT	Part #	Part #	Part #
1/4"	RHC25SS	RHC25FS	RHC25B
3/8"	RHC38SS	RHC38FS	RHC38B
1/2"	RHC50SS	RHC50FS	RHC50B
3/4"	RHC75SS	RHC75FS	RHC75B
1"	RHC100SS	RHC100FS	RHC100B
11/4"	RHC125SS	RHC125FS	RHC125B
1½"	RHC150SS	RHC150FS	RHC150B
2"	RHC200SS	RHC200FS	RHC200B
3"	RHC300SS		
4"	RHC400SS		

Merchant Couplings

• other sizes are also available, consult Dixon® for pricing



Female NPSM	<i>Black Iron</i> Part #	
1/4"	MRCH25	
3/8"	MRCH38	
1/2"	MRCH50	
3/4"	MRCH75	
1"	MRCH100	
1¼"	MRCH125	
1½"	MRCH150	
2"	MRCH200	
3"	MRCH300 ¹	

- ¹ has female NPT thread
- For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Unions

Features:

- · other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Female NPT	300# Iron Part #	150# Iron Part #	150# Galvanized Iron Part #
1/8"		MIU18	
1/4"		MIU25	
3/8"		MIU38	TUN038G
1/2"	300MIU50	MIU50	TUN050G
3/4"	300MIU75	MIU75	TUN075G
1"	300MIU100	MIU100	TUN100G
11/4"		MIU125	TUN125G
1½"	300MIU150	MIU150	TUN150G
2"		MIU200	TUN200G
21/2"		MIU250	
3"	300MIU300	MIU300	
4"	***	MIU400	

Female NPT	150# 316 Stainless Steel Part #	3000# Forged Steel Part #	125# Brass Part #
1/4"	TUN025SS		TUN2F
3/8"	TUN038SS		TUN3F
1/2"	TUN050SS	TUN050FS	TUN4F
3/4"	TUN075SS	TUN075FS	TUN5F
1"	TUN100SS	TUN100FS	TUN6F
11/4"	TUN125SS		TUN7F
1½"	TUN150SS	TUN150FS	TUN8F
2"	TUN200SS	TUN200FS	TUN9F
1" 1¼" 1½"	TUN100SS TUN125SS TUN150SS	TUN100FS TUN150FS	TUN6F TUN7F TUN8F



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel



3000# forged steel



brass

NPT Threaded Reducing Union

Female Hex Couplings

Female NPT	Female NPT	150# Iron Part #
3/4"	1/2"	MIRU7550



Feature:

ref SAE 130138

NPTF	В	rass	Pkg	Lead Free Brass 1, 2, 3
	Previous Part #	Part #	Qty	Part #
½" x ½"	BA1F1F	3710202C	25	3710202CLF
1/4" x 1/4"	BA2F2F	3710404C	25	3710404CLF
3/8" X 3/8"	BA3F3F	3710606C	25	3710606CLF
½" x ½"	BA4F4F	3710808C	25	3710808CLF
3/4" X 3/4"	BA6F6F	3711212C	10	



lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
 conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
 NPT threads







Pipe, Welding & Tube Fittings



150# iron



150# galvanized iron



150# 316 stainless steel



3000# forged steel



125# brass

NPT Threaded Reducer Hex Bushings

Male	Female	<i>150# Iron</i>	150# Galvanized Iron	150# 316 Stainless Steel
NPT	NPT	Part #	Part #	Part #
1/4"	1/8"	HB2518	HB2518G	HB2518SS
3/8"	1/8"	HB3818		
	1/4"	HB3825	HB3825G	HB3825SS
1/2"	1/8"	HB5018		
	1/4"	HB5025	НВ5025G	HB5025SS
	3/8"	HB5038	НВ5038G	HB5038SS
3/4"	1/8"	HB7518		
	1/4"	HB7525	HB7525G	HB7525SS
	3/8"	HB7538	HB7538G	HB7538SS
	1/2"	HB7550	HB7550G	HB7550SS
1"	1/8" 1/4" 3/8" 1/2" 3/4"	HB1018 HB1025 HB1038 HB1050 HB1075	 HB1025G HB1038G HB1050G HB1075G	HB1025SS HB1038SS HB1050SS HB1075SS
11/4"	½"	HB1250		
	3/4"	HB1275		HB1275SS
	1"	HB1210	HB1210G	HB1210SS
1½"	1/2"	HB1550		
	3/4"	HB1575	HB1575G	HB1575SS
	1"	HB1510	HB1510G	HB1510SS
	11/4"	HB1512	HB1512G	HB1512SS
2"	1/2"	HB2050	HB2050G	
	3/4"	HB2075	HB2075G	HB2075SS
	1"	HB2010	HB2010G	HB2010SS
	11/4"	HB2012	HB2012G	HB2012SS
	11/2"	HB2015	HB2015G	HB2015SS
2½"	1½"	HB2515		
	2"	HB2520	HB2520G	HB2520SS
3"	1"	HB3010		
	1½"	HB3015		
	2"	HB3020	HB3020G	HB3020SS
	2½"	HB3025		HB3025SS
4"	1"	HB4010		
	1½"	HB4015		
	2"	HB4020	HB4020G	HB4020SS
	2½"	HB4025		
	3"	HB4030	HB4030G	HB4030SS
5"	4"	HB5040		
6"	3" 4"	HB6030 HB6040		

Male	Female	3000# Forged Steel	125# Brass
NPT	NPT	3000# Forged Steel Part #	Part #
1/4"	1/8"	HB2518FS	
2/11	1/8"		
3/8"	1/4"	HB3825FS	
	1/8"		
1/2"	1/4"	HB5025FS	
	3/8"	HB5038FS	
	1/8"		
3/4"	1/4"	HB7525FS	
/4	3/8"	HB7538FS	
	1/2"	HB7550FS	
	1/4"	HB1025FS	
1"	3/8"	HB1038FS	
1	1/2"	HB1050FS	
	3/4"	HB1075FS	
41/11	3/4"	HB1275FS	
1¼"	1"	HB1210FS	HB1210B
	3/4"	HB1575FS	HB1575B
1½"	l 1"	HB1510FS	HB1510B
.,_	11/4"	HB1512FS	HB1512B
	1/2"		HB2050B
	3/4"	HB2075FS	HB2075B
2"	1"	HB2010FS	HB2010B
_	11/4"	HB2012FS	HB2012B
	1½"	HB2015FS	HB2015B
	1½"		HB2515B
21/2"	2"	HB2520FS	HB2520B
0"	2"	HB3020FS	HB3020B
3"	2½"	HB3025FS	HB3025B
4.11	2"		HB4020B
4"	3"	HB4030FS	HB4030B

[•] For additional information on pipe dimensions please reference dixonvalve.com.

Reducer Hex Bushings

Feature:

• ref SAE 130140

Female	Male		Brass		Lead Free Brass ^{2, 3, 4}
NPTF	NPTF	Previous Part #	Part #	Optional Qty	Part #
1/8"	1/4"	HB1F2M	3730402C	100	3730402CLF
1/8"	3/8"	HB1F3M	3730602C	100	
1/4"	78	HB2F3M	3730604C	100	3730604CLF
1/8"		HB1F4M	3730802C	25	
1/4"	1/2"	HB2F4M	3730804C	50	3730804CLF
3/8"		HB3F4M	3730806C	50	3730806CLF
1/8"		HB1F6M	3731202C 1	25	
1/4"	3/4"	HB2F6M	3731204C	25	
3/8"	74	HB3F6M	3731206C	25	
1/2"		HB4F6M	3731208C	25	3731208CLF
1/4"		HB2F8M	3731604C 1	10	
3/8"	4"	HB3F8M	3731606C 1	10	
1/2"	'	HB4F8M	3731608C	10	
3/4"		HB6F8M	3731612C	10	



- ¹ SAE does not provide a standard for these sizes
- ² lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- onforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
- ⁴ NPT threads

Adapters

Female NPTF x Male NPTF

Feature:

• ref SAE 130139

Female NPTF	Male NPTF	Previous Part #	Brass Part #	Optional Qty	Lead Free Brass 1, 2, 3 Part #
				400	ı aıı #
1/8"	1/8"	RA1F1M	3750202C	100	
1/4"	1/8"	RA2F1M	3750402C	50	3750402CLF
/4	1/4"	RA2F2M	3750404C	50	3750404CLF
	1/8"	RA3F1M	3750602C	50	
3/8"	1/4"	RA3F2M	3750604C	50	3750604CLF
	3/8"	RA3F3M	3750606C	50	
	1/4"	RA4F2M	3750804C	25	
1/2"	3/8"	RA4F3M	3750806C	25	
	1/2"	RA4F4M	3750808C	25	3750808CLF
	3/8"	RA6F3M	3751206C	10	
3/4"	1/2"	RA6F4M	3751208C	10	
	3/4"	RA6F6M	3751212C	10	3751212CLF



- ¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- ² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
- 3 NPT threads

Pump Adapters

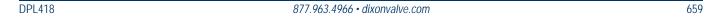
Features:

- used to convert BSP pump outlets to NPT
- hard-coated, extruded 6061-T6 aircraft aluminum alloy
- other sizes, configurations are available, contact Dixon®

Female BSP	Male NPT	Aluminum Part #
1½"	1½"	AHA15BSP15T
2"	2"	AHA20BSP20T
2½"	2½"	AHA25BSP25T
3"	3"	AHA30BSP30T
4"	4"	AHA40BSP40T



• For additional information on pipe dimensions please reference dixonvalve.com.







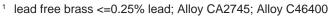
Pipe Nipples

Long Pipe Nipples

· carbon steel and stainless steel nipples are available on page 661

NDT	l an ath	<u> </u>	Brass	Optional	Lead Free Brass 1, 2
NPT	Length	Previous Part #	Part #	Qty	Part #
	1½"	166-0215	1660215C	25	
1/8"	2"	166-0220	1660220C	25	
	2½"	166-0225	1660225C	25	
	3"	166-0230	1660230C	25	1660230CLF
	3½"	166-0235	1660235C	10	
	4"	166-0240	1660240C	10	1660240CLF
	1½"	166-0415	1660415C	25	1660415CLF
	2"	166-0420	1660420C	25	1660420CLF
	2½"	166-0425	1660425C	25	
1/4"	3"	166-0430	1660430C	25	1660430CLF
	3½"	166-0435	1660435C	10	
	4"	166-0440	1660440C	10	1660440CLF
	5"	166-0450	1660450C	5	
	1½"	166-0615	1660615C	25	1660615CLF
3/8"	2"	166-0620	1660620C	25	1660620CLF
	21/2"	166-0625	1660625C	10	1660625CLF
	3"	166-0630	1660630C	10	1660630CLF
	3½"	166-0635	1660635C	10	
	4"	166-0640	1660640C	5	1660640CLF
	1½"	166-0815	1660815C	10	1660815CLF
	2"	166-0820	1660820C	10	
1/2"	2½"	166-0825	1660825C	10	
/2	3"	166-0830	1660830C	10	
	3½"	166-0835	1660835C	10	
	4"	166-0840	1660840C	5	
	2"	166-1220	1661220C	5	
3/4"	2½"	166-1225	1661225C	5	
/4	3"	166-1230	1661230C	5	
	3½"	166-1235	1661235C	5	
	2"		TN100X2B		
1"	3"		TN100X3B		





4"

2"

3"

3"

4"

1½"

2"

TN100X4B

TN150X2B

TN150X3B

TN200X3B

TN200X4B TN200X6B

Female NPTF x Male NPSM Adapters



Female NPTF	Male NPSM	Previous Part #	Brass Part #	Optional Qty
1/4"	1/4"	174-0404	1740404C	100
3/8"	3/8"	174-0606	1740606C	50
1/2"	1/2"	174-0808	1740808C	50

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

[•] For additional information on pipe dimensions please reference dixonvalve.com.



Pipe Nipples - Threaded Both Ends

Features:

- made from schedule 40 welded pipe
- male NPT x male NPT design
- brass nipples are available, see page 666
- other lengths are also available, consult Dixon® for pricing

Note: do not use pipe nipples as hose inserts.



	I	0 1 0: 1	040 04 14 04 4
Male	Overall	Carbon Steel	316 Stainless Steel
NPT	Length	Part #	Part #
1/4"	2"	TN025X2	
/4	6"		TN025X6SS
	2"	TN038X2	
3/8"	4"	TN038X4	
	6"	TN038X6	
	2"	TN050X2	TN050X2SS
1/2"	3"	TN050X3	TN050X3SS
/2	4"	TN050X4	TN050X4SS
	6"	TN050X6	TN050X6SS
	2"	TN075X2	TN075X2SS
3/4"	3"	TN075X3	TN075X3SS
/4	4"	TN075X4	TN075X4SS
	6"	TN075X6	TN075X6SS
	2"	TN100X2	TN100X2SS
4"	3"	TN100X3	TN100X3SS
1"	4"	TN100X4	TN100X4SS
	6"	TN100X6	TN100X6SS
	2"	TN125X2	TN125X2SS
11/4"	3"	TN125X3	TN125X3SS
1 74	4"	TN125X4	TN125X4SS
	6"	TN125X6	TN125X6SS
	2"	TN150X2	TN150X2SS
1½"	3"	TN150X3	TN150X3SS
1 /2	4"	TN150X4	TN150X4SS
	6"	TN150X6	TN150X6SS
	3"	TN200X3	TN200X3SS
	4"	TN200X4	TN200X4SS
2"	5"	TN200X5	TN200X5SS
	6"	TN200X6	TN200X6SS
	8"	TN200X8	
	3"	TN300X3	TN300X3SS
3"	4"	TN300X4	TN300X4SS
	6"	TN300X6	TN300X6SS
	4"	TN400X4	TN400X4SS
4"	6"	TN400X6	TN400X6SS
	8"	TN400X8	
6"	6"	TN600X6	
0	8"	TN600X8	



carbon steel



stainless steel



661

Close Pipe Nipples

NPT		Brass	Optional	Lead Free Brass 1,2
NPI	Previous Part #	Part #	Qty	Part #
1/8"	165-0202	1650202C	50	1650202CLF
1/4"	165-0404	1650404C	50	1650404CLF
3/8"	165-0606	1650606C	100	1650606CLF
1/2"	165-0808	1650808C	25	1650808CLF
3/4"	165-1212	1651212C	25	1651212CLF
1"	165-1616	1651616C	25	
1½"		CN150B	5	
2"		CN200B	5	
3"	l	CN300B	5	



¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

[•] For additional information on pipe dimensions please reference dixonvalve.com.



Features:

- **Close Nipples**
- made from schedule 40 welded pipe • male NPT x male NPT design

Male	Overall	Carbon Steel	Galvanized	316 Stainless Steel	Optional
NPT	Length	Part #	Part #	Part #	Qty
1/8"	3/4"			CN012SS	1
1/4"	7/8"	CN025	CN025G	CN025SS	25
3/8"	1"	CN037		CN037SS	25
1/2"	11/8"	CN050	CN050G	CN050SS	10
3/4"	1%"	CN075	CN075G	CN075SS	10
1"	1½"	CN100	CN100G	CN100SS	10
11/4"	15/8"	CN125			10
1½"	1½"	CN150	CN150G	CN150SS	10
2"	2"	CN200	CN200G	CN200SS	10
21/2"	2½"	CN250			
3"	25/8"	CN300	CN300G	CN300SS	1
4"	25/8"	CN400		CN400SS	5
6"	31/8"	CN600			



Hex Nipples

Feature:

• ref SAE 130137



NDTE	Bra	ass	Optional	Lead Free Brass 1, 2, 3
NPTF	Previous Part #	Part #	Qty	Part #
1/8" X 1/8"	BCN12	3700202C	100	3700202CLF
1/4" x 1/4"	BCN25	3700404C	100	3700404CLF
3/8" X 3/8"	BCN37	3700606C	50	3700606CLF
½" x ½"	BCN50	3700808C	25	3700808CLF
3/4" X 3/4"	BCN75	3701212C	20	
1" x 1"	BCN100	3701616C	10	

lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
 conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS

Compliant
3 NPT threads





Male NPT	316 Stainless Steel
IVIAIE IVI I	Part #
3/8"	HN38SS
1/2"	HN50SS
3/4"	HN75SS
1"	HN100SS
1½"	HN150SS
2"	HN200SS
	•

Reducer Hex Nipples Feature:

• ref SAE 130137



M I NIDTE	Bra	Optional Qty	
Male NPTF	Previous Part # Part #		
½" X ½"	HN2M1M	3790402C	100
3/8" X 1/8"	HN3M1M	3790602C	50
3/8" X 1/4"	HN3M2M	3790604C	50
½" x ¼"	HN4M2M	3790804C	50
½" X ¾"	HN4M3M	3790806C	50
3/4" X 1/2"	HN6M4M	3791208C	25



	· ·	
Male NPT	Male NPT	316 Stainless Steel Part #
3/8"	1/4"	RHN3825SS
1/2"	3/8"	RHN5038SS
3/4"	1/2"	RHN7550SS

Note: do not use pipe nipples as hose inserts.



• For additional information on pipe dimensions please reference dixonvalve.com.



Adapters

Ball Seat to Male Pipe

NIDOM	NDTE	Bra	0-6106-	
NPSM	NPTF	Previous Part #	Part #	Optional Qty
1/8"	1/8"	BSM11	1720202C	100
1/4"	1/8"	BSM21	1720402C	100
74	1/4"	BSM22	1720404C	100
	1/4"	BSM32	1720604C	100
3/8"	3/8"	BSM33	1720606C	50
	1/2"	BSM34	1720608C	50
1/2"	3/8"	BSM43	1720806C	50
/2	1/2"	BSM44	1720808C	50
3/4"	3/4"	BSM66	1721212C	25





Male Unions

NDCM	NPSM	Bra	Pkg	
NPSM		Previous Part #	Part #	Qty
1/8"	1/8"	176-0202	1760202C	100
1/4"	1/4"	176-0404	1760404C	100
3/8"	3/8"	176-0606	1760606C	100
1/2"	1/2"	176-0808	1760808C	50





[•] For additional information on pipe dimensions please reference dixonvalve.com.



300# iron





150# galvanized iron



150# 316 stainless steel



2000# forged steel



125# brass

NPT Threaded 90° Elbows

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

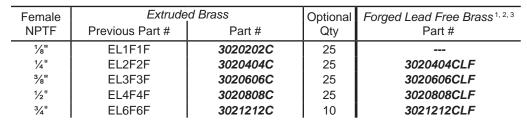
Female NPT	300# Iron	150# Iron	150# Galvanized Iron
T CITIAIC INFT	Part #	Part #	Part #
1/8"		EL9018	EL9018G
1/4"	300EL9025	EL9025	EL9025G
3/8"	300EL9038	EL9038	EL9038G
1/2"	300EL9050	EL9050	EL9050G
3/4"	300EL9075	EL9075	EL9075G
1"	300EL90100	EL90100	EL90100G
1¼"	300EL90125	EL90125	EL90125G
1½"	300EL90150	EL90150	EL90150G
2"	300EL90200	EL90200	EL90200G
2½"		EL90250	
3"		EL90300	EL90300G
4"		EL90400	EL90400G
5"		EL90500	
6"		EL90600	

Female NPT	150# 316 Stain. Steel Part #	2000# Forged Steel Part #	<i>125# Brass</i> Part #
1/8"	EL9018SS		
1/4"	EL90025SS	EL9025FS	
3/8"	EL90038SS	EL9038FS	
1/2"	EL90050SS	EL9050FS	
3/4"	EL90075SS	EL9075FS	
1"	EL90100SS	EL90100FS	EL90100B
1¼"	EL90125SS	EL90125FS	
1½"	EL90150SS	EL90150FS	EL90150B
2"	EL90200SS	EL90200FS	EL90200B
3"	EL90300SS		
4"	EL90400SS		

90° Female Pipe Elbows



• ref SAE 130238



- ¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
- NPT thread
- For additional information on pipe dimensions please reference dixonvalve.com.





brass

lead free brass



NPT Threaded Reducing Elbows

Feature:

• other sizes are also available, consult Dixon® for pricing and availability

Female NPT	Female NPT	150# Iron Part #
1/4"	1/8"	REL2518
1/2"	1/4"	REL5025
1/2"	3/8"	REL5038
3/4"	1/2"	REL7550
1"	1/2"	REL1050
1"	3/4"	REL1075
11/4"	1"	REL1210
1½"	1"	REL1510
1½"	1¼"	REL1525
2"	1"	REL2010
2"	1½"	REL2015
2½"	2"	REL2520
3"	2"	REL3020
4"	2"	REL4020
4"	3"	REL4030



90° Street Elbows

Feature:

• ref SAE 130239

		Evtrudo	d Brass	0-6	F12
Female	Male			Optional	, s
NPTF	NPTF	Previous Part #	Part #	Qty	Part #
1/8"	1/8"	SE1F1M	3040202C	25	3040202CLF
1/4"	1/8"	SE2F1M	3040402C	25	
1/4"	1/4"	SE2F2M	3040404C	25	3040404CLF
3/8"	1/4"	SE3F2M	3040604C	25	
3/8"	3/8"	SE3F3M	3040606C	25	3040606CLF
1/2"	3/8"	SE4F3M	3040806C	25	
1/2"	1/2"	SE4F4M	3040808C	25	3040808CLF
3/4"	1/2"	SE6F4M	3041208C	25	
3/4"	3/4"	SE6F6M	3041212C	10	



² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant



brass



lead free brass



90° Male Pipe Elbows

	Forged	0 10.	
Male NPTF	Previous Part #	Part #	Optional Qty
1/8"	169-0202	1690202C	25
1/4"	169-0404	1690404C	25
3/8"	169-0606	1690606C	25
1/2"	169-0808	1690808C	25



• For additional information on pipe dimensions please reference dixonvalve.com.

³ NPT thread



Pipe, Welding Tube Fittings

NPT Threaded 90° Street Elbows

150# iron



150# galvanized iron



150# 316 stainless steel



- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Male NPT	Female NPT	150# Iron Part #	150# Galvanized Iron Part #	150# 316 Stain. Steel Part #
1/8"	1/8"	SE9018	SE9018G	SE9018SS
1/4"	1/4"	SE9025	SE9025G	SE9025SS
3/8"	3/8"	SE9038	SE9038G	SE9038SS
1/2"	1/2"	SE9050	SE9050G	SE9050SS
3/4"	3/4"	SE9075	SE9075G	SE9075SS
1"	1"	SE9010	SE9010G	SE9010SS
11/4"	11/4"	SE9012	SE9012G	SE9012SS
11/2"	1½"	SE9015	SE9015G	SE9015SS
2"	2"	SE9020	SE9020G	SE9020SS
21/2"	2½"	SE90250		
3"	3"	SE90300	SE9030G	
4"	4"	SE90400		
6"	6"	SE90600		

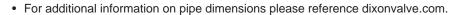


3000# forged steel



125# brass

Male NPT	Female NPT	3000# Forged Steel Part #	125# Brass Part #
1/8"	1/8"		
1/4"	1/4"	SE9025FS	
3/8"	3/8"	SE9038FS	
1/2"	1/2"	SE9050FS	
3/4"	3/4"	SE9075FS	SE9075B
1"	1"	SE9010FS	SE9010B
11/4"	11/4"	SE9012FS	SE9012B
1½"	1½"	SE9015FS	SE9015B
2"	2"	SE9020FS	SE9020B





NPT Threaded 45 Elbows

Female NPT	150# Iron Part #
1/8"	EL4518
1/4"	EL4525
3/8"	EL4538
1/2"	EL4550
3/4"	EL4575
1"	EL45100
11/4"	EL45125
1½"	EL45150
2"	EL45200
2½"	EL45250
3"	EL45300
4"	EL45400
5"	EL45500
6"	EL45600





Size	150# Iron Part #	150# Galvanized Iron Part #
1/8"	SE4518	***
1/4"	SE4525	SE4525G
3/8"	SE4538	
1/2"	SE4550	SE4550G
3/4"	SE4575	SE4575G
1"	SE45100	
1¼"	SE45125	SE45125G
1½"	SE45150	SE45150G
2"	SE45200	SE45200G
2½"	SE45250	SE45250G
3"	SE45300	SE45300G
4"	SE45400	SE45400G



150# galvanized iron

Feature:

• ref SAE 130339

Female	Male	Extrude	0 11 101	
NPTF	NPTF	Previous Part #	Part #	Optional Qty
1/8"	1/8"	306-0202	3060202C	25
1/4"	1/4"	306-0404	3060404C	25
3/8"	3/8"	306-0606	3060606C	25
1/2"	1/2"	306-0808	3060808C	25
3/4"	3/4"	306-1212	3061212C	10





[•] For additional information on pipe dimensions please reference dixonvalve.com.



Pipe, Welding & Tube Fittings



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel



2000# forged steel



125# brass

NPT Threaded Female Tees

Female NPT	300# Iron Part #	<i>150# Iron</i> Part #	150# Galvanized Iron Part #	
1/8"		FT18		
1/4"	300FT25	FT25	FT25G	
3/8"	300FT38	FT38	FT38G	
1/2"	300FT50	FT50	FT50G	
3/4"		FT75	FT75G	
1"	300FT10	FT10	FT100G	
11/4"	300FT120	FT120	FT120G	
1½"		FT15	FT150G	
2"	300FT200	FT200	FT200G	
21/2"		FT250		
3" 4"		FT30	FT300G	
		FT40	FT400G	
5"		FT500		
6"		FT60		

Female NPT	150# 316 Stainless Steel Part #	2000# Forged Steel Part #	125# Brass Part #
1/8"			
1/4"	FT25SS	FT25FS	
3/8"	FT38SS		
1/2"	FT50SS	FT50FS	
3/4"	FT75SS	FT75FS	FT75B
1"	FT10SS	FT100FS	FT10B
11/4"	FT120SS	FT120FS	
1½"	FT150SS	FT150FS	FT15B
2"	FT200SS	FT200FS	FT20B



ref SAE 130438





lead free brass

- Extruded Brass Forged Lead Free Brass 1, 2, 3 Optional **NPTF** Thread Previous Part # Part # Qty Part # 3220202C 3220202CLF 1/8" 322-0202 25 1/4" 322-0404 3220404C 25 3220404CLF 3/8" 322-0606 3220606C 25 3220606CLF 1/2" 322-0808 3220808C 25 3220808CLF 3/4" 322-1212 10 3221212CLF 3221212C
- 1 lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

Female Tees

- ² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
- 3 NPT thread
- For additional information on pipe dimensions please reference dixonvalve.com.

K

NPT Threaded Side Outlet Elbows

Female NPT	150# Iron	
remaie NP1	Part #	
1/8"	SOE18	
1/4"	SOE25	
3/8"	SOE38	
1/2"	SOE50	
3/4"	SOE75	
1"	SOE100	
11/4"	SOE120	
1½"	SOE150	
2"	SOE200	



Tube Fittings

NPT Threaded Female Reducing Tees

Female NPT	Female NPT	150# Iron Part #
3/8"	1/4"	FRT3825
1/2"	3/8"	FRT5038
3/4"	1/2"	FRT7550
1"	1/2"	FRT1050
11/4"	1"	FRT1210
1½"	1"	FRT1510
2"	1"	FRT2010
2"	1½"	FRT2015
3"	2"	FRT3020



NPT Threaded Street Service Tees

NPT	150# Iron Part #
½" ¾" 1" 1½"	SST50 SST75 SST100 SST150



NPT Threaded Bull Head Tees

Female NPT	Female NPT	150# Iron Part #
1/2"	3/4"	BHT1575
1/2"	1"	BHT1510
3/4"	1"	BHT7510
1"	1½"	BHT1015
1"	2"	BHT1020
1½"	2"	BHT1520
2"	2½"	BHT2025





NPT Threaded Side Outlet Tees

Female NPT	150# Iron Part #
1/2"	SOT50
3/4"	SOT75
1"	SOT100
11/4"	SOT120
1½"	SOT150
2"	SOT200



[•] For additional information on pipe dimensions please reference dixonvalve.com.

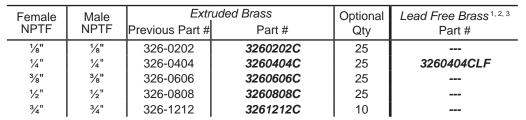


ipe, Welding Tube Fittings

Street Tees

Feature:

• ref SAE 130424



- 1 lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- ² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
- ³ NPT thread

Male Branch Tees

Feature:

• ref SAE 130425



NPTF		Extr Previous Part #	ruded Brass Part #	Optional Qty	Lead Free Brass ^{1, 2, 3} Part #
-	1/8"	324-0202	3240202C	25	
	1/4"	324-0404	3240404C	25	
	3/8"	324-0606	3240606C	25	3240606CLF
	1/2"	324-0808	3240808C	25	
	3/4"	324-1212	3241212C	10	

- 1 lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- ² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
- 3 NPT thread

NPT Threaded Crosses



Female NPT	150# Iron Part #
1/8"	MIC18
1/4"	MIC25
3/8"	MIC38
1/2"	MIC50
3/4"	MIC75
1"	MIC100
11/4"	MIC125
1½"	MIC150
2"	MIC200
2½"	MIC250
3"	MIC300
4"	MIC400

Pipe Crosses



E I NETE	Extruded Brass		0 (10)
Female NPTF	Previous Part #	Part #	Optional Qty
1/8"	228-0202	2280202C	25
1/4"	228-0404	2280404C	25
3/8"	228-0606	2280606C	25
1/2"	228-0808	2280808C	10
3/4"	228-1212	2281212C	10

• For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Caps

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Female NPT	300# Iron Part #	150# Iron Part #
1/8"		MICAP18
1/4"		MICAP25
3/8"		MICAP38
1/2"	300MICAP50	MICAP50
3/4"	300MICAP75	MICAP75
1"	300MICAP100	MICAP100
11/4"	300MICAP125	MICAP120
1½"	300MICAP150	MICAP150
2"	300MICAP200	MICAP200
21/2"		MICAP250
3"		MICAP300
4"		MICAP400
5"		MICAP500
6"		MICAP600

Female NPT	150# Galvanized Iron Part #	150# 316 Stainless Steel Part #
478	Fail #	
1/8"		SSCAP18
1/4"		SSCAP25
3/8"		SSCAP38
1/2"	MICAP50G	SSCAP50
3/4"	MICAP75G	SSCAP75
1"		SSCAP10
1¼"		SSCAP12
1½"		SSCAP15
2"	MICAP200G	SSCAP20



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel

NPT Pipe Caps

Female NPT	Optional Qty	Lead Free Brass ^{1, 2, 3} Part #
1/8"	50	2130200CLF
1/4"	100	2130400CLF
3/8"	25	2130600CLF
1/2"	25	2130800CLF
3/4"	25	2131200CLF



- ¹ lead free per NSF/ANSI 372
- ² lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- ³ conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

[•] For additional information on pipe dimensions please reference dixonvalve.com.



NPT Threaded Square Head Plugs

Feature:

· forged steel and brass plugs are solid, all others are cored





150# galvanized iron

150# 316 stainless steel



3000# forged steel



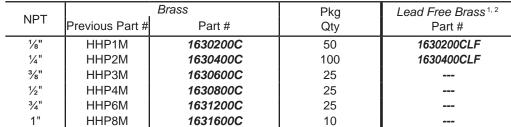
125# brass

Male NPT	150# Iron	150# Galvanized Iron	150# 316 Stain. Steel
- Wale IVI	Part #	Part #	Part #
1/8"	SHP18	SHP18G	SHP18SS
1/4"	SHP14	SHP14G	SHP14SS
3/8"	SHP38	SHP38G	SHP38SS
1/2"	SHP50	SHP50G	SHP50SS
3/4"	SHP75	SHP75G	SHP75SS
1"	SHP100	SHP100G	SHP100SS
11/4"	SHP125	SHP125G	SHP125SS
1½"	SHP150	SHP150G	SHP150SS
2"	SHP200	SHP200G	SHP200SS
21/2"	SHP250	SHP250G	SHP250SS
3"	SHP300	SHP300G	SHP300SS
4"	SHP400	SHP400G	SHP400SS
5"	SHP500		
6"	SHP600	SHP600G	

	The state of the s	
Mala NDT	3000# Forged Steel	125# Brass
Male NPT	Part #	Part #
	1 ait ii	
1/8"		2110200C ^{1, 2}
1/4"	SHP14FS	2110400C ^{1, 2}
3/8"	SHP38FS	2110600C ^{1, 2}
1/2"	SHP50FS	2110800C ^{1, 2}
3/4"	SHP75FS	2111200C ^{1, 2}
1"	SHP100FS	SHP100B
1½"	SHP150FS	SHP150B
2"	SHP200FS	
3"	SHP300FS	

- ¹ lead free brass per NSF/ANSI 372, Brass Alloy 260/270
- ² threads are PTF-SAE

Hex Head Plugs





lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

Hex Socket Plugs



NDTE	Lead Free Brass 1		0-1104
NPTF	Previous Part #	Part #	Optional Qty
1/8"	219-0200	2190200C	50
1/4"	219-0400	2190400C	100
3/8"	219-0600	2190600C	25
1/2"	219-0800	2190800C	25
3/4"	219-1200	2191200C	25

¹ lead free brass per NSF/ANSI 372, Brass Alloy 260/270

conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

[•] For additional information on pipe dimensions please reference dixonvalve.com.



• Pip

Polypropylene Schedule 80 - Pipe Couplings

Female NPT	Polypropylene Part #
3/4"	62238
1"	62239
1½"	62241
2"	62194



Tuff-Lite™ - Female NPT x Female NPT Adapters

• sold in package quantity only

Female NPT	Female NPT	<i>Nylon</i> Part #	Pkg Qty
1/2"	1/2"	TA994	25
3/4"	3/4"	TA996	25



Polypropylene Schedule 80 - Reducer Bushings

Male NPT	Female NPT	Polypropylene Part #
1/2"	1/4"	62267
3/4"	1/2"	62272
1"	1/2"	62275
1"	3/4"	62276
11/4"	3/4"	62277
11/4"	1"	62278
1½"	3/4"	62279
1½"	1"	62280
1½"	11/4"	62281
2"	3/4"	62195
2"	1"	62196
2"	11/4"	62197
2"	1½"	62198
3"	2"	60330



Tuff-Lite™ - Male NPT x Female Threaded Swivel Nut Adapters

• female shipped with a red vinyl washer (TVW7), replacement washers on page 242

Male NPT	Female Thread	Nylon Part #
1/4"	3⁄4" GHT	TSA72
3/8"	3⁄4" GHT	TSA73
1/4"	3/4" NPS	TSA62
3/8"	3/4" NPS	TSA63



K

Tuff-Lite™ - Reducing Bushings

Male NPT	Female NPT	Nylon Part #
3/8"	1/4"	THB32
1/2"	1/4"	THB42
1/2"	3/8"	THB43
3/4"	1/2"	THB64
1"	3/4"	THB86





ipe, Welding Tube Fittings

Tuff-Lite™ - Close Nipples

• sold in package quantity only



Male NPT	Nylon Part #	Pkg Qty
1/4"	TCN202	50
3/8"	TCN303	50
1/2"	TCN404	50
3/4"	TCN606	50

Polypropylene Schedule 80 - Hex Nipples



Male NPT	Polypropylene Part #
1/2"	62221
3/4"	60554
1"	60555
11⁄4"	60556
1½"	60547
2"	60548
3"	61769

Polypropylene Schedule 80 - Reducer Nipples



Male NPT	Male NPT	Polypropylene Part #
3/4"	1/2"	62233
1"	3/4"	62234
11/4"	1"	62235
1½"	1¼"	62236
2"	1½"	60549

Polypropylene Schedule 80 - Nipples



Male NPT	Length	Polypropylene Part #
3/4"	4"	62223
3/4"	6"	62224
1"	4"	62225
1"	6"	62226
2"	4"	62192
2"	6"	62193

• For additional information on pipe dimensions please reference dixonvalve.com.



Polypropylene Schedule 80 - 90° Elbows

Female NPT	Polypropylene Part #
1/2"	62215
3/4"	62216
1"	62217
1½"	62219
2"	62191
3"	62220



Sipe, Welding Tube Fittings

Tuff-Lite™ - Street Female NPT x 90° Male NPT Elbows

Female NPT	Male NPT	<i>Nylon</i> Part #
1/4"	1/4"	TSE22
1/2"	1/2"	TSE44
3/4"	3/4"	TSE66



Polypropylene Schedule 80 - 90° Street Elbows

NPT Thread	Polypropylene Part #
1/2"	62243
3/4"	62244
1"	62245
1¼"	62246
1½"	62247
2"	62199
3"	62248



Polypropylene Schedule 80 - Tees

Female NPT	Polypropylene Part #
1/2"	62209
3/4"	62210
1"	62211
11/4"	62212
1½"	62213
2"	62190
3"	62214





Polypropylene Schedule 80 - Cross

Female NPT	Polypropylene Part #
1"	62263



• For additional information on pipe dimensions please reference dixonvalve.com.



Tuff-Lite™ - Female Threaded Swivel Nuts



Female Thread	<i>Nylon</i> Part #
3/4" NPSM	TCF6
3/4" GHT	TCF7

Tuff-Lite™ - Threaded Caps

• sold in package quantity only



Female Thread	<i>Nylon</i> Part #	Pkg Qty
1/4" NPT	TTC2	50
³⁄₃" NPT	TTC3	50
½" NPT	TTC4	50
3/4" NPT	TTC6	50
¾" GHT	TTC7	50

Tuff-Lite™ - Hex Head Drain Plugs

• sold in package quantity only



Male NPT	<i>Nylon</i> Part #	Pkg Qty
1/8"	TPX1	50
/8	IFXI] 30
1/4"	TPX2	50
3/8"	TPX3	50
		1
1/2"	TPX4	50
3/4"	TPX6	50
1"	TPX8	50
		!
11/4"	TPX10	25

Tuff-Lite™ - Square Head Drain Plugs

• sold in package quantity only



Male NPT	Nylon	Pkg
IVIAIE INF I	Part #	Qty
1/8"	TPS1	50
1/4"	TPS2	50
3/8"	TPS3	50
1/2"	TPS4	50
3/4"	TPS6	50
1"	TPS8	50
11/4"	TPS10	25

Polypropylene Schedule 80 - Pipe Caps



Female NPT	Polypropylene Part #
³ ⁄ ₄ "	62250
1"	62251

PolypropyleneSchedule 80 - Pipe Plugs



Male NPT	Polypropylene Part #
3/4"	62256
1"	62257
11/4"	62258
1½"	62259
2"	62201

[•] For additional information on pipe dimensions please reference dixonvalve.com.

Bulkhead Fittings

Application:

for use on most poly storage tanks and many steel and fiberglass tanks

Features:

- glass reinforced polypropylene provides strength and chemical resistance
- · EPDM gaskets are standard
- FKM gaskets are available, contact Dixon® to order

female NPT fittings

Female NPT	Hole Size	Polypropylene Part #
1/2"	1-7/16"	62834
3/4"	1-7/16"	60401
1"	2-1/4"	60427
11/4"	2-1/4"	60403
1½"	3"	60124 NEW
1½"	2-3/8"	63931 1
2"	3"	60405
2"	3"	63481 ²
2" HD3	3-1/4"	63683
3"	4-1/2"	62299 ¹





 $^{^{2}~}$ designed for tank wall thickness less than $\ensuremath{\mbox{\%}}\mbox{"}$ - low profile

	Gaskets
Size	EPDM Part #
1/2" - 3/4"	60402
1" - 1¼"	60404
1½"	63938
2"	60406
2" HD 1	60336
3"	60331



Bulkhead Couplings

Female NPTF	External Male UNS	Length	<i>Bra</i> ss Part #
1/8"	5/8"	1.50"	207BH2
1/4"	3/4"	1.50"	207BH4
1/4"	3/4"	.94"	207BH4S
3/8"	1"	1.31"	207BH6
1/2"	1-1/8"	1.50"	207BH8
3/4"	1-5/16"	1.50"	207BH12





Note: washer nut is 12L14 steel

¹ 1½" and 3" do not contain a washer

¹ heavy duty



Pipe, Welding Tube Fittings

Bolted Fittings

Polypropylene Female NPT fittings

Features:

- bolts thread into back plate of fitting leaving no welds, holes as potential points of leakage
- 316 stainless steel bolts
- 2 required, EPDM gaskets are standard (sold separately)
- FKM gaskets are available, contact Dixon®

Size	Polypropylene Part #
3/4"	60502
1"	60505
1½"	60513
2"	60516



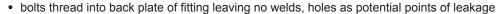
Gaskets



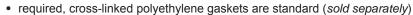
	Size	EPDM
	Size	Part #
	3/4" - 1"	60498
	1½" - 2"	60497

Stainless Steel Female NPT fittings

Features:







• FKM and EPDM gaskets are available, contact Dixon®



Size	Stainless Steel Part #
3/4"	63035
1"	62948
1½"	63037
2"	63038

Gaskets



Size	Cross-Linked Polyethylene Part #
3/4" - 1"	62950
1½"	63042
2"	62848



K

Swage Nipples

Features:

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps

Male NPT	Length	Zinc Plated Schedule 40 Part #
2" x 1"	6.5"	SW40-200100
2" x 1¼"	6.5"	SW40-200125
2" x 1½"	6.5"	SW40-200150
2½" x 1"	7"	SW40-250100
2½" x 1½"	7"	SW40-250150
2½" x 2"	7"	SW40-250200
3" x 2"	8"	SW40-300200
3" x 2½"	8"	SW40-300250
4" x 2"	9"	SW40-400200
4" x 2½"	9"	SW40-400250
4" x 3"	9"	SW40-400300
6" x 3"	12"	SW40-600300
6" x 4"	12"	SW40-600400
8" x 4"	13"	SW40-800400
8" x 6"	13"	SW40-800600



Male NPT	Length	Zinc Plated Schedule 80 Part #
½" X ¼"	2.8"	SW80-050025
½" X ³ / ₈ "	2.8"	SW80-050038
3/4" X 1/2"	3.0"	SW80-075050
1" x ¼"	3.5"	SW80-100025
1" x ½"	3.5"	SW80-100050
1" x ¾"	3.5"	SW80-100075
2" x ½"	6.5"	SW80-200050
2" x ¾"	6.5"	SW80-200075
2" x 1"	6.5"	SW80-200100
2" x 1¼"	6.5"	SW80-200125
2" x 1½"	6.5"	SW80-200150
2½" x 2"	7.0"	SW80-250200
3" x 1"	8.0"	SW80-300100
3" x 2"	8.0"	SW80-300200
3" x 2½"	8.0"	SW80-300250
4" x 2"	9.0"	SW80-400200
4" x 3"	9.0"	SW80-400300
4" x 4"	9.0"	SW80-400400
6" x 3"	12.0"	SW80-600300
6" x 4"	12.0"	SW80-600400
8" x 6"	13.0"	SW80-800600





• For additional information on pipe dimensions please reference dixonvalve.com.



Meddings Wel

schedule 80

Bull Plugs

Features:

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps

Male NPT	Length	Zinc Plated Schedule 40 Part #	Zinc Plated Schedule 80 Part #
2"	4"	BP40-200	BP80-200
2½"	5"	BP40-250	BP80-250
3"	6"	BP40-300	BP80-300
4"	7"	BP40-400	BP80-400

Bull Plugs with Tap

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps



schedule 40

Male NPT	Length	Zinc Plated Schedule 40 Part #	Zinc Plated Schedule 80 Part #
2" x 1/4"	4"	BP40-200T025	BP80-200T025
2" x ½"	5"	BP40-200T050	BP80-200T050
3" x ½"	6"	BP40-300T050	BP80-300T050
4" x ½"	7"	BP40-400T050	BP80-400T050



Pipe, Weldir & Tube Fittir

Hammer Unions

Features:

- Socket weld configurations and other materials are available, contact Dixon® 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 (-29°C to 121°C)
- non-shocking cold water pressure means that the rated value is the maximum operating pressure at ambient temperature
 - it 🛕

- · no spikes higher than this pressure
- no instantaneous pressure increases (0-2000 PSIG in 1/4 of a second)
- ambient temperature: 70°F (21°C)

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 #
2"	threaded	1000	HU100200
2	buttweld	1000	HU100200BW ¹
2½"	threaded	1000	HU100250
3"	threaded	1000	HU100300
4"	threaded	1000	HU100400
4	buttweld	1000	HU100400BW ¹
6"	threaded	1000	HU100600
8"	threaded	1000	HU100800



Features:

200 Series

- used in general service applications running air, water, oil or gas up to 2,000 PSI NSCWP (non-shock cold working pressure)
- Nitrile O-ring mounted sub provides excellent sealing properties
- grey sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
1"	threaded	2000	HU200100
1½"	threaded	2000	HU200150
2"	threaded	2000	HU200200
	buttweld	2000	HU200200BW ¹
2½"	threaded	2000	HU200250
3"	threaded	2000	HU200300
4"	threaded	2000	HU200400
6"	threaded	2000	HU200600
8"	threaded	2000	HU200800





206 Series

- used in general service applications running air, water, oil and gas up to 2,000 PSI NSCWP (non-shock cold working pressure)
- · Nitrile O-ring mounted sub provides excellent sealing properties
- · grey sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
1"	threaded	2000	HU206100
1½"	threaded	2000	HU206150
2"	threaded	2000	HU206200
2½"	threaded	2000	HU206250
3"	threaded	2000	HU206300
4"	threaded	2000	HU206400
6"	threaded	2000	HU206600
8"	threaded	2000	HU206800



buttweld ends are schedule 40

¹ buttweld ends are schedule 40



, Welding ube Fittings

Hammer Unions

400 Series

Features:used on manifold and line connections, pump, suction and mud service

- up to 4,000 PSI NSCWP (non-shock cold working pressure)
- red sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
2"	threaded	4000	HU400200
3"	threaded	4000	HU400300
4"	threaded	4000	HU400400

602 Series

Features:

- for use in mud, manifold service and truck mounting applications running water, oil or mud up to **6,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- orange sub, black nut



Size	Configuration	NSCWP (PSI)	Forged Steel Part #
1"	threaded	6000	HU602100
2"	threaded	6000	HU602200
2"	buttweld	6000	HU602200BW 1
3"	threaded	6000	HU602300
3	buttweld	6000	HU602300BW 1
4"	threaded	6000	HU602400
4"	buttweld	6000	HU602400BW ¹

¹ buttweld ends are schedule 80

1002 Series

- for use in high pressure systems and truck mounting applications running water, oil or mud up to 10,000 PSI NSCWP (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- blue sub, red nut



Size	Configuration	NSCWP (PSI)	Forged Steel Part #
1"	threaded	10000	HU1002100
2"	threaded	10000	HU1002200
2"	buttweld	10000	HU1002200BW 1
3"	threaded	10000	HU1002300
	buttweld	10000	HU1002300BW 1
4"	threaded	10000	HU1002400
	buttweld	10000	HU1002400BW1

¹ buttweld ends are schedule XXS



K

Hammer Unions

1502 Series

Features:

- for use in extreme high pressure applications running water, oil or mud up to **15,000 PSI** NSCWP (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- · red sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
2"	threaded	15000	HU1502200
	buttweld	15000	HU1502200BW ¹
3"	threaded	15000	HU1502300
3	buttweld	15000	HU1502300BW ¹
4"	threaded	15000	HU1502400
4	buttweld	15000	HU1502400BW ¹



¹ buttweld ends are schedule XXS

Hookie - Hook Hose Lifter

Features:

- for use with hammer unions on pages 681, 683
- safe working load is 4 tons, with a proof load test of 8 tons
- supplied complete with retaining clamp

Size	Forged Steel Part #
3"	HA0900-3
4"	HA0900-4
5"	HA0900-5







Pipe, Welding Tube Fittings

NPT Threaded Pipe Fittings

Size	Overall Length	Carbon Steel Part #	304 Stainless Steel Part #	<i>Aluminum</i> Part #
1/4"	2"	PN250	PNS250	
3/8"	2"	PN375	PNS375	
1/2"	2"	PN500	PNS500	
3/4"	2"	PN750	PNS750	
1"	2"	PN1000	PNS1000	
11/4"	2"	PN1250	PNS1250	
1½"	2"	PN1500	PNS1500	
2"	2"	PN2000	PNS2000	
21/2"	3"	PN2500	PNS2500	
3"	3"	PN3000	PNS3000	APN3000
4"	4"	PN4000	PNS4000	APN4000

Dixon® Hex Nipples for Welding to Metal Hose



carbon steel



machined brass



global stainless

Size	Carbon Steel¹ Part #	Optional Qty	Machined Brass Part #
1/4"	FM250	200	FMB250
3/8"	FM375	100	FMB375
1/2"	FM500	50	FMB500
3/4"	FM750	50	FMB750
1"	FM1000	50	FMB1000
11/4"	FM1250	50	
1½"	FM1500	50	
2"	FM2000	10	

Size	304 Stainless Steel1	Optional	316 Stainless Steel ¹
Size	Part #	Qty	Part #
1/4"	FMS250	200	
3/8"	FMS375	100	
1/2"	FMS500 ²	50	FMR500 ²
3/4"	FMS750 ²	50	FMR750 ²
1"	FMS1000 ²	50	FMR1000 ²
11/4"	FMS1250	50	
1½"	FMS1500	50	FMR1500

¹ Dixon® suggests using 308 LSI welding rod

Dixon® Octagonal Nipples for Welding to Metal Hose



Size	Overall	Weld-On	Hex	Carbon Steel	304 Stainless Steel
	Length	Length	Length	Part #	Part #
2"	2½"	7/8"	9/16"	OCTOE32	OCTOES32

• For additional information on pipe dimensions please reference dixonvalve.com.

² global stainless steel



Dixon® Octagonal Wrench Grips

Size	Across Outside Flats	Across Inside Flats	Width	304 Stainless Steel Part #
1½"	2.230"	1.910"	9/16"	OCTS24
2"	2.781"	2.385"	9/16"	OCTS32
3"	3.750"	3.510"	7/8"	OCTS48
Size	Across Outside Flats	Across Inside Flats	Width	304 Stainless Steel Part #
2"	2.740"	2.510"	9/16"	OCT32





Dixon® Weld-On Hex Wrench Grips

Size	Global Investment Cast Steel Part #
1"	WN12
11/4"	WN16
1½"	WN21
2"	WN26
2½"	WN31
3"	WN36
4"	WN46









Application

• suitable for pipes within the lower pressure range, applications include, but are not limited to: ship building, water and waste water treatment plants and industrial process pipe work

Features:

- joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- · absorbs vibration, water hammer and sound
- special patented grip ring for superior holding power on hard-surfaced pipes
- 5 year limited warranty
- reusable
- EPDM sealing sleeve temperature range: 4°F to 176°F (-20°C to 80°C)
- NBR and FKM sleeves available, contact Dixon® for information

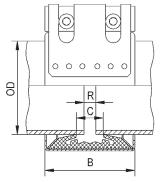


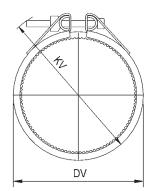
Materials:

 casing: AISI 316Ti; screws: AISI 316 L; bolts: AISI 316 Ti; anchoring ring: AISI 301; sealing sleeve: EPDM standard

Specifications:

- American Bureau of Shipping (ABS) up to 232 PSI on 3/4" 5"; 188 PSI on 6"; 145 PSI on 8"
- Underwriter's Laboratories (UL)
- National Sanitation Foundation (NSF)
- built to ASTM 1476, Type 2, Class 2 specifications







Size	1 .	e OD Range I	Working Pressure		Dimensions		mbled nsions	Maximum Distance Between Pipe End	316 Ti Stainless Steel
0.20	actual	min to max	PSI	В	С	DV	KV	R	Part #
3/4"	1.05"	1.04" to 1.08"	670	1.8"	0.7"	1.7"	2.8"	0.2"	STR20000 1
1"	1.31"	1.31" to 1.35"	550	1.8"	0.7"	2.0"	3.0"	0.2"	STR20100 ¹
1½"	1.90"	1.88" to 1.92"	440	2.4"	1.0"	2.6"	3.9"	0.2"	STR20300 1
2"	2.37"	2.35" to 2.40"	320	3.0"	1.5"	3.1"	4.3"	0.4"	STR20450 ¹
21/2"	2.87"	2.85" to 2.90"	450	3.7"	1.6"	3.9"	5.3"	0.4"	STR20500
3"	3.50"	3.46" to 3.54"	320	3.7"	1.6"	4.4"	5.9"	0.4"	STR20650
4"	4.50"	4.46" to 4.54"	232	3.7"	1.6"	5.4"	6.7"	0.4"	STR20900
5"	5.50"	5.51" to 5.62"	232	4.3"	2.1"	6.5"	8.3"	0.4"	STR21150
6"	6.63"	6.56" to 6.69"	232	4.3"	2.1"	7.6"	9.1"	0.4"	STR21350
8"	8.63"	8.54" to 8.71"	232	5.6"	3.1"	9.8"	11.6"	0.4"	STR21400

¹ only has one bolt

Note: All Straub couplings require the correct use of a torque wrench for a safe and proper installation. Straub couplings must be torqued to the specified value as printed on each individual coupling. Failure to do so can result in serious injury or death.

Not for steam or refrigerant service.



K

Straub Open-Flex 1L Couplings

Applications:

· suitable for repairing or joining pipes where access to the pipe end is difficult or impossible

Features:

- use to replace bolted sleeve type couplings (AWWA Std. C-219) or for permanent repairs or installation
- wrap-around design differs from similar type repair products because the installation or repair is permanent due to the unique flexible lip seal gasket design
- joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- · absorbs vibration, water hammer, and sound
- acts as an expansion joint; will accept up to .25" of axial movement
- EPDM sealing sleeve temperature range: 4°F to 176°F (-20°C to 80°C)
- 5 year limited warranty
- reusable

Materials:

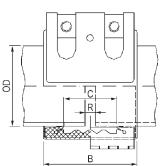
• casing: AISI 316Ti; screws: AISI 4135 steel; bolts: AISI 12L 14 galvanized

Specifications:

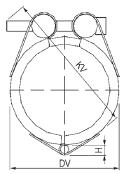
- American Bureau of Shipping (ABS) up to 232 PSI
- Underwriter's Laboratories (UL)

6.63" 6.54" to 6.71"

- National Sanitation Foundation (NSF)
- conforms to ASTM 1476, Type 2, Class 3 specifications



232



			<u>-</u> E		•		DV	<u>→</u>		
Size	i .		Working Pressure PSI		ng Dime	ensions H		mbled nsions KV	Maximum Distance Between Pipe End R	316 Ti Stainless Steel Part #
1½"	1.90"	1.85" to 1.95"	363	3.0"	1.4"	.28"	2.8"	3.3"	.20"	STR35001
2"	2.38"	2.32" to 2.42"	232	3.0"	1.4"	.28"	3.2"	3.7"	.20"	STR35151
21/2"	2.88"	2.81" to 2.93"	232	3.0"	1.4"	.36"	3.2"	3.7"	.20"	STR35201
3"	3.50"	3.44" to 3.56"	232	3.7"	2.0"	.36"	4.4"	4.9"	.20"	STR35351
4"	4.50"	4.43" to 4.57"	232	3.7"	2.0"	.36"	5.4"	5.9"	.20"	STR35651
5"	5.56"	5.49" to 5.57"	232	4.2"	2.4"	.38"	6.4"	7.1"	.20"	STR35901





Note: Not pull-out resistant. Ensure that pipes are properly anchored and supported.

.38"

Assembly Tool

7.5"

Part #

STR6648



STR36051

.20"



Pipe, Welding Tube Fittings





no raised face

- Features:
- commonly called a Van Stone or a floating flange

Size	Number of Bolts	Carbon Steel Part #	316 Stainless Steel Part #
1"	4	LJ100	
1¼"	4	LJ125	
1½"	4	LJ150	LJR150
2"	4	LJ200	LJR200
2½"	4	LJ250	
3"	4	LJ300	LJR300
4"	8	LJ400	LJR400
5"	8	LJ500	
6"	8	LJ600	LJR600
8"	8	LJ800	
10"	12	LJ1000	
12"	12	LJ1200	

150 Lb. ASA Forged Slip-On Flanges

Feature:

· raised face





Size	Number of Bolts	Carbon Steel Part #	316 Stainless Steel Part #
1"	4	SO100	
11/4"	4	SO125	
1½"	4	SO150	SOR150
2"	4	SO200	SOR200
2½"	4	SO250	
3"	4	SO300	SOR300
4"	8	SO400	SOR400
5"	8	SO500	
6"	8	SO600	SOR600
8"	8	SO800	
10"	12	SO1000	
12"	12	SO1200	

150 Lb. ASA Forged NPT Threaded Flanges

Feature:

raised face





Size	Number of Bolts	<i>Carbon Steel</i> Part #	316 Stainless Steel Part #
1"	4	T100	
1¼"	4	T125	
1½"	4	T150	TR150
2"	4	T200	TR200
2½"	4	T250	
3"	4	T300	TR300
4"	8	T400	TR400
5"	8	T500	
6"	8	T600	TR600
8"	8	T800	
10"	12	T1000	
12"	12	T1200	

[·] For flange dimensions, diagrams and additional information please reference dixonvalve.com.

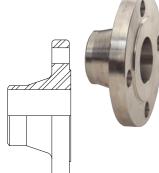
K

150 Lb. Weld Neck ASA Forged Flanges

Feature:

· raised face

Size	Number of Bolts	Carbon Steel Part #
1"	4	WN100
11/4"	4	WN125
1½"	4	WN150
2"	4	WN200
3"	4	WN300
4"	8	WN400
5"	8	WN500
6"	8	WN600
8"	8	WN800
10"	12	WN1000





Flange Gaskets

Features:

- standard drop-ring type all 1/16" thick
- reference page 903 for joint sealant gasket material
- · for flange dimensional information and diagrams please reference dixonvalve.com

Size	Neoprene Part #	Klingersil® C-4401 Part #
1"	NG10	AG10
11¼"	NG15	AG15
11½"	NG20	AG20
2"	NG25	AG25
2½"	NG30	AG30
3"	NG35	AG35
4"	NG40	AG40
5"	NG50	
6"	NG60	AG60
8"	NG80	AG80



ANSI Flat Face Flange x Male NST (NH)

Features:

- flange black powder coated carbon steel
- male adapter black anodized aluminum

Size	PSI	Carbon Steel / Aluminum Part #
6" NST (NH)	175	T600-60F



Klingersil® C-4401

K

King™ Turned Back Weld-To-Metal Hose Nipples

Features:

- MSS Length
- phono-finish face (type CS), except 10" and 12" have smooth face (type C)
- for use with Slip-On and Lap Joint flanges shown on previous page

Size	Length	Schedule 40 Plated Carbon Steel Part #	Schedule 40 316 Stainless Steel Part #
1"	2"	NW10	RNW10-40
11/4"	2"	NW15	RNW15-40
1½"	2"	NW20	RNW20-40
2"	2½"	NW25	RNW25-40
21/2"	2½"	NW30	RNW30-40
3"	21/2"	NW35	RNW35-40
4"	3"	NW40	RNW40-40
6"	3½"	NW60	RNW60-40
8"	4"	NW80	RNW80-40
10"	5"	NW100	RNW100-40
12"	6"	NW120	RNW120-40





Quick Release Couplings - Series Q

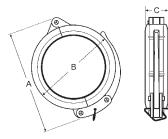
Features:

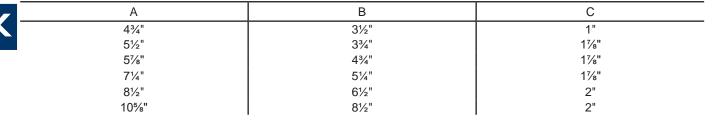
- designed for applications requiring a quick connection and/ • designed for applications requiring a quick connection or disconnection of a pipe joint, a locking pin through the handle prevents accidental opening of the coupling ductile iron body with zinc plating and steel safety clip see page 695 for replacement gaskets or disconnection of a pipe joint, a locking pin through the

• Comparable to: Victaulic's #78 Grinnell's #7003



Nominal	Dina	Maximum	Maximum	Ductil	le Iron
Size	Pipe OD	Working Pressure PSI at 70°F (21°C)		Part # with <i>EPDM</i> gasket	Part # with <i>Buna-N</i> gasket
1½"	1.900"	300	850	H315	H315BU
2"	2.375"	300	1329	H32	H32BU
21/2"	2.875"	300	2120	H325	H325BU
3"	3.500"	300	2886	Н33	H33BU
4"	4.500"	300	4771	H34	H34BU
6"	6.625"	300	10341	H36	H36BU





Standard Couplings - Series S, Style 11

K

⟨FM⟩





Applications:

· designed for a wide range of applications including commercial/industrial construction, mining, and process piping

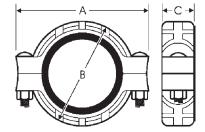
Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- housing design allows for optimum strength without excessive casting weight.
- see pages 695, 701 for replacement gaskets, nuts and bolts

 Comparable to: Victaulic's #77 Grinnell's #7001



Nominal	Dino	Maximum	Maximum		Bolts		Ducti	le Iron
Size	Pipe OD	Working Pressure PSI at 70°F (21°C)		qty	size	length	Part # with <i>EPDM</i> gasket	Part # with <i>Buna-N</i> gasket
1½"	1.900"	1000	2835	2	3/8"	2"	C115	C115BU
2"	2.375"	1000	4430	2	1/2"	23/4"	C12	C12BU
21/2"	2.875"	1000	6492	2	1/2"	23/4"	C125	C125BU
3"	3.500"	1000	9621	2	1/2"	3"	C13	C13BU
4"	4.500"	1000	15904	2	5/8"	3¼"	C14	C14BU
6"	6.625"	1000	34472	2	3/4"	41/4"	C16	C16BU
8"	8.625"	800	46741	2	7/8"	5"	C18	C18BU
10"	10.750"	800	72610	2	7/8"	5"	C20	C20BU
12"	12.750"	800	102141	2	7∕8"	5"	C24	C24BU



K

А	В	С
4-5/8"	3"	1-7/8"
5-15/64"	3-45/64"	1-27/32"
5-5/8"	4-1/4"	1-27/32"
6-21/32"	5"	1-27/32"
8-17/64"	6-3/8"	2-3/64"
11-7/32"	8-57/64"	2-3/64"
14-1/64"	11-3/8"	2-23/64"
16-5/8"	13-1/2"	2-5/8"
18-5/8"	15-1/2"	2-5/8"







Lightweight Flexible Couplings - Series L, Style 10

Applications:

• designed for applications requiring moderate internal pressure or where weight is a factor such as general purpose, mining, irrigation, and compressed air where a deflection of 5% or less is required

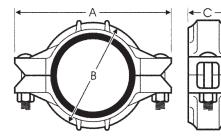
• ductile iron body with rust inhibiting paint
• Comparable to:

• Victaulic's #75
• See pages 695, 701 for replacement gaskets, nuts and bolts

• Crinnell's #7000



Naminal	Dino	Maximum	Maximum		Bolts		Ducti	le Iron
Nominal Size	Pipe OD	Working Pressure PSI at 70°F (21°C)	End Load (Lbs.)	qty	size	length	Part # with <i>EPDM</i> gasket	Part # with <i>Buna-N</i> gasket
1½"	1.900"	500	1418	2	3/8"	21/4"	L215	L215BU
2"	2.375"	500	2215	2	3/8"	2"	L02	L02BU
21/2"	2.875"	300	3246	2	3/8"	2"	L025	L025BU
3"	3.500"	300	4811	2	1/2"	23/4"	L03	L03BU
4"	4.500"	300	6362	2	1/2"	23/4"	L04	L04BU
5"	5.563"	300	9722	2	5/8"	3¼"	L05	L05BU
6"	6.625"	300	13789	2	5/8"	3¼"	L06	L06BU
8"	8.625"	300	20449	2	3/4"	41/4"	L08	L08BU
10"	10.750"	350	29815	2	3/4"	41/4"	L010	L010BU
12"	12.750"	350	40581	2	7/8"	5"	L012	L012BU





Α	В	С
4-1/2"	2-29/32"	1-25/32"
4-7/8"	3-25/64"	1-27/32"
5-15/32"	3-45/64"	1-27/32"
6-27/64"	4-39/64"	1-27/32"
7-33/64"	5-7/8"	2 -1/64"
9-17/32"	7-3/32"	2 -1/64"
10-7/16"	8-7/64"	2-3/64"
13-15/32"	10-5/32"	2-13/32"
15-3/4"	12-39/64"	2-9/16"
18-23/64"	15-7/16"	2-9/16"

Lite® Couplings - Stainless Steel

NSF.

Applications:

designed for use on rigid, locked-in pipe connections

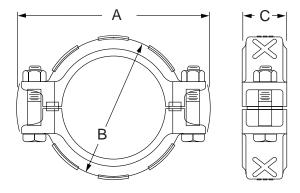
Features:

- 316 cast stainless steel body, nuts and bolts
- certified to ANSI/NSF 61
- ideal for corrosive environments
- use of suitable anti-galling thread compound is recommended

• Comparable to: Grinnell's #7400 SS



Nominal Size	Pipe OD	Maximum Working Pressure (PSI)	Maximum End Load (Lbs.)	qty	Bolts size	length	316 Stainless Steel Part # with <i>Fluoro-elastomer</i> gasket
2"	2.375"	300	1329	2	3/8"	21/4"	RL02V
3"	3.500"	300	2886	2	1/2"	23/4"	RL03V
4"	4.500"	300	4771	2	1/2"	23/4"	RL04V



A	В	С
5%"	35/8"	1¾"
65/8"	45/8"	1¾"
7¾"	6"	11/8"









Rigid Couplings - Series R, Style 5

Application:

- Application:

 o ideal for fire protection, plumbing, low pressure air and drainage

 Features:

 lightweight, low pressure

 galvanized ductile iron body

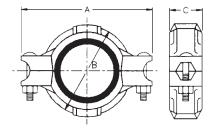
 small gripping teeth hold the housing into the groove allowing a straight run of pipe and preventing any flex at the joint

 Underwriters Listed and Factory Mutual approved

 see pages 695, 701 for replacement gaskets, nuts and bolts



Naminal	Dino	Maximum	Maximum		Bolts		Ducti	le Iron
Nominal Size	Pipe OD	Working Pressure PSI at 70°F (21°C)	End Load (Lbs.)	qty	size	length	Part # with <i>EPDM</i> gasket	Part # with <i>Buna-N</i> gasket
2"	2.375"	175	4425	2	3/8"	2"	R72	R72BU
21/2"	2.875"	175	6490	2	3/8"	2"	R725	R725BU
3"	3.500"	175	9620	2	1/2"	23/4"	R73	R73BU
4"	4.500"	175	12720	2	1/2"	23/4"	R74	R74BU
6"	6.625"	175	27570	2	5/8"	31/4"	R76	R76BU
8"	8.625"	175	35050	2	3/4"	41/4"	R78	R78BU





А	В	С
4-7/8"	3-17/32"	1-27/32"
5-5/8"	3-45/64"	1-3/4"
6-3/8"	4-41/64"	1-27/32"
7-45/64"	5-15/16"	2"
10-25/32"	8-7/64"	2-3/64"
13-25/32"	10"	2-21/64"

K

Grooved Bolted Clamps

Features:

- 2" pressure rating: 400 PSI
- 3" pressure rating: 170 PSI
 - 4" pressure rating: 120 PSI
- bolt torque: 20 ft. lbs.
- · precision casting and machined dimensions provide an exact fit and great appearance
- use of lock nuts prevents clamps from loosening in high vibration applications
- leak-tight connection
- are intended for tank truck applications only



- Unlike steel groove clamps that secure pipe ends with high clamp force against the tubing
 walls, the Dixon® bolted clamp takes the full bolt force and locks in the groove of the tube
 preventing distortion of the tube diameter.
- FKM-B rated for 100% biodiesel and Ethanol
- Buna-N rated for petroleum service, Ethanol to E100 and biodiesel to B20
- Baylast[™] rated for petroleum service, Ethanol to E100 and biodiesel to B100
- white buna-N for use in dry bulk food applications
- temperature ratings for FKM-B is 20°F to 300°F (-7°C to 149°C)
- temperature ratings for Baylast is -20°F to 180°F (-29°C to 82°C)

Size	Gasket Material	<i>Aluminum</i> Part #
2"	FKM-B	DBV-VB200
3"	FKM-B	DBV-VB300
4"	FKM-B	DBV-VB400
2"	buna-N	DBV-BN200
3"	buna-N	DBV-BN300
4"	buna-N	DBV-BN400
2"	Baylast™	DBV-BL200
3"	Baylast™	DBV-BL300
4"	Baylast™	DBV-BL400
4"	white buna-N	DBV-WB400



clamp with black buna gasket Note: Supplied clamp gasket must be installed prior to use, ships separately.

Replacement Gaskets

Size	Material	Part #
2"	FKM-B	G200VB
3"	FKM-B	G300VB
4"	FKM-B	G400VB
3"	buna-N	G300T
4"	buna-N	G400T
2"	Baylast™	G200BL
3"	Baylast™	G300BL
4"	Baylast [™]	G400BL
4"	white buna-N	G400N





Painted Iron Clamps with Baylast™ Gaskets

Features:

- · painted red
- Baylast™ seal is rated for biodiesel, Ethanol, diesel, gas and ULSD

Size	Maximum PSI	Iron Part #
2"	500	L02BL
3"	300	L03BL
4"	300	L04BL







Mechanical Tees - Series T

Features:

- Provides a fast easy way to install a threaded containing a length of pipe. After drilling or cutting a hopipe at the location of the branch connection, simp the clamps around the pipe for a leak-free threade connection. See chart below for drilling hole specific ductile iron body with rust inhibiting paint supplied with EPDM gasket

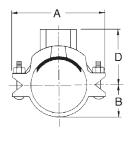
 Underwriters Listed and Factory Mutual approved maximum operating pressure: 300 PSI at 70°E (21) • Provides a fast easy way to install a threaded connection along a length of pipe. After drilling or cutting a hole in the pipe at the location of the branch connection, simply attach the clamps around the pipe for a leak-free threaded outlet connection. See chart below for drilling hole specifications
- Comparable to: Victaulic's #920 Grinnell's #7045

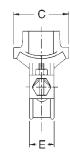
- maximum operating pressure: 300 PSI at 70°F (21°C)
 - see pages 695, 701 for replacement gaskets, nuts and bolts



Nominal Size	Branch Size	Hole Saw Diameter	Maximum End Load (Lbs.)	qty	Bolts size	length	Ductile Iron Part #
2"	1" 1¼" 1½"	1½" 1¾" 1¾"	15/8" 17/8" 17/8"	2 2 2	3/8" 3/8" 3/8" 3/8"	2" 2" 2"	MT2010 MT20125 MT20150
21/2"	1¼"	2"	21/8"	2	1/2"	25/8"	MT250125
3"	1" 1½"	1½" 2"	15/8" 21/8"	2	½" ½"	2¾" 2¾"	MT3010 MT30150
	1" 1¼" 1½"	1½" 2" 2"	15/8" 21/8" 21/8"	2 2 2	1/2" 1/2" 1/2"	2 ³ / ₄ " 2 ³ / ₄ " 2 ³ / ₄ "	MT4010 MT40125 MT40150
4"	2" 2½" 3"	2½" 2¾" 3½"	2 ⁵ / ₈ " 2 ⁷ / ₈ " 3 ⁵ / ₈ "	2 2 2	1/2" 1/2" 1/2" 1/2"	2 ³ / ₄ " 2 ³ / ₄ " 2 ³ / ₄ "	MT4020 MT40250 MT4030
6"	1¼" 1½" 2"	2½" 2½" 2½" 2½"	2 ⁵ / ₈ " 2 ⁵ / ₈ " 2 ⁵ / ₈ "	2 2 2	5/8" 5/8" 5/8"	3½" 3½" 3½" 3½"	MT60125 MT60150 MT6020
	3"	3½"	35/8"	2	5/8"	31/4"	MT6030







A	В	С	D	E
4½"	13/8"	23/4"	21/4"	11/8"
4½"	13/8"	23/4"	2½"	17/8"
4½"	13/8"	23/4"	2½"	17/8"
5-5/32"	1-11/16"	3"	2-31/32"	2"
5-13/16"	1-11/16"	3-11/32"	3"	2"
6-11/32"	2-1/8"	3-3/32"	3-1/16"	2"
6-11/32"	2-1/8"	3-3/4"	3-3/8"	2"
7-5/16"	2-9/16"	3-3/32"	3-1/2"	2"
7-5/16"	2-9/16"	3-3/4"	3-7/8"	2"
7-5/16"	2-9/16"	3-3/4"	3-7/8"	2"
7-5/16"	2-9/16"	4-1/8"	4"	2"
7-5/16"	2-9/16"	4-3/8"	4"	2"
7-5/16"	2-9/16"	5-1/4"	4-1/4"	2"
10-5/32"	3-11/16"	4-1/8"	4-7/8"	21/4"
10-5/32"	3-11/16"	4-1/8"	4-7/8"	21/4"
10-5/32"	3-11/16"	4-1/8"	5"	21/4"
10-5/32"	3-11/16"	5-1/4"	5-3/8"	21/4"

Flange Adapters - Series FA

Application:

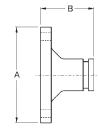
used to connect an ANSI Class 125 and 150 flange to a grooved pipe using a grooved clamp

Features:

- · Provides a rigid one piece connection that can be disconnected by removing the clamp assembly. To assemble to another flange, position bolt heads on the adapter (grooved) side.
- ductile iron body with rust inhibiting paint

Nominal Size	Pipe OD	Maximum Working Pressure PSI at 70°F (21°C)	Dimer	nge nsions B	Bo qty	olts size	Ductile Iron Part #
2"	2.375"	300	6"	2-3/8"	4	5/8"	FA20
3"	3.500"	300	71/4"	2-3/8"	4	5/8"	FA30
4"	4.500"	300	8½"	2-3/8"	8	5/8"	FA40
6"	6.625"	300	11"	2-9/16"	8	3/4"	FA60
8"	8.625"	300	13¼"	3"	8	3/4"	FA80





ANSI Split Flanges - Series SF

Comparable to:

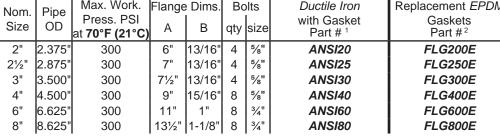
Victaulic's #741 Grinnell's #7012

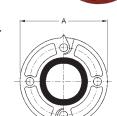


Features:

- provides a direct connection between a grooved adapter and an ANSI Class 125 and 150 raised face flanged component
- · can be used with flat face flanges by removing the raised projections on the outside face of the flange.
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- · Buna gaskets are available upon request

Nom.	Pipe		Flange	Dims.	Bo	olts	Ductile Iron	Replacement EPDM
Size		Press. PSI at 70°F (21°C)	А	В	qty	size	with Gasket Part # ¹	Gaskets Part #²
2"	2.375"	300	6"	13/16"	4	5/8"	ANSI20	FLG200E
21/2"	2.875"	300	7"	13/16"	4	5/8"	ANSI25	FLG250E
3"	3.500"	300	7½"	13/16"	4	5/8"	ANSI30	FLG300E
4"	4.500"	300	9"	15/16"	8	5/8"	ANSI40	FLG400E
6"	6.625"	300	11"	1"	8	3/4"	ANSI60	FLG600E
8"	8.625"	300	13½"	1-1/8"	8	3/4"	ANSI80	FLG800E









² replacement gasket

Reducing Adapters - Series RA

Features:

- · ductile iron body with rust inhibiting paint
- · Underwriters Listed and Factory Mutual approved
- · Comparable to:

Victaulic's #50, Grinnell's #7072

Nominal Size	Nominal Size	Dimensions E to E	Ductile Iron Part #
2"	1½"	2.5"	RAGG20150
2½"	2"	2.5"	RAGG25020
O.II	2"	2.5"	RAGG3020
3"	2½"	2.5"	RAGG30250
	2"	3.0"	RAGG4020
4"	2½"	3.0"	RAGG40250
	3"	3.0"	RAGG4030
5"	4"	3.5"	RAGG5040
	2"	4.0"	RAGG6020
6"	2½"	4.0"	RAGG60250
	3"	4.0"	RAGG6030
	4"	4.0"	RAGG6040













Grooved End Fittings - Series 45

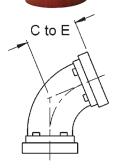
Series 45

Features:

- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: 500 PSI at ambient temperature 70°F (21°C)
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:

Victaulic's #110

Grinnell's #7051



Nominal Size	Dimensions C to E	Ductile Iron Part #
2"	2"	L2045
2½"	21/4"	L2545
3"	2½"	L3045
4"	3"	L4045
5"	3¼"	L5145
6"	3½"	L6045
8"	41/4"	L8045







Features:

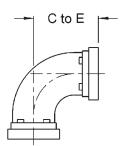




- maximum operating pressure: 500 PSI at ambient temperature 70°F (21°C)
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:

Victaulic's #10

Grinnell's #7050



Nominal Size	Dimensions C to E	Ductile Iron Part #
2"	31/4"	L502
2½"	3¾"	L5025
3"	41/4"	L503
4"	5"	L504
6"	6½"	L506
8"	7¾"	L508











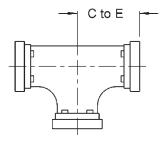


Series T

- maximum operating pressure: 500 PSI at ambient temperature 70°F (21°C)
- ductile iron body with rust inhibiting paint
- · Underwriters Listed and Factory Mutual approved
- · Comparable to:

Victaulic's #20

Grinnell's #7060



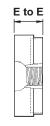
Nominal Size	Dimensions C to E	Ductile Iron Part #
2"	3¼"	T602
2½"	3¾"	T6025
3"	41/4"	T603
4"	5"	T604
6"	6½"	T606
8"	7¾"	T608

ANSI Caps with Tapped Outlet - Series EC

Feature:

· painted with rust inhibiting paint

	- ' -		
Nominal Size	Outlet	Dimensions	Ductile Iron
	Odilot	E to E	Part #
2"	2" 1"		EC201
2½"	1"	7/8"	EC251
3"	1"	7/8"	EC301
4"	1"	1"	EC401
4	2"	1"	EC402
- C"	1"	1"	EC601
6"	2"	1"	EC602
8"	2"	1-3/16"	EC802





Blank Caps - Series BE

Features:

- painted with rust inhibiting paint
 Underwriters Listed and Factory Mutual approved
- Comparable to: Victaulic's #60 Grinnell's #7074





Nominal Size Dimensions E to E		Ductile Iron Part #	
2"	7/8"	BEC20	
2½"	7/8"	BEC25	
3"	7/8"	BEC30	
4"	1"	BEC40	
6"	1"	BEC60	
8"	1-3/16"	BEC80	

Long Pipe Style Nipples - Series AN

Groove x NPT	Dimensions E to E	Carbon Steel Part #
2" 2½" 3" 4" 5"	4" 4" 4" 6"	A712 A7125 A713 A714 A715
6"	6"	A716





Grooved End x Weld Nipples

Nominal Size	Aluminum Carbon Steel Part # Part #		316 Stainless Steel Part #
2"	AVN2000-200	VN2000-200	VNR2000-200
21/2"	AVN2500-200	VN2500-200	VNR2500-200
3"	AVN3000-200	VN3000-200	VNR3000-200
4"	AVN4000-200	VN4000-200	VNR4000-200







Grooved End Butterfly Valves

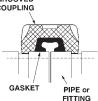
Features:

- for water and air applications
- working pressure: 300 PSI
- maximum temperature: 210°F (99°C)
- material: body: ductile iron, epoxy coated; disc: ductile iron, EPDM encapsulated; stem: stainless steel; notch plate: zinc plated steel; seals: EPDM

Size	Ductile Iron Part #
2"	GIBFV200
2½"	GIBFV250
3"	GIBFV300
4"	GIBFV400
6"	GIBFV600
8"	GIBFV800



GROOVED COUPLING



Grooved Fitting Gaskets

- check gasket color code to be certain it is recommended for the service intended
- use lubricant on gasket (reference next page)
- for services not listed contact Dixon® for recommendations

FKM Gaskets

Features:

- temperature range: -13°F to 350°F (-11°C to 177°C)
- color code: black with blue stripe
- resistant to oxidizing acids, petroleum oils, hydraulic fluids, halogenated hydrocarbons and **lubricants**

Size	<i>FKM</i> Part #
2"	G200V
3"	G300V
4"	G400V
6"	G600V
8"	G800V
10"	G1000V
12"	G1200V

Features:

EPDM Gaskets

- temperature range: -22°F to 230°F (-30°C to 110°C)
- color code: black with green stripe
- for water, dilute acids, alkalies, salts, and many chemical services not involving hydrocarbons, oils, or gases
- excellent oxidation resistance
- not for use with hydrocarbons

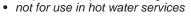




Size	<i>EPDM</i> Part #
1½"	G150E
2"	G200E
2½"	G250E
3"	G300E
4"	G400E
5"	G500E
6"	G600E
8"	G800E
10"	G1000E
12"	G1200E

Buna Gaskets

- temperature range: -24°F to 176°F (-31°C to 80°F)
- for petroleum products, vegetable oils, mineral oils, and air contaminated with petroleum oils







Size	Black Buna with orange stripe	White Buna	
	Part #	Part #	
1½"	G150T		
2"	G200T		
2½"	G250T		
3"	G300T		
4"	G400T	G400N	
5"	G500T		
6" 8"	G600T		
0 10"	G800T G1000T		
12"	G1200T		



Grooved Fitting Accessories

Nuts and Bolts

Features:

- the nuts are a heavy hexagon design
- specifically designed for use with the couplings on pages 691-696

Specification:

• conforms to ASTM A183

Bolt Thread	Bolt Length	Torque Ft. Lbs.	Electroplated Carbon Steel Part #
3/8"	2"	30	BLT38200
3/8"	21/4"	30	BLT38225
1/2"	2½"	50	BLT50212
1/2"	2¾"	50	BLT50234
1/2"	3"	50	BLT50300
5/8"	3¼"	75	BLT58314
3/4"	4¼"	75	BLT75414
7/8"	5"	200	BLT78500



Groove Lube

Features:

- · water soluble
- non-toxic
- non-corrosive
- non-flammable
- should not be used with HDPE pipe



Specification:

NSF approved for use with potable water

Size	Container	Part #	
1 qt.	Tub	GROOVLUB32	







High Density Polyethylene (HDPE) Couplings

ipe, Welding Tube Fittings





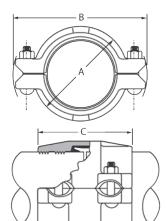
Applications:

designed for mechanically joining high density polyethylene pipe and fittings

Features

- ductile iron body with rust inhibiting paint
- uses four bolts to drive the sharply machined housing teeth into the outside of the pipe
- Comparable to: Grinnell's #9095

Naminal	Dina	Bolts		_	Ductile Iron	
Nominal Size	Pipe OD	qty	size	length	Part # with <i>EPDM</i> gasket	Part # with <i>Buna-N</i> gasket
2"	2.375"	4	1/2"	23/8"	HDPE200	HDPE200BU
3"	3.500"	4	1/2"	3"	HDPE300	HDPE300BU
4"	4.500"	4	1/2"	3"	HDPE400	HDPE400BU
6"	6.625"	4	5/8"	3½"	HDPE600	HDPE600BU



A	В	С
33/8"	5½"	45/8"
4 ⁵ / ₈ " 5 ¹ / ₄ " 7 ¹ / ₂ "	6¾"	4 ⁵ / ₈ " 5 ³ / ₄ "
5¼"	8"	5¾"
7½"	11"	57/8"



Y Line Strainers

Cast Iron

Features:

- graphite gasket
- working pressure: 400 PSI WOG, 250 PSI steam
- plug ported for blowdown service
- no replacement screens available

Female NPT	Description	Cast Iron Part #
1/4" 3/8" 1/2" 3/4" 1" 11/4" 11/2" 2"	20 x 20 mesh	Y001 Y002 Y003 Y004 Y005 Y006 Y007 Y008





Cast Bronze

Feature:

• working pressure: 400 PSI WOG, 125 PSI steam

Female NPT	Description	Cast Bronze Part #	304 Stainless Replacement Screens Part #
1/4"	50 x 50 mesh	59-001	G3271-00
/4 3/8"	50 x 50 mesh	59-007 59-002	G2457-00 G2457-00
1/2"	50 x 50 mesh	59-003	G2457-00
3/4"	20 x 20 mesh	59-004	G3224-00
1"	20 x 20 mesh	59-005	G3225-00
11/4"	20 x 20 mesh	59-006	G3231-00
1½"	20 x 20 mesh	59-007	G3229-00
2"	20 x 20 mesh	59-008	G3230-00



replacement screen

Polypropylene

- protects and prevents clogging of pipelines, pumps and spray tips
- glass-filled polypropylene body
- · easy access for cleaning
- maximum operating pressure: 90 PSI at 70°F (21°C)

Female NPT	Description	Polypropylene Part #	304 Stainless Replacement Screens Part #
3/4"	40 mesh	PYLS7540	64178
1"	40 mesh	PYLS10040	61746
1½"	40/20 mesh	PYLS15040	61509
2"	40/20 mesh	PYLS20040	61509





replacement screen

Polypropylene T Line Strainers

Features:

- white polypropylene allows easy inspection
- maximum operating pressure: 100 PSI at 70°F (21°C)

Female NPT	Description	Polypropylene Part #	304 Stainless Replacement Screens Part #
3/4"	50 mesh	PTLS7540	61405
1"	40 mesh	PTLS10040	61405







Pipe, Welding & Tube Fittings





ME217

ME233





ME503-16

LP Gas 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)

Male Acme x Male NPT Adapters

Male Acme	Male NPT	Female NPT	<i>Brass</i> Part #
13/4"	1¼"		ME217
21/4"	1¼"		ME233
21/4"	1½"	1"	ME502-12/8 ¹
31/4"	2"		ME503-16

¹ dual threads - male outside / female inside

Male Acme x Female NPT Adapters



Male	Female	<i>Brass</i>
Acme	NPT	Part #
1¾"	1"	ME214
3¼"	2"	ME252-16

Male Acme x Male NPT Adapters





ME217S

ME503S-16

Male	Male	Steel
Acme	NPT	Part #
1¾"	1¼"	ME217S
21/4"	1¼"	ME233S
31/4"	2"	ME503S-16

Male Acme x Female NPT Adapter





Female Acme x Male Acme Adapters





brass

steel

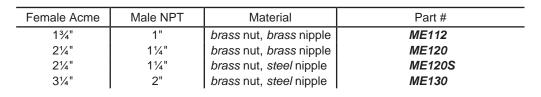
F	emale Acme	Male Acme	Material	Part #
	3¼" 3¼"	1 ³ / ₄ "	brass	ME612 ME612S
	3/4	174	steel	IVIE0123



K

LP Gas Couplings and Adapters

Female Acme x Male NPT Filler Couplings, Brass Nut



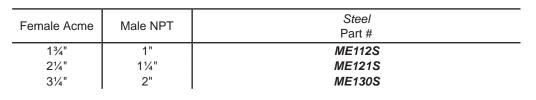


ME112 ME120



MF13

Female Acme x Male NPT Filler Couplings, Steel Nut







ME112S

ME121S



ME130S

Acme Gaskets

Size	Nitrile Part #
1¾" 2¼"	MEW2 MEW5
31/4"	MEW6



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

Hose Barb	Thread Size	Material	Part #
1"	1" male NPT	steel nipple, 2-piece ductile iron clamp	ME3162-16
11/4"	1¼" male NPT	steel nipple, 2-piece ductile iron clamp	ME3162-20
1½"	1½" male NPT	steel nipple, 2-piece ductile iron clamp	ME3162-24
2"	2" male NPT	steel nipple, 2-piece ductile iron clamp	ME3162-32
2"	31/4" female Acme	steel nipple, brass nut, 2-piece ductile iron clamp	ME3162-32B
2"	3¼" female Acme	steel nipple, steel nut, 2-piece ductile iron clamp	ME3162-32S



ME3162-20

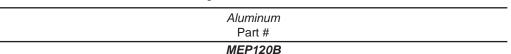


ME3162-32B

Acme Spanner Wrench

Feature:

used on 1¾", 2¼", 3¼" and 4¼" fittings









Pipe, Welding Tube Fittings





ME441F

Metal Caps

LP Gas Hose Caps and Plugs

Female Acme Threads	Description	Material	Part #
13/4"	cap with ring and chain	brass	ME229-1
13/4"	cap with ring and chain	steel	ME229S-1
21/4"	cap with knob plug and chain	brass	ME431F-1
21/4"	cap with knob plug, ring and chain	steel	ME431FS-1
31/4"	cap with knob plug, ring and chain	brass	ME441F-1
31/4"	cap with knob plug, ring and chain	steel	ME441FS-1

ME109-1



ME109-NH3-1

Plastic Caps

Female Acme Threads	Description	Plastic Part #
1¾" 1¾"	cap with ring and chain, yellow cap with chain assembly, for anhydrous service	ME109-1 ME109-NH3-1

Plastic Dust Plugs



ME179-1



ME180-1



Male Acme Threads	Description	<i>Plastic</i> Part #
1¾"	plug with dust seal and chain assembly, yellow	ME179-1
21/4"	plug with dust seal and chain assembly, yellow	ME180-1
31/4"	plug with dust seal and chain assembly, yellow	ME181-1



Pipe, Weldi & Tube Fitti

Instrumentation Fittings

Applications:

- high pressure
- high temperature
- nitrogen
- helium

- · flammable gases
- hydraulic gases
- · corrosive media
- pneumatic automation

Installation Instructions:

- Cut tubing squarely and clean tube end thoroughly to remove burrs.
- 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 1½ turns, while holding the body with a second wrench.

Suggested Working Pressures (PSI)

wall thk.	.028	.035	.049	.065	.083	.095	.109
1/4"	4,000	5,100	7,500	10,100			
3/8"		3,300	4,700	6,600			
1/2"		2,600	3,700	5,000	6,600		
5/8"			2,900	3,900	5,200	6,000	
3/4"			2,400	3,200	4,200	4,900	5,700

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.

Male Connectors

Tube OD	Male NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/!!	1/8"-27	200-1-2	2-DMC-2	10
1/8"	1/4"-18	200-1-4	2-DMC-4	10
	1/8"-27	400-1-2	4-DMC-2	10
1/4"	1/4"-18	400-1-4	4-DMC-4	10
74	3⁄8"-18	400-1-6	4-DMC-6	10
	1/2"-14	400-1-8	4-DMC-8	10
	1/4"-18	600-1-4	6-DMC-4	10
3/8"	3⁄8"-18	600-1-6	6-DMC-6	10
	1/2"-14	600-1-8	6-DMC-8	10
	1/4"-18	810-1-4	8-DMC-4	10
1/2"	3⁄8"-18	810-1-6	8-DMC-6	10
	1/2"-14	810-1-8	8-DMC-8	10
5/8"	1/2"-14	1010-1-8	10-DMC-8	10
	1/2"-14	1210-1-8	12-DMC-8	10
3/4"	3/4"	1210-1-12	12-DMC-12	10
	1"	1210-1-16	12-DMC-16	10
1"	3/4"	1610-1-12	16-DMC-12	10
ı	1"	1610-1-16	16-DMC-16	10





Female Connectors

Tube OD	Female NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8"	1/8"-27	200-7-2	2-DFC-2	10
1/4"	1/8"-27	400-7-2	4-DFC-2	10
/4	1/4"-18	400-7-4	4-DFC-4	10
3/8"	1/4"-18	600-7-4	6-DFC-4	10
/8	1/2"-14	600-7-8	6-DFC-8	10
1/2"	1/2"-14	810-7-8	8-DFC-8	10
5/8"	1/2"	1010-7-8	10-DFC-8	10
3/4"	1/2"	1210-7-8	12-DFC-8	10
-/4	3/4"	1210-7-12	12-DFC-12	10
1"	1"	1610-7-16	16-DFC-16	10





Instrumentation Fittings

Unions



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
½" x ½"	200-6	2-DU	10
½" x ½"	400-6-2	4-DU-2	10
1/4" x 1/4"	400-6	4-DU	10
3/8" X 1/4"	600-6-4	6-DU-4	10
3/8" X 3/8"	600-6	6-DU	10
½" x ½"	810-6	8-DU	10
5/8" X 5/8"	1010-6	10-DU	10
3/4" X 3/4"	1210-6	12-DU	10
1" x 1"	1610-6	16-DU	10

Bulkhead Unions



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-61	4-DBHU-4	10
3/8"	600-61	6-DBHU-6	10
1/2"	810-61	8-DBHU-8	10
5/8"	1010-61	10-DBHU-10	10
3/4"	1210-16	12-DBHU-12	10
1"	1610-16	16-DBHU-16	10

Reducers



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4" X 1/8"	400-R-2	4-DRATT-2	10
3/8" X 1/4"	600-R-4	6-DRATT-4	10
3/8" X 1/2"	600-R-8	6-DRATT-8	10
½" X ¾"	810-R-12	8-DRATT-12	10
3/4" X 1/2"	1210-R-8	12-DRATT-8	10
3/4" x 1"	1210-R-16	12-DRATT-16	10

Male Elbows





Tube OD	Male NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	1/8"-27	400-2-2	4-DME-2	10
74	1/4"-18	400-2-4	4-DME-4	10
3/8"	1/4"-18	600-2-4	6-DME-4	10
98"	3⁄8"-18	600-2-6	6-DME-6	10
1/2"	1/2"-14	810-2-8	8-DME-8	10
3/4"	1/2"-14	1210-2-8	12-DME-8	10
74	3/4"	1210-2-12	12-DME-12	10
1"	3/4"	1610-2-12	16-DME-12	10
ı	1"	1610-2-16	16-DME-16	10

Female Elbows



Tube OD	Female NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	1/8"-27	400-8-2	4-DFE-2	10
3/8"	1/4"-18	600-8-4	6-DFE-4	10
1/2"	1/2"-14	810-8-8	8-DFE-8	10
3/4"	1/2"	1210-8-8	12-DFE-8	10
3/4"	3/4"	1210-8-12	12-DFE-12	10
1"	1"	1610-8-16	16-DFE-16	10

K

Instrumentation Fittings

Union Elbows

Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-9	4-DELU-4	10
3/8"	600-9	6-DELU-6	10
1/2"	810-9	8-DELU-8	10
5/8"	1010-9	10-DELU-10	10
3/4"	1210-9	12-DELU-12	10
1"	1610-9	16-DELU-16	10



Ripe, Welding Tube Fittings

Male Branch Tees

Tube OD	Male NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8"	1/8"-27	200-3TTM	2-DTTM-2	10
1/4"	1⁄4"-18	400-3-4TTM	4-DTTM-4	10
1/2"	3/8"	810-3TTM	8-DTTM-6	10
1/2"	1/2"	810-3-8TTM	8-DTTM-8	10
3/4"	1/2"	1210-3-8TTM	12-DTTM-8	10
3/4"	3/4"	1210-3TTM	12-DTTM-12	10
1"	3/4"	1610-3-12TTM	16-DTTM-12	10
1"	1"	1610-3-16TTM	16-DTTM-16	10



Female Branch Tees

Tube OD	Female NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	1/4"-18	400-3-4TTF	4-DTTF-4	10



Union Tees

		v	
Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-3	4-DTTT-4	10
3/8"	600-3	6-DTTT-6	10
1/2"	810-3	8-DTTT-8	10
5/8"	1010-3	10-DTTT-10	10
3/4" X 3/8"	1210-3-12-6	12-DTTT-6	10
3/4" X 1/2"	1210-3-12-8	12-DTTT-8	10
3/4"	1210-3	12-DTTT-12	10
1" x ¾"	1610-3-12-16	16-DTTT-12	10
1"	1610-3	16-DTTT-16	10





Male Run Tees

		1		
Tube OD	Male NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8"	1/8"-27	200-3TMT	2-DTMT-2	10
1/4"	1/4"-18	400-3-4TMT	4-DTMT-4	10
3/8"	1/4"-18	600-3TMT	6-DTMT-4	10
1/2"	3/8"	810-3TMT	8-DTMT-6	10
1/2"	1/2"	810-3-8TMT	8-DTMT-8	10
3/4"	3/4"	1210-3TMT	12-DTMT-12	10
1"	1"	1610-3-16TMT	16-DTMT-16	10





ipe, Welding Tube Fittings



Instrumentation Fittings

Front Ferrules

Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8"	203-1	DFC-2	10
1/4"	403-1	DFC-4	10
3/8"	603-1	DFC-6	10
1/2"	813-1	DFC-8	10
5/8"	1013-1	DFC-10	10
3/4"	1213-1	DFC-12	10
1"	1613-1	DFC-16	10

Rear Ferrules



_		216 Stainlass S	316 Stainless Steel	Pkg
	Tube OD	Interchanges	Part #	Qty
	1/8"	204-1	DRC-2	10
	1/4"	404-1	DRC-4	10
	3/8"	604-1	DRC-6	10
	1/2"	814-1	DRC-8	10
	5/8"	1014-1	DRC-10	10
	3/4"	1214-1	DRC-12	10
	1"	1614-1	DRC-16	10

Nuts



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	402-1	DN-4	10
3/8"	602-1	DN-6	10
1/2"	812-1	DN-8	10
5/8"	1012-1	DN-10	10
3/4"	1212-1	DN-12	10
1"	1612-1	DN-16	10

Caps



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-C	4-DCAP	10
3/8"	600-C	6-DCAP	10
1/2"	810-C	8-DCAP	10
5/8"	1010-C	10-DCAP	10
3/4"	1210-C	12-DCAP	10
1"	1610-C	16-DCAP	10
	1/4" 3/8" 1/2" 5/8" 3/4"	1/4" 400-C 3/8" 600-C 1/2" 810-C 5/8" 1010-C 3/4" 1210-C	Tube OD Interchanges Part # ½" 400-C 4-DCAP ¾" 600-C 6-DCAP ½" 810-C 8-DCAP ½" 1010-C 10-DCAP ¾" 1210-C 12-DCAP

Plugs



	•		
Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-P	4-DFPLUG	10
3/8"	600-P	6-DFPLUG	10
1/2"	810-P	8-DFPLUG	10
5/8"	1010-P	10-DFPLUG	10
3/4"	1210-P	12-DFPLUG	10
1"	1610-P	16-DFPLUG	10



Pipe, Welding & Tube Fitting

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.

			Turns required to seal from hand- tight		PSI @
Fitting Size	Tube OD	Tube Wall	60C Series with soft metal tubing	60PT Series with thermoplastic tubing	73°F (23°C)
2"	1/8"	.030	11/4	-	400
3"	3/16"	.030	1¼	-	400
4"	1/4"	.030	11/4	2	300
5"	5/16"	.032	11/4	2	300
6"	3/8"	.032	21/4	2	200
8"	1/2"	.032	21/4	2	200
10"	5/8"	.035	21/4	2	150
12"	3/4"	.035	21/4	2	100
14"	7/8"	.035	21/4	-	75

Male Connectors

Feature:

• reference SAE 060102 BA

		Dunna
Tube Size	Pipe Thread	Brass
		Part #
1/8"	1/8"	68C-0202
3/16"	1/8"	68C-0302
3/10	1/4"	68C-0304
	1/8"	68C-0402
4 / 4 !!	1/4"	68C-0404
1/4"	3/8"	68C-0406
	1/2"	68C-0408
E/16"	1/8"	68C-0502
5/16"	1/4"	68C-0504
	1/8"	68C-0602
3/8"	1/4"	68C-0604
3/8	3/8"	68C-0606
	1/2"	68C-0608
7/16"	1/4"	68C-0704
	1/4"	68C-0804
1/2"	3/8"	68C-0806
	1/2"	68C-0808
	3/8"	68C-1006
5/8"	1/2"	68C-1008
	3/4"	68C-1012
3/4"	1/2"	68C-1208
3/4	3/4"	68C-1212
7/8"	3/4"	68C-1412







Pipe, Welding Tube Fittings

Compression Fittings

Female Connectors

Feature:

• reference SAE 060103 BA



Tube Size	Pipe Thread	<i>Brass</i> Part #
1/8"	1/8"	66C-0202
3/16"	1/8"	66C-0302
3/10	1/4"	66C-0304
1/4"	1/8"	66C-0402
1/4	1/4"	66C-0404
E/46"	1/8"	66C-0502
5/16"	1/4"	66C-0504
	1/8"	66C-0602
0/0"	1/4"	66C-0604
3/8"	3/8"	66C-0606
	1/2"	66C-0608
	1/4"	66C-0804
1/2"	3/8"	66C-0806
	1/2"	66C-0808
5/8"	1/2"	66C-1008

Unions

Feature:

• reference SAE 060101 BA



Tube Size	Brass Part #
1/8"	62C-02
3/16"	62C-03
1/4"	62C-04
5/16"	62C-05
3/8"	62C-06
7/16"	62C-07
1/2"	62C-08
5/8"	62C-10
3/4"	62C-12
7/8"	62C-14



Union Reducers

Feature:

• reference SAE 060101 BA



Tube Size	Brass Part #
1/4" x 3/16"	62C-0403
3/8" x 1/4"	62C-0604
1/2" x 3/8"	62C-0806
5/8" x 3/8"	62C-1006

Bulkhead Unions



Tube Size	Brass Part #
1/4"	62CBH-04
3/8"	62CBH-06



Compression Fittings

Straight Through Tank Fittings

Tube Size	Pipe Thread	<i>Bra</i> ss Part #
3/16"	1/8"	682C-0302
3/8"	3/8"	682C-0606
1/2"	1/2"	682C-0808





Female Elbows

Feature:

• reference SAE 060203 BA

Tube Size	Pipe Thread	<i>Bra</i> ss Part #
1/8"	1/8"	170C-0202
3/16"	1/8"	170C-0302
1/4"	1/8"	170C-0402
1/4	1/4"	170C-0404
3/8"	1/4"	170C-0604
3/0	3/8"	170C-0606
7/16"	1/4"	170C-0704
1/2"	3/8"	170C-0806



Male Elbows

Feature:

• reference SAE 060202 BA

Tube Size	Pipe Thread	<i>Brass</i> Part #
1/8"	1/8"	269C-0202
3/16"	1/8"	169C-0302
3/10	1/4"	169C-0304
	1/8"	169C-0402
1/4"	1/4"	169C-0404
	3/8"	169C-0406
	1/8"	169C-0502
5/16"	1/4"	169C-0504
	3/8"	169C-0506
	1/8"	169C-0602
3/8"	1/4"	169C-0604
3/0	3/8"	169C-0606
	1/2"	169C-0608
	1/4"	169C-0804
1/2"	3/8"	169C-0806
	1/2"	169C-0808
5/8"	1/2"	169C-1008
2/4"	1/2"	169C-1208
3/4"	3/4"	169C-1212





45° Elbows

Tube Size	Pipe Thread	<i>Brass</i> Part #
1/4"	1/8"	179C-0402
	1/4"	179C-0404
	1/8"	179C-0602
3/8"	1/4"	179C-0604
	3/8"	179C-0606
1/2"	3/8"	179C-0806





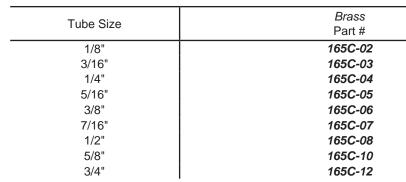
Pipe, Welding Tube Fittings

Compression Fittings

Union Elbows

Feature:

• reference SAE 060201 BA





Male Branch Tees

Feature:

• reference SAE 060425 BA



	I	Drace
Tube Size	Pipe Thread	Brass
	pooaa	Part #
1/8"	1/8"	172C-0202
3/16"	1/8"	172C-0302
1/4"	1/8"	172C-0402
1/4	1/4"	172C-0404
	1/8"	172C-0602
3/8"	1/4"	172C-0604
	3/8"	172C-0606
1/2"	3/8"	172C-0806



Female Branch Tee

Tube Size	Pipe Thread	<i>Brass</i> Part #
1/4"	1/8"	177C-0402



Union Tees

Feature:

• reference SAE 060401 BA



Tube Size	Tube Size	Brass
1 and 2	3	Part #
1/8"	1/8"	164C-02
3/16"	3/16"	264C-03
1/4"	1/4"	164C-04
5/16"	5/16"	164C-05
3/8"	3/8"	164C-06
1/2"	1/2"	164C-08
5/8"	5/8"	164C-10
3/4"	3/4"	164C-12
3/8"	1/4"	164C-06-06-04
1/2"	3/8"	164C-08-08-06



Compression Fittings

Male Run Tees

Feature:

• reference SAE 060424 BA

Tube Size	Pipe Thread	<i>Bra</i> ss Part #
1/8"	1/8"	171C-0202
3/16"	1/8"	171C-0302
1/4"	1/8"	171C-0402
1/4"	1/4"	171C-0404
3/8"	1/4"	171C-0604



Adapter Tee

Tube Size	Male Pipe Thread	Female Straight Thread	<i>Brass</i> Part #
1/4"	1/8"	7/16"-24	176C-0402



Seal Plug

Tube Size	<i>Brass</i> Part #
1/4"	639C-04



Inserts

Tube Size	Tube Wall Thickness	<i>Brass</i> Part #
1/8"	.016"	63PT-0216
1/8	.023"	63PT-0223
3/16"	.025"	63PT-0325
3/10	.040"	63PT-0340
1/4"	.040"	63PT-0440
1/4	.062"	63PT-0462
5/16"	.040"	63PT-0540
5/10	.062"	63PT-0562
3/8"	.062"	63PT-0662
1/2"	.062"	63PT-0862
5/8"	.062"	63PT-1062



• Acetal sleeves and brass inserts allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

Feature:

Brass Sleeves

• reference SAE 060115

Tube Size	<i>Brass</i> Part #
1/8"	60C-02
3/16"	60C-03
1/4"	60C-04
5/16"	60C-05
3/8"	60C-06
7/16"	60C-07
1/2"	60C-08
5/8"	60C-10
3/4"	60C-12
7/8"	60C-14





ipe, Welding Tube Fittings

Compression Fittings

Acetal Sleeves



Tube Size	Acetal Part #
1/4"	60PT-04
5/16"	60PT-05
3/8"	60PT-06
1/2"	60PT-08
5/8"	60PT-10

• Acetal sleeves and brass inserts allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

Nuts

Feature:

• reference SAE 060110



Tube Size	ube Size Straight Thread Brass Part #	
1/8"	5/16"-24	61C-02
3/16"	3/8"-24	61C-03
1/4"	7/16"-24	61C-04
5/16"	1/2"-24	61C-05
3/8"	9/16"-24	61C-06
7/16"	5/8"-24	61C-07
1/2"	11/16"-20	61C-08
5/8"	13/16"-18	61C-10
3/4"	1"-18	61C-12
7/8"	1-1/8"-18	61C-14

Long Nuts

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Feature:

• reference SAE 060111



Tube Size Straight Thread		Brass Part #
1/4"	7/16"-24	61CL-04
5/16"	1/2"-24	61CL-05
3/8"	9/16"-24	61CL-06
1/2"	11/16"-20	61CL-08
5/8"	13/16"-18	61CL-10
3/4"	1"-18	61CL-12



Pipe, Welding & Tube Fitting

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 (-54°C to 121°C)

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 (22°C) using copper tubing.

PSI	Tube OD	Tube Wall
1400 ¼"		.030
1000 3/8"		.032
750 ½"		.032
650	5/8"	.035
550	3/4"	.035

Assembly Instructions:

- 1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
- 2. Place nut onto tube. Place threaded end of nut toward end of tube.
- 3. Flare tube end with flaring tool to provide 45° flare (flare tools are available, please contact Dixon® for pricing and availability).
- 4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight. Tighten with a wrench an additional 1/4 turn for a metal-to-metal seal.

Male Connectors

Feature:

reference SAE 010102

Tube Size	Pipe Size	Straight Thread	Hex	<i>Bra</i> ss Part #
	1/4"	7/16"-20	9/16"	48F-4-4
1/4"	3/8"	7/16"-20	11/16"	48F-4-6
	1/2"	7/16"-20	7/8"	48F-4-8
	1/8"	5/8"-18	5/8"	48F-6-2
3/8"	1/4"	5/8"-18	5/8"	48F-6-4
78	3/8"	5/8"-18	11/16"	48F-6-6
	1/2"	5/8"-18	7/8"	48F-6-8
	1/4"	3/4"-16	3/4"	48F-8-4
1/2"	3/8"	3/4"-16	3/4"	48F-8-6
	1/2"	3/4"-16	7/8"	48F-8-8
5/8"	3/8"	7/8"-14	7/8"	48F-10-6
3/4"	3/4"	1-1/16"-14	1-1/16"	48F-12-12





Foaturo.

reference SAE 010103

Telefolice one of the office o				
Tube Size Pipe Size		Straight Thread	Hex	<i>Brass</i> Part #
1/4"	1/4"	7/16"-20	11/16"	46F-4-4
	1/4"	5/8"-18	11/16"	46F-6-4
3/8"	3/8"	5/8"-18	13/16"	46F-6-6
	1/2"	5/8"-18	1"	46F-6-8
1/"	1/4"	3/4"-16	3/4"	46F-8-4
/2	3/8"	3/4"-16	13/16"	46F-8-6
5/8"	3/8"	7/8"-14	7/8"	46F-10-6
	Tube Size 1/4" 3/8" 1/2"	1/4"	Tube Size Pipe Size Straight Thread 1/4"	Tube Size Pipe Size Straight Thread Hex 1/4"



Female Connectors



Pipe, Welding Tube Fittings

Brass SAE 45° Flare Fittings

Unions

Feature:

• reference SAE 010101



Tube Size	Straight Thread	Hex	<i>Brass</i> Part #
1/4"	7/16"-20	7/16"	42F-4
3/8"	5/8"-18	5/8"	<i>42F-</i> 6
1/2"	3/4"-16	3/4"	42F-8

Male Elbows

Feature:

• reference SAE 010202



Tube Size	Pipe Size	Straight Thread	<i>Brass</i> Part #
	1/8"	7/16"-20	149F-4-2
1/4"	1/4"	7/16"-20	149F-4-4
	3/8"	7/16"-20	149F-4-6
	1/4"	5/8"-18	149F-6-4
3/8"	3/8"	5/8"-18	149F-6-6
	1/2"	5/8"-18	149F-6-8
	1/4"	3/4"-16	149F-8-4
1/2"	3/8"	3/4"-16	149F-8-6
	1/2"	3/4"-16	149F-8-8
5/8"	1/2"	7/8"-14	149F-10-8
3/4"	3/4"	1-1/16"-14	149F-12-12

Female Elbows

Feature:

• reference SAE 010203

Tube Size	Pipe Size	Straight Thread	<i>Brass</i> Part #
1/4"	1/4"	7/16"-20	150F-4-4
3/8"	3/8"	5/8"-18	150F-6-6
3/8"	1/2"	5/8"-18	150F-6-8

90° Swivel Elbows



Tube Size	Straight Thread	<i>Brass</i> Part #
1/4"	7/16"-20	166FSV-4-4
3/8"	5/8"-18	166FSV-6-6
1/2"	3/4"-16	166FSV-8-8



K

Brass SAE 45° Flare Fittings

45° Elbows

Feature:

• reference SAE 010302

Tube Size	Pipe Size	Straight Thread	<i>Brass</i> Part #
1/4"	1/4"	7/16"-20	159F-4-4
3/8"	1/4"	5/8"-18	159F-6-4
	3/8"	5/8"-18	159F-6-6
	1/4"	3/4"-16	159F-8-4
1/2"	3/8"	3/4"-16	159F-8-6
	1/2"	3/4"-16	159F-8-8





Union Tees

Feature:

• reference SAE 010401

Tube Size	Straight Thread	<i>Brass</i> Part #
1/4"	7/16"-20	144F-4
3/8"	5/8"-18	144F-6
1/2"	3/4"-16	144F-8



Short Nuts

Features:

- short nut for use when vibration is minimal
- reference SAE 010110

Tube Size	Straight Thread	Hex	<i>Brass</i> Part #
1/4"	7/16"-20	9/16"	41FS-4
3/8"	5/8"-18	3/4"	41FS-6
1/2"	3/4"-16	7/8"	41FS-8



Long Nuts

Features:

- long nut offers additional vibration capacity
- reference SAE 010111

Tube Size	Straight Thread	Hex	<i>Brass</i> Part #
1/4"	7/16"-20	9/16"	41FL-4
3/8"	5/8"-18	3/4"	41FL-6
1/2"	3/4"-16	7/8"	41FL-8







Flareless Bite Fittings

Applications:

- chemical, pulp and paper, oil and gas refineries, military, air compressors and machine tools
- compre well-sun application of the sun applic well-suited for a variety of processing and general hydraulic applications

- 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
- Minimal risk of improper assembly as the ferrule visibly bites into the tubing, allowing installer to visually inspect the bite
- 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

Steel

Steel

Part # FLC2402-04-04

FLC2402-06-06

FLC2402-08-08

FLC2402-12-12

· finger tighten nut and then further wrench tighten nut another 1/3 to 1/2 turn

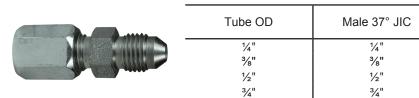
Male Tube x Male NPTF Adapters

1/8"	Tube OD	Male NPTF	Part #
1/8"		1/8"	
3/16"	1/8"		1
1/8"	3/16"	.	
1/4"	0/10		1
1/4" 3/8" FLC2404-04-06 1/2" FLC2404-04-08			1
1/2" FLC2404-04-08 5/16" 1/8" FLC2404-05-02 1/4" FLC2404-05-04 1/8" FLC2404-06-02 1/4" FLC2404-06-04 3/8" FLC2404-06 1/2" FLC2404-06-08 1/2" FLC2404-08-04 3/8" FLC2404-08-06 1/2" FLC2404-08 3/4" FLC2404-08-12 5/8" 1/2" FLC2404-10-06 5/8" 1/2" FLC2404-10-12 1/2" FLC2404-10-12 1/2" FLC2404-12-08 3/4" FLC2404-12-16 3/4" FLC2404-12-16 1" FLC2404-16-12 1" FLC2404-16-12 1" FLC2404-16-12 1-1/4" FLC2404-20-12 1-1/4" FLC2404-20-12	1/4"		1
5/16" 1/8" FLC2404-05-02 1/4" FLC2404-05-04 1/8" FLC2404-06-02 1/4" FLC2404-06-04 3/8" FLC2404-06 1/2" FLC2404-06-08 1/4" FLC2404-08-04 1/2" FLC2404-08-06 1/2" FLC2404-08 3/4" FLC2404-08-12 5/8" 1/2" FLC2404-10-06 5/8" 1/2" FLC2404-10-08 3/4" FLC2404-10-12 FLC2404-12-08 3/4" FLC2404-12-08 3/4" FLC2404-12-16 1" FLC2404-12-16 1" FLC2404-16-12 1" FLC2404-16-12 1" FLC2404-16-20 1-1/4" FLC2404-20-12 1-1/4" FLC2404-20-12			1 = = = = = = = = = = = = = = = = = = =
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3/8" 3/8" 1/2" FLC2404-06 1/2" FLC2404-08-04 FLC2404-08-06 1/2" 1/2" FLC2404-08 3/4" FLC2404-08 3/4" FLC2404-10-06 5/8" 1/2" FLC2404-10-08 3/4" FLC2404-10-12 FLC2404-10-12 1/2" FLC2404-12-08 3/4" FLC2404-12-08 3/4" FLC2404-12-16 1" FLC2404-16-12 1" FLC2404-16-12 1-1/4" FLC2404-16-20 1-1/4" FLC2404-20-12		1/8"	FLC2404-06-02
1/2" FLC2404-06	0/0"	1/4"	FLC2404-06-04
1/4"	3/8"	3/8"	FLC2404-06
1/2" 3/8" FLC2404-08-06 1/2" FLC2404-08 3/4" FLC2404-08-12 3/8" FLC2404-10-06 5/8" 1/2" FLC2404-10-08 3/4" FLC2404-10-12 1/2" FLC2404-12-08 3/4" FLC2404-12 1" FLC2404-16 1" FLC2404-16-12 1" FLC2404-16 1-1/4" FLC2404-16-20 1-1/4" FLC2404-20-12 1-1/4" FLC2404-20		1/2"	FLC2404-06-08
1/2" 1/2" 5/8" 5/8" 5/8" 1/2" 5/8" 5/8" 5/8" 5/8" 5/8" 5/8" 5/8" 5/8		1/4"	FLC2404-08-04
1/2" FLC2404-08 3/4" FLC2404-08-12 3/8" FLC2404-10-06 5/8" 1/2" FLC2404-10-08 3/4" FLC2404-10-12 1/2" FLC2404-12-08 3/4" FLC2404-12 1" FLC2404-12-16 3/4" FLC2404-16-12 1" FLC2404-16-12 1" FLC2404-16 1-1/4" FLC2404-16-20 1-1/4" FLC2404-20	4 /0!!	3/8"	FLC2404-08-06
5/8" 3/8" FLC2404-10-06 1/2" FLC2404-10-08 3/4" FLC2404-10-12 1/2" FLC2404-12-08 3/4" FLC2404-12 1" FLC2404-12-16 3/4" FLC2404-16-12 1" FLC2404-16 1-1/4" FLC2404-16-20 1-1/4" FLC2404-20-12 1-1/4" FLC2404-20	1/2	1/2"	FLC2404-08
5/8" 1/2" FLC2404-10-08 3/4" FLC2404-10-12 1/2" FLC2404-12-08 3/4" FLC2404-12 1" FLC2404-12-16 3/4" FLC2404-16-12 1" 1" FLC2404-16-20 1-1/4" FLC2404-20-12 1-1/4" FLC2404-20		3/4"	FLC2404-08-12
3/4" FLC2404-10-12 1/2" FLC2404-12-08 3/4" FLC2404-12 1" FLC2404-12-16 3/4" FLC2404-16-12 1" FLC2404-16-12 1" FLC2404-16 1-1/4" FLC2404-16-20 1-1/4" FLC2404-20		3/8"	FLC2404-10-06
3/4" FLC2404-12-08 3/4" FLC2404-12 1" FLC2404-12-16 3/4" FLC2404-16-12 1" 1" FLC2404-16 1-1/4" FLC2404-16 FLC2404-16-20 1-1/4" FLC2404-20-12 FLC2404-20-12 1-1/4" FLC2404-20	5/8"	1/2"	FLC2404-10-08
3/4"		3/4"	FLC2404-10-12
1" FLC2404-12-16 3/4" FLC2404-16-12 1" 1" FLC2404-16 1-1/4" FLC2404-16-20 1-1/4" FLC2404-20-12 1-1/4" FLC2404-20		1/2"	FLC2404-12-08
3/4" FLC2404-16-12 1" 1" FLC2404-16 1-1/4" FLC2404-16-20 3/4" FLC2404-20-12 1-1/4" FLC2404-20	3/4"	3/4"	FLC2404-12
1" 1" FLC2404-16 1-1/4" FLC2404-16-20 3/4" FLC2404-20-12 1-1/4" FLC2404-20		1"	FLC2404-12-16
1-1/4" FLC2404-16-20 1-1/4" FLC2404-20-12 1-1/4" FLC2404-20	1"	3/4"	FLC2404-16-12
1-1/4" 3/4" FLC2404-20-12 1-1/4" FLC2404-20		1"	FLC2404-16
1-1/4" FLC2404-20		1-1/4"	FLC2404-16-20
1-1/4" FLC2404-20	1_1///"	3/4"	FLC2404-20-12
1-1/2"	1-1/ 4	1-1/4"	FLC2404-20
	1-1/2"	1-1/2"	FLC2404-24





Male Tube x Male 37° JIC



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Male Tube x Female NPTF Adapters

Tube OD	Female NPTF	Steel Part #
1/8"	1/8"	FLC2405-02
4/4!!	1/8"	FLC2405-04-02
1/4"	1/4"	FLC2405-04
5/16"	1/8"	FLC2405-05-02
0/0"	1/4"	FLC2405-06-04
3/8"	3/8"	FLC2405-06
	1/4"	FLC2405-08-04
1/2"	3/8"	FLC2405-08-06
	1/2"	FLC2405-08
5/8"	1/2"	FLC2405-10-08
3/4"	3/4"	FLC2405-12
1"	1"	FLC2405-16
1-1/4"	11/4"	FLC2405-20





Tube Unions

Tube OD	Steel Part #	_
1/8"	FLC2403-02	—
3/16"	FLC2403-03	
1/4"	FLC2403-04	
5/16"	FLC2403-05	
3/8"	FLC2403-06	
1/2"	FLC2403-08	
5/8"	FLC2403-10	
3/4"	FLC2403-12	
1"	FLC2403-16	
1-1/4"	FLC2403-20	
1-1/2"	FLC2403-24	



Male Tube x Male NPTF Adapter 90° Elbows

Tube OD	Male NPTF	Steel Part #
1/8"	1/8"	FLC2501-02
3/16"	1/8"	FLC2501-03-02
	1/8"	FLC2501-04-02
1/4"	1/4"	FLC2501-04
	3/8"	FLC2501-04-06
5/16"	1/8"	FLC2501-05-02
3/10	1/4"	FLC2501-05-04
	1/8"	FLC2501-06-02
3/8"	1/4"	FLC2501-06-04
3/0	3/8"	FLC2501-06
	1/2"	FLC2501-06-08
	1/4"	FLC2501-08-04
1/2"	3/8"	FLC2501-08-06
1/2	1/2"	FLC2501-08
	3/4"	FLC2501-08-12
E/0"	3/8"	FLC2501-10-06
5/8"	1/2"	FLC2501-10-08
2/4"	1/2"	FLC2501-12-08
3/4"	3/4"	FLC2501-12
1"	3/4"	FLC2501-16-12
ļ	1"	FLC2501-16
1¼"	1¼"	FLC2501-20
1½"	1½"	FLC2501-24







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Male Union 90° Elbows

Tube OD	Steel Part #
1/4"	FLC2500-04
5/16"	FLC2500-05
3/8"	FLC2500-06
1/2"	FLC2500-08
5/8"	FLC2500-10
3/4"	FLC2500-12
1"	FLC2500-16
1-1/4"	FLC2500-20

Male Tube Union Tees



Tube OD	Steel Part #
1/8"	FLC2603-02
3/16"	FLC2603-03
1/4"	FLC2603-04
5/16"	FLC2603-05
3/8"	FLC2603-06
1/2"	FLC2603-08
5/8"	FLC2603-10
3/4"	FLC2603-12
1"	FLC2603-16
1-1/4"	FLC2603-20

Ferrules



Tube OD	Steel Part #
1/8"	FLC0319-02
3/16"	FLC0319-03
1/4"	FLC0319-04
5/16"	FLC0319-05
3/8"	FLC0319-06
1/2"	FLC0319-08
5/8"	FLC0319-10
3/4"	FLC0319-12
1"	FLC0319-16
1-1/4"	FLC0319-20
1-1/2"	FLC0319-24



Nuts	
Tube OD	Steel
Tube OD	Part #
1/8"	FLC0318-02
3/16"	FLC0318-03
1/4"	FLC0318-04
5/16"	FLC0318-05
3/8"	FLC0318-06
1/2"	FLC0318-08
5/8"	FLC0318-10
3/4"	FLC0318-12
1"	FLC0318-16
1-1/4"	FLC0318-20
1-1/2"	FLC0318-24



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

Features:

- no soldering, clamps, unions or glue needed
- pressure rating: 200 PSI at 200°F (93°C)
- 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 Forged Brass Tube Size Part # U008 ½" x ½" 3/4" X 3/4" U016 U020 1" x 1"



Reducing Couplings

Tube Size	Forged Brass Part #
¾" x ½"	U058
1" x ¾"	U060



Straight Connectors

Tube Size	Female NPT	Forged Brass Part #
1/2"	1/2"	U072
3/4"	3/4"	U088
1"	1"	U094



Tube Size	Male NPT	Forged Brass Part #
1/2"	1/2"	U120
3/4"	3/4"	U134
1"	1"	U140





Reducing Connectors

Tube Size	Female NPT	Forged Brass Part #
1/2"	3/4"	U068



Tube Size	Male NPT	Forged Brass Part #
1/2"	3/4"	U116





ipe, Welding Tube Fittings

Sharkbite® Push to Connect Fittings

Elbows



Tube Size	Forged Brass Part #
½" X ½"	U248
3/4" X 3/4"	U256
1" x 1"	U260

Drop Ear Elbow



Tube Size	Female NPT	Forged Brass Part #
1/2"	1/2"	U334

Tees



Tube Size	Forged Brass Part #
1/2"	U362
3/ ₄ "	U370

Reducing Tee



Tube	Tube	Forged Brass
Size (2)	Size	Part #
3/4"	1/2"	U412

End Stops



Tube Size	Forged Brass Part #
1/2"	U514
3/4"	U518
1"	U520

Slip Couplings



Application:

for use with copper pipe only



Tube Size	Forged Brass Part #
1/2"	U3008
3/4"	U3016

Disconnect Clips



Size	ABS Plastic Part #
1/2"	U710
3/4"	U712
1"	U714

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
- · 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:
 - 1/4" 230 PSI from 35°F to 100°F (1.7°C to 38°C) 150 PSI at 150°F (66°C) 60 PSI at 200°F (93°C)
 - 190 PSI from 35°F to 100°F (1.7°C to 38°C) 100 PSI at 150°F (66°C) 60 PSI at 200°F (93°C)
 - 160 PSI from 35°F to 100°F (1.7°C to 38°C) 100 PSI at 150°F (66°C) 60 PSI at 200°F (93°C)
- maximum torque values for NPTF threads:

1/8" and 1/4" 1.0 ft. lbs. / 1.5Nm 3/8" and 1/2" 2.2 ft. lbs. / 3.0Nm

Ma	ما	Con	nectors
ıvıa		CUI	mectors

Tube OD	Male NPTF	Nylon Part #	Pkg
		Pan #	Qty
1/4"	1/8"	65055611WP2	10
/4	1/4"	65055614WP2	10
3/8"	1/4"	65056014WP2	10
78	3/8"	65056018WP2	10
1/ !!	3/8"	65056218WP2	5
1/2"	1/2"	65056222WP2	5



Female Connectors

Tube OD	Female NPTF	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/4"	63155614WP2	10
3/8"	3/8"	63156018WP2	10



Faucet Connectors

Tube OD	Female UNS	<i>Nylon</i> Part #	Pkg Qty
1/4"	7/16-24	632556133WP2	10
3/8"	7/16-24	632560133WP2	10



Fixed Elbows

Tube OD	Male NPTF	<i>Nylon</i> Part #	Pkg Qty
	1/8"	65795611WP2	10
1/4"	1/4"	65795614WP2	10
	3/8"	65795618WP2	10
3/8"	1/4"	65796014WP2	10
78	3/8"	65796018WP2	10







LIQUIfit™ Fittings

Union Elbows

ipe, Welding Tube Fittings



Tube OD	<i>Nylon</i> Part #	Pkg Qty
1/4"	63025600WP2	10
3/8"	63026000WP2	10
1/2"	63026200WP2	5

Union Tees



Tube OD	<i>Nylon</i> Part #	Pkg Qty
1/4"	63045600WP2	10
3/8"	63046000WP2	10
1/2"	63046200WP2	5

Union Connectors



Tube OD 1	Tube OD 2	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/4"	63065600WP2	10
74	3/8"	63065660WP2	10
3/8"	3/8"	63066000WP2	10
78	1/2"	63066062WP2	5
1/2"	1/2"	63066200WP2	5

Unequal Union Tee



Branch Tube OD (1)	Run Tube OD (2)	<i>Nylon</i> Part #	Pkg Qty
1/4"	3/8"	63046056WP2	10

Bulkhead Unions





Tube OD	<i>Nylon</i> Part #	Pkg Qty
1/4"	63165600WP2	10
3/8"	63166000WP2	10
1/2"	63166200WP2	5

Union Y Connectors



Tube OD	<i>Nylon</i> Part #	Pkg Qty
1/4"	63405600WP2	10
3/8"	63406000WP2	10
1/2"	63406200WP2	5

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LIQUIfit™ Fittings

Swivel Elbows

Tube OD	Male NPTF	<i>Nylon</i> Part #	Pkg Qty
	1/8"	65095611WP2	10
1/4"	1/4"	65095614WP2	10
	3/8"	65095618WP2	10
3/8"	1/4"	65096014WP2	10
	3/8"	65096018WP2	10
1/2"	3/8"	65096218WP2	4
/2	1/2"	65096222WP2	4



ipe, Welding Tube Fittings

Swivel Branch Tees

Tube OD	Male NPTF	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/8"	65085611WP2	10
	1/4"	65085614WP2	10
	3/8"	65085618WP2	10
3/8"	1/4"	65086014WP2	10
	3/8"	65086018WP2	10



Swivel Male Run Tees

Tube OD	Male NPTF	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/8"	65035611WP2	10
	1/4"	65035614WP2	10
	3/8"	65035618WP2	10
3/8"	1/4"	65036014WP2	10
	3/8"	65036018WP2	10



Stem Adapters

Tube OD	Male NPTF	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/4"	65215614WP2	10
7/4	3/8"	65215618WP2	10
3/8"	1/4"	65216014WP2	10
78	3/8"	65216018WP2	10
1/ "	3/8"	65216218WP2	5
1/2"	1/2"	65216222WP2	5





End Stops

Tube OD	<i>Nylon</i> Part #	Pkg Qty
1/4"	63515600WP2	10
3/8"	63516000WP2	10



Plugs

Tube OD	<i>Nylon</i> Part #	Pkg Qty
1/4"	63265600WP2	10
3/8"	63266000WP2	10
1/2"	63266200WP2	5





LIQUIfit™ Fittings

Hose Stems

Pipe, Welding Tube Fittings



Tube OD	Stem	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/4"	63225656WP2	10
	1/4"	63226056WP2	10
3/8"	5/16"	63226008WP2	10
	3/8"	63226060WP2	10
1/2"	3/8"	63226260WP2	10

Plug-in Reducers



Tube OD	Plug-in	<i>Nylon</i> Part #	Pkg Qty
1/4"	5/16"	63665608WP2	10
1/4"	3/8"	63665660WP2	10
3/8"	1/2"	63666062WP2	5

Plug-in Elbows



Tube OD	Plug-in	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/4"	63825600WP2	10
3/8"	3/8"	63826000WP2	10
1/2"	1/2"	63826200WP2	5

Plug-in Tees



Tube OD	Plug-in	<i>Nylon</i> Part #	Pkg Qty
1/4"	1/4"	63885600WP2	10
3/8"	3/8"	63886000WP2	10
1/2"	1/2"	63886200WP2	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.

- 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
- certified to NSF-61

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.

Tube to Male NPTF

Tube OD	Male NPTF	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VMC4-MG	10
	3/8"	PP4VMC6-MG	10
3/8"	1/4"	PP6VMC4-MG	10
	3/8"	PP6VMC6-MG	10



Tube to Female NPTF

Tube OD	Female NPTF	Polypropylene Part #	Pkg Qty
	1/8"	PP4VFC2-MG	10
1/4"	1/4"	PP4VFC4-MG	10
	3/8"	PP4VFC6-MG	10
3/8"	1/8"	PP6VFC2-MG	10
	1/4"	PP6VFC4-MG	10
	3/8"	PP6VFC6-MG	10



Tube to Male NPTF Elbows

Tube OD	Male NPTF	Polypropylene Part #	Pkg Qty
	1/4"	PP4VME4-MG	10
1/4"	3/8"	PP4VME6-MG	10
	1/2"	PP4VME8-MG	10
	1/4"	PP6VME4-MG	10
3/g"	3/8"	PP6VME6-MG	10
	1/2"	PP6VME8-MG	10



Tube to Female NPTF Elbows

Tube OD	Female NPTF	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VFE4-MG	10
	3/8"	PP4VFE6-MG	10
3/8"	1/4"	PP6VFE4-MG	10
	3/8"	PP6VFE6-MG	10





be, Welding Tube Fittings

TrueSeal™ Ball Valves

Tube to Tube Unions



Tube OD 1	Tube OD 2	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VUC4-MG	10
3/8"	1/4"	PP4VUC6-MG	10
3/8"	3/8"	PP6VUC6-MG	10

Tube to Tube Elbow Unions



Tube OD 1	Tube OD 2	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VEU4-MG	10
	3/8"	PP4VEU6-MG	10
3/8"	1/4"	PP6VEU4-MG	10
/8	3/8"	PP6VEU6-MG	10

Tube to Plug-in Elbow Unions



Tube OD	Stem	Polypropylene Part #	Pkg Qty
1/4"	3/8"	PP4VTEU6-MG	10
3/8"	3/8"	PP6VTEU6-MG	10

TrueSeal™ Check Valves

Application:

Push-to connect check valves ensure protection against reversal of flow. The valves have an arrow molded into the body to indicate the direction of flow. Valves are designed for connection with either thermoplastic or soft metal tubing and are intended *for use with liquids only.*

Features:



• O-ring: EPDM

• metal grip edge: 300 stainless steel

NSF-51 listed

maximum operating pressure: 150 PSI (dependent on tubing used)

• temperature range: 34°F to 150°F (1°C to 65°C)

cracking pressure: 1/3 PSI



Tube OD	<i>Acetal</i> Part #	Pkg Qty
1/4"	A4VC4-MG	25
3/8"	A6VC6-MG	25



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Style V Swing type hose storage	744 745 745 746 747 748 748 749 750
Style V Swing type hose storage	744 745 745 746 747 748 748 749 750 751
Style V Swing type hose storage	744 745 745 746 747 748 748 749 750 751
Style V Swing type hose storage	744 745 745 746 747 748 748 749 750 751
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Style V Swing type hose storage Swing type hose storage Heavy duty swing type hose storage Global continuous flow Continuous flow Hump racks Hose racks Pin rack hose assembly Semi automatic pin racks Steel hose cabinet Hose protection Fire jacket Fire tape Nozzles Fog	744 745 745 746 747 748 748 749 749 750 751 751 752 to 765 759, 760, 762, 763 754, 761, 763, 764 754, 755
Style V Swing type hose storage Swing type hose storage Heavy duty swing type hose storage Global continuous flow Continuous flow Hump racks Hose racks Pin rack hose assembly. Semi automatic pin racks Steel hose cabinet Hose protection Fire jacket Fire tape Nozzles Fog	744 745 745 746 747 748 748 749 749 750 751 751 751 751 754 754, 761, 763, 764 754 754, 755
Style V Swing type hose storage Swing type hose storage Heavy duty swing type hose storage Global continuous flow Continuous flow Hump racks Hose racks Pin rack hose assembly Semi automatic pin racks Steel hose cabinet Hose protection Fire jacket Fire tape Nozzles Fog	744 745 745 746 747 748 748 749 749 750 751 751 751 751 754 754, 761, 763, 764 754 754, 755
Style V Swing type hose storage Swing type hose storage Heavy duty swing type hose storage Global continuous flow Continuous flow Hump racks Hose racks Pin rack hose assembly. Semi automatic pin racks Steel hose cabinet Hose protection Fire jacket Fire tape Nozzles Fog	744 745 745 746 747 748 748 749 749 750 751 751 751 752 to 765 759, 760, 762, 763 754, 761, 763, 764 754 755
Style V Swing type hose storage Swing type hose storage Heavy duty swing type hose storage Global continuous flow Continuous flow Hump racks Hose racks Pin rack hose assembly Semi automatic pin racks Steel hose cabinet Hose protection Fire jacket Fire tape Nozzles Fog	744 745 745 746 747 748 748 749 749 750 751 751 752 to 765 759, 760, 762, 763 754, 761, 763, 764 754 755 755
Style V Swing type hose storage Swing type hose storage Heavy duty swing type hose storage Global continuous flow Continuous flow Hump racks Hose racks Pin rack hose assembly. Semi automatic pin racks Steel hose cabinet Hose protection Fire jacket Fire tape Nozzles. Fog	744 745 746 746 747 748 748 749 749 750 751 751 751 754 753 754, 761, 763, 764 754 755 755
Style V Swing type hose storage Swing type hose storage Heavy duty swing type hose storage Global continuous flow Continuous flow Hump racks Hose racks Pin rack hose assembly Semi automatic pin racks Steel hose cabinet Hose protection Fire jacket Fire tape Nozzles. Fog	744 745 745 746 747 748 748 749 749 750 751 751 752 to 765 759, 760, 762, 763 754, 761, 763, 764 754 755 755 755 755

300# Single Jacket All Polyester Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: 300 PSI
- service test pressure: 150 PSI at ambient temperature 70°F (21°C)
- working pressure: 135 PSI at ambient temperature 70°F (21°C)
- 25' and 75' lengths, UL labeled hoses and other threads and configurations are available, contact Dixon®

Uncoupled



Size	Bowl	Length	Part #
4471	1-3/4"	50'	A315-50UC
1½"	1-3/4"	100'	A315-100UC
2"	2-1/4"	50'	A320-50UC
2	2-1/4"	100'	A320-100UC
2½"	2-13/16"	50'	A325-50UC
Z/2	2-13/16"	100'	A325-100UC
3"	3-3/8"	50'	A330-50UC
3	3-3/8"	100'	A330-100UC

Coupled with female and male expansion ring couplings



Size	Length	Rocker Lug Aluminum NST (NH) Part #	Rocker Lug <i>Brass</i> <i>NST (NH)</i> Part #	Rocker Lug <i>Aluminum</i> <i>NPSH</i> Part #
1½"	50'	A315-50RAF	A315-50RBF	A315-50RAS
11/2" 100'	A315100RAF	A315100RBF	A315100RAS	
2"	50"			A320-50RAS
	100'			A320100RAS
21/"	50'	A325-50RAF	A325-50RBF	A325-50RAS
2½" 100'	A325100RAF	A325100RBF	A325100RAS	
3"	50'			A330-50RAS
3	100'			A330100RAS



500# Single Jacket All Polyester Fire Hose

Features:

outer construction: single jacket, all polyestertube construction: EPDM rubber lining

• proof pressure: 500 PSI

service test pressure: 250 PSI at ambient temperature 70°F (21°C)
 working pressure: 225 PSI at ambient temperature 70°F (21°C)

• other threads and configurations are available, contact Dixon®

Uncoupled

Size	Bowl	Length	Part #
1"	1-1/4"	50'	A510-50UC
I	1-1/4"	100'	A510-100UC
1½"	1-3/4"	50'	A515-50UC
I /2	1-3/4"	100'	A515-100UC
01/"	2-13/16"	50'	A525-50UC
2½"	2-13/16"	100'	A525-100UC



Coupled with female and male expansion ring couplings

Size	Length	Rocker Lug Aluminum NST (NH) Part #	Rocker Lug <i>Brass</i> <i>NST (NH)</i> Part #	Rocker Lug <i>Aluminum</i> <i>NPSH</i> Part #
1"	50'	A510-50RAF		A510-50RAS
	100'	A510100RAF		A510100RAS
	25'	A515-25RAF		A515-25RAS
1½"	50'	A515-50RAF	A515-50RBF	A515-50RAS
1 /2	75'	A515-75RAF		A515-75RAS
	100'	A515100RAF	A515100RBF	A515100RAS
	25'	A525-25RAF		A525-25RAS
21/2"	50'	A525-50RAF	A525-50RBF	A525-50RAS
∠/2	75'	A525-75RAF		
	100'	A525100RAF	A525100RBF	A525100RAS



500# Single Jacket Fire Hose - UL labeled

Coupled with female and male expansion ring couplings

Features:

• outer construction: single jacket, all polyester

• tube construction: EPDM rubber lining

• proof pressure: 500 PSI

• service test pressure: 250 PSI at ambient temperature 70°F (21°C)

• working pressure: 225 PSI at ambient temperature 70°F (21°C)

Underwriters Listed

• impregnated hose and other lengths threads and configurations are available, contact Dixon®

Size	Coupling Type	Length	NST Thread Part #
1½"	combo lug, brass	50'	A515U50CBF
21/2"	combo lug, brass	50	A525U50CBF





500# Single Jacket Fire Hose - Color Impregnated



Features:

- · outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: 500 PSI
- service test pressure: 250 PSI
- working pressure: 225 PSI at ambient temperature 70°F (21°C)
- consult Dixon® for pricing and availability of other colors, lengths, threads and configurations

Coupled with female and male expansion ring couplings



Size	Coupling Type	Length	Color	Part #
	rocker lug, aluminum, NST (NH)	50'	yellow	A515Y50RAF
	rocker lug, aluminum, NPSH	50'	yellow	A515Y50RAS
1½"	rocker lug, aluminum, NST (NH)	50'	red	A515R50RAF
1 /2	rocker lug, aluminum, NPSH	50'	red	A515R50RAS
	rocker lug, aluminum, NST (NH)	50'	orange	A515OR50RAF
	rocker lug, aluminum, NPSH	50'	orange	A515OR50RAS

800# Double Jacket All Polyester Fire Hose

Features:

- · outer construction: double jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: 800 PSI
- service test pressure: 400 PSI
- working pressure: 360 PSI at ambient temperature 70°F (21°C)
- consult Dixon™ for pricing and availability of 75' lengths and other threads and configurations





Size	Length	Rocker Lug Aluminum NST (NH)	Rocker Lug <i>Brass</i> <i>NST (NH)</i>	Rocker Lug Aluminum NPSH
		RAF	RBF	RAS
	25'	D815-25RAF		
1½"	50'	D815-50RAF	D815-50RBF	D815-50RAS
	100'	D815100RAF	D815100RBF	D815100RAS
	25'	D825-25RAF		
2½"	50'	D825-50RAF	D825-50RBF	D825-50RAS
	100'	D825100RAF	D825100RBF	D825100RAS

800# Double Jacket Fire Hose - Color Impregnated

Features:

- outer construction: double jacket, all polyester
- · tube construction: black, synthetic rubber liner
- proof pressure: 800 PSI at 70°F (21°C)
- service test pressure: 400 PSI at 70°F (21°C)
- working pressure: 360 PSI at 70°F (21°C)
- other lengths, threads and couplings and colors (yellow, red, blue, tan, orange, green, black) are available, contact Dixon[®]





-	Size	Thread NH (NST)	Coupling Type	Length	Part #
-		(111)	rocker lug, aluminum NST (NH)	50'	D815Y50RAF
	41/1	41/"	rocker lug, aluminum NST (NH)	100'	D815Y100RAF
	1½"	1½"	rocker lug, aluminum NPSH	50'	D815Y50RAS
			rocker lug, aluminum NPSH	100'	D815Y100RAS
	13/4"	1½"	rocker lug, aluminum NST (NH)	50' NE	N D817Y50RAF
	2½"	2½"	rocker lug, aluminum NST (NH)	50'	D825Y50RAF
	Z/2	Z/2	rocker lug, aluminum NST (NH)	100'	1 D825Y100RAF 1 D825Y100RAF 1 D825Y100RAF 1 D825Y100RAF 1 D825Y100RAF 1 D825Y100RAF 1 D825Y100RAF
	3"	21/2"	rocker lug, aluminum NST (NH)	50'	D8325Y50RAF

MSHA Approved Single Jacket Mine Fire Hose

Coupled with female and male aluminum rocker lug expansion ring couplings

Specification:

 approved by MSHA: Mine Safety and Health Administration for all mine fire protection applications

Features:

- outer construction: single jacket, synthetic flame resistant
- tube construction: flame resistant lining
- proof pressure: 500 PSI at 70°F (21°C)
- service test pressure: 250 PSI at 70°F (21°C)
- working pressure: 225 PSI at 70°F (21°C)

Size	Thread	Length	Part #
1½"	NST (NH)	50'	SM515W50RAF
	NPSH	50'	SM515W50RAS



Double Jacket Potable Water Hose - Blue

Features:

- Liner is NSF approved for potable water, fittings are not, except for temporary / emergency drinking needs only.
- · outer construction: double jacket, all polyester
- tube construction: thermoplastic
- proof pressure: 600 PSI at 70°F (21°C)
- service test pressure: 300 PSI at 70°F (21°C)
- working pressure: 270 PSI at 70°F (21°C)

Coupled with female and male, brass or aluminum rocker lug, expansion ring couplings

Size	Thread	Length	<i>Brass</i> Expansion Ring Part #	<i>Aluminum</i> Expansion Ring Part #
	NPSH	50'	PW615B50RBS	PW615B50RAS
11/3"	NPSH	100'	PW615B100RBS	PW615B100RAS
1 /2	NST (NH)	50'	PW615B50RBF	PW615B50RAF
	NST (NH)	100'	PW615B100RBF	PW615B100RAF
	NPSH	50'	PW625B50RBS	PW625B50RAS
21/2"	NPSH	100'	PW625B100RBS	PW625B100RAS
∠'/2	NST (NH)	50'	PW625B50RBF	PW625B50RAF
	NST (NH)	100'	PW625B100RBF	PW625B100RAF



500# All Polyester Rack Hose - UL Labeled

Application:

• for pin rack service / emergency fire fighting only, not to be used for washdown

Features:

- · outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: 300 PSI at ambient temperature 70°F (21°C)
- service test pressure: 150 PSI at ambient temperature 70°F (21°C)
- working pressure: 135 PSI at ambient temperature 70°F (21°C)
- Underwriters Listed

Coupled with female and male expansion ring couplings

Size	Coupling Type	Length	<i>Folded</i> Part #	Coiled Part #
44/11	combo lug, brass NST (NH)	50'	R515U50CBF/F	R515U50CBF
	combo lug, brass NST (NH)	100'	R515U100CBF/F	R515U100CBF
1½"	combo lug, alum. NST (NH)	50'	R515U50RAF/F	R515U50RAF
	combo lug, alum. NST (NH)	100'	R515U100RAF/F	







500# All Polyester Rack Hose - non-UL Labeled



Application:

• for pin rack service / emergency fire fighting only, not to be used for washdown

Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: 500 PSI at ambient temperature 70°F (21°C)
- service test pressure: 250 PSI at ambient temperature 70°F (21°C)
- working pressure: 225 PSI at ambient temperature 70°F (21°C)

Coupled with female and male expansion ring couplings



Size	Coupling Type	Length	Folded Part #	Coiled Part #
	combo lug, brass NST (NH) combo lug, brass NST (NH)	50' 100'	R515-50CBF/F R515100CBF/F	R515-50CBF R515100CBF
1½"	combo lug, alum. NST (NH) combo lug, alum. NST (NH)	50'	R515-50RAF/F R515100RAF/F	R515-50RAF R515100RAF

500# Nitrile Covered Fire Hose - Light Duty Red

Application:

• ideal for industrial and construction washdown and discharge applications

Features:

- outer construction: thin ribbed nitrile
- tube construction: nitrile
- proof pressure: 500 PSI at ambient temperature 70°F (21°C)
- service test pressure: 250 PSI at ambient temperature 70°F (21°C)
- working pressure: 225 PSI at ambient temperature 70°F (21°C)
- other colors, threads and configurations are availabe, consult Dixon[®]

Uncoupled



Size	Bowl	Length	Part #
1½"	1-13/16"	50'	H515R50UC
2½"	2-13/16"	50'	H525R50UC
1½"	1-13/16"	100'	H515R100UC
2½"	2-13/16"	100'	H525R100UC

Coupled with female and male expansion ring couplings



Size	Length	Rocker Lug Aluminum	Rocker Lug Brass	Rocker Lug Aluminum
0.20	20119111	NST (NH) Part #	<i>NST (NH)</i> Part #	<i>NPSH</i> Part #
1½"	50'	H515R50RAF	H515R50RBF	H515R50RAS
2½	50'	H525R50RAF	H525R50RBF	H525R50RAS
1½"	100'	H515R100RAF		H515R100RAS
2½"	100'	H525R100RAF		

Forestry Non Weeping Fire Hose

Features:

- · outer construction: single jacket, all polyester
- tube construction: thermoplastic
- · impregnation: yellow
- proof pressure: 600 PSI at ambient temperature 70°F (21°C)
- service test pressure: 300 PSI at ambient temperature 70°F (21°C)
- working pressure: 270 PSI at ambient temperature 70°F (21°C)
- · consult Dixon® for pricing and availability of 25' lengths, other threads and configurations

Coupled with female and male expansion ring couplings

Size	Length	Rocker Lug Aluminum NST (NH)	Rocker Lug Aluminum NPSH
		Part #	Part #
1"	50'	NF610Y50RAF	NF610Y50RAS
1"	100'	NF610Y100RAF	NF610Y100RAS
1½"	50'	NF615Y50RAF	NF615Y50RAS
1½"	100'	NF615Y100RAF	NF615Y100RAS



Forestry Mop Up Hose

Application:

· used on mop-up and low volume hand lines to fill pump cans supplying sprinklers and remote fire line protection

Features:

- 50' coil diameter is 9"
- outer construction: single jacket, synthetic
- tube construction: thermoplastic
- · impregnation: yellow
- proof pressure: 300 PSI at ambient temperature 70°F (21°C)
- service test pressure: 150 PSI at ambient temperature 70°F (21°C)
- working pressure: 135 PSI at ambient temperature 70°F (21°C)
- consult Dixon™ for pricing and availability of other threads and configurations

Coupled with female and male brass ferrule type garden hose couplings

Size	Length	Part #
3/4"	50'	NF307Y50GHT
1½"	50'	NF615-50RAQT1
1½"	100'	NF615100RAQT1

¹ coupled with quarter turn forestry couplings

Forestry Mop Up Hose Kit

Description	Part #
kit contains: hose, pouch and nozzle	NF307Y50GHT-KIT







Nitrile Covered Fire Hose - Heavy Duty - Yellow

Applications:

• ideal for heavy-duty washdown in refineries and power plants

Features:

- extruded interlocking matrix fire hose with 100% synthetic circular woven polyester reinforcement
- heavy ribbed for severe service
- outer construction: thick ribbed nitrile
- tube construction: nitrile
- 25' lengths, other colors, threads and configurations are available, contact Dixon[®]
- Pressures supplied in the chart below are at ambient temperature 70°F (21°C).

Size	Proof Pressure	Service Test Pressure	Working Pressure
Size	PSI	PSI	PSI
1" - 3"	600	300	270
4"	450	225	200
5"	400	200	180
6"	300	150	135



Uncoupled

Size	Bowl	Length	Part #
1"	1-1/4"	50'	H610Y50UC
1½"	1-13/16"	50'	H615Y50UC
2"	2-1/4"	50'	H620Y50UC
2½"	2-13/16"	50'	H625Y50UC
3"	3-3/8"	50'	H630Y50UC
4"	4-3/8"	50'	H440Y50UC
5"	5-3/8"	50'	H450Y50UC

Coupled with female and male expansion ring couplings

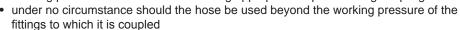


		Rocker Lug	Rocker Lug	Pin Lug	Rocker Lug
Size	Length	Aluminum	Brass	Brass	Aluminum
3126	Lengui	NST (NH)	NST (NH)	NST (NH)	NPSH
		RAF	RBF	PBF	RAS
1"	50'	H610Y50RAF			H610Y50RAS
1½"	50'	H615Y50RAF	H615Y50RBF	H615Y50PBF	H615Y50RAS
21/2"	50'	H625Y50RAF	H625Y50RBF	H625Y50PBF	H625Y50RAS

Coupled with female and male segmented Storz collar style couplings

Features.







 assembled hose should be hydrostatically proof tested before use, and thereafter in accordance with NFPA 1962



Size	Length	Storz Size	Part #
4"	50'	4"	H440Y50SZ
5"	50'	5"	H450Y50SZ
5"	100'	5"	H450Y100SZ

Non-collapsible Hose

Chemical Booster Hose - Red

Features:

- outer cover material: specially compounded red EPDM tough cover
- inner tube material: smooth black synthetic EPDM rubber
- reinforced with multiple plies of high tensile Aramid yarn providing flexible strength
- 3/4" diameter hose is coupled with 1" threaded couplings
- meets and exceeds NFPA standard 1961
- working pressure: 800 PSI

Coupled with female and male NST (NH) thread, chromed brass hole type couplings

Size	Length	Part #
3/4"	50' 100'	80B07-50HCF 80B07-100HCF
1"	50' 100'	80B10-50HCF 80B10-100HCF

Coupled with female and male NST (NH) thread, hole type coupling, aluminum expansion ring couplings

Size	Length	Part #
3/4"	50' 100'	80B07-50HAF 80B07-100HAF
1"	50' 100'	80B10-50HAF 80B10-100HAF



Fire and Utility Hose - Red

Features:

- outer construction is designed to withstand abrasion
- working pressure: 200 PSI at ambient temperature 70°F (21°C)
- burst pressure: 600 PSI at ambient temperature 70°F (21°C)
- consult Dixon® for pricing and availability of other lengths, threads and configurations
- also available with chrome brass fittings

Coupled with female and male NST (NH) thread, rocker lug, brass expansion ring couplings

Size	Length	Part #
1½"	50' 100'	15B15-50RBF 15B15-100RBF



Coupled with female and male NST (NH) thread, rocker lug, aluminum expansion ring couplings

Size	Length	Part #
1½"	50' 100'	15B15-50RAF 15B15-100RAF



Coupled with female and male NPSH thread, rocker lug, aluminum expansion ring couplings

Size	Length	Part #
1½"	50' 100'	15B15-50RAS 15B15-100RAS



Expansion Ring Couplings

Features:

- shipped complete with expansion rings, swivel and tail washers
- aluminum expansion ring couplings have 3 rocker lugs on the male and female

For Single Jacket Hose - Aluminum

For Single Jacket Hose - Aluminum			
Size	Thread	Bowl	Aluminum Part #
1"	NPSH	1¼"	S10125
1½"	NPSH	1¾"	S16175
1½"	NPSH	1-11/16"	S16168
1½"	NPSH	1-13/16"	S16181
2"	NPSH	2¼"	S20225
2½"	NPSH	2-13/16"	S26281
1½"	NST (NH)	1-11/16"	S16168F
1½"	NST (NH)	1¾"	S16175F
1½"	NST (NH)	1-13/16"	S16181F
2½"	NST (NH)	2-11/16"	S26268F
2½"	NST (NH)	2-13/16"	S26281F
1½"	MNPT	1-11/16"	MS16168T1
1½"	MNPT	1¾"	MS16175T ¹
2"	MNPT	2-1/4"	MS20225T1
2½"	MNPT	2-11/16"	MS26268T ¹
1 male fitting only			



¹ male fitting only

For Single Jacket Hose - Brass



Size	Thread	Bowl	<i>Brass</i> Part #
1½"	NPSH	1-3/4"	RS15175
1½"	NPSH	1-13/16"	RS15181
2½"	NPSH	2-13/16"	RS25281
1½"	NST (NH)	1-3/4"	RS15175F
1½"	NST (NH)	1-13/16"	RS15181F
2½"	NST (NH)	2-13/16"	RS25281F

Expansion Ring Couplings

For Double Jacket Hose - Aluminum



Size	Thread	Bowl	Aluminum Part #
1½"	NPSH	1-13/16"	D16181
1½"	NPSH	1-15/16"	D16193
1½"	NPSH	2-1/16"	D16206
2"	NPSH	2-5/16"	D20231
21/2"	NPSH	3"	D263
1½"	NST (NH)	1-13/16"	D16181F
1½"	NST (NH)	1-15/16"	D16193F
1½"	NST (NH)	2-1/16"	D16206F
21/2"	NST (NH)	2-7/8"	D26287F
2½"	NST (NH)	3"	D263F
1½"	MNPT	1-13/16"	MD16181T ¹
2"	MNPT	2-5/16"	MD20231T ⁻¹
21/2"	MNPT	2-7/8"	MD26287T ¹

¹ male fitting only

For Double Jacket Hose - Brass



Size	Thread	Bowl	<i>Brass</i> Part #
1½"	NPSH	1-15/16"	RD15193
1½"	NST (NH)	1-15/16"	RD15193F

Fire Fittings Accessories

Expansion Rings

• used with the fire hose couplings listed on page 740

OD	Length	Wall Thickness	85/15 red brass Part #
1"	1¼"	.05	ER10125
1½"	3/4"	.05	ER1575
1½"	⁷ /8"	.05	ER1587
1½"	1"	.05	ER1510
1½"	1¼"	.05	ER15125
13/4"	1¼"	.05	ER17125
21/2"	1¼"	.062	ER27125
21/2"	1½"	.062	ER27150
3"	2"	.07	ER3020



Swivel Washers

• used on the swivel end of the fire hose couplings listed on page 740

ID	OD	Thickness	Buna-N Part #
1-1/16"	1-7/16"	1/8"	SW100F
1-9/16"	2-1/16"	1/8"	SW150
2-1/16"	2½"	1/8"	SW200
2-9/16"	3-3/16"	3/16"	SW250
3-1/16"	3-3/4"	1/4	SW300F
4-1/16"	5-1/8"	1/4"	SW400F
4-9/16"	5-7/8"	1/4"	SW450F
5-1/16"	6-3/8"	1/4"	SW500F
6-1/16"	7-1/8"	1/4"	SW600F



Tail Washers

• used on the tail end of the fire hose couplings listed on page 740

ID	OD	Thickness	<i>Buna-N</i> Part #
1-1/32"	1-5/16"	3/16"	STW100
1-9/16"	1¾"	3/16"	RTW150
1-9/16"	1-15/16"	3/16"	STW150
1-5/8"	21/8"	3/16"	DTW150
2-9/16"	3"	1/4"	STW250
2-5/8"	31/4"	1/4"	DTW250
31/8"	3-25/32"	1/4"	DTW300



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Expansion Ring and Gasket Guide

Coupling Part #	Swivel Washer Part #	Tail Washer Part #	Expansion Ring Part #
D15193 & D15193F	SW150	DTW150	ER15125
D15206F	SW150	G12014	ER15125
D16187 & D16187F	SW150	DTW150	ER15125
D16193 & D16193F	SW150	DTW150	ER15125
D16206 & D16206F	SW150	G12014	ER15125
D253 & D253F	SW250	DTW250	ER27150
D26287F	SW250	DTW250	ER27150
D263 & D263F	SW250	DTW250	ER27150
MD16181T	n/a	STW150	ER15125
MD20231T	n/a	special	special
MD26287T	n/a	DTW250	ER27150
MS16168T	n/a	STW150	ER15125
MS16175T	n/a	STW150	ER15125
MS20225T	n/a	special	special
MS26268T	n/a	STW250	ER27150
RD15193 & RD15193F	SW150	DTW150	ER15125
RD15206 & RD15206F	SW150	G12014	ER15125
RD253 & RD253F	SW250	DTW250	ER27150
RH15168 & RH15168F	SW150	RTW150	ER1575
RH16168F & RH16168F	SW150	RTW150	ER1575
RS15175 & RS15175F	SW150	STW150	ER15125
RS15181 & RS15181F	SW150	STW150	ER1510
RS25281 & RS25281F	SW250	STW250	ER27125
RS25287	SW250	STW250	ER27150
S15175 & S15175F	SW150	RTW150	ER15125
S15181 & S15181F	SW150	RTW150	ER1510
S16168 & S16168F	SW150	STW150	ER15125
S16175 & S16175F	SW150	STW150	ER15125
S16181 & S16181F	SW150	STW150	ER15125
S25281 & S25281F	SW250	STW250	ER27125
S25287 & S25287F	SW250	STW250	ER27150
S26268 & S26268F	SW250	STW250	ER27150
S26275 & S26275F	SW250	STW250	ER27150
S26281 & S26281F	SW250	STW250	ER27150



Fire Fittings & Accessories

Hose Type Booster Hose Couplings

Features:

- · special tooling is required to attach these couplings to hose
- · hardcoat finish
- · complete set
- working pressure: 800 PSI at ambient temperature 70°F (21°C)
- 3/4 and 1" NST threads are the same size; also known as Chemical Hose Thread (CHT) or **Booster Hose Thread**

Hose Size	Thread Type	Bowl Size	Aluminum Hardcoat Part #
3/4"	1" NPSH	1-1/4"	ABH08125
1"	1" NST (NH)	1-7/16"	ABH10143F
1"	1" NST (NH)	1-1/2"	ABH10150F



Forged Forestry Couplings

Features:

- maximum operating pressure: 300 PSI at ambient temperature 70°F (21°C)
- common quarter turn sexless head (a 1½" QT fitting will mate with a ¾" QT or 1" QT)

	1/4 Turn Male
Thread	Forged Aluminum
Tilleau	Part #
¾" GHT	QTM75GHT-F
1" NPSH	QTM100S-F
1" NPT	QTM100T-F
1½" NST (NH)	QTM150F-F
1½" NPT	QTM150T-F
	1/4 Turn Female



	74 10	
Thread	Forged Aluminum	
Tillead	Part #	
¾" GHT	QTF75GHT-F	
1" NPSH	QTF100S-F	
1" NPT	QTF100T-F	
1½" NST (NH)	QTF150F-F	
1½" NPT	QTF150T-F	



,	Forestry Coupling Gasket
	Part #
	QTG-F



Quick Connect Forestry Expansion Ring Couplings

• sold in sets of (2) with expansion ring

Hose Size	Bowl Size	Forged Aluminum Part #
1½"	1-11/16"	QTX150-F



Fire Fittings & Accessories

Style V Swing Type Hose Storage Reels

Features:

- drum storage of collapsible hose prevents damaging kinks allowing longer hose life
- pivot mounting permits reel to swing to the proper angle preventing twists and kinks
- open sides allow faster hose drying, to prevent mold and mildew
- · red polyester powder coat finish
- wall mounting is standard, 2 wall mounting brackets included
- style V5 (when used with 1½" hose only), has a space between the reel sides to
 accommodate two widths of hose side by side, for maximum capacity in minimum space
- replacement brackets 1212-0930-4, 2 per set

Size	Ho: Rack	se Capa Single	city Double	Α	В	С	D	Е	F	G	Н	Steel Part #
1½" - 1¾"	100'	75'	50'	8"	3"	7½"	21"	23"	27"	2"	11%"	FHR-V1
1½" - 1¾"	150'	100'	75'	8"	3"	7½"	26"	29"	33"	2"	15"	FHR-V2
1½"	300'	200'	150'	8"	5½"	9½"	26"	30"	34"	2"	13"	FHR-V5
2" - 21/2"	150'	100'	75'	8"	5½"	9½"	26"	30"	34"	2"	13"	FHR-V5

Covers for Style V Swing Type Hose Storage Reels

Features:

- Velcro[™] closures
- · printed on both sides



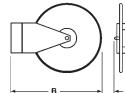
Cover for	Dimensions	Vinyl Coated Nylon Part #				
FHR-V2	26"	FHR-C				
FHR-V1	21"	FHR-C1				
FHR-V5	26"	HSRC26				

Swing Type Hose Storage Reels

Features:

- one piece wall bracket (14 gauge), for easier mounting
- 180° swing will also take pipe clamps to 3"
- compact size smaller reel hub to allow more hose storage
- · baked red enamel finish
- 14 gauge steel support arms
- welded construction rim (18 gauge) hub cap, welded spokes form solid wheels, separated by a molded poly hub and bolted together to form a sturdy unit
- hose is double rolled from the center of length coupled to valve and nozzle
- hose is ready for action when completely removed and valve is open

Hose Size	Hose C	apacity	Steel
HUSE SIZE	Lightweight Rubber Lined		Part #
11/3"	150'	50' - 75'	HSR18
1 /2	250'	100'	HSR24
2½"	100'	100'	HSR25-24





Dimensions

Cover for	А	В	С
HSR18 HSR24	18" 24"	23½" 29"	6¼" 6¼"
HSR25-24	24"	29"	81/4"

Covers for Swing Type Hose Reels

Features:

- to be used with hose storage reels, bright red fabric reinforced PVC with Velcro[™] closures for quick release
- "Fire Hose / Keep Clear" printed on one side

Cover for	Dimensions	<i>Vinyl</i> Part #
HSR18	16" - 18"	HSRC18
HSR24	24"	HSRC24
HSR25-24	24" - 25"	HSRC25-24



Heavy Duty, High Capacity Swing Type Hose Storage Reel

Features:

- welded steel wall bracket swings 180°
- wall bracket adapts to pipes (11/2" 3") with an optional pipe bracket kit
- · red baked enamel finish
- · supplied with hook-and-loop back strap to keep hose securely wound

Size	Hose Capacity Single Jacket Double Jacket		16-gauge steel
Size			Part #
1½"	200'	150'	DXHDR25HC
21/2"	100'	75'	DANDRZONC



Cover for Heavy Duty Swing Type Hose Storage Reel

Features:

- · to be used with hose storage reels
- "Fire Hose / Keep Clear" printed on one side

Cover for	Dimensions	<i>Vinyl</i> Part #
DXHDR25HC	I: 26", h: 25", w: 8"	DXHDRC25HC

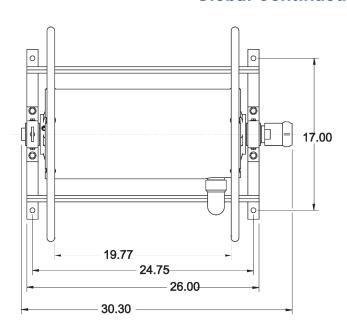


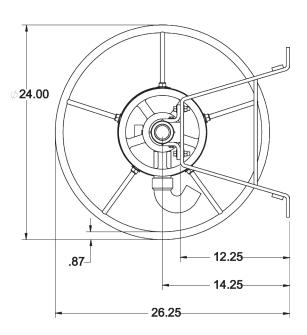
Pipe Brackets for Heavy Duty Swing Type Hose Storage Reel

Description	<i>Vinyl</i> Part #		
pipe bracket set	DXHDR25PB		



Global Continuous Flow Reels







Features:

- greaseless swivel and reel bearings improve performance
- optional adapters (order separately):
 FM15S15F = 1½" FNPSH x 1½" MNST brass
 FM1515F = 1½" FNPT x 1½" MNST brass
- · replacement inlet swivel joints at bottom of page

Hose	Hose Size and Capacity			Outlet	Steel
3/4"	1"	1½"	Size	Size	Part #
250'	150'	100'	1½" NPT	1½" NPT	FD47IR-150-100



Cover for Global Continuous Flow Hose Reel

Cover for	Dimensions	<i>Vinyl</i> Part #
FD47IR-150-100	22" x 24" x 24"	FD47-C2



Replacement Inlet Swivel Joint for FD47I-150-100

Features:

- ball-bearing swivel
- requires no lubrication
- 200 PSI

Size	Part #
1½"	CSSF150T

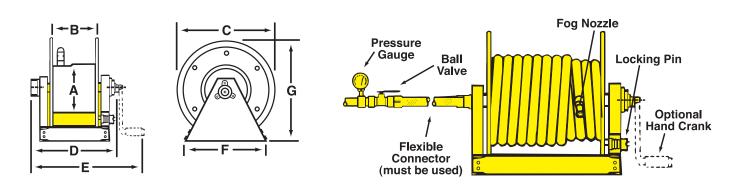
Continuous Flow Reels

Features:

- · allows immediate and continuous flow of water at all times during deployment of hose
- · one-person operation
- use with non-collapsible hose shown on page 749
- powder coated with an electrostatically-applied, thermally-fused, red polyester finish steel drum
- · rims and universal mounting stand
- female NPT inlet with male NST (NH) hose thread outlet

A flexible connector assembly must be installed directly between the hose reel inlet hub and the water supply. Failure to use the flexible connector assembly will void the warranty.





Hose Si	ize and C	apacity		В	_	D	F	F	G	Inlet	Outlet	Steel
3/4"	1"	1½"	A	Ь					G	Size	Size	Part #
150'	125'		10½"	11½"	24"	19¼"	24"	21¾"	26"	1"	1"	CFR47-1-100
250'	150'	100'	10½"	20½"	24"	28¼"	33"	21¾"	26"	1½"	1½"	CFR47-150-100
400'	300'	150'	10½"	28"	24"	35¾"	40½"	21¾"	26"	1½"	1½"	CFR47-1-200
		200'	10½"	34"	24"	41¾"	46½"	21¾"	26"	1½"	1½"	CFR47-150-200

Optional Accessories

Description	Part #
1" x 18" flexible connector (male NPT x male NPT)	DX2836
1½" x 18" flexible connector (male NPT x male NPT)	DX2839
hand crank	CFR-HC
repair kit: contains O-ring, PTFE retaining ring for the inlet casting, spacer washer, and 2 steel retaining rings for the manifold	CFR-RK

Covers for Continuous Flow Hose Reels

Cover for	Dimensions H x W x D	<i>Vinyl</i> Part #
CFR47-1-100	26" x 20" x 26"	CFR47-C1
CFR47-1-200	26" x 36" x 26"	CFR47-C2
CFR47-150-100	26" x 29" x 26"	CFR47-C3
CFR47-150-200	26" x 42" x 26"	CFR47-C4



Hump Racks

Features:



- compact, neat and economical method of storing collapsible hose
- pivot mounting permits rack to swing, preventing kinks and twists
- · rugged steel construction provides long, dependable service
- red enamel finish for protection
- · open sides allow faster drying to prevent mold and mildew
- · wall mounting brackets are standard

	Hose Capacity			Steel
Hose Size	Synthetic	Single Jacket	Double Jacket	Part #
1½" - 1¾"	100'	50'		FHHR-1
1½" - 1¾"	150'	100'	50'	FHHR-3
2" - 21/2"	100'	50'		FHHR-2
2" - 21/2"	150'	100'	50'	FHHR-4
1½" - 1¾"	200'	150'	100'	FHHR-5

Covers for Hump Racks



Cover for	Dimensions	<i>Vinyl</i> Part #
FHHR-1 or FHHR-2	16" x 25½" x 6"	FHHR-C
FHHR-3 or FHHR-4	24" x 29½" x 6"	FHHR-C4
FHHR-5	33½" x 35½" x 6"	FHHR-C5

Hose Racks

Features:

- · can be used for fire or water hose
- constructed from 12 gauge sheet steel
- provides compact and economical hose storage
- curved saddle design avoids sharp bends in the hose prolonging hose life
- · red enamel finish



	Hose Capacity		Steel	
Hose Size	Rack	Single Jacket	Double Jacket	Part #
1½" - 1¾"	50'			HR1610-3
1½" - 1¾"	100'			HR1610-6
1½" - 2½"	200'	150'	100'	HR1610
2" - 21/2"	50'			HR1610-4

Fire Fittings & Accessories

Pin Rack Hose Assembly





Accessories



- components include: rack nipple, UL 300 PSI angle valve, semi-automatic fire hose pin rack, brass rack nozzle, and a length of 1½" pin rack hose
- UL listed and Factory Mutual approved
- per NFPA 1962, Chap. 4, in-service hose shall be un-racked and physically inspected at least annually

NST (NH) Thread	Hose	Part #
1½"	50' 75' 100'	FHPR150-50CBF FHPR150-75CBF FHPR150-100CBF

Semi Automatic Fire Hose Pin Racks

Features:

- · red enameled steel
- holds up to 100' of either 11/2" or 21/2" rack hose
- 1½" is UL listed and Factory Mutual approved

Hose Size	For us	e with:	Steel
Hose Size	Valve	Nipple	Part #
1½"	AVF150	PRN150F	FHPR150
21/2"	AVF250	PRN250F	FHPR2515



Covers for Pin Racks

Features:

- 10 oz. red vinyl with Velcro™ closures
- used on FHPR150, FHPR150-50CBF, FHPR150-75CBF, FHPR150-100CBF

Size	Vinyl Part #	
25" x 30" x 6"	PRC	



Pin Rack Nipples

Feature:

• finish: -C polished chrome plated

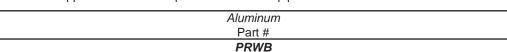
Ī	Male NPT	Male NST (NH)	Brass
_	Male III I	Iviale NST (NTT)	Part #
	1½"	1½"	PRN150F
	21/3"	21/3"	PRN250F



Pin Rack Wall Bracket

Application:

• used to support hose rack independent of a stand pipe valve









Fire Fittings & Accessories



Steel Hose Cabinet

Features:

- red polyester coated finish on 18-gauge steel
- · designed for wall installation, with or without legs, or free standing
- supplied with holes in the back for wall mounting and 1" pipe couplings on the bottom for adding legs
- Factory Mutual approved
- hose, accessories and mounting hardware not included
- furnished without legs, if legs required contact Dixon®

Steel Part #

HC30143

Dimensions

width	depth	height
60"	15"	48"

Basic Approved Equipment for Hose Cabinet

	Examples		Qı	uantity Require	d
Part #	Description	Page #	Factory Mutual	UL & FIA	ISO
A525-50RAF 1	2½" x 50' single jacket hose	733	4	5	5
A515-50RAF 1	11/2" x 50' single jacket hose	733	2	0	0
UPP250F1	Underwriters play pipe	750	0	2	2
BFN250NST1	21/2" adjustable fog nozzle	752	2	0	0
BFN150NST1	1½" adjustable fog nozzle	752	1	0	0
HA2515F1	2½" x 1½" pin lug adapter	771	1	0	0
233	universal spanner	799	4	5	5
189	adjustable hydrant wrench	800	2	2	2
PHFA6	6 lb. fire axe	820	0	1	1
FCB48	crowbar		0	1	1
SW150 ¹	1½" hose coupling gasket	741, 742, 754, 785	4	5	5
SW250 1	21/2" hose coupling gasket	741, 742, 754, 785, 792	2	0	0

¹ threads must be appropriate to the authority having jurisdiction



Fire Jacket for Hose

Application:

 used to protect hose and hose assemblies, tubing, piping, wiring and cables from high temperatures, direct flame or molten splash

Features:

- helps maintain line temperature and reduce environmental overheating and overcooling
- meets flammability requirements of UL 94 HB & UL 94 V-0
- · sleeving slides easily over hose and expands to go over fittings
- · resistant to hydraulic fluids and lubricating oil
- · iron oxide red color
- · compounded silicone rubber coating over fiberglass
- · completely non-asbestos, REACH ROHS compliant
- supplied in 50' lengths
- temperature range: -65°F to 500°F (-54°C to 260°C)
- Made in USA

Nominal ID	Part #
1/4"	0610-4
3/8"	1010-6
1/2"	1310-8
5/8"	1610-10
3/4"	1910-12
7/8"	2210-14
1"	2510-16
11/4"	3210-20
1½"	3810-24
1¾"	4510-28
2"	5110-32
2½"	6410-40
3"	7610-48
4"	10210-64



Fire Jacket Tape

Application:

· used to seal the ends of fire jackets to prevent fraying and fluid wicking

Features:

- completely non-asbestos
- iron oxide red color
- temperature range: -45°F to 380°F (-45°C to 200°C)
- Made in USA

Size	Length	Silicone Rubber Part #
1"	12 yards	FTH100



Non Adhesive Fire Tape

Features:

- · fiberglass coated silicone rubber
- · fluid resistant to hydraulic fluids and lubricating oils
- should be installed in a spiral wrap utilizing 30% to 50% overlap
- iron oxide red color
- temperature range: -65°F to 500°F (-54°C to 260°C)
- Made in USA

Width	Length	Fiberglass Coated Silicone Rubber Part #
3"	50'	4055-3





Fire Fittings & Accessories



Industrial Fog Nozzles

Features:

- maximum operating pressure: 175 PSI (water only) at 70°F (21°C)
- delivers 30° 60° 90° fog pattern shut-off straight stream fog
- UL listed and Factory Mutual approved for class A and B fires (except noted 1, 2)
- supplied with bumper

Size	Thread	90° Spray GPM @ 100 PSI	<i>Brass</i> Part #
3/4"	GHT		BFN75GHT1
3/4"	NPSH		BFN75
1"	NPSH	32	BFN100
1½"	NPSH	85	BFN150
2"	NPSH	108	BFN200 1, 2
1"	NST (NH)	32	BFN100NST
1½"	NST (NH)	85	BFN150NST
21/2"	NST (NH)	205	BFN250NST ²

¹ not UL Listed

- ² not Factory Mutual approved
- replacement washers can be found on page 741



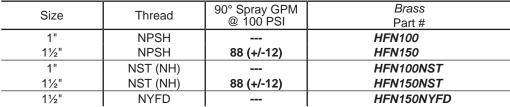








- maximum operating pressure: 175 PSI (water only) at 70°F (21°C)
- delivers 30° 60° 90° fog pattern shut-off straight stream fog
- UL listed and Factory Mutual approved
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- supplied with bumper



replacement washers can be found on page 741, flow rate chart on following page 753



High Pressure Industrial Fog Nozzles

Features:

- working pressure: 25 to 300 PSI (water only) at 70°F (21°C)
- combination straight stream and fog shut-off straight stream fog
- Factory Mutual approved
- large one-piece rubber bumper with molded teeth
- knurled base

Size	Thread	90° Spray GPM @ 100 PSI	<i>Brass</i> Part #
1½"	NPSH	117	HPFN150
	NST (NH)	117	HPFN150NST

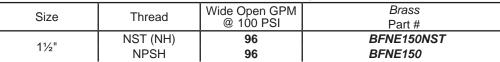
replacement washers can be found on page 741, flow rate chart on following page 753





Features:

- maximum operating pressure: 100 PSI (water only) at 70°F (21°C) delivers 30° - 60° - 90° fog pattern - shutoff to 30° fog, adjustable to 90° fog
- UL listed and Factory Mutual approved for class C fires
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- supplied with bumper
- Use of this nozzle is not likely to prove hazardous when nozzle is held in excess of 10 feet from electrical apparatus and circuits not involving more than 250,000 volts.



replacement washers can be found on page 741, flow rate chart on following page 753









Fog Nozzles

Features:

- · shutoff straight stream fog
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- brass stem

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate¹ Part #	<i>Polycarbonate</i> ² Part #
3/4"	GHT	8.0	FNB75GHT 3, 4	
3/4"	NPS	30.9	FNB75S ⁴	
1"	NPS	11.4	FNB100S ⁴	FN100S
1"	NPS	30.9	HGB100S	
1½"	NPS	83.6	FNB150S	FN150S
1"	NST (NH)	11.4	FNB100NST	FN100NST
1"	NST (NH)	30.9	HGB100NST	
1½"	NST (NH)	83.6	FNB150NST	FN150NST



with bumper

Accessories



without bumper

- with bumper
- without bumper
- standard flow
- 120° spray GPM @100 PSI
- replacement washers can be found on page 741

Fog Nozzle Flow Rate Chart

Part	Inlet P	ressure	Straight	Stream	30	0°	6	0°	9	0°
Number	PSI	kPa	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM
	50	(345)	18	(68)	21	(79)	24	(91)	27	(102)
BFN100	75	(517)	22	(83)	25	(95)	28	(106)	32	(121)
	100	(690)	24	(91)	28	(106)	32	(121)	36	(136)
	50	(345)	90	(341)	120	(454)	130	(492)	145	(549)
BFN250	75	(517)	100	(379)	140	(530)	150	(568)	180	(681)
	100	(690)	110	(416)	165	(625)	180	(681)	205	(776)
HFN100	100	(690)	25	(95)						
HFN150	100	(690)							86	(326)
HPFN150	275	(1040)							130	(492)

Domestic Rack Nozzles

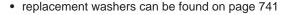




Features:

- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- UL listed and Factory Mutual approved for class A and B fires
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- delivers 30° 60° 90° fog pattern shut-off straight stream fog
- supplied without bumper

Size	Thread	Wide Open GPM @ 100 PSI	<i>Bra</i> ss Part #
1½"	NST (NH)	100	BRN150NST
	NPSH	100	BRN150



Global Rack Nozzles

Features:

- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- UL listed and Factory Mutual approved for class A and B fires
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- delivers 30° 60° 90° fog pattern shut-off straight stream fog
- supplied without bumper

Size	Thread	Wide Open GPM @ 100 PSI	<i>Brass</i> Part #	
1½"	NST (NH)	100	BRN150NST-I	
	NPSH	100	BRN150S-I	

· replacement washers can be found on page 741









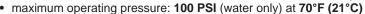


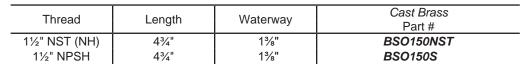


Ball Shut-Offs

Features:









Replacement Part

Description	Composite Part #	
replacement handle	BSO150-H	



Nozzle Tips

Features:

- · straight stream only
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- 74 GPM @ 100 PSI



_	Thread	Length	Orifice	<i>Satin Brass</i> Part #
_	1" NST (NH)	4¾"	1/2"	BNT100F
	1" NPSH	4¾"	1/2"	BNT100S
_	11/2" NST (NH)	43/8"	1/2"	BNT150F
	11/2" NPSH	43/8"	1/2"	BNT150S

Plain Hose Nozzles

Features:

- · finish: satin
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)



		Overall)vorall			Brass
Size	Thread	Length	Orifice	Replacement Gasket	Previous Part #	Part #
3/4"	GHT	6"	1/4"	KRW5	500SN6	BN6
3/4"	NPSH	6"	1/4"	KRW5		BN7
1"	NPSH	8"	5/16"	KRW10		BN10
11/4"	NPSH	10"	3/8"	KRW15		BN12
1½"	NPSH	10"	1/2"	KRW20		BN15
2"	NPSH	12"	9/16"	SW200		BN20
21/2"	NPSH	12"	1"	KRW35		BN25
1"	NST (NH)	8"	5/16"	SW100F		BN10F
1½"	NST (NH)	10"	1/2"	SW150		BN15F
21/2"	NST (NH)	12"	1"	SW250		BN25F
1½"	NYFD	10"	1/2"	SW150		BN15NYFD
21/2"	NYFD	12"	1"	SW250		BN25NYFD

Twist Nozzles

Feature:

• maximum operating pressure 150 PSI (water only)



Thread Size	Longth	Extruded Brass			
Tilleau Size	Length	Previous Part #	Part #		
	4"		BTN75		
3/4" GHT	4"		500AN4 ¹		
	6¾"	500-AN7	500AN7 ¹		

¹ imported

Red Plain Hose Nozzles

Feature:

• maximum operating pressure: 100 PSI (water only) at 70°F (21°C)

Size	Thread	Length	Orifice	Polycarbonate Part #
1½"	NPSH	10"	½"	PN15
	NST (NH)	10"	½"	PN15F



UL Play Pipes with Tip







Application:

· often required in hydrant houses by Insurance Underwriters

Features:

- swivel handle, red marlin trim
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- UL listed and Factory Mutual approved
- ULT male thread specification: 2-3/16" ODM x 12 TPI
- comes standard with 11/4" orifice tip

Size	Female Thread	Male Thread	Overall Length	<i>Brass</i> Part #
2½"	NST (NH)	ULT	30"	UPP250F
	playpip	UPP250F-SPEC		



Tips

Features:

- · finish: satin
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- ULT male thread specification: 2-3/16" ODM x 12 TPI

Orifice	Cast Brass Part #
11/8"	UPPT
11/4"	UPPT125
1½"	UPPT150
1¾"	UPPT175



Street Cleaning Nozzles

Feature:

welded fabrication

Size	Connection	Aluminum Part #	
2"	female cam	200DBAL	
3"	female cam	300DBAL	





U.S. Coast Guard Approved AFFF / Water Fog Nozzles

Application:

· designed for maximum efficiency with AFFF (Aqueous Film Forming Foams) or water on shipboard, offshore rigs and industrial applications

Features:

- corrosion resistant brass construction
- rubber-like bumper and handle for added protection
- Zytel (nylon) horseshoe handle
- double row of molded teeth for excellent fog pattern
- flush without shutting down
- constant gallonage in all fog and straight stream patterns
- combination fog and straight stream
- maximum operating pressure: 100 PSI (water/AFFF only) at 70°F (21°C)



CGSN150F

Thread NST (NH)	Description	Fog Flow GPM @100 PSI	Approval #	<i>Brass</i> Part #
1½"	nozzle	95	162.027/13/0	CGSN150F
1 /2	nozzle w/pistol grip	95	162.027/14/0	CGSN151F

• Gaskets are special order, please call 877.712.6179 for assistance.

Thread NPSH	Description	Fog Flow GPM @100 PSI	<i>Brass</i> Part #
1½"	nozzle	95	CGSN150S
I /2	nozzle w/pistol grip	95	CGSN151S

U.S. Coast Guard Approved Fog Nozzles

Application:

 designed to US Coast Guard specifications for fighting fires with drafted water, required equipment for all commercial vessels under US registry



- maximum operating pressure: 100 PSI (water/AFFF only) at 70°F (21°C)
- corrosion resistant brass construction
- combination fog and straight stream for shipboard fire fighting
- applicator tips are available, consult Dixon® for pricing and availability



Thread	Fog Flow GPM @100 PSI	Cast Brass Part #
1½" NST	55	CGN150NST
2½" NST	108	CGN250NST

• Gaskets and tips are special order, please call 877.712.6179 for assistance.

Omega™ Monitor

⟨FM⟩

Features:

- · cast-in turning vanes for a more efficient flow
- 360° horizontal and 150° vertical travel
- friction loss: 10 PSI at 800 GPM (.7 bar at 3030 LPM)
- 4 bolt hole pattern on flange
- Factory Mutual approved

Size	Inlet	Outlet	Waterway	Flow	<i>Brass</i> Part #
17" x 11½"	3" flange	2½" MNST	3"	1250 GPM	AK3526-300FL

· For flange dimensions, diagrams and additional information please reference dixonvalve.com.



Monitor Nozzle

Features:

- fixed teeth
- · combination Straight, Stream and Fog no shutoff
- · fixed gallonage master stream nozzle
- factory set at 500 GPM (1900 lpm) field changeable to 300 or 700 GPM (1140 or 2660 LPM)
- maximum operating pressure: 100 PSI (water only)

Size	Thread	90° Spray GPM @ 100 PSI	<i>Brass</i> Part #
2½"	NST (NH)	500	AK4450NST

• Gaskets are special order, please call 877.712.6179 for assistance.



FirePro™ Monitor

Features:

- seamless 2½" monitor rated at 750 GPM
- · carbon steel construction, stainless steel discharge tip and ball bearings
- · 360° horizontal and 140° vertical travel
- · red epoxy finish standard
- 150# ASA raised face 4" flange
- Factory Mutual approved

Size	Inlet	Outlet	Waterway	Flow GPM	Carbon Steel Part #
22" x 13"	4" flange	21/2" MNST	21/2"	750	FP475S

- Gaskets are special order, please call 877.712.6179 for assistance.
- · For flange dimensions, diagrams and additional information please reference dixonvalve.com.

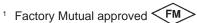


Master Stream Nozzles

Features:

- · factory set at 500 GPM
- featuring a straight stream to fog 'quick throw' pattern change
- · constant gallonage

Size	Thread	Material	Part #
2½"	NST (NH)	brass	FP500B ¹
	NST (NH)	aluminum	FP500A



• Gaskets are special order, please call 877.712.6179 for assistance.







Fire Fittings & Accessories

with bumper



without bumper

Factory Mutual Approved Fog Nozzles

Features:

- · brass stem with locking nut
- shutoff-straight-stream-fog
- · wings on sleeve for ease of adjustment
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- Factory Mutual approved

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate¹ Part #	Polycarbonate ² Global Part #
3/4"	GHT	30.9	SL075GHT ³	
3/4"	NPSH	30.9	SL075 ³	
1"	NPSH	30.9	SL100 ³	PFNB100S
1½"	NPSH	75.0	SL150	PFNB150S
1"	NST (NH)	30.9	SL100NST	
1½"	NST (NH)	75.0	SL150NST	PFNB150NST

- ¹ with bumper
- ² without bumper
- 3 120° spray on 3/4" and 1"

Polycarbonate Electrical Fire All-Fog Nozzles

Features:

- opens and closes in a 30° fog pattern up to 120°- no straight stream
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- brass stem

Size	Thread	75° Spray GPM @ 100 PSI	<i>Polycarbonate</i> Part #
1½"	NPS	92	FNBE150S
	NST (NH)	92	FNBE150NST

Fog Nozzles Gaskets



Size	Thread	ID	OD	Thickness	Buna-N Part #
1"	NPSH	0.937"	1.234"	0.125"	FNG100S
1"	NPSH	1.000"	1.375"	0.125"	HGG100S
1½"	NPSH	1.500"	1.827"	0.125"	FNG150S
1"	NST (NH)	0.937"	1.281"	0.125"	FNG100NST
1"	NST (NH)	1.000"	1.375"	0.125"	HGG100NST
1½"	NST (NH)	1.510"	1.906"	0.125"	FNG150NST

• dimensions are nominal



Constant Flow Fog Nozzles

Features:

- · red polycarbonate with bumper and black plastic and steel stem
- · provides consistent volume at any spray angle
- · adjusts from straight stream to fog
- 1" and 11/2" are ULC listed
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)

Size	Thread	90° Spray GPM	Polycarbonate
3126	Tilleau	@ 100 PSI	Part #
3/4"	GHT	8	CFB75GHT
1"	NPSH	22	CFB100S
1½"	NPSH	75	CFB150S ¹
1½"	NPSH	150	HGCFB150S ²
2"	NPSH	75	CFB2015S ¹
2"	NPSH	150	CFB200S ²
1"	NST (NH)	22	CFB100NST
1½"	NST (NH)	75	CFB150NST1
1½"	NST (NH)	150	HGCFB150NST ²
21/2"	NST (NH)	150	CFB250NST ³
2½"	NST (NH)	215	HGCFB250NST ^{2,4}



- ² high flow
- provided with handles
- · gaskets located below

• NYF – New York Fire Dept. Thread

• CF - Chicago Fire Dept. Thread

• NYC - New York Corporation Thread

· Also available CSA, BAT, NSS

1½" (2.100 ODM X 8 TPI)

1½" (1.933 ODM X 11.5 TPI)

1½" (2.093 ODM X 11 TPI)

2½" (3.030 ODM X 8 TPI) 2½" (2.990 ODM X 7.5 TPI)

2½" (3.000 ODM X 8 TPI)





21/2" nozzle with handles



21/2" nozzle without handles



Blue Refinery Fog Nozzles

Features:

- blue polycarbonate with bumper and black plastic and steel stem
- · glass-filled
- provides consistent volume at any spray angle
- · adjusts from Straight Stream to Fog
- resistant to petrochemicals
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate Part #
1½"	NPSH	75	RNB150S
	NST (NH)	75	RNB150NST



Gaskets

Application:

· used on constant flow and refinery fog nozzles

Size	Thread	ID	OD	Thickness	Buna-N Part #
1"	NPSH	0.900"	1.270"	0.125"	CFG100S
1½"	NPSH	1.510"	1.878"	0.125"	CFG150S
2"	NPSH	1.680"	2.340"	0.156"	CFG200S
1"	NST (NH)	0.900"	1.270"	0.125"	CFG100NST
1½"	NST (NH)	1.510"	1.906"	0.125"	CFG150NST
21/2"	NST (NH)	2.250"	3.000"	0.187"	CFG250NST

· dimensions are nominal

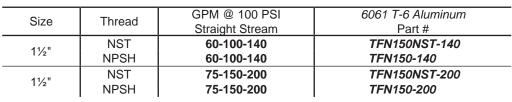


TriFlow Fog Nozzles

Features:



- combination 170° fog and straight stream
- Venturi flow improves straight stream and gallonage
- no nozzle teeth eliminates fingers and voids in the spray pattern thus producing a dense fog





Econo Fog Nozzles

Features:

- rugged, lightweight, corrosion resistant
- · supplied without bumper
- · for cabinet use, discourages theft
- for use up to 100 PSI (water only)



Size	Thread	Straight Stream @ 100 PSI	6061-T6 Aluminum Part #
1"	NPSH	56	AFN100
1"	NST	56	AFN100NST
1½"	NPSH	56	AFN150
1½"	NST	56	AFN150NST

Heavy Duty Constant Flow Fog Nozzles



Size	Thread	Length	GPM @ 100 PSI	Fiberglass Reinforced Composite Part #
1½"	NPSH	5"	95	CFFR150
	NST (NH)	5"	95	CFFR150NST

Garden Hose Nozzles



Features:

- offers two straight streams and one fog pattern 1
- massive bumper specially formulated to resist damage and aging
- · corrosion resistant hard coat



Size	Thread	GPM @ 40 PSI Straight Stream		6061-T6 Aluminum
		1st	2nd	Part #
U/4	GHT - without bumper GHT - with bumper	1-2 1-2	3-4 3-4	GHN75 GHN75-B

¹ fog pattern is 4-5 GPM @ 40 PSI

Break Apart Attack Nozzles

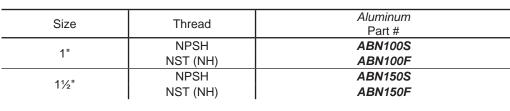
Application:

· low-cost, versatile, and easy-to-use nozzle for first responders in rural and suburban fire departments

Features:

- minimal training required to connect and operate the nozzle
- nozzle uses a 1½" coupler, provides 20-90 GPM fog or straight stream flows at 100 PSI
- · nozzle can be separated from the shut off valve for extended hose lays and other uses
- · meets or exceeds USDA Forestry Service standards

Size	Thread	Aluminum Part #
1"	NPSH	ABN100S
I	NST (NH)	ABN100F
1½"	NPSH	ABN150S
	NST (NH)	ABN150F



Ball Shut-Off Nozzles - Bolted Style

Features:

- rugged and lightweight
- pistol grip
- · hardcoated female swivel inlet and male outlet
- maximum operating pressure: 200 PSI (water only) at 70°F (21°C)

Size	Thread	Waterway	Cast Aluminum Part #
1½"	NST (NH)	1¾"	ACPSO150F
	NPSH	1¾"	ACPSO150



Pistol Grip Adapters

Features:

- · converts any standard fog nozzle to a well-balanced, easy to hold pistol grip fog nozzle making the job of holding high pressure lines easier
- full-time ball bearing swivel base
- · corrosion resistant
- hardcoated per MIL-A-8625-F TYPE 111, (Polylube 1)

Size	Thread	6061 T-6 Aluminum Part #
1"	NST	PGA100NST
11/3"	NST	PGA150NST
1 //2	NPSH	PGA150NPSH
2½"	NST	PGA250NST





Single Gallonage Shut-off Nozzles

Features:

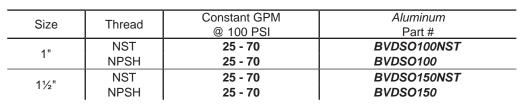
- PTFE hard-coated for greater corrosion resistance and durability
- lightweight and easily maneuvered
- full-time ball bearing swivel base
- metal ball with non-stick Delrin® seats
- 1-1/16" waterway

Size	Thread	Constant GPM @ 100 PSI	Aluminum Part #
1"	NST	95	BVSO100NST
	NPSH	95	BVSO100
1½"	NST	95	BVSO150NST
	NPSH	95	BVSO150
	NST	125	BVSO150NST-125
	NPSH	125	BVSO150-125

Dual Gallonage Shut-off Nozzles

Features:

- PTFE hard-coated for greater corrosion resistance and durability
- lightweight and easily maneuvered
- · full-time ball bearing swivel base
- metal ball with non-stick Delrin® seats
- 1-1/16" waterway



Adjustable Tri-Flo Selectable Gallonage Nozzles

Features:

- · corrosion resistant plated with Neoprene bumper
- · full-time ball bearing swivel base
- · dense fog delivery with no voids or fingers in pattern
- metal ball with non-stick Delrin[®] seats

Size	Thread	Constant GPM	Aluminum Part #
	NOT	@ 100 PSI	
	NST	60 - 100 - 140	BVTSO150NST
11/3"	NPSH	60 - 100 - 140	BVTSO150
.,2	NST	75 - 150 - 200	BVTSO150NST-200
	NPSH	75 - 150 - 200	BVTSO150-200
21/2"	NST	100 - 200 - 300	BVTSO250NST

Global Forestry Fog Nozzles



Size	Thread	GPM @ 100 PSI Straight Stream		Anodized Aluminum
		1st	2nd	Part #
1½"	NPSH	23.8	73.9	GFN150
1 /2	NST (NH)	37.6	95.0	GFN150NST



Accessories

Forestry Fog Nozzles

Features:

- · maroon hard-coated barrel allows for easy identification
- · corrosion resistant plated
- · dual flow rate nozzles offer two straight stream and two fog patterns
- · combination fog and straight stream
- maximum operating pressure: 600 PSI (water only) at 70°F (21°C)

Size	Thread	GPM @ 100 PSI Straight Stream		6061-T6 Aluminum Part #
		1st	2nd	1 411111
3/4"	GHT	1-2	3-4 ¹	FFN75GHT ¹
1"	NPSH	12	25	FFN100 ^{2,4}
1½"	NPSH	25	70	FFN150
1"	NST (NH)	12	25	FFN100NST
1½"	NST (NH)	25	70	FFN150NST 3, 4





FFN75GHT

FFN100

- 1 GPM @ 40 PSI
- ² FFN100 meets USFS 5100-239A and NSN 4210-01-165-6603
- ³ FFN150NST meets USFS 5100-107A and NSN 4210-01-167-1123
- both nozzles conform to Forestry Service specification 5100-239C and 5100-107a

Features:

- NFPA1964 compliant
- · hardcoated threads, acetal ball and rigid inlet
- maximum operating pressure: 600 PSI at ambient temperature 70°F (21°C)
- FSS specification 5100-238

Size	Thread	Waterway	Anodized Aluminum Part #
1"	NPSH	3/4"	FBSO100S
1½"	NPSH	1"	FBSO150S
1"	NST (NH)	3/4"	FBSO100F
1½"	NST (NH)	1"	FBSO150F



Forestry Grade Ball Shut-Off Pistol Grip

Forestry Grade Ball Shut-Off Nozzles

Features:

- NFPA1964 compliant
- · hardcoated threads, acetal ball and full time live swivel inlet
- maximum operating pressure: 600 PSI at ambient temperature 70°F (21°C)
- FSS specification 5100-238

Size	Thread	Waterway	Anodized Aluminum Part #
1"	NPSH	3/4"	FBSO100S-PG
1½"	NPSH	1"	FBSO150S-PG
1"	NST (NH)	3/4"	FBSO100F-PG
1½"	NST (NH)	1"	FBSO150F-PG

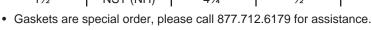


Ball Shut-Off Nozzles Tips

Features:

- · lightweight
- maximum operating pressure: 200 PSI (water only) at ambient temperature 70°F (21°C)
- 1/2" orifice standard, other sizes available, contact Dixon®

Size	Thread	Length	Orifice	Anodized Aluminum Part #
1"	NPSH	4"	1/2"	ANT100
1½"	NPSH	4¾"	1/2"	ANT150
1"	NST (NH)	4"	1/2"	ANT100F
1½"	NST (NH)	4¾"	1/2"	ANT150F







NST

Penetrator Nozzles

Features:

- designed with standard 1½" NPSH male hose threads that are converted to female thread for connection to the hose using a double female rigid connector
- ¼" discharge orifice generates a high velocity water jet that is effective against deep seated wildland fires
- maximum operating pressure: 200 PSI (water only) at ambient temperature 70°F (21°C)

Size	Thread	Length	Orifice	Polycarbonate Part #
1½"	NPSH	5½"	1/4"	PFN4005S
	NST (NH)	5½"	1/4"	PFN4005F



Twin Tip Straight Stream Forestry Nozzles

Features

- molded high strength red polycarbonate
- solid, one-piece reversible twin tip has 1/4" and 3/8" orifices
- maximum operating pressure: 100 PSI (water only) at ambient temperature 70°F (21°C)

Size	Thread	Length	Length	Orifice of	Polycarbonate
Size	Tilleau	with tip	without tip	base nozzle	Part #
41/1	NPSH	9"	7½"	1/2"	PTTF150S
1½"	NST (NH)	9"	7½"	1/2"	PTTF150F



Ball Shut-Off with Nozzle

Features:

- flexible design allows nozzle tip to be detached so a mating foam inductor can be inserted between the tip and shut-off valve
- lightweight
- · black pistol grip shutoff with nozzle
- maximum operating pressure: 150 PSI (water / AFFF only) at 70°F (21°C)

Size	Body Color	Thread	GPM	Polycarbonate Part #
11/2"	red	NPSH	30	FNPSO150S-30
1 /2	orange	NST (NH)	30	FNPSO150F-30
11/2"	red	NPSH	70	FNPSO150S-70
1 /2	orange	NST (NH)	70	FNPSO150F-70



Ball Shut-Off Pistol Grips

Features:

- lightweight
- maximum operating pressure: 150 PSI (water or AFFF only) at ambient temperature 70°F (21°C)

Size	Thread	Polycarbonate Part #
1½"	NPSH NST (NH)	PPSO150S PPSO150F



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 (21°C)

Thread Size	<i>Brass</i> Part #
3/4" GHT	AAPN75GHT



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 (25 per case), with display

Thread	45° Spray GPM @ 100 PSI	Color	Global Part #
3⁄4" GHT	25.1	green	FNB75GHT-GD
	25.1	clear	CNB75GHT-GD



Constant Flow Nozzles with Bumper

Feature:

• can be used as a replacement nozzle in the display case FNB75GHT-GD

Thread	45° Spray GPM @ 100 PSI	Color	<i>Plastic</i> Part #
3/4" GHT	8.0 25.1	green clear	GNB75GHT (domestic) CNB75GHT (global)





Double Female Hex Adapters

Feature:

• other configurations are available, consult Dixon® for information



Female Thread	Female NST (NH) Thread	Cast Brass Part #
1½" NPT	1½"	FFH1515F
2½" NPT	2½"	FFH2525F
11/2" NST (NH)	1½"	FFH15F15F
21/2" NST (NH)	2½"	FFH25F25F
	•	•
Famala Thread	Female NYFD	Cast Brass
Female Thread	remale NYFD	Part #
1½" NYFD	1½"	FFH15NYFD15NYFD
1½" NPT	1½"	FFH1515NYFD
2½" NPT	2½"	FFH2525NYFD
	ı	•
Familia Theory	Famoula Thursd	Cast Brass
Female Thread	Female Thread	Part #
1½" NPT	1½" NPSH	FFH15T15S

Female Rocker Lug - Suction Adapter with Poly Screen



Feature:

• suction intake with strainer screen

Female NST (NH) Thread	Female NPT Thread	Cast Brass Part #
2½"	1½" 2" 2½" 3"	RSFSA25F15T RSFSA25F20T RSFSA250F RSFSA25F30T

L

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

(Open Snoot) Female Swivel Adapters - Pin Lug

Features:

- double female rigid hexagon to swivel connection, rigid end thread is always NPT, hose thread is on swivel end
- finishes: -P polished, -C polished chrome plated
- other configurations are available, consult Dixon® for information

Female Swivel Thread	Female Rigid Thread	<i>Cast Brass</i> Part #
1½" NST (NH)	1½" NPT	SF150F
1½" NPSH	1½" NPT	SF150S
21/2" NST (NH)	1½" NPT	SF25F15T
21/2" NST (NH)	2" NPT	SF25F20T
2½" NYFD	2½" NPT	SF250NYFD
21/2" NST (NH)	2½" NPT	SF250F
21/2" NST (NH)	2½" NPT	SF250F-P
21/2" NST (NH)	2½" NPT	SF250F-C
21/2" NPSH	2½" NPT	SF250S
21/2" NST (NH)	3" NPT	SF25F30T
3" NST (NH)	3" NPT	SF300F
3" NYFD	3" NPT	SF300NYFD
4" NST (NH)	4" NPT	SF400F



Domestic Female Swivel Adapters - Pin Lug

Feature:

• other configurations are available, consult Dixon® for information

Female NST (NH) Swivel Thread	Female Rigid NPT Thread	Cast Brass Part #
1½"	1½"	SF150F-D
2½"	2½" 2"	SF250F-D SF25F20T-D



(Open Snoot) Female Swivel Adapters - Rocker Lug

Feature:

• other configurations are available, consult Dixon® for information

Female NST (NH) Thread	Female Rigid NPT Thread	Cast Brass Part #
1½"	1½"	RSF150F
2½"	1½" 2" 2½" 3"	RSF25F15T RSF25F20T RSF250F RSF25F30T



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Double Female Swivels

Pin Lug

Female NPSH Thread	Female NPSH Thread	Cast Brass Part #
1½"	1½"	DFP1515
2½"	2½"	DFP2525



Female NST (NH) Thread	Female NST (NH) Thread	<i>Cast Brass</i> Part #
1½"	1½"	DFP1515F
21/2"	21/2"	DFP2525F

Female NST (NH) Thread	Female NPSH Thread	<i>Cast Brass</i> Part #
1½"	1½"	DFP15F15S
2½"	2½"	DFP25F25S

Female NYFD	Thread	Female NYFD Thread	<i>Cast Brass</i> Part #
1½"		1½"	DFP15NYFD15NYFD
2½"		2½"	DFP25NYFD25NYFD

Rocker Lug



Female NPSH Thread	Female NPSH Thread	Cast Brass Part #
1½"	1½"	DFR1515
2½"	2½"	DFR2525

Female	Female	Cast Brass
NST (NH) Thread	NST (NH) Thread	Part #
1½"	1½"	DFR1515F
21/3"	21/3"	DFR2525F



Domestic Double Female Swivels - Pin Lug



Female	Female	Cast Brass
NST (NH) Thread	NST (NH) Thread	Part #
1½"	1½"	DFP1515F-D
2½"	2½"	DFP2525F-D

• Replacement washers can be found on page 785

Fire Fittings & Accessories

Aluminum Swivel Female x Rigid Female Adapters - Rocker Lug Style N53

Female NPSH Swivel Thread	Female Rigid NPT Thread	Aluminum Extrusion - Anodized Part #
1½"	1½"	N53-15S15T
2"	2"	N53-20S20T
3"	3"	N53-30S30T
6"	6"	N53-60S60T



Female NPSH	Female Rigid	Aluminum Extrusion - Anodized
Swivel Thread	NPSH Thread	Part #
1½"	1½"	N53-15S15S



Female NST (NH) Swivel Thread	Female Rigid NPT Thread	Aluminum Extrusion - Anodized Part #
1½"	1½"	N53-15F15T
	2"	N53-25F20T
01/"	2½"	N53-25F25T
2½"	3"	N53-25F30T
	4"	N53-25F40T
4"	4"	N53-40F40T
4½"	4"	N53-45F40T
	6"	N53-45F60T
5"	6"	N53-50F60T
6"	6"	N53-60F60T



e NST (NH) rel Thread	Female Rigid NST Thread	Aluminum Extrusion - Anodized Part #
1½"	1½"	N53-15F15F
	1½"	N53-25F15F
2½"	21/2"	N53-25F25F
	6"	N53-25F60F
4"	4"	N53-40F40F
6"	41/2"	N53-60F45F
1½" 2½" 4"	1½" 1½" 2½" 6" 4"	N53-15F15F N53-25F15F N53-25F25F N53-25F60F N53-40F40F



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Double Swivel Female Adapters - Rocker Lug Style N35



Female NPSH Swivel Thread	Female NPSH Swivel Thread	Aluminum Extrusion - Anodized Part #
1"	1"	N35-10S10S
1½"	1½"	N35-15S15S
2½"	2½"	N35-25S25S
3"	3"	N35-30S30S



Female NST (NH) Swivel Thread	Female NST (NH) Swivel Thread	Aluminum Extrusion - Anodized Part #
1"	1"	N35-10F10F
41/"	1½"	N35-15F15F
1½"	2½"	N35-15F25F
2½"	2½"	N35-25F25F
4"	4"	N35-40F40F
4½"	4½"	N35-45F45F
5"	5"	N35-50F50F
6"	6"	N35-60F60F



Female NPSH Swivel Thread	Female NST Swivel Thread	Aluminum Extrusion - Anodized Part #
1"	1" 1½"	N35-10S10F N35-10S15F
1½"	1½"	N35-15S15F
2"	2½"	N35-20S25F
2½"	2½"	N35-25S25F

Aluminum Double Female Swivel Adapters - Long Handle Style N57



Female NST (NH) Thread	Male NST (NH) Thread	Aluminum Extrusion - Anodized Part #
4½"	6"	N57-45F60F
5"	5"	N57-50F50F
5	6"	N57-50F60F
6"	6"	N57-60F60F

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Hydrant Adapters - Pin Lug

Feature:

• other configurations are also available, consult Dixon® for information

- other configurations to	T also available, corisa	T DIXOT TOT ITTOTTICATION
Female Thread	Male Thread	Cast Brass
remaie mread	Iviale Thread	Part #
	34" GHT	HA15S76
	3/4" NPSH	HA15S75
	34" NPT	HA15S75T
44/11 NIDOLL		
1½" NPSH	1" NPSH	HA15S10S
	1" NPT	HA15S10T
	1½" NPT	HA15S15T
	1½" NST (NH)	HA15S15F
41/ " NDT	1½" NPSH	HA15T15S
1½" NPT	1½" NST (NH)	HA15T15F
	3/4" GHT	HA1576
	3/4" NPSH	HA1575
	34" NPT	HA1575T
	1" NPSH	HA1510
11/2" NST (NH)	1" NST (NH)	HA1510F
172 1101 (1111)	1" NPT	HA1510T
	1½" NPSH	HA1515
	1½" NPT	HA1515T
	1½" NST (NH)	HA1515F
	2½" NST (NH)	HA1525F
	1½" NPSH	HA20S15S
	1½" NPT	HA20S15T
2" NPSH		
	1½" NST (NH)	HA20S15F
	2½" NST (NH)	HA20S25F
2" NPT	21/2" NST (NH)	HA20T25F
2" NST (NH)	2½" NST (NH)	HA2025F
	1" NPT	HA25S10T
	1½" NPSH	HA25S15S
2½" NPSH	1½" NPT	HA25S15T
	1½" NST (NH)	HA25S15F
	2½" NST (NH)	HA25S25F
	34" GHT	HA2576
	3/4" NPT	HA2575T
	1" NPSH	HA2510
	1" NST (NH)	HA2510F
	1" NPT	HA2510T
	1½" NPSH	HA2515
	1½" NST (NH)	HA2515F
	1½" NPT	HA2515T
21/2" NST (NH)	2" NPSH	HA2520
,	2" NST (NH)	HA2520F
	2" NPT	HA2520T
	2½" NPSH	HA2525
	2½" NST (NH)	HA2525F
	2½" NPT	HA2525T
	3" NPSH	HA2530
	3" NST (NH)	HA2530F
	3" NPT	HA2530T
	2½" NST (NH)	HA30S25F
3" NPSH	2½" NPT	HA30S25T
	1½" NPSH	
OF NICT (NUIL)		HA3015S
3" NST (NH)	1½" NST (NH)	HA3015F
	2½" NST (NH)	HA3025F
4" NST (NH)	2½" NST (NH)	HA4025F
41/2" NST (NH)	21/2" NST (NH)	HA4525F



reducer



same size



increaser

All adapters are made to approved Dixon® specifications.
 Replacement washers can be found on page 785

Hydrant Adapters - Rocker Lug

Features:

- finishes: -C polished chrome plated
- other configurations are also available, consult Dixon® for information





reducer



reducer - chrome plated



same size

Female Thread	Male Thread	Cast Brass Part #
		1 5/11 //
	34" NST (NH)	RHA1576
	1" NST (NH)	RHA1510
	1" NST (NH)	RHA1510F
	1" NPT	RHA1510T
11/2" NST (NH)	1½" NPSH	RHA1515
	1½" NST (NH)	RHA1515F
	1½" NPT	RHA1515T
	2" NPSH	RHA1520
	21/2" NST (NH)	RHA1525F
	3/4" NPT	RHA15S75T
	1" NPSH	RHA15S10
1½" NPSH	1" NPT	RHA15S10T
	1½" NST (NH)	RHA15S15F
	1½" NPT	RHA15S15T
1½" NPT	1½" NST (NH)	RHA15T15F
2" NST (NH)	21/2" NST (NH)	RHA2025F
	34" GHT	RHA2576
	1" NPSH	RHA2510
	1" NST (NH)	RHA2510F
	1" NPT	RHA2510T
	1½" NPSH	RHA2515
21/2" NST (NH)	1½" NST (NH)	RHA2515F
,	1½" NPT	RHA2515T
	2" NST (NH)	RHA2520F
	2" NPT	RHA2520T
	2½" NPT	RHA2525T
	3" NPT	RHA2530T
01/# NIDOU	1½" NPSH	RHA25S15
2½" NPSH	1½" NST (NH)	RHA25S15F
2½" NPT	21/2" NST (NH)	RHA25T25F
3" NST (NH)	2½" NST (NH)	RHA3025F

Female x Male Adapters - Long Handle Style N56



Female NST (NH) Thread	Male NST (NH) Thread	Aluminum Extrusion - Anodized Part #
4"	2½"	N56-40F25F
4½"	4"	N56-45F40F
5"	2½"	N56-50F25F
6"	4½"	N56-60F45F
0	6"	N56-60F60T 1

DPL418

¹ female NST (NH) x male NPT

[•] All adapters are made to approved Dixon® specifications.

[•] Replacement washers can be found on page 785

Hydrant Adapters - Pin Lugs (New York Threads)

Features:

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI
- other configurations are also available, consult Dixon® for information

Female NYFD Thread	Male Thread	Cast Brass Part #
1½"	34" GHT	HA15NYFD76
	3/4" NPT	HA25NYFD75T
2½"	3/4" GHT	HA25NYFD76
	1½" NPSH	HA25NYFD15S
	11/2" NST (NH)	HA25NYFD15F
	1½" NPT	HA25NYFD15T
	1½" NYFD	HA25NYFD15NYFD
	2" NPT	HA25NYFD20T
	21/2" NST (NH)	HA25NYFD25F



reducer



same size

Female NYC Thread	Male Thread	Cast Brass Part #
2½"	¾" GHT 1" NPT 1½" NPT 2" NPT	HA25NYC76 HA25NYC10T HA25NYC15T HA25NYC20T



increaser

Hazmat Adapters - Pin Lugs

Feature:

· divides single stream into double stream

Female NST Thread	Male Thread	Cast Brass Part #
1½"	(2) ¾" GHT	HHA1576
2½"	(2) ¾" GHT	HHA2576



Domestic Hydrant Adapters - Pin Lug

Feature:

• other configurations are available, consult Dixon® for information

Female NST (NH)Thread	Male Thread	Cast Brass Part #
1½"	¾" GHT	HA1576-D
2½"	1" NPT 1½" NST (NH) 1½" NPT ¾" GHT	HA2510T-D HA2515F-D HA2515T-D HA2576-D



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Hydrant Adapters - Rocker Lug

Features:

- use with water
- maximum working pressure: 100 PSI at 70°F (21°C)



Female Thread	Male Thread	Polycarbonate Part #
1½" NPSH	1½" NST (NH)	POLYHA15S15F
2½" NST (NH)	34" GHT	POLYHA2576
	1½" NPSH	POLYHA2515
	1½" NST (NH)	POLYHA2515F
	2" NPT	POLYHA2520T

Domestic Female to Male Hex Nipples

Feature:

• other configurations are available, consult Dixon® for information



same size

Female Thread	Male Thread	Cast Brass Part #	
1" NPT	1½" NST (NH)	FM1015F-D	
1½" NPT	1½" NST (NH)	FM1515F-D	
1/2 INP1	2½" NST (NH)	FM1525F-D	
	1½" NPSH	FM15F15S-D	
11/2" NST (NH)	1½" NPT	FM15F15T-D	
	21/2" NST (NH)	FM15F25F-D	
41/ UNDOLL	1½" NST (NH)	FM15S15F-D	
1½" NPSH	1½" NPT	FM15S15T-D	
2" NPT	1½" NST (NH)	FM2015F-D	
2½" NPT	2½" NST (NH)	FM2525F-D	
	1½" NST (NH)	FM25F15F-D	
21/2" NST (NH)	1½" NPT	FM25F15T-D	
	2½" NPT	FM25F25T-D	



increaser



- All adapters are made to approved Dixon[®] specifications.
 Replacement washers can be found on page 785

Fire Fittings & Accessories

Single Male Outlet with Hex (open snoot)

Application:

• used to connect fire hose to a standpipe or sprinkler system

Features:

- finishes: -P polished, -C polished chrome plated
- other sizes, threads and configurations are available, consult Dixon® for information

Female NPT Thread	Male Thread	Cast Brass Part #
2½"	2½" NST (NH) 2½" NST (NH)	MOC250F-P MOC250F-C
3"	2½" NST (NH) 2½" NST (NH) 3" NST (NH)	MOC3025F-P MOC3025F-C MOC300F-P
Female NPT Thread	Male Thread	Cast Brass Part #
2½"	2½" NYC 2½" NYFD	MOC250NYC-P MOC250NYFD-P





polished chrome plated

Female to Male Hex Nipples

Feature:

• other configurations are also available, consult Dixon® for information

	<u> </u>	
Female Thread	Male Thread	Cast Brass Part #
2/11/01/17	4" NET	<u> </u>
34" GHT	1" NPT	FM7610T
1" NPSH	3/4" GHT	FM10S76
	34" GHT	FM1076
	1" NPSH	FM1010
1" NPT	1" NST (NH)	FM1010F
	1½" NPSH	FM1015
	1½" NST (NH)	FM1015F
1" NST (NH)	1" NPT	FM10F10T
	1½" NPSH	FM1515
1½" NPT	1½" NST (NH)	FM1515F
	2½" NST (NH)	FM1525F
	1½" NPSH	FM15F15S
	1½" NPT	FM15F15T
44 (NIOT (NII))	2" NPT	FM15F20T
1½" NST (NH)	2½" NPT	FM15F25T
	21/2" NST (NH)	FM15F25F
	1½" NST (NH)	FM15F15F
	1½" NST (NH)	FM15S15F
1½" NPSH	1½" NPT	FM15S15T
1/2 141 011	2" NPT	FM15S20T
	1½" NPSH	FM20S15
	1½" NST (NH)	FM20S15F
2" NPSH	1½" NPT	FM20S15T
2 111 511	2" NPT	FM20S20T
	2½" NST (NH)	FM20S25F
	1½" NPSH	FM2015
		FM2015 FM2015F
2" NPT	1½" NST (NH)	
	2" NPSH	FM2020
	2½" NST (NH)	FM2025F
2½" NST (NH)	34" NPT	FM25F75T
	1" NPT	FM25F10T
	1½" NST (NH)	FM25F15F
	1½" NPT	FM25F15T
	2" NPT	FM25F20T
	1½" NST (NH)	FM2515F
21/2" NPT	2½" NPSH	FM2525
	21/2" NST (NH)	FM2525F
Table continued on post page		



reducer



same size



increaser

Table continued on next page

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Female to Male Hex Nipples

Table continued from previous page

Fire Fittings & Accessories



reducer



same size



increaser

Female Thread	Male Thread	Cast Brass Part #
	2½" NST (NH)	FM25F25F
	21/2" NPT	FM25F25T
21/2" NST (NH)	3" NST (NH)	FM25F30F
2/2 1101 (1111)	3" NPT	FM25F30T
	2½" NPSH	FM25F25S
2½" NPT		FM2525T
Z/2 INP I	2½" NPT	
21/2" NPSH	2½" NST (NH)	FM25S25F
2/2 111 311	2½" NPT	FM25S25T
	2½" NST (NH)	FM3025F
3" NPT	2½" NPT	FM3025T
	3" NST (NH)	FM3030F
	2½" NST (NH)	FM30F25F
3" NST (NH)	2½" NPT	FM30F25T
	3" NPT	FM30F30T
3" NPSH	2½" NST (NH)	FM30S25F
	2½" NST (NH)	FM4025F
4" NPT	4" NST (NH)	FM4040F
	41/2" NST (NH)	FM4045F
4" NST (NH)	4" NPT	FM40F40T
4½" NST (NH)	4" NPT	FM45F40T
6" NPT	6" NST (NH)	FM6060F
6" NST (NH)	6" NPT	FM60F60T

Female to Male Hex Nipples (New York Threads)

reducer

Features:

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI
- other configurations are available, consult Dixon® for information

Female Thread	Male Thread	Cast Brass Part #
1½" NPT	1½" NYFD	FM1515NYFD
1½" NST (NH)	1½" NYFD	FM15F15NYFD
1½" NYFD	1½" NST (NH)	FM15NYFD15F
1/2 NYFD	1½" NPT	FM15NYFD15T
Female Thread	Male Thread	Cast Brass
	Iviale Tilleau	Part #
2½" NPT	2½" NYC	FM2525NYC
Z/2 INF I	2½" NYFD	FM2525NYFD
21/2" NST (NH)	2½" NYC	FM25F25NYC
2/2 NOT (NIT)	2½" NYFD	FM25F25NYFD
21/2" NYC	2½" NST (NH)	FM25NYC25F
	2½" NPT	FM25NYC25T
2½" NYFD	2½" NST (NH)	FM25NYFD25F
2/2 1111 0	2½" NPT	FM25NYFD25T
-	1	·
Female	Male Thread	Cast Brass
NYFD Thread	Wale Thread	Part #
	1½" NPT	FM25NYFD15T
2½"	2" NPT	FM25NYFD20T
	3" NPT	FM25NYFD30T



same size



increaser

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Accessories

Female x Male Adapters - Rocker Lug Style N37

1" NST (NH)	Female Thread	Male Thread	Aluminum Extrusion - Anodized Part #	
1" NPT		1" NST (NH)	N37-07G10F	
1½" NST (NH) 1½" NPSH 1½" NPSH 1½" NPSH 1½" NPSH 137-10F105 1" NPST 1" NPT 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 137-10F155 2½" NST (NH) 137-105076 137-105076 14" NPSH 157-105107 14" NPSH 157-105107 14" NPSH 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105107 157-105105 157		1" NPSH	N37-07G10S	
1½" NPSH N37-07G15S %" GHT N37-10F07G 1" NPSH N37-10F07G 1" NPSH N37-10F10T 1½" NST (NH) N37-10F15F 1½" NST (NH) N37-10F15F 1½" NST (NH) N37-10F25F 2½" NST (NH) N37-10S07G 3¼" SH NST (NH) N37-10S07G 3¼" NPSH N37-10S07S 1" NPSH N37-10S10F 1" NPT N37-10S10F 1" NPT N37-10S10F 1½" NPSH N37-10S10F 1½" NPSH N37-10S10F 1½" NPSH N37-10S15S 1" NPT N37-10S10F 1½" NPSH N37-10S15F 1½" NPSH N37-10S15F 1½" NPT N37-10F10F 1½" NPT N37-10F10F 1½" NPT N37-15F07G 1½" NPT N37-15F07T 1½" NPSH N37-15F07T 1½" NPSH N37-15F10S 1½" NPT N37-15F10F 1½" NPT N37-15F15F 1½" NPT N37-15F15F 1½" NPT N37-15F15F 1½" NPT N37-15F15F 1½" NPT N37-15F25F 1½" NPT N37-15F207 1½" NST (NH) N37-15F25F 1½" NPT N37-15S10F 1½" NPT N37-15S10F 1½" NPT N37-15S10F 1½" NPT N37-15S10F 1½" NPT N37-15S15T 2" NPT N37-15S207 1½" NPT N37-15S207 1½" NPT N37-15S15F 1½" NPT N37-15S207 1½" NPT N37-15T15F 1½" NPSH N37-15T15F 1½" NPSH N37-15T15F 1½" NPSH N37-15T25F 1½" NPSH N37-15T25F 1½" NPSH N37-15T25F 1½" NPSH N37-20S17F 1½" NPSH N37-20S17F 2" NPT N37-20S207 1½" NPST (NH) N37-20S15F 2" NPT N37-20S207 1½" NPST NH) N37-20S15F 1½" NPST NH) N37-20S15F 1½" NPST NH) N37-20S15F 1½" NPST NH) N37-20S15F 1½" NPST NH) N37-20S25F 1½" NPST NH) N37-20S15F 1½" NPST NH) N37-20S15F 1½" NPST NH) N37-20S15F 1½" NPST NH) N37-20S15F 1½" NPST NH) N37-20S15F	3/4" GHT	1" NPT	N37-07G10T	
1" NST		1½" NST (NH)	N37-07G15F	
1" NPSH 1" N9T N37-10F10S 1" NPT N37-10F10T 11½" NST (NH) N37-10F15F N37-10F15S 2½" NST (NH) N37-10F25F 3½" ST (NH) N37-10S07G 32" NPSH N37-10S10F 11" NPSH N37-10S10F N37-10S10F N37-10S10F N37-10S10F N37-10S10F N37-10S10F N37-10S15F N37-10S15F N37-10S15F N37-10S15F N37-10S15F N37-10S15F N37-10S15F N37-10S15S N37-10F10F N37-15F07G N37-10F10F N37-15F07T N37-15F07T N37-15F07T N37-15F10F N37-15F10F N37-15F10F N37-15F10F N37-15F10F N37-15F10F N37-15F15F N37-20S15F N37-20S15F N37-20S15F N37-20S15F N37-20S15F N37-20S15F N37-20S15F N37-20S15F N37-20S15F N37-20S15F N37-20S15F N37-20T15		1½" NPSH	N37-07G15S	
1" NST		34" GHT	N37-10F07G	
11/8" NST (NH) 11/8" NPSH 11/8" NST (NH) 11/8" NPSH 21/8" NST (NH) N37-10F15S 21/8" NST (NH) N37-10F25F W." GHT W37-10S07G W37-10S07S W37-10S07S W37-10S07S W37-10S10F W37-10S10F W37-10S10F W37-10S15F W37-10S15F W37-10S15F W37-10S15F W37-10S15S		1" NPSH	N37-10F10S	
1½" NST (NH) 1½" NPSH	1" NST	1" NPT	N37-10F10T	
2½" NST (NH)	1 1101		N37-10F15F	
34" GHT N37-10807G 34" NPSH N37-10807S N37-10807S NST (NH) N37-10810F N37-10810F N37-10810F N37-10815F N37-10815F N37-10815F N37-10815S N37-10815S N37-10815S N37-10815S N37-10815S N37-10815S N37-10815S N37-10815S N37-10815S N37-15807G N37-15810F N37-15810F N37-15810F N37-15810F N37-15815F N37-15815F N37-15815F N37-15815F N37-15815F N37-15815F N37-15815F N37-15815F N37-15810F N37-15810F N37-15810F N37-15810F N37-15810F N37-15815F N37-20807G N37-20807G N37-20807G N37-20807G N37-20807F		1½" NPSH	N37-10F15S	
1" NPSH 1" NPSH 1" NPSH 1" NST (NH) 1" NST 1" NST 1" NST 1" NST (NH) 1" NST 1" NST (NH) 1" NST 20T15F		21/2" NST (NH)	N37-10F25F	
1" NPSH 1" NPT 1" NPT 1" NPT 1" NPT 1" NPT 1" NST (NH) 1" NPSH 1" NPSH 1" NPSH 1" NPSH 1" NPT 1" NST 1" NPT 1" NST 1" NPT 1" NST 1" NPT 1" NST 1" NPT 1" NST (NH) 1" NST (NH) 1" NST (NH) 1" NST (NH) 1" NST (NH) 1" NPSH 1" NPT 1" NPT 1" NPT 1" NPT 1" NPT 1" NST (NH) 1" NPSH 1" NST (NH) 1" NPSH 1" NST (NH) 1" NPSH 1" NST (NH) 1" NST		¾" GHT	N37-10S07G	
1" NPT		¾" NPSH	N37-10S07S	
1" NPT	1" NDQU	1" NST (NH)	N37-10S10F	
1½" NPSH N37-10S15S 1" NPT 1" NST N37-10T10F 3¼" GHT N37-15F07G ½" NPT N37-15F07T 1" NST (NH) N37-15F10F 1" NPSH N37-15F10F 1" NPSH N37-15F10S 1½" NST (NH) N37-15F10S 1½" NPSH N37-15F15F 1½" NPSH N37-15F15F 1½" NPSH N37-15F15T 2" NPT N37-15F25F 3¼" GHT N37-15S07G 1" NST (NH) N37-15S10F 1½" NPSH N37-15S10F 1½" NPSH N37-15S15F 1½" NPT N37-15S15F 1½" NPT N37-15S15F 1½" NPT N37-15S20T 1½" NPT N37-15S20T 1½" NPT N37-15T15F 2" NPT N37-15T15F 2" NPT N37-15T15F 2" NPT N37-20S07G 1½" NST (NH) N37-20S15F 2" NPT N37-20S25F 1½" NST (NH) N37-20S25F 1½" NST (NH) N37-20S25F 1½" NST (NH) N37-20S25F 1½" NST (NH) N37-20S25F 1½" NST (NH) N37-20S15S 2" NPT N37-20S25F 1½" NST (NH) N37-20S15F 1½" NST (NH) N37-20S25F 1½" NST (NH) N37-20T15F	INFOIL	1" NPT	N37-10S10T	
1" NPT 1" NST N37-10T10F 3/4" GHT N37-15F07G 3/4" NPT N37-15F07T 1" NST (NH) N37-15F10F 1" NPSH N37-15F10S 1" NPT N37-15F10S 1" NPT N37-15F10S 1" NPT N37-15F15S 11/2" NST (NH) N37-15F15S 11/2" NPT N37-15F15S 11/2" NPT N37-15F20T 2" NPT N37-15F20T 2" NPT N37-15S07G 1" NST (NH) N37-15S07G 1" NST (NH) N37-15S10F 11/2" NPT N37-15S10F 11/2" NPT N37-15S15F 11/2" NPT N37-15S15F 11/2" NPT N37-15S20T 11/2" NPT N37-15S20T 11/2" NPT N37-15T15F 2" NPT N37-15T15F 3" GHT N37-15T15F 11/2" NPT N37-15T15F 2" NPT N37-15T15F 3" GHT N37-20S20T 11/2" NPSH N37-20S20T 21/2" NPT N37-20S20T 21/2" NPT N37-20S20F 11/2" NPT N37-20S20F 11/2" NPT N37-20S20F 11/2" NST (NH) N37-20S25F 11/2" NST (NH) N37-20S25F 11/2" NST (NH) N37-20T15F 2" NPT N37-20T15F 2" NPT N37-20T15F		1½" NST (NH)	N37-10S15F	
3/4" GHT N37-15F07G 3/4" NPT N37-15F07T N37-15F07T N37-15F07T N37-15F10F N37-15F10F N37-15F10S N37-15F10S N37-15F10S N37-15F10S N37-15F15F N37-15F15F N37-15F15F N37-15F15F N37-15F15F N37-15F15T N37-15F15T N37-15F20T N37-15F25F N37-15F25F N37-15F25F N37-15F25F N37-15F25F N37-20S07G N37-20S07G N37-20S07G N37-20S07G N37-20S07G N37-20S00TG N37-20T0T5F N37-20T0T5S N37-20T0T5S N37-20T0T5S N37-20T0T5S N37-20T0T5S N37-20T0T5S N37-20T0T5S N37-20T0T5S N37-20T0		1½" NPSH	N37-10S15S	
34" NPT	1" NPT	1" NST	N37-10T10F	
1" NST (NH) 1" NPSH 1" NPSH 1" NPSH 1" NPT 1" NPT 1" NST (NH) 1" NPT 1" NST (NH) 1" NPT 1" NST-15F10S 1" NPT 1" NST-15F10T 1" NST-15F15F 1" NST-15F15F 1" NST-15F15S 1" NPT 2" NPT 2" NPT 2" NPT N37-15F25F 3/4" GHT 1" NST (NH) 1" NST (NH) 1" NST (NH) 1" NST (NH) 1" NST (NH) 1" NST (NH) 1" NST-15S15F 1" NST (NH) 1" NST (NH) 1" NST-15S15F 1" NST-15S20T 1" NST-15S20T 1" NST (NH) 1" NST-15T15F 2" NPT 1" N37-15S25F 1" NST (NH) 1" NST-15T15F 2" NPSH 1" N37-15T15F 2" NPT 1" N37-20S07G 1" NST (NH) 1" NST-20S15F 2" NPSH 1" NST (NH) N37-20S15F 2" NPT N37-20S25F 1" NST (NH) N37-20S25F 1" NST (NH) N37-20T15F 2" NPT 1" NST-20T15F		¾" GHT	N37-15F07G	
1" NPSH		34" NPT	N37-15F07T	
1½" NST (NH) 1" NPT 1½" NST (NH) 1½" NPSH 1½" NPSH N37-15F15F 1½" NPT 2" NPT 2" NPT N37-15F20T 2½" NST (NH) N37-15F25F 3¼" GHT N37-15S07G 1" NST (NH) N37-15S10F 1½" NPT N37-15S10F 1½" NPT N37-15S15F 1½" NPT N37-15S15T 2" NPT N37-15S20T 1½" NPT N37-15T15F 1½" NPT N37-15T15F 1½" NPT N37-15T15F 1½" NPT N37-15T15F 1½" NPT N37-15T15F 1½" NPT N37-15T15F 2½" NST (NH) N37-15T25F 3¼" GHT N37-20S07G 1½" NST (NH) N37-20S15F 2" NPSH 1½" NPSH N37-20S15F 2" NPT N37-20S20T 2½" NST (NH) N37-20S25F 1½" NST (NH) N37-20S25F 1½" NST (NH) N37-20T15F 2" NPT N37-20T15F		1" NST (NH)	N37-15F10F	
1½" NST (NH) 1½" NST (NH) 1½" NPSH 1½" NPSH 1½" NPT 2" NPT 2" NPT 34" GHT 1½" NPT 1½" NST (NH)		1" NPSH	N37-15F10S	
1½" NPSH N37-15F15F 1½" NPSH N37-15F15S 1½" NPT N37-15F15T 2" NPT N37-15F20T 2½" NST (NH) N37-15F25F ¾" GHT N37-15S10F 1½" NPSH 1½" NST (NH) N37-15S15F 1½" NPT N37-15S15T 2" NPT N37-15S20T 1½" NPT N37-15S15F 1½" NPT N37-15T15F 1½" NPSH N37-15T15F 2½" NST (NH) N37-15T15F 1½" NPSH N37-15T25F ¾" GHT N37-15T25F ¾" GHT N37-20S07G 1½" NST (NH) N37-20S15F 2" NPSH N37-20S20T 2½" NST (NH) N37-20S25F 1½" NST (NH) N37-20S25F 1½" NST (NH) N37-20T15F 2" NPT N37-20T15F	11/" NICT (NILL)	1" NPT	N37-15F10T	
1½" NPT	1/2 1931 (1911)	1½" NST (NH)	N37-15F15F	
2" NPT		1½" NPSH	N37-15F15S	
2½" NST (NH) N37-15F25F		1½" NPT	N37-15F15T	
3/4" GHT N37-15S07G 1" NST (NH) N37-15S10F 11/2" NST (NH) N37-15S15F 11/2" NPT N37-15S15T 2" NPT N37-15S20T 11/2" NST (NH) N37-15T15F 11/2" NPSH N37-15T15S 21/2" NST (NH) N37-15T25F 3/4" GHT N37-20S07G 11/2" NST (NH) N37-20S15F 2" NPSH N37-20S15S 2" NPT N37-20S20T 21/2" NST (NH) N37-20S25F 11/2" NST (NH) N37-20T15F 2" NPT N37-20T15S		2" NPT	N37-15F20T	
1" NST (NH) 1½" NPSH 1½" NST (NH) 1½" NST (NH) 1½" NPT 2" NPT 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 2" NPSH 2" NPSH 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST (NH) 1½" NST-20T15F 1½" NST-20T15S		2½" NST (NH)	N37-15F25F	
1½" NPSH 1½" NPT 1½" NPT 2" NPT N37-15S15T 2" NPT N37-15S20T 1½" NST (NH) 1½" NST (NH) 1½" NPSH 1½" NPSH 2½" NST (NH) N37-15T15F N37-15T15S 2½" NST (NH) N37-15T25F 3¼" GHT N37-20S07G 1½" NST (NH) N37-20S15F 2" NPSH 1½" NPSH N37-20S15S 2" NPT N37-20S25F 1½" NST (NH) N37-20S25F 1½" NST (NH) N37-20T15F 2" NPT 1½" NPSH N37-20T15F			N37-15S07G	
1½" NPT 2" NPT N37-15\$15T 2" NPT N37-15\$20T 1½" NST (NH) N37-15T15F 1½" NPSH N37-15T15S 2½" NST (NH) N37-15T25F 3¼" GHT N37-20\$07G 1½" NST (NH) N37-20\$15F 2" NPSH N37-20\$15S 2" NPT N37-20\$20T 2½" NST (NH) N37-20\$25F 1½" NST (NH) N37-20\$15F N37-20\$25F 1½" NST (NH) N37-20\$15F N37-20\$25F 1½" NST (NH) N37-20\$15F		1" NST (NH)	N37-15S10F	
2" NPT	11/2" NPSH	1½" NST (NH)	N37-15S15F	
1½" NST (NH)		1½" NPT	N37-15S15T	
1½" NPT 1½" NPSH N37-15T15S 2½" NST (NH) N37-15T25F ¾" GHT N37-20S07G 1½" NST (NH) N37-20S15F 2" NPSH 1½" NPSH N37-20S15S 2" NPT N37-20S20T N37-20S25F 1½" NST (NH) N37-20T15F 2" NPT 1½" NPSH N37-20T15F 2" NPT 1½" NPSH N37-20T15S		2" NPT	N37-15S20T	
2½" NST (NH) N37-15T25F ¾" GHT N37-20S07G 1½" NST (NH) N37-20S15F 2" NPSH 1½" NPSH N37-20S15S 2" NPT N37-20S20T N37-20S20T 2½" NST (NH) N37-20S25F 1½" NST (NH) N37-20T15F 2" NPT 1½" NPSH N37-20T15S		1½" NST (NH)	N37-15T15F	
3/4" GHT N37-20S07G 11/2" NST (NH) N37-20S15F 2" NPSH 11/2" NPSH N37-20S15S 2" NPT N37-20S20T N37-20S20T 21/2" NST (NH) N37-20S25F 11/2" NST (NH) N37-20T15F 2" NPT 11/2" NPSH N37-20T15S	1½" NPT	1½" NPSH	N37-15T15S	
2" NPSH 1½" NST (NH) N37-20S15F 2" NPSH 1½" NPSH N37-20S15S 2" NPT N37-20S20T 2½" NST (NH) N37-20S25F 1½" NST (NH) N37-20T15F 2" NPT 1½" NPSH N37-20T15S		2½" NST (NH)	N37-15T25F	
2" NPSH 1½" NPSH N37-20\$15\$ 2" NPT N37-20\$20T 2½" NST (NH) N37-20\$25F 1½" NST (NH) N37-20T15F 2" NPT 1½" NPSH N37-20T15\$		3/4" GHT	N37-20S07G	
2" NPSH 1½" NPSH N37-20S15S 2" NPT N37-20S20T 2½" NST (NH) N37-20S25F 1½" NST (NH) N37-20T15F 2" NPT 1½" NPSH N37-20T15S		1	N37-20S15F	
2" NPT	2" NPSH		N37-20S15S	
2½" NST (NH) N37-20S25F 1½" NST (NH) N37-20T15F 2" NPT 1½" NPSH N37-20T15S	= •	1		
1½" NST (NH) N37-20T15F 2" NPT 1½" NPSH N37-20T15S		!	N37-20S25F	
2" NPT 1½" NPSH N37-20T15S				
	2" NPT			
	- · ·· ·	2½"NST (NH)	N37-20T25F	



reducer



same size



increaser

Table continued on next page

[•] All adapters are made to approved Dixon® specifications.

[•] Replacement washers can be found on page 785

Female x Male Adapters - Rocker Lug (continued) Style N37

Table continued from previous page





1.5 NST	
reducer	

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2 200	TSN 3.1	- 21
13	NUKRI	
-	1.5 NST	13.00

same size



increaser

Female Thread	Male Thread	Aluminum Extrusion - Anodized Part #
	3/4" GHT	N37-25F07G
	3/4" NPT	N37-25F07T
	1" NPT	N37-25F10T
	1½" NST (NH)	N37-25F15F
	1½" NPSH	N37-25F15S
	1½" NPT	N37-25F15T
2½" NST (NH)	2" NPT	N37-25F20T
	2½" NST (NH)	N37-25F25F
	2½" NPSH	N37-25F25S
	2½" NPT	N37-25F25T
	3" NST (NH)	N37-25F30F
	3" NPT	N37-25F30T
	1½" NPSH	N37-25S15S
2½" NPSH	2½" NST (NH)	N37-25S25F
Z/2 INI OII	2½" NPT	N37-25S25T
	1½" NPSH	N37-253251 N37-25T15S
2½" NPT		N37-25T 135 N37-25T25F
2/2 INP I	2½" NST (NH)	
	3" NPT	N37-25T30T
OU NIOT (NUI)	1½" NST (NH)	N37-30F15F
3" NST (NH)	2½" NST (NH)	N37-30F25F
	3" NPT	N37-30F30T
	2½" NST (NH)	N37-30S25F
3" NPT	2½" NST (NH)	N37-30T25F
	2½" NPT	N37-30T25T
	2½" NST (NH)	N37-40F25F
4" NST (NH)	4" NST (NH)	N37-40F40F
,	4" NPT	N37-40F40T
	6" NST (NH)	N37-40F60F
	2½" NST (NH)	N37-40T25F
4" NPT	4" NST (NH)	N37-40T40F
	4½" NST (NH)	N37-40T45F
	2½" NST (NH)	N37-45F25F
4½" NST (NH)	4" NST (NH)	N37-45F40F
+/2 NOT (NIT)	4" NPT	N37-45F40T
	5" NST (NH)	N37-45F50F
	41/2" NST (NH)	N37-50F45F
5" NST (NH)	5" NPT	N37-50F50T
- (/	6" NST (NH)	N37-50F60F
5" NPSH	6" NST (NH)	N37-50S60F
5" NPT	5" NST (NH)	N37-50T50F
	4" NPT	N37-60F40T
6" NST (NH)	5" NST (NH)	N37-60F50F
	6" NPT	N37-60F60T
	4" NST (NH)	N37-60T40F
6" NPT	1 1101 (1111)	N37-60T60F

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Brass Female Swivel to Male Adapters

Pin Lug

		· iii zag
Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #
1½"	1½"	SM150F
2½"	1½" 2" 2½" 3"	SM25F15T SM25F20T SM250F SM25F30T
4"	4"	SM400F
Female NPSH Thread	Male NPT Thread	Cast Brass Part #
1½" 2" 2½"	1½" 2" 2½"	SM150S SM200S SM250S
Female Thread	Male NST (NH) Thread	Cast Brass Part #
1½" NPSH 2½" NST (NH)	1½" 3"	SM15S15F SM25F30F
Female Thread	Male NPT Thread	Cast Brass Part #
1½" NYFD 2½" NYFD	1½" 2½"	SM150NYFD SM250NYFD



Rocker Lug

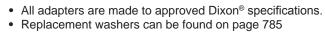
Female Thread	Male NPT Thread	<i>Cast Brass</i> Part #
1½" NST (NH)	1½"	RSM150F
11/2" NPSH	1½"	RSM150S
2½" NST (NH)	2" 2½" 3"	RSM25F20T RSM250F RSM25F30T



Domestic Male Swivel Adapters - Pin Lug

Female NST (NH) SwivelThread	Male NPT Thread	Cast Brass Part #
1½"	1½"	SM150F-D
	2½"	SM250F-D
2½"	2"	SM25F20T-D
	3"	SM25F30T-D





Fire Fittings & Accessories

Male Rocker Lug - Suction with Poly Screen

Feature:

· suction intake with strainer screen



Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #
2½"	2" 2½" 3"	RSMSA25F20T RSMSA250F RSMSA25F30T

Male Rocker Lug - Suction with Zinc Screen

Feature:

• suction intake with zinc strainer screen - excellent to use before backflow preventers

Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #
2½"	2" 2½" 3"	RSMSA25F20T-Z RSMSA250F-Z RSMSA25F30T-Z

Male Rocker Lug - Suction with Poly Screen



Feature:

• suction intake with strainer screen

	Female NST (NH) Thread	Male NPT Thread	<i>Aluminum</i> Part #
_	2½"	2" 2½"	ARSMSA25F20T ARSMSA250F



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Female Swivel to Male Adapters - Rocker Lug Style N54

Female Swivel Thread	Male RigidThread	Aluminum Extrusion - Anodized Part #
	1½" NST (NH)	N54-15F15F
11/2" NST (NH)	1½" NPT	N54-15F15T
	21/2" NST (NH)	N54-15F25F
1½" NPSH	1½" NPSH	N54-15S15S
1/2 NFON	1½" NPT	N54-15\$15T
	1½" NST (NH)	N54-25F15F
	1½" NPT	N54-25F15T
O1/" NICT (NILI)	2" NPT	N54-25F20T
2½" NST (NH)	21/2" NST (NH)	N54-25F25F
	2½" NPT	N54-25F25T
	3" NPT	N54-25F30T
2½" NPSH	2" NPT	N54-25S20T
3" NPSH	3" NPT	N54-30\$30T
	4" NST (NH)	N54-40F40F
4" NST (NH)	4" NPT	N54-40F40T
	6" NST (NH)	N54-40F60F
41/ II NIOT (NILI)	4" NPT	N54-45F40T
4½" NST (NH)	6" NPT	N54-45F60T
6" NST (NH)	6" NPT	N54-60F60T



Female Swivel to Male Adapters - Long Handle Style N54L

Female NST Thread	Male Thread	Aluminum Extrusion - Anodized Part #
21/2"	21/2" NST (NH)	N54L-25F25F
4"	6" NST (NH)	N54L-40F60F
4½"	4" NPT	N54L-45F40T
	4" NPT	N54L-60F40T
6"	5" NST (NH)	N54L-60F50F
	6" NPT	N54L-60F60T





[•] All adapters are made to approved Dixon® specifications.

[•] Replacement washers can be found on page 785

Double Male Hex Nipples

Feature:

• other configurations are available, consult Dixon® for information

Male Thread	Male Thread	Cast Brass Part #
	1½" NPSH	DMH7515
3/4" NPT	1½" NST (NH)	DMH7515F
	3/4" GHT	DMH1076
	1" NPSH	DMH1010
	1" NST (NH)	DMH1010F
1" NPT	1½" NPSH	DMH1015
	1½" NST (NH)	DMH1015F
	2½" NST (NH)	DMH1025F
1½" NPSH	1½" NPSH	DMH15S15S
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1" NPSH	DMH1510
	1" NST (NH)	DMH1510F
	1½" NPSH	DMH1515
1½" NPT	1½" NPT	DMH1515T
	1½" NST (NH)	DMH1515F
	2" NPSH	DMH1520
	2½" NST (NH)	DMH1525F
	1½" NPSH	DMH15F15S
1½" NST (NH)	1½" NST (NH)	DMH15F15F
, ,	2½" NST (NH)	DMH15F25F
	1½" NPSH	DMH2015
	1½" NST (NH)	DMH2015F
2" NPT	2" NPSH	DMH2020
2 NPT	2½" NPSH	DMH2025
	2" NPT	DMH2020T
	21/2" NST (NH)	DMH2025F
	1½" NPSH	DMH2515
	1½" NST (NH)	DMH2515F
	2" NPSH	DMH2520
	2½" NPSH	DMH2525
21/2" NPT	21/2" NST (NH)	DMH2525F
	2½" NPT	DMH2525T
	3" NPSH	DMH2530
	3" NPT	DMH2530T
	3" NST (NH)	DMH2530F
21/2" NST (NH)	2½" NST (NH)	DMH25F25F
· /	3" NST (NH)	DMH25F30F
	2½" NPSH	DMH3025
OUAIDT	2½" NST (NH)	DMH3025F
3" NPT	3" NPSH	DMH3030
	3" NST (NH)	DMH3030F
All NIDT	3" NPT	DMH3030T
4" NPT	4" NPSH	DMH4040
4" NST (NH)	4" NST	DMH40F40F
4" NDT	4" NST (NH)	DMH4040F
4" NPT	4½" NST (NH)	DMH4045F
CHAIDT	4" NPT	DMH4040T
5" NPT	5" NST (NH)	DMH5050F
	4½" NST (NH)	DMH6045F
		DMUESESE
6" NPT	6" NST (NH) 6" NPSH	DMH6060F DMH6060





same size



increaser

• All adapters are made to approved Dixon® specifications.

6" NPT

DMH6060T

Double Male Hex Adapters (NYFD Threads)

Feature:

• other configurations are available, consult Dixon® for information

Male Thread	Male NYFD Thread	Cast Brass Part #
1½" NPT	1½"	DMH1515NYFD
11/2" NST (NH)	1½"	DMH15F15NYFD
1½" NPT	2½"	DMH1525NYFD
2" NPT	2½"	DMH2025NYFD
2½" NPT	1½"	DMH2515NYFD
21/2" NPT	2½"	DMH2525NYFD

Male NST (NH) Thread	Male NYFD Thread	Cast Brass Part #
2½"	2½"	DMH25F25NYFD

Male NYFD Thread	Male NYFD Thread	Cast Brass Part #
1½"	1½"	DMH15NYFD15NYFD
2½"	2½"	DMH25NYFD25NYFD

• NYFD thread: 3.031 x 8 TPI



Fire Fittings & Accessories

reducer



same size



increaser



[•] All adapters are made to approved Dixon® specifications.

Domestic Double Male Hex Adapters

Fire Fittings & Accessories



reducer



same size



increaser

Feature:

• other configurations are available, consult Dixon® for information

Male Thread	Male Thread	Cast Brass Part #
ALNET	1" NST (NH)	DMH1010F-D
1" NPT	1½" NST (NH)	DMH1015F-D
	1½" NPSH	DMH1515-D
1½" NPT	1½" NST (NH)	DMH1515F-D
	2½" NST (NH)	DMH1525F-D
	1½" NST (NH)	DMH15F15F-D
11/2" NST (NH)	1½" NPSH	DMH15F15S-D
,	21/2" NST (NH)	DMH15F25F-D
	1½" NST (NH)	DMH2015F-D
2" NPT	2" NPSH	DMH2020-D
	21/2" NST (NH)	DMH2025F-D
01/ NIDT	1½" NST (NH)	DMH2515F-D
2½" NPT	2½" NST (NH)	DMH2525F-D
2½" NST (NH)	2½" NST (NH)	DMH25F25F-D
OLNDT	2½" NST (NH)	DMH3025F-D
3" NPT	3" NST (NH)	DMH3030F-D
4" NPT	4½" NST (NH)	DMH4045F-D
6" NPT	6" NST (NH)	DMH6060F-D

Double Male Adapters

Feature:

• other configurations are available, consult Dixon® for information

Pin Lug



Male Thread	Male Thread	Cast Brass Part #
1½" NST (NH)	1½" NST (NH) 1½" NPT	DMP1515F DMP15F15T
1½" NPSH	1½" NPSH 1½" NPT	DMP1515 DMP15S15T
1½" NST (NH)	1½" NPSH	DMP15F15S
2½" NST (NH)	2½" NST (NH) 2½" NPSH 2½" NPT	DMP2525F DMP25F25S DMP25F25T
21/2" NPSH	2½" NPSH	DMP2525

Rocker Lug



Male Thread	Male Thread	Cast Brass Part #
	1½" NST (NH)	DMR1515F
1½" NST (NH)	1½" NPT	DMR15F15T
	1½" NPSH	DMR15F15S
1½" NPSH	1½" NPSH	DMR1515
1/2 INFOR	1½" NPT	DMR15S15T
21/2" NST (NH)	2½" NST (NH)	DMR2525F
2½" NPSH	21/2" NPSH	DMR2525

[•] All adapters are made to approved Dixon® specifications.

Accessories

Double Male Adapters - Rocker Lug Style N36

		Otyle 1100
Male NST (NH)Thread	Male Thread	Aluminum Extrusion - Anodized Part #
1"	1" NST (NH)	N36-10F10F
	1½" NST (NH)	N36-15F15F
1½"	2" NPT	N36-15F20T
	2½" NST (NH)	N36-15F25F
	2½" NST (NH)	N36-25F25F
	3" NST (NH)	N36-25F30F
01/1	3" NPT	N36-25F30T
2½"	4" NST (NH)	N36-25F40F
	4" NPT	N36-25F40T
	4½" NST (NH)	N36-25F45F
3"	3" NST (NH)	N36-30F30F
4"	4" NST (NH)	N36-40F40F
4½"	4½" NST (NH)	N36-45F45F
6"	6" NST (NH)	N36-60F60F
Male NPT Thread	Mala Thua ad	Aluminum Extrusion - Anodized
	Male Thread	Part #
4171	1½" NST (NH)	N36-15T15F
1½"	2½" NST (NH)	N36-15T25F
2"	2" NPT	N36-20T20T
2"	21/2" NST (NH)	N36-20T25F
	2½" NST (NH)	N36-25T25F
2½"	3" NPT	N36-25T30T
	4" NPT	N36-25T40T
3"	3" NST (NH)	N36-30T30F
4"	4" NST (NH)	N36-40T40F
4	4½" NST (NH)	N36-40T45F
5"	6" NPT	N36-50T60T
6"	6" NST (NH)	N36-60T60F
Male NPSH Thread	Male Thread	Aluminum Extrusion - Anodized
IVIAIE INFORTITIEAU	Male Thread	Part #
1"	1" NPSH	N36-10S10S
	1½" NST (NH)	N36-15S15F
1½"	1½" NPSH	N36-15S15S
l /2	1½" NPT	N36-15S15T
	2" NPSH	N36-15S20S
21/ "	21/2" NST (NH)	N36-25S25F
2½"	2½" NPSH	N36-25S25S



same size



increaser

Cam and Groove Hydrant Adapters

Features:

- pin lugs allow for easy connection using standard spanner and hydrant wrenches on pages 799 - 802
- supplied with a Buna-N washer in the threaded end

FemaleNST (NH)	Male Adapter	<i>Brass</i>	<i>Aluminum</i>
Thread		Part #	Part #
1½"	1½"	HA1515ADP	AHA1515ADP
2½"	2½"	HA2525ADP	AHA2525ADP



Replacement Washers

ID	OD	Thickness	Buna-N Part #
1-9/16"	2-1/16"	1/8"	SW150
2-9/16"	3-3/16"	3/16"	SW250

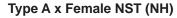


[•] All adapters are made to approved Dixon® specifications.

Cam and Groove x NST

Features:

- powder coated aluminum adapter
- for suction and low pressure discharge only
- other sizes, configurations and materials available, contact Dixon® for information





	Adapter Size	Female NST (NH)Thread	Aluminum Part #
_	1½" 2½"	1½"	G150-A-ALNST G250-A-ALNST
	3"	2½"	3025-A-ALNST

Type B x Male NST (NH)

Feature:





Coupler Size	Male NST (NH) Thread	<i>Aluminum</i> Part #
1½"	1½"	G150-B-ALNST
2"	1½"	2015-B-ALNST
21/2"	2½"	G250-B-ALNST
3"	2½"	3025-B-ALNST

Type D x Female NST (NH)

Feature:

· Buna seals standard



Coupler Size	Female NST (NH) Thread	Aluminum Part #
1½"	1½"	G150-D-ALNST
2"	2½"	2025-D-ALNST
2½"	2½"	G250-D-ALNST
3"	2½"	3025-D-ALNST

Type F x Male NST (NH)



Adapter Size	Male NST (NH) Thread	Aluminum Part #
1½"	1½"	G150-F-ALNST
2"	2½"	2025-F-ALNST
2½"	2½"	G250-F-ALNST
3"	2½"	3025-F-ALNST

DPL418

Brass Caps

Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- NOT intended for pressure applications for debris and thread protection only



NST (NH) Thread	Cast Brass Part #
1½"	FC150F FC150F-P FC150F-C
2"	FC200F
2½"	FC250F-P FC250F-C
3"	FC300F
4"	FC400F
4½"	FC450F
6"	FC600F
NPSH Thread	Cast Brass Part #
1½"	FC150
2"	FC200
2½"	FC250
3"	FC300
4"	FC400
6"	FC600







Rocker Lug

Feature:

• finishes: -P polished, -C polished chrome plated

NST (NH) Thread	Cast Brass Part #
1"	RFC100F
1½"	RFC150F
04/1	RFC250F
2½"	RFC250F-C
NPSH Thread	Cast Brass Part #
3/"	RFC075
1"	
'	RFC100
1½"	RFC150
2"	RFC200
2½"	RFC250





Brass Test Caps

Features:

- pet cock port supplied with 1/8" NPT
- drain cock port supplied with 1/4" NPT

NST (NH) Thread	<i>Bra</i> ss Part #
2½"	NST250TC



Aluminum Caps with Cable

Rocker Lug

Features:

- other configurations are available, consult Dixon® for information, not all configurations are stocked
- aircraft cable (coated) included

Size	Thread	Extruded Hardcoated Aluminum Part #
1" 1½" 2" 2½" 3" 4" 4½" 5"	NST (NH)	CAP100F-C CAP150F-C CAP200F-C CAP250F-C CAP300F-C CAP400F-C CAP450F-C CAP500F-C CAP600F-C
1" 1½" 2" 2½"	NPSH	CAP100S-C CAP150S-C CAP200S-C CAP250S-C



Long Handle

NST (NH) Thread	Extruded Hardcoated Aluminum Part #
 4"	CAP400F-C-LH
41/2"	CAP450F-C-LH
5"	CAP500F-C-LH
6"	CAP600F-C-LH



Aluminum Test Caps

Feature:

• supplied with 1/4" NPT drill and tap



Size	Thread	Aluminum Part #
1½" 2" 2½" 3" 4" 4½" 5"	NST (NH)	CAP150FABS CAP200FABS CAP250FABS CAP300FABS CAP400FABS CAP450FABS CAP500FABS CAP600FABS
1½" 2" 2½" 3" 4" 4½" 5" 6"	NPSH	CAP150SABS CAP200SABS CAP250SABS CAP300SABS CAP400SABS CAP450SABS CAP500SABS CAP500SABS

Fire Fitting: Accessorie

Thermoplastic Caps

Caps with Chain

Application:

· prevents entry of foreign material and protects male outlet threads on valves and hydrants

Feature:

NOT intended to be pressurized



Size	Thread	Polycarbonate Part #
1½"	NPSH NST (NH)	PFCW150 PFCW150F
2" 2½" 3"	NPSH NST (NH) NST	PFCW200 PFCW250F PFCW300F



Pressurizable Cap with Chains

Feature:

· can be pressurized to 300 PSI

Size	Thread	Polycarbonate Part #
21/2"	NST (NH) Thread	PFC250F



Hydrant Caps

Features:

- 11/8" pentagonal nut with weep hole
- · gasket not included

NST (NH) Thread	Polycarbonate Part #
2½"	PFCW250F-Y
4"	PFCW400F-Y
4½"	PFCW450F-Y

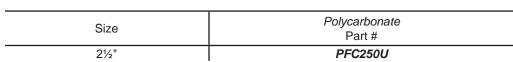


Universal Hose Cap

Features:

- universal push on pull off cap protects all threads by gripping the valve or outlet on the inside of the waterway
- NOT intended to be pressurized









Breakable Caps

Polycarbonate

Application:

 prevents entry of foreign material and protects female threads on pin lug fire department inlet connections



• used on pin lug females

Size	Polycarbonate Part #
2½"	PBC250

Aluminum

Features:

- · for use on fire department inlet connections
- prevents entry of foreign matter and protects female threads
- breakable ears feature permits fast hose connection
- two eyebolts with nuts for attachment to female pin lug swivel
- · painted red finish



Specialty Caps

Domestic Caps - Pin Lug

Feature:

• other sizes, threads, and finishes available, call Dixon® for information

Size	Thread	<i>Bra</i> ss Part #
1½" 2½"	NST (NH)	FC150F-D FC250F-D

Note: jack chains with S-hooks can be found on page 172

Hydrant Caps

Features:

- pentagon fire hydrant cap
- supplied with chain and ring

Size	Thread	<i>Iron</i> Part #
2½"	NST (NH)	IHC250F
4½"	NST (NH)	IHC450F

Note: jack chains with S-hooks can be found on page 172





Specialty Caps

Plugs with Cable - Rocker Lug

Feature:

• -NC: no cable option available

0:	Extruded Hardcoated Aluminum		
Size	NST (NH) Part #	NPSH Part #	
1½"	PLUG150F-C	PLUG150S-C	
2½"	PLUG250F-C	PLUG250S-C	
3"	PLUG300F-C	PLUG300S-C	
4"	PLUG400F-C		
4½"	PLUG450F-C		
5"	PLUG500F-C		
6"	PLUG600F-C		



Cap Test Gauges

Application:

Used for testing hose or static pressure on hydrants or trucks

Features:

- rocker lug swivel
- · petcock to release pressure
- supplied with a 0-300 PSI glycerine 31/2" diameter gauge

NST (NH) Thread	Hardcoated Aluminum Part #
1½"	AFC150F-TGWP
2½"	AFC250F-TGWP



Features:

- fits standard 21/2" NST (NH) female swivel
- withstands wide range of temperatures from -4°F to 200°F (-20°C to 93°C)
- 11/8" pentagonal nut with weep hole to allow for drainage
- · removed from FDC with adjustable hydrant wrench

Size	Thread	Polycarbonate Part #
1½"	NST (NH)	PP150F
2½"	NST (NH)	PP250F
21/2	NYFD	PP250NYFD



Adjust-A-Plug

FDC Plugs

Features:

- molded red polycarbonate protective plug for swivel connections up to 2½"
- two adjustable metal plates installed in the back of the plug can be mated with your local thread
- plug can be easily removed with a fire department spanner wrench

Polycarbonate Part # PAP250



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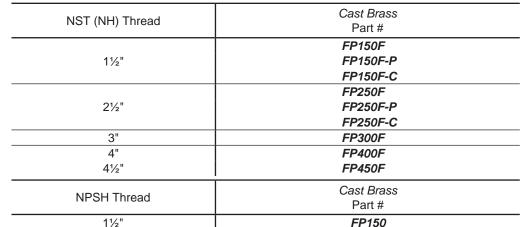
Brass Plugs

Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- NOT intended for pressure applications for debris and thread protection only





FP250





Rocker Lug

Feature:

• finishes: -P polished, -C polished chrome plated

21/2"



NST (NH) Thread	Cast Brass Part #
1½"	RFP150F
2½"	RFP250F

Domestic Plugs - Pin Lug



NST (NH) Thread	<i>Brass</i> Part #
1½"	FP150F-D
2½"	FP250F-D

Brass Replacement Swivels and AccessoriesFeatures:

- replacement brass swivels for Dixon® fire department connections
- · swivel comes with gasket, set screw and ball bearings needed to install on FDC
- other configurations are available, contact Dixon® for information



Size	Female Thread	<i>Brass</i> Part #
	NPSH (2.84x8)	PSNP250S
2½"	NST (NH) (3.07x7.5)	PSNP250NST
Z/2	NYC/BA (3.00x8)	PSNP250NYC
	NYFD (3.03x8)	PSNP250NYFD
3"	NST (NH)	PSNP300NST
3	NYFD	PSNP300NYFD

• 21/2" requires 50 ball bearings, 3" requires 58 ball bearings

Replacement Parts



Description	Part #
2½" gasket	SW250
3" gasket	SW300F
ball bearings	4600300001
set screw	4601100418

FSA-Storz x Rigid Female

Features:

- for use wherever a non-valved, locking coupling is required
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: 150 PSI at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

		Storz x NST (NH) Female
Storz Size	NST (NH) Female Thread	6061-T6 Forged Alumium Part #
1½"	1½"	FSA1515F
2"	1½"	FSA2015F
	2½"	FSA2025F
21/2"	2½"	FSA2525F
3"	2½"	FSA3025F
	2½"	FSA4025F
	3"	FSA4030F
4"	4"	FSA4040F
4	4½"	FSA4045F
	5"	FSA4050F
	6"	FSA4060F
	2½"	FSA5025F
	3"	FSA5030F
5"	4"	FSA5040F
5"	4½"	FSA5045F
	5"	FSA5050F
	6"	FSA5060F
6"	6"	FSA6060F



Storz x NPT Female

		_
Storz Size	NPT Female Thread	6061-T6 Forged Alumium Part #
41/1	1"	FSA1510T
1½"	1½"	FSA1515T
O.II	1½"	FSA2015T
2"	2"	FSA2020T
	1½"	FSA2515T
01/1	2"	FSA2520T
2½"	2½"	FSA2525T
	3"	FSA2530T
3"	3"	FSA3030T
	3"	FSA4030T
4"	4"	FSA4040T
	6"	FSA4060T
	3"	FSA5030T
5"	4"	FSA5040T
	5"	FSA5050T
	6"	FSA5060T
	4"	FSA6040T
6"	6"	FSA6060T
	· ·	1



Storz x NPSH Female

Storz Size	NPSH Female Thread	6061-T6 Forged Alumium Part #
1½"	1½"	FSA1515S
2"	1½"	FSA2015S
2½"	2½"	FSA2525S
4"	4"	FSA4040S



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 798

SFSA - Storz x Swivel Female Adapter - Rocker Lug / Long Handle

Features:

- anodized components per MIL-A-8625 Type III Class 1
- · Buna-N gaskets
- working pressure: 150 PSI at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz x NST (NH) Female Swivel



	` '	
Storz Size	NST (NH) Female Swivel Thread	6061-T6 Forged Alumium Part #
2½"	2½"	SFSA2525F
3"	2½"	SFSA3025F
	2½"	SFSA4025F
	3"	SFSA4030F
4"	4"	SFSA4040F
	4½"	SFSA4045F
	6"	SFSA4060F
	2½"	SFSA5025F
5"	4"	SFSA5040F
	4½"	SFSA5045F
	6"	SFSA5060F
6"	6"	SFSA6060F

Storz x NPSH Female



Storz Size	NPSH Female Swivel Thread	6061-T6 Forged Alumium Part #
2½"	2½"	SFSA2525S
3"	3"	SFSA3030S
4"	4"	SFSA4040S
5"	6"	SFSA5060S

Storz x NST (NH) Female Swivel - Long Handle



Storz Size	NST (NH) Female Swivel Thread	6061-T6 Forged Alumium Part #
4"	4½"	SFSA4045F-LH
5"	4"	SFSA5040F-LH
5"	4½"	SFSA5045F-LH
6"	6"	SFSA6060F-LH

DPL418

- All adapters are made to approved Dixon® specifications.
- · Replacement washers can be found on page 798

MSA - Storz x Rigid Male

Storz x NST (NH) Male

Storz Size	NST (NH) MaleThread	6061-T6 Forged Alumium Part #
1½"	1½"	MSA1515F
2"	1½"	MSA2015F
2½"	2½"	MSA2525F
3"	2½"	MSA3025F
	2½"	MSA4025F
4"	4"	MSA4040F
	4½"	MSA4045F
5"	2½"	MSA5025F
5	5"	MSA5050F



Storz x NPT Male

Storz Size	NPT Male Thread	6061-T6 Forged Alumium Part #
1½"	1½"	MSA1515T
2"	1½"	MSA2015T
	2"	MSA2520T
2½"	2½"	MSA2525T
	3"	MSA2530T
3"	3"	MSA3030T
4"	4½"	MSA4025T
4	4"	MSA4040T
5"	4"	MSA5040T
6"	6"	MSA6060T



Storz x NPSH Male

Storz Size	NPSH Male Thread	6061-T6 Forged Alumium Part #
1½"	1½"	MSA1515S
2"	1½"	MSA2015S



1½" x 1½"

[•] All adapters are made to approved Dixon® specifications.

SFSA30 - Storz x Female Swivel 30° Elbow - Rocker Lug

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: 150 PSI at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"
- screens available for 4" and 5" heads, consult Dixon® for information



Fire Fittings &

Storz Size	NST (NH) Female Swivel Thread	6061-T6 Forged Alumium Part #
4"	4" 5" 6"	SFSA30-4040F SFSA30-4050F SFSA30-4060F
5"	3" 4" 4½" 6"	SFSA30-5030F SFSA30-5040F SFSA30-5045F SFSA30-5060F

• Replacement washers can be found on page 798

SFSA30 - Storz x Female Swivel 30° Elbow - Long Handle

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: 150 PSI at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	NST (NH) Female Swivel Thread	6061-T6 Forged Alumium Part #
4"	4½" 5" 6"	SFSA30-4045F-LH SFSA30-4050F-LH SFSA30-4060F-LH

• Replacement washers can be found on page 798

NCS-CSF - 150 lbs. Carbon Steel Flange x Storz



150# Flange	Storz	Carbon Steel Part #
4"	5"	NCS-CSF-STZ450
	6"	NCS-CSF-STZ460
	4"	NCS-CSF-STZ540
5"	5"	NCS-CSF-STZ550
	6"	NCS-CSF-STZ560
	4"	NCS-CSF-STZ640
6"	5"	NCS-CSF-STZ650
	6"	NCS-CSF-STZ660

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

NCS-CSF - 150 lbs. Carbon Steel Flange x Storz with Cap



150# Flange	Storz	Carbon Steel Part #
5"	6"	NCS-CSF-STZ650C
6"	6"	NCS-CSF-STZ660C

• For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Tire Fittings Accessories

SSA - Storz x Storz Adapter

Features:

- anodized components per MIL-A-8625 Type III Class 1
- · Buna-N gaskets
- working pressure: 150 PSI at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Storz Size	6061-T6 Forged Alumium Part #
1½"	2"	SSA1520
1/2	2½"	SSA1525
	2½"	SSA2025
2"	3"	SSA2030
	4"	SSA2540
4"	5"	SSA4050
4	6"	SSA4060
5"	6"	SSA5060



SSA30 - Storz x Storz 30° Elbow Adapters

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: 150 PSI at 70°F (21°C)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Storz Size	6061-T6 Forged Alumium Part #
5"	5"	SSA30-550



Dixon Storz Hydrant Conversion Adapters

Features:

- designed to adapt 41/2" NH threads found on most hydrants to Storz connection
- secured to hydrant by 3 set screws positioned around the rim
- · hydrant side: metal face to seal to gasketed face on hose
- · reflective stripe around the rim for ease of night time location

Size	Part #
5" Storz x 41/2" NH (NST)	SHA5045F



Storz Accessories

Threaded Storz Mounting Plates (Bracket)



Storz Size	Anodized Aluminum Part #
1½" - 2½"	SMB1525
4" - 5"	SMB450

Storz Caps

Features:

- 4", 5", 6" supplied with cables
- $1\frac{1}{2}$ ", 2", $2\frac{1}{2}$ ", 3" supplied with chains

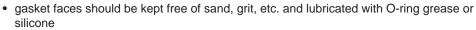


Storz Size	<i>Aluminum</i> Part #
1½"	SC150-NL
2"	SC200-NL
2½"	SC250-NL
3"	SC300-NL
4"	SC400-NL
4" ABS	SC400ABS1
5"	SC500-NL
5" ABS	SC500ABS1
6"	SC600-NL

¹ ABS includes airbleeder/petcock

Storz Gaskets

Features:





- pressure seals have a flat face
- suction seals have a beaded face

Storz Size	<i>Buna-N</i> Pressure Part #	<i>Buna-N</i> Suction Part #
1½"	SGS150-NL ¹	SGS150-NL
2"	SGP200	SGS200-NL
2½"	SGP250	SGS250-NL
3"	SGP300	SGS300-NL
4"	SGP400	SGS400-NL
5"	SGP500	SGS500-NL
6"	SGS600-NL 1	SGS600-NL

¹ gasket can be used for both pressure and suction service

Storz Locking Device



pressure seal (black)

suction seal (grey)

Description	Part #
metal locking device used on 4" and 5" Storz heads with spring, screw and washer	LOCKINGDEVICE
metal locking device used on 6" Storz heads with spring, screw and washer	LOCKINGDEVICE6



Wrenches Universal Spanner

Features:

- for 3/4" to 3" pin lug and rocker lug couplings
- · includes gas cock shutoff, pry bar and belt hook eye
- overall length 11%"

Aluminum	Pkg
Part #	Qty
USW	25



Universal

Features:

- for pin lug or rocker lug couplings 1" 41/2"
- a gas cock shutoff is provided in the handle
- red epoxy painted
- overall length 11¾"

Iron
Part #
233



Hole Type Spanner

Features:

- designed for use on ¾" and 1" booster hose couplings
- overall length is 7½"





Storz Hydrant

Features:

- fits 4" and 5" Storz
- · ductile iron head
- knurled chrome plated handle
- manganese bronze adjustable jaw
- includes adjustable hydrant nut wrench



Part #		
SAHW		

Folding Pocket Spanner

Features:

- for pentagon nuts up to 13/4"
- built-in spanner for pin or rocker lug couplings
- overall length 161/4"

Material	Part#	
aluminum	PSW	
brass	PSW-B	
die cast zinc	PSW-Z	
yellow plastic	PSW-Y	



Adjustable Hydrant

Features:

- fits 3/4" to 3" rocker lug and pin lug couplings
- · a compact wrench easily carried in your jacket pocket

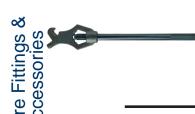
Aluminum	Pkg
Part #	Qty
AHW	20





Wrenches

Pigtail Adjustable Hydrant



Feature:

double spanner head fits pin lug or rocker (sensible) lug couplings, pentagon nuts up to 1½" from point to flat, 1½" - 6" rocker lug caps, 2" - 4½" pin lug caps, and square nuts up to 1½"

Part #

AHWPT

Heavy Duty Adjustable Hydrant

Features:

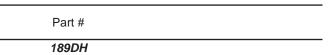
- for pentagon hydrant nuts up to 13/4" from point to flat
- notched to fit 11/4" square hydrant nut
- spanner for pin lug and sensible (rocker) lug couplings, 11/2" thru 6"
- plated iron head, ½" plated steel handle
- overall length 18"

Part #	Pkg Qty
189	15

Double Head Adjustable Hydrant

Features:

- for pentagon hydrant nuts up to 1%" and square heads up to 1½"
- fits 3/4" 6" rocker lug or pin lug couplings, can also be used for long handle couplings
- ductile iron head with a deeply knurled chrome plated steel handle
- replaceable adjustable jaw is made of manganese bronze
- overall length 191/2"



5 Hole Hydrant

Features:

- 5 pentagon holes designed to fit common hydrant nut sizes
- built-in spanner for pin or rocker lug couplings
- overall length: 141/4"

	Pkg Qty
PHW	25

Grip-All Spanner

Features:

- fits 3/4" 6" split lug, rocker lug and pin lug couplings
- can be operated in tight quarters
- gas cock shutoff is provided in the handle, handle is shaped to fit your hand allowing a positive grip on the coupling

Aluminum
Part #
GAW









Wrenches

Hydrant

Application:

· used for hydrant work by water works companies and on construction sites

Features:

- overal length 15"
- fits up to 4" pin lug or rocker lug couplings
- complete with pry bar
- 11/4" square hydrant wrench



A356 Aluminum Part #

i dit n

DF16-180

Features:

- fits up to 21/2" pin lug or rocker lug couplings
- complete with pry bar and 11/4" nut wrench
- lug / drum wrench



DF16-181



Long Handle Suction Spanner

Features:

- use on long handle, rocker lug, or pin lug couplings from 2½" 6"
- open end slips over long handles for additional leverage, the claw fits rocker lugs or pin lugs, the other end can be used as a pry or crowbar
- inverted "T" body construction for lighter weight and improved strength
- can be used on Dixon[®] cam and groove pin lug or trapezoidal lug tank car adapters or 8" pin lug couplings
- overall length 18¾"





Forestry Hose Clamp and Spanner

Features:

- · material: cast aluminum and brass
- off-set handle enables the user to easily operate the clamp while wearing gloves
- to be used with lightweight 1" and 11/2" hoses for pressures up to 200 PSI
- when clamped onto the hose the brass locking device safely holds the clamp in position, a spanner is an integral part of the clamp
- overall length 10"



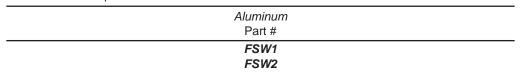
Cast Aluminum Part #

FHCS150

Forestry Pocket Spanners

Features:

- FSW1: for use on 1" hoses only
- FSW2: for 1" and 11/2" hose couplings
- overall length 5"
- meets USFDA specification 5100-101C





DPL418

Storz Wrenches

Pin Lug Spanner - Single End



Size	Plated Iron Part #
2" 2½" 3" 4" 6"	SW20 SW25 SW30 SW40 SW60

Pin Lug Spanner - Double End



Size	Plated Iron Part #	
1½", 2" x 2½", 3"	SW153	

Spanner - Single End



Features:

- SW1530 fits 1½" 3" Storz
- SZW2 for use on 4" and 6" Storz



Size	AL-MAG 35 Part #	
1½" - 3"	SW1530	
4" - 6"	SZW2	

Spanner -Double End



Used On	Material	Part #
2" - 5"	aluminum	SZW2-NL
2" - 5"	steel	SW-S400

Holder with (2) Wrenches - Double Ended



Description	Material	Part #
2 Storz wrenches (2½" - 5") with bracket	aluminum	SWB-2
2 Storz wrenches (2½" - 5") with bracket	steel	SWB-S-2
4 Storz wrenches (2½" - 5") with bracket	steel	SWB-S-4

Long Handle Short Shank Suction Hose Females

Features:

- · powder coated aluminum swivel nut
- · for suction and low pressure discharge only

Female Swivel NST (NH)	Hose Size	Powder Coated Aluminum Part #		
4"	4"	LHFS400F		
4½"	4"	LHFS4045F		



Angle and Suction Elbows

Features:

- · for use on pump discharge valves, or suction inlets to minimize hose kinking
- · rocker lug swivel
- · satin brass finish
- · -C polished chrome plated

Male NST (NH) Thread	Female NST (NH) Thread	Angle	<i>Brass</i> Part #
		30°	RSE30250F-C
		45°	RSE45250F
2½"	2½"	45° RSE45250F-C 90° RSE90250F	RSE45250F-C
			RSE90250F
		90°	RSE90250F-C





45° elbow

Continuous Swivel Elbows

Features:

- · allows hose to swing when connected
- full waterway reduces friction loss
- short style radius is 21/2" measured from the center of the waterway to the end of the discharge thread

Female NPT Thread	Male Thread	Length	Cast Brass Part #
1½"	1½" NST (NH)	2½"	CSES150F
2"	1½" NST (NH)	2½"	CSES2015F
1½"	1½" NPT	2½"	CSES150T



Dixon® Angle and Suction Elbows N54

Features:

- · ideal for fire apparatus with front suction connections
- anodized, powder coated aluminum, extruded
- · anodized female swivel connections

Male NST (NH) Thread	Female NST (NH) Swivel Thread	Angle	<i>Aluminum</i> Part #
2½"	2½"	30° 45° 60° 90°	N5430-25F25F N5445-25F25F N5460-25F25F N5490-25F25F



90° elbow

[•] Replacement washers can be found on page 785

Pump Test Headers

Fire Fittings & Accessories



flanged

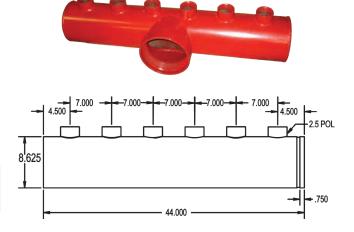
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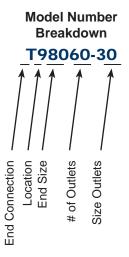
- available connections: grooved, flanged and threaded
- certified D1, G1, G6
- other sizes, configurations available, consult Dixon® for information

3.250
grooved

End Connection	End Size	# of Outlets	Pump Size Max. GPM	Part #
	3"	1	300	HVF0301-25
	4"	2	500	HVF0402-25
150# flanged	6"	3	750	HVF0603-25
150# flanged	6"	4	1000	HVF0604-25
	6"	6	1000	HVF0606-25
	8"	6	2000	HVF0806-25
	6"	3	750	HVG0603-25
arooyod	6"	4	1000	HVG0604-25
grooved	8"	3	750	HVG0803-25
	8"	6	2000	HVG0806-25

Manifolds





End Connection		Loca	ation	End	Size	# of C	Outlets	С	outlet Size
Т	threaded	E	End	40	4"	20	2	25	2½" FNPT
G	grooved	В	Back	60	6"	30	3	30	3" FNPT
F	flanged	9	90°	80	8"	40	4		
						60	6		

UL)

Two Way Male Outlet - Roof Connections

Features:

- Used to create roof connections, fire pump test connections, wall hydrants or sidewalk (free standing) hydrants
- provides 250 GPM minimum per outlet
- UL listed
- maximum operating pressure: 175 PSI at 70°F (21°C)
- other configurations are available, contact Dixon® for additional information

		back outlet
Pipe Size	(2) Outlets Male	<i>Cast Brass</i> Part #
4"	2½" NPT 2½" NPT 2½" NST (NH) 2½" NST (NH)	IRC4025 FRC4025 IRC4025F FRC4025F
6"	2½" NPT 2½" NST (NH)	FRC6025 FRC6025F

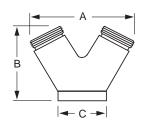


Groove Size	(2) Outlets Male	Cast Brass Part #
4"	21/2" NST (NH)	IRC4025GF



Dimensions

Size	А	В	С
4" x 2½" x 2½"	7-7/8"	5-3/16"	5-1/4"
6" x 2½" x 2½"	8-3/16"	6-3/8"	7-5/8"



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805

DPL418 877.963.4966 • dixonvalve.com



Two Way Male Outlet - Roof Connections

Features:

- Used to create roof connections, fire pump test connections, wall hydrants or sidewalk (free standing) hydrants
- provides 250 GPM minimum per outlet
- UL listed
- maximum operating pressure: 175 PSI at 70°F (21°C)

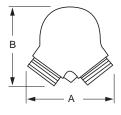
90° bottom outlet

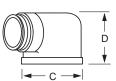


Pipe Size	(2) Outlets Male	Cast Brass Part #
4"	2½" NPT 2½" NPT 2½" NST (NH) 2½" NST (NH)	90IRC4025 90FRC4025 90IRC4025F 90FRC4025F
6"	2½" NPT 2½" NST (NH)	90FRC6025 90FRC6025F



Groove Size	(2) Outlets Male	<i>Cast Brass</i> Part #
4"	2½" NPT 2½" NST(NH)	90IRC4025G 90IRC4025GF





Size	А	В	С	D
4" x 2½" x 2½"	7½"	6¾"	51/8"	4½"
6" x 2½" x 2½"	9"	8½"	7½"	5"



Fire Fittings Accessories

Three Way Male Outlet - Roof Connections

Features:

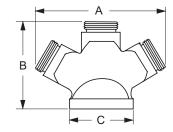
- used to create roof connections, or fire pump test connections
- provides 250 GPM minimum per outlet

	back outlet		
Pipe Size	(3) Outlets Male	Cast Brass Part #	
4"	2½" NPT	FR3C4025	
6"	2½" NPT 2½" NST (NH)	FR3C6025 FR3C6025F	



Dimensions

Size	А	В	С
4" x 2½" x 2½" x 2½"	12¾"	8¾"	5¼"
6" x 2½" x 2½" x 2½"	15%"	9¾"	7⁵⁄8"



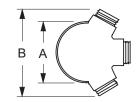
bottom outlet

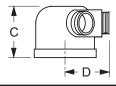
Pipe Size	(3) Outlets Male	Cast Brass Part #
4"	2½" NPT 2½" NST (NH)	90FR3C4025 90FR3C4025F
6"	2½" NPT 2½" NST (NH)	90FR3C6025 90FR3C6025F



Dimensions

Size	А	В	С	D
4" x 2½" x 2½" x 2½"	7¾"	11¾"	4-7/16"	6¼"
6" x 2½" x 2½" x 2½"	7¾"	11¾"	4-7/16"	6¼"





Sleeve for Sidewalk (free standing) Connections

Features:

- used in conjunction with a sidewalk escutcheon and a 90° double clapper Siamese to create a sidewalk (free standing) fire department connection
- finishes: -P polished, -C polished chrome plated

Pipe Size	Length	Brass Part #
	18"	SS418-P
4"	18"	SS418-C
4	24"	SS424-P
	24"	SS424-C
	18"	SS618-P
6"	18"	SS618-C
0	24"	SS624-P
	24"	SS624-C



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Single Clapper Siamese Connections

Features:

- single swing clapper with (2) pin lug swivel inlets
- provides 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply (250 GPM minimum per inlet)
- design provides unobstructed waterway
- exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes
- · branding: Auto-Spkr
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: 250 PSI at 70°F (21°C)
- replacement swivels can be ordered on page 792







Feature:

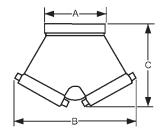
· UL listed and FM approved



Outlet	(2) Inlets	Cast Brass
Female NPT Thread	Female Thread	Part #
4"	2½" NST (NH)	SCS4025F
4"	2½" NST (NH)	ISCS4025F1

¹ imported

Dimensions



Size	Size A		С
4" x 2½" x 2½"	51/8"	9"	6-1/16"

dimensions match SCS4025F and SCS4025NYFD





bottom outlet

Feature:





Outlet	(2) Inlets	Cast Brass
Female NPT Thread	Female Thread	Part #
4"	2½" NST (NH)	90SCS4025F
4"	2½" NST (NH)	90ISCS4025F1

1 imported

Dimensions

Size	А	В
4" x 2½" x 2½"	67/8"	97/8"

dimensions match 90SCS4025F, and 90SCS4025NYFD

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Accessories

Double Clapper Siamese Connections

Features:

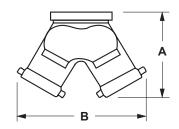
- double drop clapper with (2) pin lug swivel inlets provides required 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply (250 GPM minimum per inlet)
- exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes
- maximum operating pressure: 175 PSI at 70°F (21°C)
- finish: -P polished or -C polished chrome plated
- UL listed and FM approved

			back outlet
Outlet Female NPT Thread	(2) Inlets Female Thread	Branding	Cast Brass Part #
		AutoSprinkler	DCS4025F
		AutoSprinkler	DCS4025F-P
	21/2" NST(NH)	AutoSprinkler	DCS4025F-C
4"	, ,	StandPipe	DCS4025F-SP
		No Branding	DCS4025F-NB
	3" NST(NH)	AutoSprinkler	DCS4030F
3" NYF	3" NYFD	AutoSprinkler	DCS4030NYFD
6"	2½" NST(NH)	AutoSprinkler	DCS6025F
O	21/2" NST(NH)	StandPipe	DCS6025F-SP



Dimensions

Size	А	В
4" x 2½" x 2½"	95/8"	12¼"
6" x 2½" x 2½"	10¼"	11¾"
4" x 3" x 3"	10"	12½"
6" x 3" x 3"	10¾s"	12½"

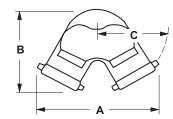


bottom outlet

Outlet Female NPT Thread	(2) Inlets Female Thread	Branding	Cast Brass Part #
		AutoSprinkler	90DCS4025F
		AutoSprinkler	90DCS4025F-P
	21/2" NST(NH)	AutoSprinkler	90DCS4025F-C
4"		StandPipe	90DCS4025F-SP
4		No Branding	90DCS4025F-NB
	3" NST(NH)	AutoSprinkler	90DCS4030F
	3" NYFD	AutoSprinkler	90DCS4030NYFD
	3 NIFD	StandPipe	90DCS4030NYFDSP
6" 2½" NST(NH) 3" NYFD	21/ " NIST/NILL\	AutoSprinkler	90DCS6025F
	2/2 INOT(INT)	StandPipe	90DCS6025F-SP
	AutoSprinkler	90DCS6030NYFD	



Size	А	В	С
4" x 2½" x 2½"	11¾"	95/8"	71/4"
6" x 2½" x 2½"	11¾"	10¾"	71/4"
4" x 3" x 3"	12½"	101/%"	7½"
6" x 3" x 3"	12¼"	10%"	7¼"



- special threads, branding and finishes are available, consult Dixon® for information
- replacement swivels can be ordered on page 792

Fire Fittings & Accessories

Triple Clapper Siamese Connections

Features:

- branding: see below
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: 175 PSI at 70°F (21°C)

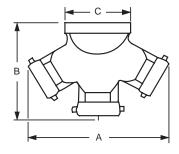


Outlet Female NPT Thread	(3) Inlets Female NST (NH) Thread	Branding	Cast Brass Part #
4"	2½"	AutoSprinkler StandPipe No Branding	TCS4025F TCS4025F-SP TCS4025F-NB
6"	2½"	AutoSprinkler StandPipe No Branding	TCS6025F TCS6025F-SP TCS6025F-NB



polished

Dimensions

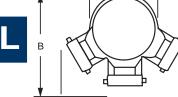


Size	А	В	С
4" x 2½" x 2½" x 2½"	13¾"	10½"	5"
6" x 2½" x 2½" x 2½"	13¾"	10½"	7½"

bottom outlet



	Outlet Female NPT Thread	(3) Inlets Female NST (NH) Thread	Branding	Cast Brass Part #
_	4"	2½"	AutoSprinkler	90TCS4025F
	4 2/2	No Branding	90TCS4025F-NB	
	6"	2½"	AutoSprinkler	90TCS6025F
	O	Z/2	No Branding	90TCS6025F-NB



Size	А	В	С
4" x 2½" x 2½" x 2½"	14½"	11½"	75/8"
6" x 2½" x 2½" x 2½"	14½"	11½"	75/8"

- special threads, branding and finishes are available, consult Dixon® for information
- replacement swivels can be ordered on page 792

Reversible Concealed Angle Siamese Body



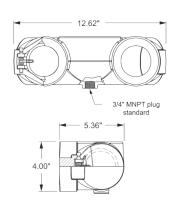




Features:

- fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- approved by New York City Board of Standards and Appeals
- maximum operating pressure: 250 PSI at 70°F (21°C)
- bodies require wall plate WP2 see page 814

Outlet	(2) Inlets	<i>Brass</i>
Female NPT Thread	Female NPT Thread	Part #
4"	2½"	4025REV90
4"	3"	4030REV90



Reversible Concealed Angle Siamese Body

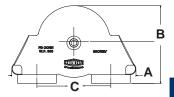
Features:

- fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- replaces 23-391 bodies
- maximum operating pressure: 250 PSI at 70°F (21°C)

Outlet	(2) Inlets	<i>Brass</i>
Female NPT Thread	Female NPT Thread	Part #
5"	2½"	90CREV5025
5"	3"	90CREV5030
6"	2½"	90CREV6025
6"	3"	90CREV6030



Size	А	В	С
5" x 3" x 3"	12"	9½"	75/8"
6" x 2½" x 2½"	12"	7¼"	7 ⁵ / ₈ "
6" x 3" x 3"	12"	9½"	75/8"





Concealed Two - Way Wall Hydrant Body

Features:

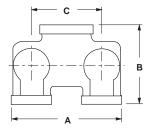
- provides 500 GPM minimums at 250 GPM per inlet (ref NFPA 14)
- drop clappers provide unobstructed waterway
- flush design is desirable when appearance is a factor
- UL listed
- double clapper
- 75/8" center-line
- bodies require wall plate WP2 (24-385), see page 814

back outlet



Outlet	(2) Inlets	Brass
Female NPT Thread	Female NPT Thread	Part #
4"	2½"	CDMHCB40225
4"	3"	CDMHCB40230
5"	3"	CDMHCB50230
6"	2½"	CDMHCB60225
6"	3"	CDMHCB60230

Dimensions

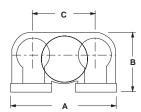


Size	А	В	С
4" x 2½" x 2½"	11-1/8"	6"	75%"
4" x 3" x 3"	12-1/4"	8-1/8"	75%"
5" x 3" x 3"	11-13/16"	7-5/16"	75/8"
6" x 2½" x 2½"	11-1/8"	7-3/8"	75/8"
6" x 3" x 3"	12-1/4"	8-1/4"	75/8"

bottom outlet



Outlet	(2) Inlets	Brass
Female NPT Thread	Female NPT Thread	Part #
5"	3"	90CDMHCB50230
6"	2½"	90CDMHCB60225
6"	3"	90CDMHCB60230



Size	А	В	С
5" x 3" x 3"	12"	9½"	75/8"
6" x 2½" x 2½"	12"	71/4"	7 ⁵ ⁄8"
6" x 3" x 3"	12"	9½"	7 ⁵ /8"

Spring Check Type Snoots - Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- other configurations are also available, consult Dixon® for information
- maximum operating pressure: 175 PSI at 70°F (21°C)

female outlet

Features:

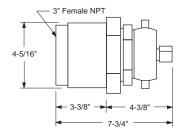
- · female NPT rigid with hexagon by female hose thread to swivel
- connections are attached to the bodies with pipe nipples (not included)

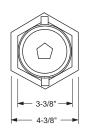
Outlet Female	Inlet Female	Cast Brass
NPT Thread	NST (NH) Thread	Part #
3"	2½"	CSSTF25F30T-P
3"	2½"	CSSTF25F30T-C
3"	3"	CSSTF30F30T-P



polished chrome plated

Dimensions





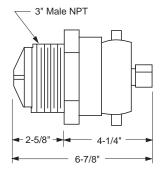
male outlet

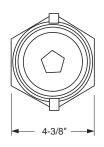
Features:

- finishes: -P polished, -C polished chrome plated
- male NPT x 21/2" female hose thread to swivel
- · used when a direct connection to bodies is desired

Outlet Male	Inlet Female	Cast Brass
NPT Thread	NST (NH) Thread	Part #
3"	2½" 2½" 3" 3"	CSSTM25F30T-P CSSTM25F30T-C CSSTM30F30T-P CSSTM30F30T-C

Dimensions







polished

Under no circumstances should a check snoot be installed directly into a pipe, as this
may prevent the snoot from opening. Install directly into the appropriate standpipe
body only.





Fire Fittings & Accessories



polished chrome plated



polished

Clapper Type Snoots - Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- other sizes and threads are available, consult Dixon® for information

Outlet Female NPT Thread	Inlet Female NST (NH) Thread	Cast Brass Part #
3"	2½"	CSCTF25F30T-P
3"	2½"	CSCTF25F30T-C

Cast Brass	Inlet	Outlet
Part #	Female NST (NH)	Male NPT
CSCTM25F30T-P	2½"	3"
CSCTM25F30T-C	2½"	3"

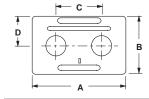
Wall Plate for Double Clapper Siamese Assemblies

Features:

- finishes: -P polished, -C polished chrome plated
- 4-hole and 6-hole wall plates available, consult Dixon® for information



Hole Size	Branding	<i>Brass</i> Part #
	AutoSprinkler	WP2HAS-P
	AutoSprinkler	WP2HAS-C
	StandPipe	WP2HSP-P
3¾"	StandPipe	WP2HSP-C
	AutoSprinkler StandPipe Combo	WP2H-ASSP-P
	AutoSprinkler StandPipe Combo	WP2H-ASSP-C
	Hydrant	WP2H-HY-P
	PumpTest	WP2H-PT-P
	PumpTest	WP2H-PT-C



	Dimension	ıs		
Hole Size	А	В	С	D
33/8"	14"	8"	75/8"	4-15/16"

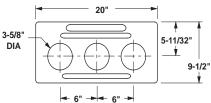
Wall Plate for Concealed Three Way Bodies

Features:

- finishes: -P polished, -C polished chrome plated
- 4-hole and 6-hole wall plates available, consult Dixon® for information



Hole Size	Positioned	Branding	<i>Brass</i> Part #
	Horizontal	AutoSprinkler	WP3HAS-P
35/8"	Horizontal	AutoSprinkler	WP3HAS-C
378	Horizontal	StandPipe	WP3HSP-P
	Horizontal	StandPipe	WP3HSP-C





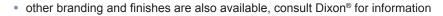


Double Clapper Concealed Type Siamese Assemblies (U)C

Features:

- fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- branded: 'standpipe', 'auto-spkr', 'auto-spkr.-standpipe'
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: 250 PSI
- complete unit consisting of the following six parts: (1) 4025REV90, or 4030REV90, or 90CREV6025, (1) 24-385 plate, (2) 23-270 double female connections, (2) 17-127 plugs with

Outlet Female NPT Thread	(2) Inlets Female NST (NH) Thread	Branding	Cast Brass Part #
4"	2½"	AutoSprinkler	2WCA4025F-P
4"	2½"	StandPipe	2WCA4025F-SP-P
4"	2½"	AutoSprinkler	2WCA4025F-C
4"	2½"	StandPipe	2WCA4025F-SP-C
4"	3"	AutoSprinkler	2WCA4030F-P
6"	2½"	AutoSprinkler	2WCA6025F-P
6"	2½"	StandPipe	2WCA6025F-SP-P
6"	2½"	AutoSprinkler	2WCA6025F-C
6"	2½"	StandPipe	2WCA6025F-SP-C







Two Way Sidewalk Siamese Assemblies







Features:

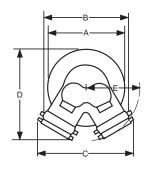
- UL listed, FM approved
- finishes: -P polished or -C polished chrome plated
- complete unit consists of: (1) 21-133 90° Siamese body, double clapper, (2) 17-127 pin lug plugs with chains, (1) 23-404 sleeve, (1) 24-405 escutcheon plate

Outlet	(2) Inlets	Cast Brass
Female NPT Thread	Female Thread	Part #
4"	2½"	2WSA4025F
4"	2½"	2WSA4025F-SP
6"	2½"	2WSA6025F
6"	2½"	2WSA6025F-SP

Dimensions

Size	А	В	С	Е	F
4" x 2½" x 2½"	9¼"	10¾"	10¾"	10¾"	65/8"
6" x 2½" x 2½"	11¼"	10½"	11¾"	13"	71/4"

Note: some components UL listed/FM approved, not entire assembly



Single Inlet Residential Sprinkler Connection

Application:

 complete single inlet connection (exposed type) used on residential automatic sprinkler systems

Features:

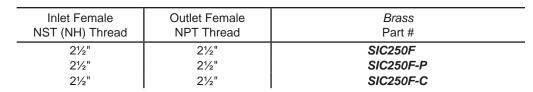
complete unit consists of: (1) 17-127 1½" pin lug plug with chain and (1) 24-209 4-7/16" OD round escutcheon plate with swivel

Inlet Female	Outlet Female	Cast Brass
NST (NH) Thread	NPT Thread	Part #
1½"	1½"	RIC150F

Single Inlet Connections

Features:

- provides a complete exposed single inlet connection
- finish: -P polished or -C polished chrome plated
- complete unit consists of: (1) 24-209 round plate branded Auto Sprinkler,
 (1) 23-270 double female or 09-215 male and female connection, (1) 17-127 pin lug plug with chain
- rigid hexagon end of either connection is 2½" NPT
- swivel end





Features:

- finish: -P polished or -C polished chrome plated
- complete unit consists of: (1) 24-209 round plate branded 'Wall Hydrant', (1) 23-272: 2½" female and male connection, (1) 17-126 cap with chain

-	NPT Thread 2½"	NST (NH) Thread	Part # MOCA250F
	Inlet Female	Outlet Male	Cast Brass

Exposed Two Way Wall Hydrants

Features.

- finish: -P polished or -C polished chrome plated
- DMOCA40225F consists of: (1) REP400HY round plate branded 'Wall Hydrant', (1) FRC4025F: 2½" female and male connection, (2) FC250F cap with chain
- DMOCA60225F consists of: (1) REP600HY round plate branded 'Wall Hydrant'
 (1) FRC6025F: 2½" female and male connection, (2) FC250F cap with chain

•	Inlet Female NPT Thread	(2) Outlets Male NST (NH) Thread	<i>Cast Brass</i> Part #
	4"	2½"	DMOCA40225F
	6"	2½"	DMOCA60225F





Fire Fittings & Accessories

Round Identification Plates

Features:

- used to trim out and identify exposed fire department connections
 for Siamese, made in 9½" diameter for 4" pipe and 11½" diameter for 6" pipe
- finishes: -P polished, -C polished chrome plated

Pipe Size	Branding	Cast Brass Part #
	Auto-Sprinkler	REP250AS
	Auto-Sprinkler	REP250AS-P
	Auto-Sprinkler	REP250AS-C
01/"	Wall Hydrant	REP250HY
2½"	Pump Test	REP250PT
	Standpipe	REP250SP
	Standpipe	REP250SP-P
	Standpipe	REP250SP-C
	Auto-Sprinkler	AREP400AS 1
	Auto-Sprinkler	REP400AS
	Auto-Sprinkler	REP400AS-P
	Auto-Sprinkler	REP400AS-C
4"	Wall Hydrant	REP400HY
	Standpipe	REP400SP
	Standpipe	REP400SP-P
	Standpipe	REP400SP-C
	Auto-Sprinkler & Standpipe	REP400AS/SP
	Auto-Sprinkler	REP600AS
	Auto-Sprinkler	REP600AS-P
0"	Auto-Sprinkler	REP600AS-C
6"	Standpipe	REP600SP
	Standpipe	REP600SP-P
	Standpipe	REP600SP-C

¹ aluminum

Size	OD	Hole Size
2½"	75/8"	3½"
4"	91/4"	45%"
6"	111/4"	6¾"



REP250AS-C



REP250AS-P



REP400AS



British Instantaneous Fittings

Features:

- · polished finish
- meets BS336 specifications

Female x female threads



Female BRIT Thread	Female Thread	<i>Brass</i> Part #
2½"	2½" NST (NH) 2½" NPT	BID250F BID250T

Female x male threads



Female BRIT Thread	Male Thread	<i>Brass</i> Part #
2½"	2½" NST (NH) 2½" NPT	BIB250F BIB250T

Male x female threads



Male BRIT Thread	Female Thread	<i>Brass</i> Part #
2½"	2½" NST (NH) 2½" NPT	BIA250F BIA250T

Male x male threads



_	Male BRIT Thread	Male Thread	<i>Brass</i> Part #
	2½"	2½" NST (NH) 2½" NPT	BIF250F BIF250T

L

British Instantaneous Fittings

Hose Shanks

Size	<i>Brass</i> Part #
21/2" male BRIT x 11/2" hose shank	BIE150
21/2" male BRIT x 21/2" hose shank	BIE250
2½" female BRIT x 1½" hose shank	BIC150
2½" female BRIT x 2½" hose shank	BIC250



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	Plug
Size	Brass Part #
2½"	BIDP250



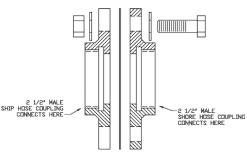
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Size	Brass Part #
2½"	BIDC250



International Shore Connections







Features:

- meets US Coast Guard specifications for vessels 1000 gross tons or more
- makes possible the connection of two different threads between ship and shore or between ships
- 7" OD brass flange with 4¾" holes
- includes 8 washers, 4 hexagon brass nuts, 4 hex head bolts, 1 washer, 1 fiber gasket
- working pressure: 300 PSI
- NST (NH) threads standard, also available in NPT and NYFD threads

Description	<i>Brass</i> Part #
shore side	09-318-00001
ship side	09-319-00001



shore side



ship side

Pick Head Fire Axe



Features:

- red trim
- 36" hickory handle
- listed in the minimum requirements approval guides for outfitting hose houses and hose cabinets by insurance underwriters

Description	Part #	
6 lb. axe	PHFA6	
axe brackets	PHFA-B-A	









Feature:

• installs on the last sprinkler head on system branch lines and controls water flow for flushing or testing the system

Inlet	Outlet	<i>Bra</i> ss Part #	
1" female NPT	1" male NPSH	SLT10050	

Domestic Cast Angle Valves







Features:

- UL listed and FM approved
- aluminum hand wheel
- working pressure: 300 PSI at 70°F (21°C)

Female x Male

Inlet Female NPT	Outlet Male Thread	Cast Brass Part #
	1½" NST (NH)	AV150
1½"	1½" NPSH	AV150S
	1½" NPT	AV150T
2½"	2½" NST (NH)	AV250
Z/2	2½" NYFD	AV250NYFD 1



Female x Female

Inlet	Outlet	Cast Brass
Female NPT	Female NPT	Part #
1½"	1½"	AVF150
2½"	2½"	AVF250

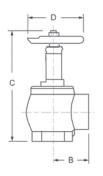


Replacement Parts

Description	Part #
aluminum handwheel for 1½" valve	AV150-W
aluminum handwheel for 21/2" valve	AV250-W
handwheel nut for 1½" valve	AV150-N
handwheel nut for 21/2" valve	AV250-N
valve seal rubber for 1½" valve	AV150-RBR
valve seal rubber for 2½" valve	AV250-RBR



Size	А	В	C closed	C open	D	F
1½"	2-11/64"	2-7/32"	6%"	7-21/32"	3¾"	2-13/16"
21/2"	3-3/16"	3-3/16"	9¼"	11"	5"	3-19/32"





¹ supplied with red hand wheel



Grooved Angle Valves

Application:

· commercial fire protection

Features:

- made in the USA
- · easy for contractor to install
- groove inlet
- · Buna-N gasket
- working pressure: 300 PSI at 70°F (21°C)
- · UL listed, FM approved, ULC approved

Description	Cast Brass Part #	
groove x male	AVG250F	
groove x groove	AVG250G	
groove x female	AVGF250	



500# Angle Hose Valves

Applications:

 fire department, gravity and pressure tank connections, test connections, and public water supplies to sprinkler and standpipe systems where it is necessary to access the system for a fire hose connection

Features:

- designed and approved to manage 500 PSI pressures in piping systems
- red handwheel
- FM approved
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- maximum operating pressure: 500 PSI at 70°F (21°C)



Female x Male

Inlet	Outlet	Cast Brass
Female NPT	Male Thread	Part #
2½"	2½" NST (NH)	AV5-250F
2½"	2½" NYFD	AV5-250NYFD



Female x Female

•	Inlet	Outlet	Cast Brass	
	Female NPT	Female NPT	Part #	
	2½"	2½"	AVF5-250	





Fire Fittings Accessories

Global Cast Angle Valves

Features:

- · NPT inlet thread only
- aluminum handwheel
- working pressure: 300 PSI at 70°F (21°C)
- UL listed and FM approved
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- · available finishes:

cast (standard)

polished: -P

chrome: -C

minimum quantity for special thread, consult Dixon®

Female Inlet

Inlet Female NPT	Outlet Male Thread	Cast Yellow DZR Brass Part #
1½"	1½" male NST (NH)	AV150-I
2½"	2½" male NST (NH)	AV250-I
2½"	2½" MNYFD	AV250NYFD-I



Double Female

Features:

- NPT inlet and outlet
- · aluminum handwheel
- working pressure: 300 PSI at 70°F (21°C)
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- available finish:

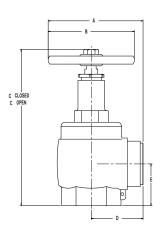
cast (standard)

polished = -P chrome = -C

Inlet	Outlet	Cast Yellow DZR Brass	
Female NPT	Female NPT	Part #	
1½"	1½"	AVF150-I	
2½"	2½"	AVF250-I	



Size	А	В	C closed	C open	D	Е	Wt. in Lbs.
1½"	4.13"	3.75"	6.80"	7.78"	2.25"	1.81"	4.4
21/2"	5.69"	5.00"	9.00"	10.72"	3.19"	2.59"	9.5







Global Forged Angle Hose Valves

Features

- to be used with a fire hose rack assembly, or as a fire department outlet connection
- UL listed and FM approved
- red steel handwheel
- maximum operating pressure: 300 PSI at 70°F (21°C)
- polished or chrome plated parts with other outlet threads are also available, consult Dixon[®] for information



Female x Male

Inlet Female NPT	Outlet Male Thread	Forged Brass Part #
1½"	1½" NST (NH)	AV151
	2½" NST (NH)	AV251
2½"	2½" NYC	AV251NYC
	2½" NYFD	AV251NYFD

Female x Female



Inlet	Outlet	Forged Brass
Female NPT	Female NPT	Part #
1½"	1½"	AVF151
2½"	2½"	AVF251

Replacement Parts





valve seal

Description	Part #
handwheel for 11/2" valve	AV151-WR
handwheel for 21/2" valve	AV251-WR
handwheel nut for 11/2" and 21/2" valve	AV251-N
valve seal rubber for 1½" valve	AV151-RBR
valve seal rubber for 2½" valve	AV251-RBR

824 877.963.4966 • dixonvalve.com DPL418

Fire Fittings Accessories

Non-rising Stem Wedge Disc Gate Valves

Features:

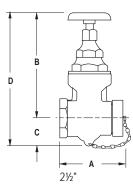
- red iron handwheel, with brass cap and chain
- · cap not included on the NYFD threaded valve and special threaded valves
- solid wedge disc with tapered seats
- 21/2" UL listed and FM approved
- FM approved
- working pressure: 300 PSI at 70°F (21°C)
- other configurations are available, contact Dixon® for additional information

Inlet Female NPT	Outlet Male Thread	UL Listed	Cast Brass Part #
1½"	11/2" NST (NH)	no	WDGV150F
2½"	21/2" NST (NH)	yes	WDGV250F
2½"	2½" NYFD	yes	WDGV250NYFD



Dimensions

Size	А	В	С	D
1½"	3-49/64"	5%"	11/8"	6%"
2½"	6"	10¾"	2½"	13¼"



Global Non-rising Stem Wedge Disc Gate Valves

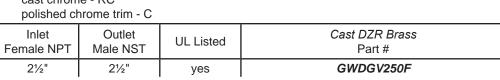
Features:

- working pressure: 300 PSI (2069 kPa)
- custom male thread available
- UL listed and FM approved
- non-rising stem
- · cast brass with solid wedge disc and tapered seats
- red iron wheel handle with cap and chain (cap not supplied on non-standard threads)
- alloy = DZR brass
- furnished with 21/2" NST brass cap and chain
- available finishes:

cast (standard)

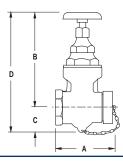
polished trim - P

cast chrome - RC





Size	А	В	С	D
2½"	5"	7¾"	2½"	10"







Fire Fittings & Accessories



Non-rising Stem Wedge Disc Gate Valves

Applications:

• for use on standpipes, fire pumps and hydrants

Features:

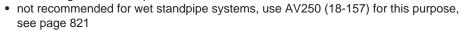
- · satin finish
- red handwheel
- · solid wedge disc with tapered seats
- straightway pattern
- UL listed and FM approved
- working pressure: 300 PSI at 70°F (21°C)

	nlet Outlet le NPT Male NST (NH)		Forged Brass Part #	
2½ 3	-	2½" 2½"		WDGV251F WDGV3025F

Rising Stem Wedge Disc Gate Valves

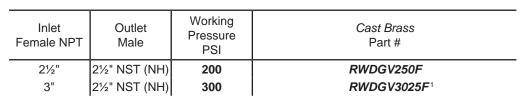
Features:

- red iron handwheel, with brass cap and chain
- · solid wedge disc with tapered seats

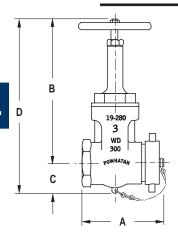




• other configurations are available, contact Dixon® for additional information



¹ UL listed



Size	А	B closed	С	D closed	D open
21/2"	6½"	11	2½"	13½"	16¼"
3" x 2½"	6-3/16"	11	2½"	13½"	16¼"

(UL)

Single Hydrant Gate Valves with Hand Wheel

Application:

• used to throttle the flow from a fire hydrant preventing damage to the hydrant

Features:

- · O-ring seal
- UL listed
- for use on standpipes and fire pumps where UL listing is required
- maximum operating pressure: 175 PSI (water only) at 70°F (21°C)
- other configurations are available, contact Dixon® for additional information

Inlet Female	Outlet Male	Cast Red Brass Part #
21/2" NST (NH)	21/2" NST (NH)	UHGV250F
2½" NST (NH)	21/2" NST (NH)	UHGV250F-D





Replacement Part

handwhool	UHGV250-W
Description	Part #



Single Hydrant Gate Valves with Speed Handle

Application:

used to throttle the flow from a fire hydrant preventing damage to the hydrant

Features:

- pin lug swivel, non-rising stem, aluminum speed handle
- rubber seal
- for use on hydrants, standpipes, and fire pumps
- maximum operating pressure: 175 PSI (water only) at 70°F (21°C)
- other configurations are available, contact Dixon® for additional information

Inlet Female	Outlet Male	Cast Red Brass Part #
2½" NST (NH)	2½" NST (NH)	HGV250F
21/2" NST (NH)	2½" NST (NH)	HGV250F-D
21/2" NST (NH)	2½" NPSH	HGV250



Replacement Part

Description	<i>Aluminum</i> Part #
speed handle	HGV250-H







Fire Fittings & Accessories



Single Hydrant Gate Valves with Handwheel

Application:

· protects fire hydrants from damage that can occur if they are used for throttling

Features:

- pin lug swivel, non-rising stem, red handwheel
- · metal to metal seal
- UL listed
- for use on hydrants, standpipes, and fire pumps
- maximum operating pressure: 300 PSI (water only) at 70°F (21°C)

Inlet	Outlet	Forged Brass
Female	Male	Part #
21/2" NST (NH)	2½" NST (NH)	



Replacement Part	
Description	Part #
handwheel	HGVW250-W

Hydrant Gate Valves with Speed Handle

Features:

- protects fire hydrants from damage that can occur if they are used for throttling
- full 21/2" waterway
- anodized throughout minimum thickness 0.001"
- test pressure: 250 PSI, working pressure: 100 PSI at 70°F (21°C)

Inlet	Outlet	Aluminum Alloy, 356-T6	
Female Swivel	Male	Part #	
2½" NPSH	2½" NPSH	AHGV250	
2½" NST (NH)	2½" NST (NH)	AHGV250F	



handwheel and knob

Replacement Part

Description	Part #
handwheel and knob	HGV-HDWHL
knob only	HGV-KNOB

Global Hydrant Gate Valves with Speed Handle

Application:

• protects fire hydrants from damage that can occur if they are used for throttling

Features:

- pin lug swivel, non-rising stem, aluminum speed handle
- non-metalic seal
- maximum operating pressure: 175 PSI (water only) at 70°F (21°C)

Inlet	Outlet	Aluminum Alloy
Female NST (NH)	Male NST (NH)	Part #
2½"	2½"	AHGV250F-I



Replacement Part

Description	<i>Aluminum</i> Part #
speed handle	AHGV250F-H

Large Diameter (LDH) Gate Valves

Application:

• used on the suction intake and discharge sides of a pumper or on a hydrant

Features:

- 30° elbow needs only 8 easy turns to open and close
- · non-rising stem, with an air bleed off
- finish anodized throughout minimum thickness 0.001"
- maximum operating pressure: 280 PSI at 70°F (21°C), without relief valve
- 4½" minimum waterway

Storz x Storz

Inlet Storz	Outlet Storz	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
4"	4"	9"	6¼"	19½"	SGV440
4	5"	9"	7¾"	19½"	SGV450
<u></u>	4"	9"	7¾"	19½"	SGV540
5"	5"	9"	7¾"	19½"	SGV550

• all measurements include handles



Storz x Storz 30° with Air Bleeder

Inlet Storz	Outlet Storz	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
411	4"	9"	6¼"	20.0"	SGV30-440
4"	5"	9"	7¾"	20.0"	SGV30-450
	4"	9"	7¾"	20.0"	SGV30-540
5"	5"	9"	7¾"	20.0"	SGV30-550

• all measurements include handles



Storz x Female Swivel

Inlet Storz	Outlet Female NST Swivel	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
	4"	9"	6"	19½"	FSGV440F
4"	4½"	9"	6½"	19½"	FSGV445F
4	5"	9"	7"	19½"	FSGV450F
	6"	9"	8"	19½"	FSGV460F
	4"	9"	6"	19½"	FSGV540F
5"	4½"	9"	6½"	19½"	FSGV545F
	5"	9"	7"	19½"	FSGV550F
	6"	9"	8"	19½"	FSGV560F

· all measurements include handles



Wharf Hydrants

Features:

- used to provide a fire department outlet connection
- pentagon nut at top of spindle discourages unauthorized use
- hydrostatically tested
- maximum operating pressure: 300 PSI at 70°F (21°C)

Inlet Female NPT	Outlet Male NST (NH)	Height Open	Height Closed	Cast Brass Part #
3"	2½"	16.38	14.25	WHYD3025F
4"	2½"	16.38	14.25	WHYD4025F
4"	4½"	18.13	15.63	WHYD4045F



Replacement Parts



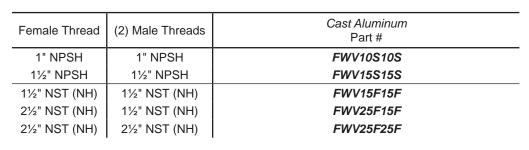


Description	Part #
optional hand wheel	46-030-00025
pentagon hex nut	44-251-00006

Forestry Grade ¼ Turn Ball Type Wye Valves



- cast aluminum swivel inlet, anodized body, hard-coated threads
- built to US Forest Service specifications
- 1" and 1½" for use up to **600 PSI** (water/AFFF only); 2½" for use up to **400 PSI** (water/AFFF only)



2½"

1/4 Turn Ball Type Wye Valve

Features:

- · rocker lug swivel
- · operates easily under high pressure
- handles are not field replaceable
- seals on the ball are field adjustable and field replaceable
- maximum operating pressure: 175 PSI (water only) at 70°F (21°C)

Specification:

meets NSN specifications # 4210-00-255-0234

Inlet	(2) Outlets	Cast Brass
Female	Male	Part #
21/2" NST (NH)	1½" NPSH	S7337S



Fire Fittings 8 Accessories

Full Flow 1/4 Turn Ball Type Wye Valves

Features:

- recommended for charged pre-connected hose lines
- pin lug swivel
- maximum operating pressure: 175 PSI (water only) at 70°F (21°C)
- other configurations are available, contact Dixon® for additional information

Inlet Female Swivel	(2) Outlets Male	Cast Brass Part #
1½" NPSH	1½" NPSH	S7100-15S
11/2" NST (NH)	1½" NST (NH)	S7100-15
21/2" NST (NH)	1½" NST (NH)	S7100



Leader Line 1/4 Turn Ball Type Wye Valve

Features:

- · body painted red with chrome trim
- maximum operating pressure: 400 PSI (water only) at 70°F (21°C)

Inlet	(2) Outlets	<i>Brass</i>
Female NST (NH)	Male NST (NH)	Part #
2½"	1½"	LLBV2515F



1/4 Turn Plug Type Wye Valves

- · pin lug swivel
- maximum operating pressure: 175 PSI (water only) at 70°F (21°C)
- not recommended for charged pre-connected hose

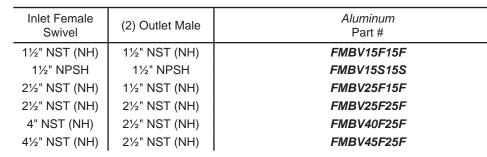
Inlet Female	(2) Outlets	Cast Brass
NST (NH)	Male	Part #
2½"	1½" NST (NH)	S6175
2½"	1½" NPSH	S6175S





2-Way Ball Valves





21/2"

Plain Wyes with Pin Lugs

Features:

- · divides one stream into two
- other configurations are available, contact Dixon® for additional information



Inlet Female	(2) Outlets Male	Cast Brass Part #
1½" NST (NH)	1½" NST (NH)	PW15F15F
11/2" NPSH	1½" NPSH	PW15S15S
2½" NST (NH)	1½" NST (NH)	PW25F15F
2½" NST (NH)	21/2" NST (NH)	PW25F25F

L

Straight Globe Valves

Features:

- · ideal for wet and combination systems
- · used with a fire hose rack assembly, or as a fire department outlet connection
- · aluminum handwheel
- maximum operating pressure: 300 PSI at 70°F (21°C)

		Female x Male
Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #
1½"	1½"	SGV150F
2½"	2½"	SGV250F



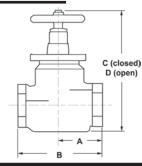
Female x Female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
1½"	1½"	SGVF150
21/2"	2½"	SGVF250



Dimensions

Size	А	В	C closed	D open
1½"	2%"	4¾"	7¼"	8"
21/2"	3-9/32"	6-9/16"	7%"	81/8"



Angled Ball Drip Valves

Features:

- · seals automatically under pressure
- installed horizontally, the ball seats at approximately 8-10 PSI
- working pressure: 175 PSI at 70°F (21°C)

Male NPT	Male NPT	<i>Brass</i> Part #
1/2"	1/2"	ASBDV50
3/4"	3/4"	ASBDV75



Straight Ball Drip Valves

Application:

· designed to drain the low point of a system

- place valve between a fire department connection and a swing check valve
- · seals automatically under pressure
- install horizontally
- working pressure: 175 PSI at 70°F (21°C)

Male NPT	Male NPT	<i>Brass</i> Part #
1/2"	½"	SBDV50
3/4"	¾"	SBDV75







Factory Set Pressure Reducing Brass Angle Valves

Features:

- · true combination shut-off and pressure reducing valves
- 1½" reduces inlet pressure of 300 PSI (2069 kPa) or less to working pressures of **10** through **175 PSI** (69-1207 kPa); 2½" reduces inlet pressures of 400 PSI (2758 kPa) or less to working pressures of **20** through **175 PSI** (138-1207 kPa) under discharge or static conditions
- female x female valves have an open / closed indicator bonnet for confirmation of status
- tamper resistant and automatic
- · available with a tamper proof switch
- all debris must be flushed from the system prior to being placed into service



- complete switch, bracket and housing available for field mounting, consult Dixon[®] for price and availability
- other configurations are available, contact Dixon® for additional information

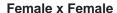
Specifications:

- UL listed for Automatic Sprinkler Systems as floor or zone control valves
- · Standpipe Systems, Class I, II and III
- Automatic Check Valve for Dual Riser Systems
- Approved by New York City Board of Standards and Appeals, approval # MEA 54-07-E
- Approved by City of Los Angeles and the City of San Francisco (ULC 2½")



Female x Male

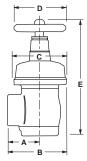
Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #
1½"	1½"	NAPRAV150F-15 NAPRAV150F-20 NAPRAV150F-25 NAPRAV150F-30 NAPRAV150F-35
2½"	2½"	NAPRAV250F-55 NAPRAV250F-60 NAPRAV250F-65 NAPRAV250F-70 NAPRAV250F-75 NAPRAV250F-80





Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
1½"	1½"	NAPRAVF150-15 NAPRAVF150-20 NAPRAVF150-25 NAPRAVF150-30 NAPRAVF150-50
2½"	2½"	NAPRAVF250-55 NAPRAVF250-60 NAPRAVF250-65 NAPRAVF250-70 NAPRAVF250-75 NAPRAVF250-80

Dimensions



Size	А	В	С	D	E closed	E open
1½"	2-7/32"	4-5/32"	3%"	3¾"	9-25/64"	8-53/64"
21/2"	3-7/32"	6-3/32"	5¾"	5¾"	11%"	10-13/16"

(JJ)

Factory Set Pressure Reducing Brass Standard Globe Valve

Female x Female

Inlet	Outlet	Cast Brass
Female NPT	Female NPT	Part #
2½"	2½"	NAPRVF250-55 NAPRVF250-60 NAPRVF250-65 NAPRVF250-70 NAPRVF250-75 NAPRVF250-80



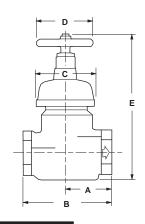
Grooved x Grooved

Inlet	Outlet	Cast Brass
Grooved	Grooved	Part #
2½"	2½"	NAPRVGT250-55 NAPRVGT250-60 NAPRVGT250-65 NAPRVGT250-70 NAPRVGT250-75



Dimensions

Size	Style	А	В	С	D	E closed	E open
2½"	NPT	37/8"	7¾"	5¾"	5¾"	12¾"	12-13/16"
2½"	grooved	43/8"	8¾"	5¾"	5¾"	12¾"	12-13/16"



Accessories

Description	Part #
2½" tamper switch bracket kit (bonnet, nut, switch, bracket) switch bracket only	4201901587 18-458-00017
replacement handles for 1½" valves	AV150-W
replacement handles for 21/2" valves	46-030-00025



Accessories





Factory Set Pressure Reducing (regulating) Valves

Features:

- (4) drilled and tapped bosses:
 - two on each side for upstream and downstream pressure monitoring
 - saves installation time and provides a cleaner appearance
- 2½" size reduces inlet pressures of 400 PSI (2758 kPa) or less to desired working pressures from 20 through 175 PSI (138-1207 kPa) under discharge or static conditions
- UL listed
- tamper switch available

Angle Grooved x Grooved



Inlet	Outlet	Cast Brass
Grooved	Grooved	Part #
2½"	2½"	NAPRAVGT250-55 NAPRAVGT250-60 NAPRAVGT250-65 NAPRAVGT250-70 NAPRAVGT250-75 NAPRAVGT250-80 NAPRAVGT250-85 NAPRAVGT250-95

Angle Grooved x Female



•		
Inlet Grooved	Outlet Female NPT	Cast Brass Part #
2½"	2½"	NAPRAVGFT250-55 NAPRAVGFT250-60 NAPRAVGFT250-65 NAPRAVGFT250-70 NAPRAVGFT250-75 NAPRAVGFT250-80 NAPRAVGFT250-85 NAPRAVGFT250-95

Globe Female x Female



Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
2½"	2½"	NAPRVFT250-55 NAPRVFT250-60 NAPRVFT250-65 NAPRVFT250-70 NAPRVFT250-75 NAPRVFT250-80 NAPRVFT250-85

Globe Grooved x Grooved



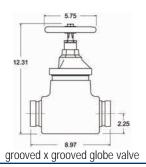
Inlet Grooved	Outlet Grooved	Cast Brass Part #
2½"	2½"	NAPRVGT250-55 NAPRVGT250-60 NAPRVGT250-65 NAPRVGT250-70 NAPRVGT250-75 NAPRVGT250-80 NAPRVGT250-85

12.50

grooved x grooved angle valve



Dimensions



grooved x female angle valve

836 877.963.4966 • dixonvalve.com DPL418

Field Adjustable Pressure Reducing Valves





Features:

- UL listed
- · allows flexibility during installation with the ability to adjust settings once installed as hydraulic conditions change
- used in applications where the inlet pressure is greater than
- 1/4" NPT gauge ports both sides, drilled and tapped standard
- 3/8" adjusting rod included



Angle Valves

Inlet	Outlet	Cast Brass Part #
2½" FNPT	2½" MNST	FAPRAV250F
2½" FNPT	2½" FNPT	FAPRAVF250
2½" groove	2½" MNST	FAPRAVG250F
2½" groove	2½" groove	FAPRAVG250G



Straight Valves

Inlet	Outlet	Cast Brass Part #
2½" groove	2½" groove	FAPRVG250
2½" FNPT	2½" FNPT	FAPRVF250



Replacement Parts

Description	Cast Iron Part #
handwheel	46-030-00025

Setting Instructions:

- 1. Determine desired outlet pressure for known inlet pressure.
- 2. Remove the tamper-resistant screw and slide the plastic cover up to access the adjusting nut.
- 3. Use a 3/8" diameter rod in any one of the 6 holes in the adjusting nut and rotate counter clockwise to increase the pressure at the outlet.
- 4. Check valve under pressure under static and under the anticipated flowing conditions to ascertain that the setting produces the expected results.



Adjustable Pressure Restricting Devices

- for installation on Class I or Class III standpipe system hose outlets
- device restricts pressure in the piping system to such a degree that hose lines can be handled by persons untrained in the handling of heavy fire streams
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- 2½" UL listed
- working pressure: 175 PSI at 70°F (21°C)

Female	Male	Cast Brass
Thread	Thread	Part #
1½" NST (NH)	1½" NST (NH)	APRD150F
2½" NST (NH)	2½" NST (NH)	APRD250F









Domestic Adjustable Pressure Restricting Angle Valves

Application:

- used where flowing water pressure needs to be controlled Features:
- preset orifices restrict the volume of water thereby lowering the pressure of the flowing water;
 NFPA requires restricting valves where inlet pressure exceeds 100 PSI
- restricting valve has no effect on the static pressure of a system
- can be manually by-passed if required by opening the valve fully, this is accomplished by breaking the breakable link, which allows the valve stem to rise to the full open position
- breakable link also serves as an indication of valve condition and status; if valve is opened without breaking the link it will resume its previous position and no resetting is necessary
- restricts inlet pressure from 70 PSI up to a maximum of 175 PSI
- restricts down to outlet pressures of 65, 80 or 100 PSI, outlet pressures may be set below 65 PSI when authorized by the local authority having jurisdiction
- restricts only under flow conditions
- · setting charts are packed with valve
- UL listed
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- maximum operating pressure: up to 175 PSI
- aluminum handwheel
- other configurations are available, contact Dixon® for additional information



Female x Male

Inlet	Outlet	Cast Brass
Female NPT	Male NST (NH)	Part #
1½"	1½"	AVAPR150F
2½"	2½"	AVAPR250F



Female x Female

Inlet	Outlet	Cast Brass
Female NPT	Female NPT	Part #
1½"	1½"	AVAPRF150
2½"	2½"	AVAPRF250



Global Adjustable Pressure Restricting Angle Valves

Application:

- used when flowing water pressure needs to be controlled

 Facture 2.
- preset orifices restrict the volume of water thereby lowering the pressure of the flowing water;
 NFPA requires restricting valves where inlet pressure exceeds 100 PSI
- restricting valve has no effect on the static pressure of a system
- restricting device can be manually by passed if required by opening the valve fully: pull the
 pin allowing the yoke to fall back from the valve stem which allows valve to be fully opened,
 when valve needs to be restricted again, slide the yoke back into place to be NFPA compliant



Female x Male

Inlet	Outlet	<i>Cast Brass</i>
Female NPT	Male NST (NH)	Part #
1½"	1½"	AVAPR150F-I
2½"	2½"	AVAPR250F-I



Female x Female

Inlet	Outlet	Cast Brass
Female NPT	Female NPT	Part #
1½"	1½"	AVAPRF150-I
2½"	2½"	AVAPRF250-I

Back Flow Preventer





Features:

- · provides maximum protection against backflow caused by back-pressure or back-siphonage from a cross-connection wherein a contaminant hazard exists
- · consists of two spring-loaded poppet type check valves and a mechanically independent, hydraulically dependent pressure differential relief valve
- three top mounted test cocks ensure easy access during repair and maintenance
- working pressure: to 175 PSIG
- temperature range: 33°F to 180°F (.5°C to 82°C)
- · meets Foundation for Cross Connection Control and Hydraulic Research at University of Southern California Manual Section 10, ASSE 1015, AWWA C-510 and CSA B64.4 specifications
- UL listed and FM approved
- create a Fire Hydrant Backflow Preventer by using the RSMSA25F20T (page 780) and the **DMH2025F** (page 782)

NPT Thread	<i>Brass</i> Part #
2"	BFP200



Chicago Pattern Valves

- · aluminum handwheel
- maximum operating pressure: 175 PSI at 70°F (21°C)

Inlet	Outlet	Cast Brass
Male NPT	Male	Part #
1½"	1½" NST (NH)	CPV150F







Sprinkler Hose Valve





Features:

- · aluminum wheel
- UL listed and FM approved for automatic sprinkler and standpipe systems
- working pressure: 175 PSI (water only) at 70°F (21°C)

Inlet	Outlet	Cast Brass
Male NPT	Male NST (NH)	Part #
1"	1½"	ASHV1015F

Push Pull Drain Valve

Features:

- direct mount
- 21/2" handle length



Inlet	Outlet	<i>Brass</i> Part #
¾" FNPT	¾" FNPT	PPDV75

Automatic Drain Vent Valve



- · attaches to the hose end of a hose rack nipple keeping the hose free of moisture by draining water from a leaky valve; when the valve is opened for use a spring valve closes the drain and directs all water through the hose
- other threads and finishes are available, consult Dixon® for more information

Female NST (NH)	Male NST (NH)	Working Pressure (PSI)	Cast Brass Part #
1½"	1½"	175	ADV150F

Fire Fittings &

Piston Intake Relief Valves

Features:

- standard with a 30° elbow (permitting smoother water flow), adjustable relief valve, retractable knob on hand wheel and air bleed off
- · permits safe controlled flow to the intake pump and can also be used to draft
- 9 easy turns open and close the valve
- 280 PSI at 70°F (21°C), without relief valve
- 4½" minimum waterway
- finish anodized throughout minimum thickness 0.001"
- relief valve double spring, cartridge type, adjustable from 50 to 200 PSI

Storz x Female Swivel

	Storz	Female Swivel NST (NH)	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
		4"	12"	8"	17"	FSGR440F
	4"	4½"	12"	8"	17"	FSGR445F
		5"	12"	8"	17"	FSGR450F
		6"	12"	8"	17"	FSGR460F
		4"	12"	8"	17"	FSGR540F
5"	5"	12"	8"	17"	FSGR550F	
	6"	12"	8"	17"	FSGR560F	



Female Swivel x Male

Male NST (NH)	(2)Female NST (NH) Swivel	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
	4"	12"	8"	17"	FMGR40F40F
4"	4½"	12"	8"	17"	FMGR40F45F
4	5"	12"	8"	17"	FMGR40F50F
	6"	12"	8"	17"	FMGR40F60F
4171	4"	12"	8"	17"	FMGR45F40F
	4½"	12"	8"	17"	FMGR45F45F
4½"	5"	12"	8"	17"	FMGR45F50F
	6"	12"	8"	17"	FMGR45F60F
5"	4"	12"	8"	17"	FMGR50F40F
	4½"	12"	8"	17"	FMGR50F45F
	5"	12"	8"	17"	FMGR50F50F
	6"	12"	8"	17"	FMGR50F60F
6"	6"	12"	8"	17"	FMGR60F60F



Replacement Parts

Description	Part #
handwheel and knob	PV-HDWHL
knob only	PV-KNOB



PV-HDWHL

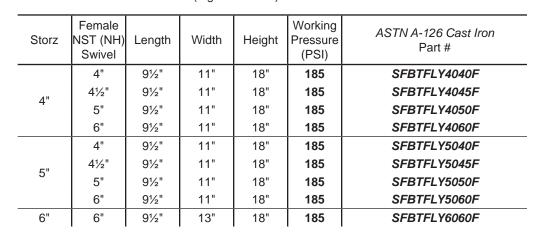
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Butterfly Valves

Storz x Female Swivel

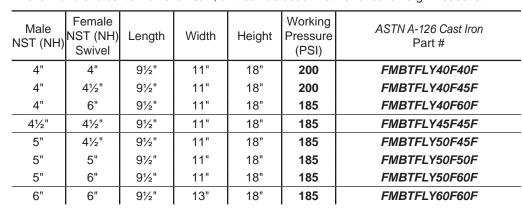
Features:

- permits safe controlled flow to the intake pump, can be used for draft situations
- pressure range: 150-300 PSI working pressure at 70°F (21°C)
- water way: 4½", 5", and 6" maximum
- materials: body-ASTN A-126 cast iron, wafer-lightweight aluminum cast 356-T6, , seat Buna
- 3/4" push-pull drain valve
- standard 10-position locking style lever
- finish anodized cast aluminum bolt flanges minimum thickness 0.001"
- lever handle to center valve is 101/4"
- can be used in either direction (e.g. inlet/outlet)



L/H - Male x Female Swivel

- permits safe controlled flow to the intake pump, can be used for draft situations
- standard 10 position lever handle
- ¾" push-pull drain valve standard
- pressure range: 150-300 PSI at 70°F (21°C)
- water way: 41/2", 5", and 6" maximum
- seat: Buna
- finish: anodized cast aluminum bolt flanges (minimum thickness 0.001")
- lever handle to center valve is 101/4", unit can be used in either direction e.g. inlet/outlet







Fire Fittings & Accessories

Specialty Products



Fire Hose Coupling Machines and Accessories



Low Level Strainer - Floating Strainer



Dry Hydrants



Barrel and Basket Strainers



Booster Hose Installation Kit

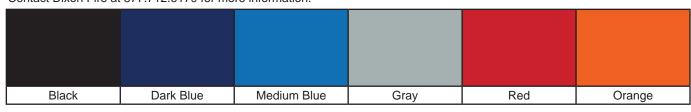


Piston Intake Valve



Partial Listing of Powder Coating Colors Available for Wrenches

Contact Dixon Fire at 877.712.6179 for more information.



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Ball Nozzles for Bulk Delivery

Features:

- rugged construction, high flow provides rapid fuel oil transfer/delivery
- heavy duty roller ball swivel with low temperature seals freely rotates without leaking at -40°F (-40°C) and 100 PSI
- 3 PSI check valve is included to prevent back flow, 5 PSI is optional

nozzles

Female NPT Inlet	Outlet Type	Anodized Aluminum Part #
11/4"	swivel quick fill nut	BL062
1½"	swivel quick fill nut	BL064
11/4"	11/4" spout	BL066
1½"	11/4" spout	BL068
1½"	1½" spout	BL072
11/4"	1¼" female NPT	BL066NS
1½"	11/4" female NPT	BL068NS
1½"	1½" female NPT	BL072NS
2"	2" spout	BL920



replacement spouts

Size	Replacement For	Aluminum Part #
11/4"	BL066, BL068	1143A
1½"	BL072, BL919	1125A
2"	BL920	391137



repair kits

Repair Kits for Ball Nozzles (BL066, BL068, BL072, BL919)			
Description	Part #		
inlet swivel seal and wear kit	SWMF-RK2		
complete inlet swivel rebuild kit	SWMF-RK3		
11/2" FNPT replacement inlet swivel	SWMF-RK4		
11/4" FNPT replacement inlet swivel	SWMF-RK5		
11/2" BSPP replacement inlet swivel	SWMF-RK6		
replacement swivel outlet (BL062, BL064)	BL005		
ball valve shaft seal kit	BL-RK4		
complete ball nozzle seal kit	BL-RK10		
optional check valve 5 PSI spring kit	BL-RK11		
standard check valve 3 PSI cartridge kit	BL-RK12		



Repair Kits for Super Ball Nozzle (BL920)

Repair Rits for Super Bair Nozzie (BE920)				
inlet swivel grease nipple kit (optional)	SWMF-RK1			
inlet swivel seal and wear kit	SWMF-RK22			
complete inlet swivel rebuild kit	SWMF-RK32			
2" FNPT replacement inlet swivel	SWMF-RK42			
1½" FNPT replacement inlet swivel	SWMF-RK52			
complete ball nozzle seal kit	BL-RK102			
optional check valve 5 PSI spring kit	BL-RK112			
standard check valve 3 PSI cartridge kit	BL-RK122			
replacement trigger kit	BL-RK13			



BL920





Gravity Utility Nozzles

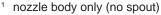
Application:

• for use with 12 volt pumps and gravity flow fittings in economy fuel dispensing applications

Features:

- manual operation (non-automatic)
- Underwriters Listed
- working pressure: 25 PSI

_			
	Female NPT Inlet	Outlet Type	<i>Die Cast Zinc Aluminum</i> Part #
-		1" female UNS	900 ¹
		1" straight spout	900S
	1"	1" bent spout	900B
		3/4" straight spout	900W34S
		34" bent spout	900W34B
_	3/4"	3/4" straight spout	900S34 ²
	74	3/4" bent spout	900B34 ²



 $^{^{2}~~3\!\!/\!\!^{&}quot;}$ nozzle inlet uses 1" x $3\!\!/\!\!^{"}$ reducer bushing, supplied



900

replacement parts



Description	Part #
3/4" replacement straight spout 3/4" replacement bent spout	234-80-4 234-80-5
1" replacement straight spout 1" replacement bent spout	875-4 875-5
trigger plunger and valve assemblies, cap, O-ring	900TK 900SK

Pressure Nozzle for Bulk Delivery

- manual operation (non-automatic) for high pressures and fuel flow up to 100 GPM
- easy opening dash pot design with shockless closing
- detachable trigger ratchet, packing gland and seal
- bronze trigger



114DNS

Female NPT Inlet	Outlet Type	GPM @ 10 PSI	<i>Aluminum</i> Part #
11/4"	1¼" female NPT	80	114DNS
1 74	11/4" spout	80	114D
1½"	1½" female NPT	100	112DNS
1 /2	1½" spout	100	112D







Description	Part #
aluminum replacement spout for 114D	1143A
aluminum replacement spout for 112D	1125A
main poppet, 2nd poppet, cap O-ring, valve stem	112DSK
blank plate to replace ratchet plate if ratchet not required	114DAL-AV-19
main and secondary poppets, cap O-ring, valve stem assembly and packing, sleeve stem packing and nut	114DSK

Nozzles, Spray Gu & Accessories

Overwing Aircraft Nozzles

Features:

- manual operation (non-automatic) for high pressures and fuel flow up to 60 GPM at 20 PSI
- · easy opening dash pot design with shock-less closing
- detachable trigger ratchet, packing gland and seal
- · bronze trigger and plastic guard pad to protect wing
- spout comes with cap, spring cord, fine mesh stainless steel screen filter and screw attachment for grounding cable (cable not supplied)

Female NPT Inlet	Outlet Type	Aluminum Part #
11/4"	1" spout 1¼" spout	114DAVR 114D-AV
1½"	11/4" spout	114D-AV-06ASM



114D-AV-06ASM

replacement parts

Description	Part #
trigger, bushing, pin and cotter pin	114/2D-TK
main & secondary poppet assemblies, cap O-ring, valve stem assembly	114DAV-SK
1" spout assembly	114DAL-AV-25
1¼" spout assembly	114DAL-AV-16

Large Capacity Low Pressure / Gravity Nozzle

Application:

· for low pressure/gravity applications

Features:

- rapid flow due to 11/4" oversize design
- maximum operating pressure: 25 PSI

Female NPT Inlet	Outlet Type	Aluminum Part #
11/4"	1¼" spout	1250-94



repair kits

Description	Part #
plunger, O-rings, valve seal, valve base, valve plate	1250SK



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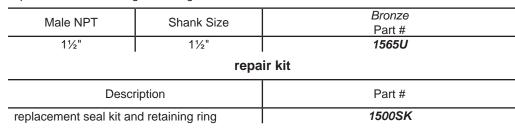
Hose Shank Hose Swivels

Application:

· for use with petroleum and home heating oil hose

Feature:

· prevents hose twisting or kinking





Features:

- male NPT x female NPT threaded connections
- heavy duty internal thrust bearing and anti-friction seal design ensures swiveling at -40°F (-40°C)
- · can be lubricated without disassembly by using the optional grease nipple kit below



Male NPT	Female NPT	<i>Bayloy</i> Part #
11/4"	1¼"	SWMF125
1½"	1½"	SWMF150
2"	2"	SWMF200

repair kits

Description	Part #
inlet swivel grease nipple kit (optional) inlet swivel seal and wear kit complete inlet swivel rebuild kit	SWMF-RK1 SWMF-RK22 SWMF-RK32
2" FNPT replacement inlet swivel 1½" FNPT replacement inlet swivel	SWMF-RK42 SWMF-RK52

MannTek Hose Swivels

- allows the hose to relax to it's natural rest position while allowing freedom of movement without adding torque stress at the point of connection
- simple design, low maintenance consists of 2 body halves, ball bearings and a washer
- male NPT x female NPT threaded connections
- FKM seals standard, Chemraz[®] and Kalrez[®] optional contact Dixon[®]
- working pressure: 150 PSI
- maximum temperature: 300°F (149°C)



_			
	Size	316 Stainless Steel	Aluminum
	Size	Part #	Part #
	3/4"	HS075SS	HS075AL
	1"	HS100SS	HS100AL
	1½"	HS150SS	HS150AL
	2"	HS200SS	HS200AL
	3"	HS300SS	HS300AL
	4"	HS400SS	HS400AL



Dixon® Diesel and Gasoline Nozzles Accessories

Single Plane Hose Swivels

Materials:

· body: aluminum

· brass hex nut prevents galling in the nozzle

 seals: F-7036 Viton™ · retainer: nylon cord

Size	Part #
³ ⁄ ₄ " x ³ ⁄ ₄ "	DAWS34
1" x 1"	DAWS10



Multi-Plane Hose Swivels

Features:

- · brass male end will not gall in nozzle castings
- · dual O-rings seal with all fuels
- · sleeve gives smooth seal surface no leaks
- · internal nylon retainer cord secures firmly but allows free rotation

Materials:

- · body: machined aluminum casting
- · male end: machined brass bar stock
- sleeve: machined brass har stock

Sleeve: machined brass par stock					
Size Part #					
3/4" male NPT x 3/4" female NPT	DAC3434 DAC1034				
1" male NPT Y %" temale NPT	Ι)Δ(:11) ξΔ				



Breakaways

Features:

- unique ball valves seal both ends when separated
- · design provides consistent and reliable performance
- · lightweight
- · easy to repair
- ¾" Underwriter's Listed

Materials:

- body: aluminum
- break rings (2): brass
- seals: F-7036 Viton™

Size	Separation Force (Lbs)	Part #
3/4"	325	DAB34
1"	325	DAB1



Breakaways

Applications:

· Provides breakaway protection for high capacity fueling operations such as truck and bus terminals, mining, off-road fueling and fuel oil delivery.

Materials:

- body: nickel plated aluminum
- brass break rings: 4 total in 1¼" and 1½"; 6 total in 2"
- seals: F-7036 Viton™
- · check valve PTFE ball seals both ends when separated

Size	Separation Force in Lbs.	Part #
11/4"	600	DAB14
1½"	600	DAB15
2"	800	DAB2





FuelMaster™ Diesel Nozzles

Application:

 truck stops and terminal operations (not designed for use with gravity flow tanks, small 12 volt or AC utility pumps, farm or consumer pumps)

Features:

- · high flow capacity
- · Micro-touch valve provides smooth operation and exceptional flow control
- · Roto-matic latch pin provides positive auto shut-off
- pure PTFE packing eliminates stem leaks
- · easy to change 'locknut style' spout assembly
- · green scuff guard

Optional Features:



- Underwriters Listed versions
- · UL listed for use with Gas 10% Ethanol blend and diesel
- super tough nylon trigger hold-open clip
- 'no pressure, no flow' (NPNF) safety valve prevents the trigger from being held open if pressure is not present

Materials:

- · body and spout: aluminum
- body caps: zincseals: FKMpoppet disk: FKM
- stem packing: PTFE
- hand-guard and trigger hold open clip: super tough nylon
- trigger: steel
- snap-on cover: plasticscuff guard: vinyl

Features:

- · with trigger hold-open clip
- non Underwriters Listed nozzle

NPT	Spout	Approximate Flow	Dort #
Inlet	Outlet	Rate at 20 PSI (GPM)	Part #
4"	1-3/16"	35	DFN100HF
ı	1-3/16"	45	DFN100SF



Features:

- with trigger hold-open clip with 'no pressure, no flow' safety valve
- Underwriters Listed nozzle



NPT	Spout	Approximate Flow	Part #
Inlet	Outlet	Rate at 20 PSI (GPM)	Fail #
4"	1-3/16"	35	DFN100HF-NPNF
'	1-3/16"	45	DFN100SF-NPNF

M



- · without trigger hold-open clip
- Underwriters Listed nozzle



NPT	Spout	Approximate Flow	Part #
Inlet	Outlet	Rate at 20 PSI (GPM)	Fail #
4"	1-3/16"	35	DFN100HF-NC
ı	1-3/16"	45	DFN100SF-NC

Big Mouth[™] **Diesel Nozzles**

Application:

 truck stops (not designed for use with gravity flow tanks, small 12 volt or AC utility pumps, farm or consumer pumps)

Features:

- · lightweight but strong
- · Micro-touch valve provides smooth operation and exceptional flow control
- · Roto-matic latch pin provides positive auto shut-off
- pure PTFE packing eliminates stem leaks
- · super tough nylon hand guard
- · snap-on handle cover makes changing scuff guards easy
- · yellow scuff guard

Optional Features:



- Underwriters Listed versions
- UL listed for use with gas 10% Ethanol blend and diesel
- · super tough nylon trigger hold-open clip
- 'no pressure, no flow' (NPNF) safety valve prevents the trigger from being held open if pressure is not present

Materials:

- · body and spout: aluminum
- body caps: zinc · seals: FKM / nitrile poppet disk: FKM · stem packing: PTFE
- trigger: steel
- · snap-on cover: plastic scuff guard: vinyl

Features:

- with trigger hold-open clip
- · non Underwriters Listed nozzle

NPT	Spout	Approximate Flow	Part #
Inlet	Outlet	Rate at 20 PSI (GPM)	Fail#
1"	11/8"	27	DFN100

Features:

- with trigger hold-open clip with 'no pressure, no flow' safety valve
- Underwriters Listed nozzle



NPT	Spout	Approximate Flow	Part #
Inlet	Outlet	Rate at 20 PSI (GPM)	. 3
1"	11/8"	27	DFN100-NPNF

Features:

- · without trigger hold-open clip
- Underwriters Listed nozzle



NPT	Spout	Approximate Flow	Part #
Inlet	Outlet	Rate at 20 PSI (GPM)	Fail#
1"	11/8"	27	DFN100-NC







851

Farm and Consumer Nozzles

• small 12 volt or AC utility pumps, farm or consumer pumps (not designed for use with gravity flow tanks)



Part #

Features:

- Micro-touch valve provides smooth operation and exceptional flow control
- pure PTFE stem packing eliminates leaks
- · heavy duty, strong, secure hook makes it easy to hang the nozzle on the pump
- · Roto-matic latch pin provides positive auto shut-off
- Smartguard snap-on scuff guard

Optional Features:

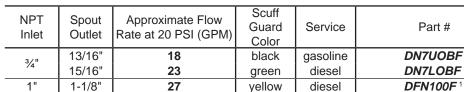
- Underwriters Listed versions
- · super tough nylon trigger hold-open clip
- 'no pressure, no flow' (NPNF) safety valve prevents the trigger from being held open if pressure is not present

Materials:

- body and spout: aluminum
- · body caps: zinc or nylon
- seals: FKM
- poppet disk: FKM
- stem packing: PTFE
- hand-guard and trigger hold open clip: super tough nylon
- trigger: steel
- snap-on cover: plastic
- scuff guard: vinyl

Features:

- with trigger hold-open clip
- non Underwriters Listed nozzle



¹ Hand-guard and rear back clip: super tough nylon

Features:

- with trigger hold-open clip
- with 'no pressure, no flow' safety valve
- Underwriters Listed nozzle





1" diesel nozzle

34" gasoline nozzle

NPT Inlet	Spout Outlet	Approximate Flow Rate at 20 PSI (GPM)	Scuff Guard Color	Service	Part #
3/4"	13/16"	18	black	gasoline	DN7UOBF-NPNF
74	15/16"	23	green	diesel	DN7LOBF-NPNF
1"	1-1/8"	27	yellow	diesel	DFN100F-NPNF

Features:

- without trigger hold-open clip
- Underwriters Listed nozzle

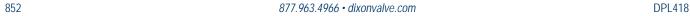


	NPT Inlet	Spout Outlet	Approximate Flow Rate at 20 PSI (GPM)	Scuff Guard Color	Service	Part #
_	3/4"	13/16"	18	black	gasoline	DN7UOBF-NC
	74	15/16"	23	green	diesel	DN7LOBF-NC
	1"	1-1/8"	27	yellow	diesel	DFN100F-NC

34" diesel nozzle

Fuel Nozzle Part Number Cross Reference

Dixon™		M. Carder	OPW	Emco	Husky	Catlow
	DN7UOBF	N7UOBF	1AF-40FS	A2501F	XSF-33704	NENLF
	DN7LOBF	N7LOBF	11APF-40FS	A2501LF		NELF



DEF Automatic Shutoff Nozzle

Application:

· designed for diesel exhaust fluid applications

Feature:

• maximum operating pressure: 50 PSI

Materials:

- aluminum body double coated inside and out with PTFE baked on at 500°F (260°C)
- spout: stainless steel
- wetted parts: stainless, acetal, PTFE
- seal: FKM-A

BSPP	Spout	Approximate Flow	Part #
Inlet	Outlet	Rate at 20 PSI (GPM)	Fail #
3/4"	13/16"	18	DEFN075



High Flow Fueler 100[™] Nozzles

Application:

- for fueling trucks, buses, off-road equipment and fuel oil delivery
- These nozzles are not to be used with gravity flow tanks.



Features:

- machined grooves in the spout are designed to hold nozzle more securely in the fill pipe
- high flow, heavy duty automatic nozzle

NPT	Spout	Approximate Flow	Part #
Inlet	Outlet	Rate at 30 PSI (GPM)	Fail #
11/4"	1%"	75	DNOG5-NL ¹
11/4"	1%"	75	DNOG5
1½"	1%"	75	DNOG6



1 is a 11/4" nozzle without the locking handle



Industrial Fog Nozzles







Faatuuraa.

Features: • maximum operating pressure: 175 PSI (water only) at 70°F (21°C)

- delivers 30° 60° 90° fog pattern shut-off straight stream fog
- UL listed and Factory Mutual approved for class A and B fires (except noted 1 2)
- new UL and FM approvals are pending due to change in standard UL401 products are to be reapproved, data subject to change in coming months supplied with bumper

Size	Thread	90° Spray GPM @ 100 PSI	Wide Open GPM @ 100 PSI	<i>Bra</i> ss Part #
3/4"	GHT			BFN75GHT ¹
3/4"	NPSH			BFN75
1"	NPSH	32		BFN100
1½"	NPSH		100	BFN150
2"	NPSH	108		BFN200 ^{1 2}
1"	NST (NH)	32		BFN100NST
1½"	NST (NH)		100	BFN150NST
21/2"	NST (NH)	205		BFN250NST 1 2

¹ not UL Listed







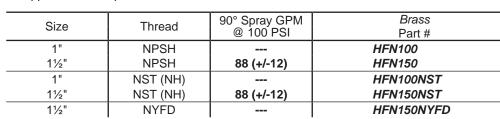


Features:

maximum operating pressure: 175 PSI (water only) at 70°F (21°C)

Heavy Duty Industrial Fog Nozzles

- delivers 30° 60° 90° fog pattern shut-off straight stream fog
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- UL listed and Factory Mutual approved
- supplied with bumper



· replacement washers can be found on page 741







Features:

- working pressure: 25 to 300 PSI (water only) at 70°F (21°C)
- combination straight stream and fog shut-off straight stream fog
- · Factory Mutual approved
- large one-piece rubber bumper with molded teeth
- · knurled base

Size	Thread	90° Spray GPM @ 100 PSI	<i>Brass</i> Part #
1½"	NPSH	117	HPFN150
	NST (NH)	117	HPFN150NST

replacement washers can be found on page 741





² not Factory Mutual approved

[•] replacement washers can be found on page 741

Electrical Fire All-Fog Nozzles

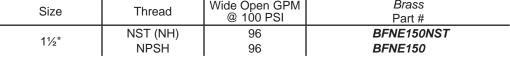


Accessories

Features:

- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- delivers 30° 60° 90° fog pattern shutoff to 30° fog, adjustable to 90° fog
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- · UL listed and Factory Mutual approved for class C fires
- supplied with bumper
- Use of this nozzle is not likely to prove hazardous when nozzle is held in excess of 10 feet from electrical apparatus and circuits not involving more than 250,000 volts.

Size	Thread	Wide Open GPM @ 100 PSI	<i>Brass</i> Part #
1½"	NST (NH)	96	BFNE150NST
	NPSH	96	BFNE150



- · for fog nozzle flow rates please see next page
- · replacement washers can be found on page 741

Fog Nozzles

Features:

- shutoff straight stream fog
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- brass stem

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate¹ Part #	<i>Polycarbonate</i> ² Part #
3/4"	GHT	8.0	FNB75GHT ^{3, 4}	
3/4"	NPS	30.9	FNB75S ⁴	
1"	NPS	11.4	FNB100S ⁴	FN100S
1"	NPS	30.9	HGB100S	
1½"	NPS	83.6	FNB150S	FN150S
1"	NST (NH)	11.4	FNB100NST	FN100NST
1"	NST (NH)	30.9	HGB100NST	
1½"	NST (NH)	83.6	FNB150NST	FN150NST



with bumper



without bumper

- with bumper
- without bumper
- standard flow
- 4 120° spray GPM @100 PSI
- replacement washers can be found on page 856

Fog Nozzle Flow Rate Chart

Part	Inlet P	ressure	Straight	Stream	3	0°	6	0°	9	0°
Number	PSI	kPa	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM
	50	(345)	18	(68)	21	(79)	24	(91)	27	(102)
BFN100	75	(517)	22	(83)	25	(95)	28	(106)	32	(121)
	100	(690)	24	(91)	28	(106)	32	(121)	36	(136)
	50	(345)	90	(341)	120	(454)	130	(492)	145	(549)
BFN250	75	(517)	100	(379)	140	(530)	150	(568)	180	(681)
	100	(690)	110	(416)	165	(625)	180	(681)	205	(776)
HFN100	100	(690)	25	(95)						
HFN150	100	(690)							86	(326)
HPFN150	275	(1040)							130	(492)

• fire fog nozzles are listed above and on previous pages





Factory Mutual Approved Fog Nozzles

Features:

- · brass stem with locking nut
- shutoff-straight-stream-fog
- · wings on sleeve for ease of adjustment
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- Factory Mutual approved

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate ¹ Part #	<i>Polycarbonate</i> ² Global Part #
3/4"	GHT	30.9	SL075GHT ³	
3/4"	NPSH	30.9	SL075 ³	
1"	NPSH	30.9	SL100 ³	PFNB100S
1½"	NPSH	75.0	SL150	PFNB150S
1"	NST (NH)	30.9	SL100NST	
1½"	NST (NH)	75.0	SL150NST	PFNB150NST



- ² without bumper
- 3 120° spray on $^3\!4$ " and 1"



with bumper

Polycarbonate Electrical Fire All-Fog Nozzles

Features:

- opens and closes in a 30° fog pattern up to 120°- no straight stream
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- brass stem



Size	Thread	75° Spray GPM @ 100 PSI	Polycarbonate Part #
1½"	NPS	92	FNBE150S
	NST (NH)	92	FNBE150NST

Gaskets for Fog Nozzles



Size	Thread	ID	OD	Thickness	Buna-N Part #
1"	NPSH	0.937"	1.234"	0.125"	FNG100S
1"	NPSH	1.000"	1.375"	0.125"	HGG100S
1½"	NPSH	1.500"	1.827"	0.125"	FNG150S
1"	NST (NH)	0.937"	1.281"	0.125"	FNG100NST
1"	NST (NH)	1.000"	1.375"	0.125"	HGG100NST
1½"	NST (NH)	1.510"	1.906"	0.125"	FNG150NST

• dimensions are nominal



Plain Hose Nozzles

Features:

- · finish: satin
- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)

Size	Thread	Overall	Orifice	Replacement	Bras	ss
5126	Tilleau	Length	Office	Gasket	Previous Part #	Part #
3/4"	GHT	6"	1/4"	KRW5	500SN6	BN6
3/4"	NPSH	6"	1/4"	KRW5		BN7
1"	NPSH	8"	5/16"	KRW10		BN10
11/4"	NPSH	10"	3/8"	KRW15		BN12
11/2"	NPSH	10"	1/2"	KRW20		BN15
2"	NPSH	12"	9/16"	SW200		BN20
21/2"	NPSH	12"	1"	KRW35		BN25
1"	NST (NH)	8"	5/16"	SW100F		BN10F
1½"	NST (NH)	10"	1/2"	SW150		BN15F
21/2"	NST (NH)	12"	1"	SW250		BN25F
11/2"	NYFD	10"	1/2"	SW150		BN15NYFD
2½"	NYFD	12"	1"	SW250		BN25NYFD



Industrial Washdown Nozzles

Features:

- maximum operating pressure: 100 PSI (water only) at 70°F (21°C)
- delivers 30° 60° 90° fog pattern
- shut off straight stream fog
- · supplied with bumper

Size	Thread	90° Spray GPM @ 100 PSI	<i>Brass</i> Part #
1½"	NPSH	88 (+/-12)	WDN150
	NST (NH)	88 (+/-12)	WDN150NST



Swivel Connectors for Washdown Spray Guns

Ball Type Swivel x Hose Shank

Features:

- · swivel connector for stainless spray nozzles
- 360° ball type swivel adapter helps prevent hose kinking

NPT	Hose ID	Brass	300 Stainless Steel
INF		Part #	Part #
	1/2"		SSA44
1/2"	5/8"		SSA54
	3/4"		SSA64
3/8"	1/2"	BSA34	



Straight Swivel x Hose Shank

Features:

- swivel body
- gasket: EPDM

NDT		Brass	Stainless Steel
NPT Hose I	Hose ID	Part #	Part #
1/2"	1/2"	BNS44	BNS44SS
/2	3/4"	BNS64	BNS64SS



Straight Swivel x GHT Thread

NPT	Female GHT	Brass Part #	
1/2"	3/4"	BMAS974	







Hot Water Washdown Spray Nozzles

Application:

· 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 (66°C)
- 12.5 GPM flow capacity at 150 PSI
- Do not use with steam lines.



Cover Color	<i>Brass</i> Part #	<i>Aluminum</i> Part #
black	BWSG	AWSG
white	BWSG-W	AWSG-W



Lite Washdown Spray Nozzles

Application:

• for use where reduced size and / or flow rate is preferred

- more compact and lighter than standard nozzle
- special formulated rubber cover for durability and easy replacement
- %" female NPT inlet
- 9.0 GPM flow capacity at 100 PSI
- pressure rating: 150 PSI
- temperature rating 200°F (93°C)



LWSG-B

Cover Color	<i>Brass</i> Part #
blue	LWSG-B
white	LWSG-W



Mini Spray Nozzle

Features:

- 1/2" female NPT inlet
- not for use with steam
- · designed as an industrial lightweight nozzle with heavyweight performance
- durable dark blue 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 (93°C)
- flow: 9.6 GPM at 100 PSIG



Stainless Steel

Part #

DM150SDB

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 at 200°F (93°C)
- · 9.6 GPM flow capacity at 100 PSIG



Stainless Steel

Part #

D150SDB

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 D150SDB nozzle
- minimum pressure is 75 PSI
- wand is not for use with steam



300 Series Stainless Steel

Part #

D150S-WAND



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 ensuring operator safety
- ensures a more accurate discharge water temperature reading
- recommended for water temperatures to 200°F (93°C)
- maximum operating pressure: 150 PSI
- 12.5 GPM flow capacity
- 1/2" female NPT inlet
- · black cover

Bronze
Part #
BWSG-TI

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
- 1/2" female NPT inlet
- maximum temperature: 200°F (93°C)

·	`	,	
		300 Stainless Steel	_
		Part #	
		300SSSG	

Brass Industrial Grade Front Lever 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
- adjusting screw on back of gun allows you to fix the desired form of jet, fixing clamp for the operating lever allows lockable position for service
- · maximum operating pressure: 350 PSI
- suitable for hot water up to 122°F (50°C)
- flow: 6.6 GPM at 72 PSI
- 1/2" female NPT inlet
- durable blue rubber cover

Brass
Part#
DWG050





Nozzles, Spray G & Accessories

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, (%" 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 (60°C) to a maximum temperature of 200°F (93°C)
- 12.5 GPM flow capacity
 working pressure: 150 PSI
 ¾" female NPT inlet
- black cover

 Aluminum	
Part #	
AWSG-TG	



Spray Valve and Hose Assembly

Valves

Features:

- · even spray valve mist provides 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

Female NPT Size	Description	Part #
1/4" 3/8"	valve only	83304 83306
1/4" 3/8"	valve with hook	83304H 83306H





Hose Assembly

Male NPT Inlet	Description	Part #
3/,"	5' hose	8320605

additional hose lengths are available - contact Dixon[®]





861



Sweeper Nozzle

Thread Size	Discharge	Length	Brass	
Triread Size			Previous Part #	Part #
34" GHT	3/16"	2"	500SN2	PSN76

Flexible Water Nozzle



Feature:

· bends for water flow, shuts off when released

Thread Size	Part #
3/4" GHT	8005

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 #	
34" GHT	PNB75GHT	

Insulated Water Nozzles

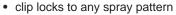
Features:

- · clip locks to any spray pattern
- 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 (60°C)

Thread Size	Chrome Plated Zinc Part #	
3/4" GHT	3/4" GHT SN75	

Pistol-Grip Water Nozzle

Features:



- · easy squeeze on/off lever
- brass valve and adjusting nut
- · stainless steel spring with lifetime packing
- · rubber handle guard

Thread Size	Zinc Metallized Part #
¾" GHT	CSN75

Twist Nozzles



· maximum operating pressure 150 PSI (water only)



	Thread Size	Longth	Extruded Brass	
	Tilleau Size	Length	Previous Part #	Part #
¾" GHT	4"		BTN75	
	4"		500AN4 ¹	
	6¾"	500-AN7	500AN7 1	

¹ imported

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 (21°C)

Thread Size	<i>Bra</i> ss Part #
3/4" GHT	AAPN75GHT



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 (25 per case), with display

Thread	45° Spray GPM @ 100 PSI	Color	Global Part #
3⁄4" GHT	25.1	green	FNB75GHT-GD
	25.1	clear	CNB75GHT-GD



Constant Flow Nozzles with Bumper

Feature:

• can be used as a replacement nozzle in the display case FNB75GHT-GD

Thread	45° Spray GPM	Color	Plastic
IIIIeau	@ 100 PSI	Coloi	Part #
3/!! OUT	8.0	green	GNB75GHT (domestic)
¾" GHT	25.1	clear	CNB75GHT (global)







Water-Steam Washdown Station

Application:

• 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

Features:

- globe style control valves
- dial thermometer
- in-line check valves
- 3/4" inlet and outlet
- stainless steel hose rack
- mounting plate and hardware for wall mounting
- maximum operating pressure: 150 PSI
- maximum temperature: 200°F (93°C)

Bronze Part # **SWDS**

Pressure Requirements

Steam F	Pressure	Water F	Pressure
Minimum	Maximum	Minimum	Maximum
80 PSI	90 PSI	50 PSI	80 PSI

Hot and Cold Water Mixing Station



with hose and nozzle

Features:

- globe style control valves
- 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 (93°C)

Bro	onze
Pa	art#
W	DS1

Rack for Mixing Station

Features:

- stainless steel lag screws
- 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

Stainless Steel Part # **WDSR**



Spray Guns

Anti-Fatigue Spray Gun

Features:

- ¾" female inlet¼" female outlet
- temperatures to: 300°F (149°C)
- · anti-fatigue pressure compensating design

Maximum PSI	GPM	Part #
5075	12.0	HPSG
5000	10.6	HPSGW¹

¹ W = weeping, for the car wash industry, allows a small stream of water / leak



Pressure Spray Gun

Features:

- %" female inlet
- 1/4" female outlet
- working pressure: 4500 PSI
- maximum temperature: 320°F (160°C)

GPM	Part #
8	HPSGL



Heavy Duty Anti-Fatigue Spray Gun

Features:

- %" female inlet
- 1/4" female outlet
- working pressure: 5000 PSI
- maximum temperature: 300°F (149°C)
- · heavy duty anti-fatigue design
- stainless inner tube
- · Zytel® housing

GPM	Part #
8	HPSGHD



Pressure Spray Gun with Extension

Features:

- 3/8" female inlet
- 22 mm x 14 mm female outlet
- working pressure: 3700 PSI
- maximum temperature: 140°F (60°C)
- extension length: 19"

GPM	Part #
8	AL9



Pressure Spray Gun Kit with Hose, Nozzle & Lance

- 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', ¼" ID with 22 mm x 14 mm female ends
- nozzle: 4.0 variable nozzle 0° to 80°







Spray Lances and Extensions for Pressure Gun

Spray Lance

- for use with AL9 spray gun only on page 865

maximum opemaximum ten	rating pressure: 4000 PSI perature: 300°F (149°C)	
Length 24"	Description	<i>Zinc</i> Part #

Dual Spray Lances

Features:

- for use with HPSG, HPSGC, HPSGHD and HPSGW
- for soap and water
- maximum temperature: 300°F (149°C)
- 10.5 GPM
- requires 1 high pressure nozzle and 1 soap nozzle on page 869
- Allows quick adjustment from high to low pressure with a twist of the handle; low pressure setting allows for use of soap.



Length	Description	Maximum Operating PSI	Part #
Δ()"	zinc, ¼" male inlet 2 each ¼" female outlets stainless steel, ¼" male inlet, 2 each ¼" female outlets	3,650 4,000	AL333 AL344

Molded Grip Extensions

Features:

- for use with HPSG, HPSGC, HPSGHD and HPSGW
- maximum operating pressure: 5000 PSI



Length	Description	<i>Zinc</i> Part #
24"	1/4" male inlet x 1/4" male outlet	AL323XX
36"	1/4" male inlet x 1/4" male outlet, 4" space from the end	AL324XX
48"	1/4" male inlet x 1/4" male outlet, 2 grips	AL325XX
59"	1/4" male inlet x 1/4" male outlet, 2 grips	AL326XX
		·

Vented Grip Lances

- for use with HPSG, HPSGC, HPSGHD and HPSGW
- for hot water
- maximum operating pressure: 5000 PSI
- maximum temperature: 300°F (149°C)
- 10.5 GPM maximum

	AL361	AL362
Length	Description	Zinc Part #
36" 48"	1/4" male inlet x 1/4" female outlet, straight 1/4" male inlet x 1/4" female outlet, bent	AL361 AL362

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 (149°C)

Length	Aluminum Part #
6' - 18'	ARTEL18A



Accessories

Telescoping Lance Belt

Feature:

• adjusts to fit a 33" to 58" waist

Nylon	
Part #	
ARTEL-BELT	



Swiveling Quick Couplings

Features:

• working pressure: 3650 PSI

• 7.8 GPM

• maximum temperature: 300°F (149°C)

	1/4" swiveling quick couplings
Description	Part #
1/4" female x 22 mm x 1.5 mm swivel	AL450 ¹
1 for use with AL456 only	







3/8" swiveling quick couplings

Description	Part #
3/s" female x 22 mm x 1.5 mm swivel	AL453 ¹



1 for use with AL456 only

Description	Part #
%" female x female swivel	AL462 ²





² for use with **AL464** only

² for use with AL464 only

Fixed Plugs

Features:

working pressure: 3650 PSI

7.8 **GPM**

maximum temperature: 300°F (149°C)



1/4" fixed quick coupling plugs

Description	Part #
1/4" female x 22 mm x 1.5 mm male	AL454 ¹

1 for use with AL453 and AL9



Description	Part #
1/4" male x 22 mm x 1.5 mm male	AL455F ²

² for use with AL462 only

3/8" fixed quick coupling plugs



Description	Part #
%" female x 22 mm x 1.5 mm male	AL456 ¹

¹ for use with AL453 and AL9



Description	Nickel Plated Brass Part #
¾" female x male plug	AL464 ²

² for use with **AL462** only

Injector Nozzles

Features:





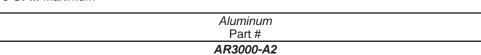
maximum working pressure: 4000 PSI



Description	Orifice	Flow (GPM)	Part #
adjustable, green	1.8 mm	2 - 3	AL472
adjustable, red	2.1 mm	3 - 4	AL477
adjustable, blue	2.3 mm	4 - 5.5	AL478

Line Strainer

- 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





High Pressure Spray Soap Nozzles

Description	<i>Brass</i> Part #
1/4" male inlet, 40° spray angle, size #40	NZ4040S
1/4" male inlet, 80° spray angle, size #40	NZ8040S



High Pressure Spray Nozzles

Description	Steel Part #
1/4" male NPT inlet, 15° spray angle, size 4	NZ1504
1/4" male NPT inlet, 25° spray angle, size 4	NZ2504
1/4" male NPT inlet, 40° spray angle, size 4	NZ4004



Quick Connect Soap Nozzle

• use with 1/4" couplers on page 498

Description	<i>Brass</i> Part #
1/4" straight through plug inlet, 65° spray angle, size #40	NZ6540QCS



Quick Connect Spray Nozzles

• use with 1/4" couplers on page 498

Description	Part #
 ¼" straight through plug inlet, 0° spray angle, size #4, red ¼" straight through plug inlet, 15° spray angle, size #4, yellow ¼" straight through plug inlet, 25° spray angle, size #4, green ¾" straight through plug inlet, 40° spray angle, size #4, white 	MSP400 MSP415 MSP425 MSP440



Multi-Pack Quick Connect Nozzles

Description	Nozzles Included	Part #
1/4", 65° spray angle, size #40 1/4", 15° spray angle, size #4, yellow 1/4", 25° spray angle, size #4, green 1/4", 40° spray angle, size #4, white	NZ6540QCS MSP415 MSP425 MSP440	MSP4PAK



Multi-Pack High Pressure Spray Nozzles

- ¼" quick connect nozzle multi-packs include: 0° red, 15° yellow, 25° green, 40° white and 50° black soap nozzles
- 1/4" MEG nozzle multi-packs include: 0°, 15°, 25°, 40° and 65° soap nozzles

Nozzle	GPM @ PSI									
	800	14000	14500	2000			2500	4000	5000	Part #
Size	000	1000	1500	2000	2500	3000	3500	4000	5000	
3.0	1.34	1.50	1.84	2.12	2.37	2.60	2.81	3.00	3.35	NZMQC5P-030
3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	NZMQC5P-035
4.0	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.00	4.47	NZMQC5P-040
4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	NZMQC5P-045
5.0	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	NZMQC5P-050
5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.50	6.15	NZMQC5P-055
6.5	2.91	3.25	3.98	4.60	5.14	5.63	6.08	6.50	7.27	NZMQC5P-065
8.0	3.58	4.00	4.90	5.66	6.32	6.93	7.48	8.00	8.94	NZMQC5P-080
Nozzle				GF	M @ F	PSI				Dort #
Size	800	1000	1500	2000	2500	3000	3500	4000	5000	Part #
3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	NZMMEG5P-035
4.0	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.0	4.47	NZMMEG5P-040
4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	NZMMEG5P-045
5.0	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	NZMMEG5P-050
5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.50	6.15	NZMMEG5P-055

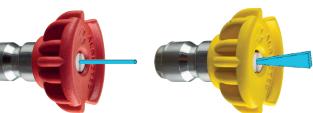








Spray Nozzle Selection Guidelines







Blasting Nozzle

15° **Stripping Nozzle**

25° **Cleaning Nozzle**

40° **Washing Nozzle**

- · Removing caked on mud from heavy construction, farm or lawn equipment.
- Cleaning tar, glue or stubborn stains from concrete
- · Cleaning overhead areas
- Removing rust from steel and oxidation from aluminum
- · Removing paint from wood, masonry or metal
- Removing grease or dirt from equipment
- Removing heavy mildew stains
- Removing marine growth from boats and marine equipment
- Removing rust from steel and oxidation from aluminum

- · General cleaning of dirt, mud and grime
- Cleaning roofs, gutters and downspouts
- Removing light mildew stains
- Removing algae and bacteria build-up from
- Rinsing surfaces in preparation for painting

- · Light cleaning and washing
- Washing and rinsing of automobiles and boats
- Cleaning roofs, windows, patios and driveways



Caution: The spray force from these nozzles can cause injuries if pointed directly at yourself or others. Before observing directly always disconnect from spray wand. Make sure spray nozzle is properly locked in place with its quick coupler, if the collar is not in the locking position, the nozzle will become a dangerous projectile. The O-ring from your quick coupler socket will also be blown out of place.

Nozzle Spray Chart

Nozzle Orifice Size	a	1000 PSI	1200 PSI	1250 PSI	1300 PSI	1500 PSI	1800 PSI	2000 PSI	2100 PSI	2200 PSI	2300 PSI	2400 PSI	2500 PSI	3000 PSI	3200 PSI	3500 PSI	4000 PSI	5000 PSI
3.0	0	1.50	1.64	1.68	1.71	1.84	2.01	2.12	2.17	2.22	2.27	2.32	2.37	2.60	2.68	2.81	3.00	3.35
3.5	n S	1.75	1.92	1.96	2.00	2.14	2.35	2.47	2.54	2.60	2.65	2.71	2.77	3.03	3.13	3.27	3.50	3.91
4.0	Р	2.00	2.19	2.24	2.28	2.45	2.68	2.83	2.90	2.97	3.03	3.10	3.16	3.46	3.58	3.74	4.00	4.47
4.5	e r	2.25	2.46	2.52	2.57	2.76	3.02	3.18	3.26	3.34	3.41	3.49	3.56	3.90	4.02	4.21	4.50	5.03
5.0	M	2.50	2.74	2.80	2.85	3.06	3.35	3.54	3.62	3.71	3.79	3.87	3.95	4.33	4.47	4.68	5.00	5.59
5.5	'n	2.75	3.01	3.07	3.14	3.37	3.69	3.89	3.99	4.08	4.17	4.26	4.35	4.76	4.92	5.14	5.50	6.15
6.5	t	3.25	3.56	3.63	3.71	3.98	4.36	4.60	4.71	4.82	4.93	5.03	5.14	5.63	5.81	6.08	6.50	7.27
8.0	е 	4.00	4.38	4.47	4.56	4.90	5.37	5.66	5.80	5.93	6.07	6.20	6.32	6.93	7.16	7.48	8.00	8.94



Nozzles, Spray Guns & Accessories

Turbo Nozzles

Features:

- 15° spray angle
- maximum temperature: 195°F (91°C)
- · ceramic orifice

Nozzle Size	Description	Orifice	Maximum Working PSI	Part #
4.0	1/4" female inlet, dk. green	1.30 mm	3,625	AL-TPR25-30
5.5 - 6.0	1/4" female inlet, purple	1.50 mm	3,625	AL-TPR25-50
7.0 - 7.5	1/4" female inlet, grey	1.70 mm	3,625	AL-TPR25-70
4.0	1/4" female inlet, dk. green	1.30 mm	5,075	AL-TPR35-30
5.5	1/4" female inlet, purple	1.50 mm	5,075	AL-TPR35-50
6.5	1/4" female inlet, grey	1.70 mm	5,075	AL-TPR35-70



Nozzle Holders

Feature:

• maximum temperature: 300°F (149°C)

Description	Flow (GPM)	Working PSI	Part #
adjustable hi/low nozzle holder with nozzle protector, ¼" female inlet and outlet	7.8	3,650	AL414
change over nozzle, ¼" female inlet, 2 each ¼" female outlets	8	2,900	AL416



AL416

Inlet Filter for Turbo Nozzles

Features:

- 1/4" female inlet, 1/4" male outlet
- maximum temperature: 212°F (100°C)
- 100 mesh filter

Description	Flow (GPM)	Working PSI	Part #
stainless steel, inlet water filter	8	5,000	AR3500



Balance Release Valve

Features:

- working PSI: 4,000 PSI
- maximum temperature: 195°F (90.6°)
- GPM: 6.6
- inlet/outlet: 3/8" female NPT
 bypass: 3/8" female NPT

Brass	
Part #	
AL702	





Water Broom

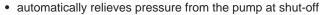
- working PSI: 4,000 PSI
- 1/4" quick connect plug

Description	Length	Stainless Steel Part #
4 nozzle broom	16"	AR-BROOM16



Unloader Valves

Features:



maximum temperature: 190°F (88°C)

- inlet: 2 each, 3/8" female NPT
- outlet: 3/8" female NPT
- bypass: 2 each, %" female NPT

Description	Maximum Flow (GPM)	Working PSI	Part #
yellow spring	8	2,320	AL605
blue spring	8	3,650	AL606
black spring	8	4,500	AL607



Features:

maximum temperature: 190°F (88°C)

inlet: 3/8" female outlet: 3/8" male

• bypass: 3/8" female

Description	Flow (GPM)	Working PSI	Part #
VR-35 unloader valve	9	5,100	AR20831

Thermal Relief Valve



Features:

• operating PSI: 200 PSI

• maximum temperature: 140°F (60°C)

• inlet: 1/2" male

Brass
Part #
TPP140

Safety Release Valve

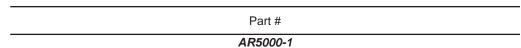
Features:

• pressure range: 1,000 to 4,000 PSI

maximum temperature: 200°F (93°C)

inlet: 3/8" male

GPM: 6





Synthetic single jacket	874 to 876
Synthetic double jacket	877
Washdown Hose	. 878 to 880
Nitrile	878 to 879. 880
Hot water	
Pressure washer braided	
Hand crank hose reel	
Tidita orani noso rosi	
Racks & Reels	881 to 882
Reelcraft® 5000 series spring driven	
Reelcraft® 7000 series	
Reelcraft® 80000 series	
Adjustable hose bumper stops	
Reelcraft® 30,000 manual driven	
Hand crank	882
O I II O . W I . I	0001-005
Garden Hose & Washdown	
Contractors EPDM water hose	
Rubber vinyl garden hose	
Premium EPDM hose	883
Flexogen® hose	883
Perfect water hose	884
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Synthetic Single Jacket Mill Hose

Application:

 used in open end water discharge applications only, not intended for fire fighting service



- outer construction: single jacket, all polyester
- tube construction: black, PVC rubber
- rated pressure: 250 PSI at ambient temperature 70°F (21°C)
- working pressure: 112 PSI at ambient temperature 70°F (21°C)
- Consult Dixon® for pricing and availability on 75' lengths and other threads and configurations.



Size	Bowl	Length	Part #
	1-1/4"	50'	M10-50UC
1"	1-1/4"	100'	M10-100UC
	1-1/4"	300'	M10-300UC
	1-11/16"	25'	M15-25UC
1½"	1-11/16"	50'	M15-50UC
	1-11/16"	100'	M15-100UC
	2-3/8"	25'	M20-25UC
2"	2-3/8"	50'	M20-50UC
	2-3/8"	100'	M20-100UC
	2-11/16"	25'	M25-25UC
2½"	2-11/16"	50'	M25-50UC
	2-11/16"	100'	M25-100UC
	3-3/8"	25'	M30-25UC
3"	3-3/8"	50'	M30-50UC
	3-3/8"	100'	M30-100UC
	4-3/8"	25'	M40-25UC
4"	4-3/8"	50'	M40-50UC
	4-3/8"	100'	M40-100UC
O.II	6-3/8"	25'	M60-25UC
6"	6-3/8"	50'	M60-50UC



Synthetic Single Jacket Mill Hose

Application:

 used in open end water discharge applications only, not intended for fire fighting service



Features:

- outer construction: single jacket, all polyester
- tube construction: black, PVC rubber
- rated pressure: 250 PSI at ambient temperature 70°F (21°C)
- working pressure: 125 PSI at ambient temperature 70°F (21°C)
- Consult Dixon® for pricing and availability on 75' lengths and other threads and configurations.

Coupled with NPSH female and male expansion ring couplings

Size	Length	Part #
1½"	50' 100'	M15-50RAS M15100RAS
2"	50' 100'	M20-50RAS M20100RAS
2½"	50' 100'	M25-50RAS M25100RAS



Coupled with NST (NH) female and male expansion ring couplings

Size	Length	Part #
1½"	50' 100'	M15-50RAF M15100RAF
2½"	25' 50' 100'	M25-25RAF M25-50RAF M25100RAF



Coupled with MNPT x MNPT male expansion ring couplings

Size	Length	Part #
1½"	50' 100'	M15-50RAT M15100RAT
2"	50' 100'	M20-50RAT M20100RAT





Synthetic Single Jacket Mill Hose

Application:

 used in open end water discharge applications only, not intended for fire fighting service



Features:

- · outer construction: single jacket, all polyester
- tube construction: black, PVC rubber
- Consult Dixon® for pricing and availability of additional lengths and other configurations.

Coupled with NPSH female and male King™ short shank couplings, crimp sleeve, aluminum shank with brass pin lug swivel nut



Size	Length	Working Pressure PSI at 70°F (21°C)	Part #
1½"	25'	75	M15-25KAS
I //2	50'	75	M15-50KAS
2"	25'	75	M20-25KAS
2	50'	75	M20-50KAS
2½"	25'	50	M25-25KAS
Z/2	50'	50	M25-50KAS
3"	25'	50	M30-25KAS
3	50'	50	M30-50KAS

Coupled with NST (NH) female and male King™ short shank couplings, crimp sleeve, aluminum shank with brass pin lug swivel nut



Size	Length	Working Pressure PSI at 70°F (21°C)	Part #
1½"	25'	75	M15-25KAF
1 / 2	50'	75	M15-50KAF
2½"	25'	50	M25-25KAF
Z/2	50'	50	M25-50KAF

Coupled with female and male (C & E) global aluminum cam and groove, crimp sleeve



Size	Length	Working Pressure PSI at 70°F (21°C)	Part #
1½"	25'	112	M15-25GAX
1 /2	50'	112	M15-50GAX
2"	25'	112	M20-25GAX
	50'	112	M20-50GAX
2½"	25'	112	M25-25GAX
Z/2	50'	112	M25-50GAX
3"	25'	112	M30-25GAX
3	50'	112	M30-50GAX
4"	25'	112	M40-25GAX
4	50'	112	M40-50GAX

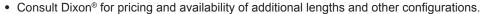
Synthetic Double Jacket Mill Hose

Application:

ideal for open end discharge applications, not intended for fire fighting service



- · outer construction: double jacket, all polyester
- tube construction: black, PVC rubber
- rated pressure: 250 PSI at 70°F (21°C)
- working pressure: 200 PSI at 70°F (21°C)
- double jacket hoses are not recommended for use with field reattachable couplings



			Uncoupled
Size	Bowl	Length	Part #
1½"	1-13/16"	50'	DM15-50UC
	1-13/16"	100'	DM15-100UC
2"	2-5/16"	50'	DM20-50UC
	2-5/16"	100'	DM20-100UC
2½"	2-7/8"	50'	DM25-50UC
	2-7/8"	100'	DM25-100UC



Coupled with female and male NST (NH) thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #
1½"	1-13/16"	50'	DM15-50RAF
	1-13/16"	100'	DM15100RAF
2½"	2-7/8"	50'	DM25-50RAF
	2-7/8"	100'	DM25100RAF



Coupled with female and male NPSH thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #
1½"	1-13/16"	50'	DM15-50RAS
I /2	1-13/16"	100'	DM15100RAS
2"	2-5/16"	50'	DM20-50RAS
2	2-5/16"	100'	DM20100RAS
2½"	2-7/8"	50'	DM25-50RAS
	2-7/8"	100'	DM25100RAS



Coupled with female and male NPT thread, rocker lug, aluminum expansion ring couplings

Size	Bowl	Length	Part #
1½"	1-13/16"	50'	DM15-50RAT
I /2	1-13/16"	100'	DM15100RAT
2"	2-5/16"	50'	DM20-50RAT
2	2-5/16"	100'	DM20100RAT
2½"	2-7/8"	50'	DM25-50RAT



Coupled with female and male (C & E) global aluminum cam and groove, crimp sleeve

Size	Bowl	Length	Part #
1½"	1-13/16"	50' 100'	DM15-50GAX DM15100GAX
2"	2-5/16"	50' 100'	DM20-50GAX DM20100GAX



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Nitrile Washdown Hose

Application:

• ideal for industrial, agricultural and construction washdown and discharge applications, not for firefighting

Features:

- · resistant to weather and abrasion
- working pressure: 200 PSI

Coupled with NPSH female and male expansion ring couplings



Size	Length	Part #
1½"	50'	WDH15BK50RAS
l /2	100'	WDH15BK100RAS
2"	50'	WDH20BK50RAS
2	100'	WDH20BK100RAS
2½"	50'	WDH25BK50RAS
	100'	WDH25BK100RAS

Coupled with NST female and male expansion ring couplings



Size	Length	Part #
1½"	50'	WDH15BK50RAF
1 /2	100'	WDH15BK100RAF
2½"	25'	WDH25BK25RAF
	50'	WDH25BK50RAF
	100'	WDH25BK100RAF

Coupled with MNPT x MNPT male expansion ring couplings



Size	Length	Part #
1½"	50' 100'	WDH15BK50RAT WDH15BK100RAT
2"	50' 100'	WDH20BK50RAT WDH20BK100RAT

Ν

Nitrile Washdown Hose

Application:

 ideal for industrial, agricultural, chemical and construction washdown and discharge applications, not for firefighting



Feature:

· resistant to weather and abrasion

Coupled with NPSH female and male King™ short shank couplings, crimp sleeve, aluminum shank with brass pin lug swivel nut

Size	Length	Part #
1½"	25' 50'	WDH15BK25KAS WDH15BK50KAS
2"	25' 50'	WDH20BK25KAS WDH20BK50KAS
2½"	25' 50'	WDH25BK25KAS WDH25BK50KAS
3"	25' 50'	WDH30BK25KAS WDH30BK50KAS



Coupled with NST (NH) female and male King™ short shank couplings, crimp sleeve, aluminum shank with brass pin lug swivel nut

Size	Length	Part #
1½"	25' 50'	WDH15BK25KAF WDH15BK50KAF
2½"	25' 50'	WDH25BK25KAF WDH25BK50KAF



Coupled with female and male (C & E) global aluminum cam and groove, crimp sleeve

Size	Length	Part #
1½"	25'	WDH15BK25GAX
l /2	50'	WDH15BK50GAX
2"	25'	WDH20BK25GAX
2	50'	WDH20BK50GAX
21/"	25'	WDH25BK25GAX
2½"	50'	WDH25BK50GAX
3"	25'	WDH30BK25GAX
3	50'	WDH30BK50GAX
A!!	25'	WDH40BK25GAX
4"	50'	WDH40BK50GAX





Nitrile Washdown Hose

Application:

• ideal for industrial, agricultural and construction washdown and discharge applications, not for firefighting

Feature:

• resistant to weather and abrasion

Uncoupled



	I	Ι	Ι	I	
Size	Color	Bowl	Length	Working Pressure	Part #
	black	11/4"	50'		WDH10BK50UC
1"	black	1¼"	100'		WDH10BK100UC
ı	yellow	11/4"	100'		WDH10Y100UC
	blue	1¼"	100'		WDH10BL100UC
1½"	black	1-13/16"	50'	200 PSI	WDH15BK50UC
1 /2	black	1-13/16"	100'	200 PSI	WDH15BK100UC
2"	black	2-5/16"	50'		WDH20BK50UC
2	black	2-5/16"	100'		WDH20BK100UC
2½"	black	2-13/16"	50'] [WDH25BK50UC
Z/2	black	2-13/16"	100'		WDH25BK100UC
3"	black	3%"	50'		WDH30BK50UC
3	black	3%"	100'		WDH30BK100UC
4"	black	43/8"	50'	150 BSI	WDH40BK50UC
4	black	43/8"	100'	150 PSI	WDH40BK100UC
C!!	black	6%"	50'] [WDH60BK50UC
6"	black	6%"	100'		WDH60BK100UC

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
- ¾" male on one end and ½" male on the other
- working pressure: 250 PSI
- maximum temperature: 200°F (93°C)

Hose ID x Length	Part #
5/8" x 25'	SWDSHOSE25
5/8" x 50'	SWDSHOSE50



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Feature:

• maximum temperature: 250°F (121°C)

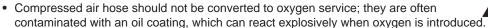
ID	Male	Male	Drocouro Boting (DCI)	Longth	Rubber
- טו	Swivel Inlet	Swivel Outlet	Pressure Rating (PSI)	Lengin	Part #
3/8"	3/8"	3/8"	4,000	50'	AR503830SSP

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Reelcraft® 5000 Series Spring Driven Hose Reels

Features:

- reel inlet %" NPTF
- · all steel construction
- full shaft and swivel
- · supplied standard with PVC hose
- maximum temperature: 150°F (66°C)





with hose

Hose ID	Hose Length	Service	Working Pressure PSI	Part #
1/4"	50'	air / water	300	5450LP
3/8"	35'	air / water	300	5635LP
78	50'	air / water	300	5650LP



without hose

Hose Capacity	Service	Working Pressure PSI	Part #
50' of 1/4" or 35' of 3/8"	air / water	500	5600LP
50' of 3/8"	air / water	500	5605LP

Reelcraft® 7000 Series Spring Driven Hose Reels

Features:

- · all steel construction
- LP Low Pressure reels:
 - maximum temperature 150°F (66°C)
 - reel inlet 1/2" NPTF
 - PVC hose is standard
- MP Medium Pressure reels:
 - maximum temperature 210°F (99°C)
 - reel inlet ½" NPTF
 - SAE 100 R1T 1-wire braid hose available
- HP High Pressure reels:
 - maximum temperature 210°F (99°C)
 - reel inlet 1/4" NPTF
 - SAE 100 R2T 2-wire braid hose available

with hose

Hose ID	Hose Length	Service	Working Pressure PSI	Part #
3/8"	70'	air / water	300	7670LP
1/2"	50'	air / water	300	7850LP



without hose

Hose Capacity	Service	Working Pressure PSI	Part #
70' of 3/8", 50' of 1/2"	air / water	500	7800LP
50' of 3/8" or 50' of 1/2"	oil	3000	7800MP
50' of 1/4" or 50' of 3/8"	grease	5000	7600HP

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Reelcraft® 80000 Series Spring Driven Hose Reels

Features:

- reel inlet 3/4" NPTF
- · five-in-one heat treated aluminum casting incorporates main shaft, ratchet, spring arbor and inlet/outlet plumbing in one-piece casting
- · furnished standard with PVC hose
- maximum temperature is 150°F (66°C) with hose
- maximum temperature is 210°F (99°C) without hose

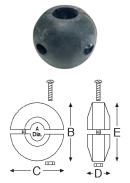
with hose

Hose ID	Hose Length	Service	Working Pressure PSI	Part #
1/2"	75' 100'	air / water air / water	300 300	82075LP 82100LP
3/4"	50'	air / water	250	83050LP

without hose

Hose Capacity	Service	PSI	Part #
50' of 3/4" or 100' of 1/2"	air / water	500	83000LP

Adjustable Hose Bumper Stops



see below for bumper stops, consult Dixon® for uses

other than stated services

	Hose	e OD	Dimer	nsions	Reel Series	_
Hose ID	From:	To:	B,C,E	D	Used On	Part #
1/4"	.438"	.625"	2½"	11/4"	5000	1-HR1004A
3/8"	.625"	.749"	2½"	11/4"	5000	1-HR1004
3/8"	.625"	.749"	3"	1¼"	7000	1-HR1004-3
1/2" or 3/8" 2-wire	.750"	1.050"	3"	1¼"	7000	2-HR1004-3
3/4"	1.060"	1.300"	3"	11/4"	7000	3-HR1004-3
1/2"	.750"	1.050"	3½"	21/8"	9000	2-HR1005
3/4"	1.060"	1.380"	3½"	21/8"	9000	3-HR1005
1"	1.390"	1.550"	3½"	21/8"	9000	4-HR1005

not included on hose reels ordered without hose, must 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
- ½" inlet

without hose

Hose ID	Hose Capacity	Spool Width	Working Pressure PSI	Part #
3/4"	100'	12"	1000	C33112L
1/2"	200'	12"	3000	C32112M



Hand Crank Hose Reel

Features:

- working PSI: 3,000 PSI
- maximum temperature: 160°F (71°C)
- 3/8" outlet, 3/8" inlet
- includes jumper hose, mounting bracket and crank handle
- holds 100' of 3/8" pressure hose

Steel Part #

AR-REEL100

Contractors EPDM Water Hose

Features:

- · heavy duty, crush proof solid brass couplings with wrench grips
- · spiral synthetic cord reinforcement
- black cover
- working pressure: 150 PSI
- temperature range: -20°F to 180°F (-29°C to 82°C)

Sizo	EPDM	Optional
Size	Part #	Qty
³ ⁄ ₄ " x 50'	CWH50	3



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: 400 PSI
- temperature range: 0°F to 140°F (-18°C to 60°C)

Size	Rubber Vinyl	Optional
Size	Part #	Qty
5%" x 25'	SGH25	5
%" x 50'	SGH50	5
%" x 75'	SGH75	3
⁵⁄8" x 100'	SGH100	3



Premium EPDM Hose

Features:

- · professional grade reinforcement provides maximum strength
- · heavy-duty flexibility
- · ultimate kink resistance
- SEAL-TITE® leakproof coupling
- lead-free drinking water safe
- 40% lighter than standard rubber hose
- black cover
- working pressure: 400 PSI
- temperature range: -40°F to 165°F (-40°C to 74°C)

Size	EPDM	Optional
Size	Part #	Qty
5⁄8" x 50'	PGH50	4
⁵⁄s" x 100'	PGH100	4



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
- grey cover

Size	Flexogen® Part #
5⁄s" x 25'	FGH25
5⁄s" x 50'	FGH50



N

Perfect Water Hose

Features

- · for residential and industrial use
- · lightweight, easy handling
- heavy duty male and female garden hose fittings
- blue cove
- polypropylene double helix construction with TPE cover
- flexible and kink-free
- working pressure: 100 PSI at 70°F (21°C)
- burst pressure: 300 PSI at 70°F (21°C)
- temperature range: -20°F to 158°F (-29°C to 70°C)

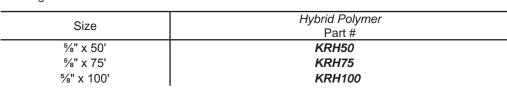
Size	Part #
%" x 25'	PWH25
%" x 50'	PWH50
%" x 100'	PWH100



Premium Flexzilla® Garden Hose

Features:

- temperature range: -40°F to 150°F (-40°C to 66°C)
- anodized aircraft aluminum fittings ³/₄" 11½ GHT fittings on both ends of hose
- kink resistant under pressure
- no memory lays flat, coils easily
- abrasion resistant
- · rugged bend restrictors
- lightweight
- · lime green cover





Top Level PVC Hose

Features:

- heavy-duty ¾" brass couplings
- kink resistant
- green cover
- working pressure: 100 PSI
- temperature range: 15°F to 150°F (-9°C to 66°C)

Size	PVC Part #
5/8" x 50'	GGH50
5/8" x 75'	GGH75





Hot Water Rubber Reinforced Hose

- industrial style reinforcing for flexibility, high burst strength
- extra heavy-duty, crush-proof, machined brass couplings
- maximum wear, abrasion-resistant red cover
- · lead-free drinking water safe
- 40% lighter than standard rubber hose
- withstands extensive hot water up to -40°F to 165°F (-40°C to 74°F)
- working pressure: 400 PSI

Size	Rubber	Optional
Size	Part #	Qty
%" x 50'	HWH50	4
¾" x 50'	HWH50-75	4

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Marine, Camper, Patio & Pool Hose

Features:

- lightweight to handle, easy to store
- USFDA approved tube materials for food contact use
- nickel plated couplings
- lead-free drinking water safe
- white cover
- working pressure: 300 PSI at ambient temperature 70°F (21°C)

Size	Part #	Optional Qty
5/8" x 50'	MCH50	5



Country Club® RT Hose

- 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 (21°C)
- burst pressure: 450 PSI

Size	PVC	Optional
Size	Part #	Qty
1" x 50'	CCH50	2







PVC Tubing

Application:

• for use 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 (79°C)



Si	ze	Working Pressure	Longth	Clear PVC
OD	ID	PSI @ 72°F (22°C)	Length	Part #
5/16"	3/16"	55	100'	CL0305
3/8"	1/4"	55	100'	CL0406
1/2"	1/4"	70	100'	CL0408
7/16"	5/16"	50	100'	CL0507
1/2"	3/8"	40	100'	CL0608
5/8"	3/8"	65	100'	CL0610
5/8"	1/2"	30	100'	CL0810
3/4"	1/2"	45	100'	CL0812
7/8"	5/8"	40	100'	CL1014
1"	3/4"	35	100'	CL1216
1-1/4"	1"	28	100'	CL1620
1-3/4"	1-1/4"	45	50'	CL2028-50
2"	1-1/2"	40	50'	CL2432-50

imported

- temperature range: 14°F to 149°F (-10°C to 65°C)
- shipped in bundles wrapped with PVC film, sold only in lengths shown below



Size		Working Pressure	Length	Clear PVC
OD	l ID	PSI @ 72°F (22°C)	Lengur	Part #
3/8"	1/4"	50	100'	ICL0406
1/2"	3/8"	35	100'	ICL0608
5/8"	1/2"	35	100'	ICL0810
3/4"	1/2"	50	100'	ICL0812
1"	3/4"	35	100'	ICL1216
11/4"	1"	30	100'	ICL1620
2"	1½"	15	50'	ICL2432



PVC Braided Tubing

Application:

• for use with standard shank fittings in low pressure liquid and pneumatic applications

domestic

Features:

- · high grade tensile strength polyester yarn reinforcement
- temperature range: 27°F to 150°F (-3C to 66°C)
- shipped in coils, sold only in lengths shown below

Size		Working Pressure	Longth	Clear PVC
OD	ID	PSI @ 72°F (22°C)	Length	Part #
.394	3/16"	315	300'	BR0306
.435	1/4"	315	300'	BR0446
.625	3/8"	265	300'	BR0609
.728	1/2"	215	300'	BR0812
.906	5/8"	200	300'	BR1014
1.024	3/4"	150	300'	BR1218
1.732	1-1/4"	110	100'	BR2027
1.950	1-1/2"	90	100'	BR2431



imported

Features:

- for various machine tools and the transportation of chemicals
- temperature range: 14°F to 149°F (-10°C to 65°C)
- shipped in bundles wrapped with PVC film, sold only in lengths shown below

Si: OD	ze ID	Working Pressure PSI @ 72°F (22°C)	Length	Clear PVC Part #
1/2"	1/4"	142	300'	IBR0446
5/8"	3/8"	114	300'	IBR0609
3/4"	1/2"	100	300'	IBR0812
1-1/16"	3/4"	71	300'	IBR1218
1-5/16"	1"	71	200'	IBR1621



D.O.T. Air Brake Tubing Rolls

- meets Department of Transportation FMVSS-106 nylon material conforming to SAE J844
- working pressure: 150 PSI
- temperature range: -40°F to 200°F (-40°C to 93°C)
- tubing cutters sold on page 892

Tube Size	Tube Size Tubing Color		<i>Nylon</i> Part #
3/16"	black	100'	J844-03-BL-100
	black	100'	J844-04-BL-100
1/4"	blue	100'	J844-04-B-100
	red	100'	J844-04-R-100
	black	100'	J844-06-BL-100
3/8"	blue	100'	J844-06-B-100
	red	100'	J844-06-R-100
1/2"	black	100'	J844-08-BL-100
5/8"	black	100'	J844-10-BL-100
3/4"	black	100'	J844-12-BL-100





Polyurethane Tubing

Features:

- naturally transparent
- temperature range: -40°F to 165°F (-40°C to 74°C)
- for use with the push-in fittings sold on pages 342-350
- 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

Si	ze	Wall	Working Pressure	Length	Polyurethane
OD	ID	Thickness	PSI @ 75°F (24°C)	Lengin	Part #
1/8"	.062"	.0295"	255	250'	04063
5/32"	.094"	.0315"	210	100'	05094
1/4"	.160"	.0450"	175	100'	08160
3/8"	.245"	.0650"	170	100'	12250
1/2"	.320"	.0900"	175	50'	16320

Polyethylene Tubing

Features:

- designed for FDA applications, complies with 21CFR 177.1520 (c) food contact
- temperature range: -50°F to 140°F (-46° to 60°C)
- for use with the push-in fittings sold on pages 342-350
- 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



Si	ze	Wall	Working Pressure	Longth	Tubing	Polyethylene
OD	ID	Thickness	PSI @ 75°F (24°C)	Length	Color	Part #
1/4"	.125"	.062"	350	100'	natural	0804
1/4"	.170"	.040"	150	100'	natural	0817
1/4"	.170"	.040"	150	100'	blue	0817BL100
3/8"	.250"	.062"	150	100'	natural	1208
1/2"	.375"	.062"	125	100'	natural	1612

Si	ze	Wall	Working Pressure	Longth	Tubing	Polyethylene
OD	ID	Thickness	PSI @ 75°F (24°C)	Length	Color	Part #
1/4"	.170"	.040"	150	500'	blue	0817BL
1/4"	.170"	.040"	150	500'	black	0817BR
1/4"	.170"	.040"	150	500'	natural	0817CR
3/8"	.250"	.062"	150	500'	black	1208BR
3/8"	.250"	.062"	150	500'	natural	1208CR

Nylon Tubing

Features:

- naturally transparent
- temperature range: -40°F to 180°F (-40°C to 82°C)
- for use with the push-in fittings sold on pages 342-350
- recommended for applications requiring low density, lightweight toughness, flexibility and chemical resistance
- packaged in plastic bags



Si	ze	Wall	Working Pressure	Longth	Nylon
OD	ID	Thickness	PSI @ 75°F (24°C)	Length	Part #
1/8"	.093"	.016"	270	100'	04093
5/32"	.106"	.025"	350	100'	05106
3/16"	.138"	.025"	260	100'	06138
1/4"	.170"	.040"	330	100'	08170
1/4"	.180"	.035"	290	100'	08180
3/8"	.275"	.050"	250	100'	12275
1/2"	.375"	.062"	240	100'	16375

Tubing cutters sold on page 892

Legris Nylon Tubing

Application:

ideal for many industrial applications

Features:

- · chemical, humidity and abrasive resistant
- semi rigid
- temperature range: -65°F to 200°F (-54°C to 93°C)



						-	
Si	ze	Wall	Working Pressure	Length	Natural Nylon	Black Nylon	Blue Nylon
OD	ID	Thickness	PSI @ 75°F (24°C)	Lengui	Part #	Part #	Part #
1/8"	.093"	.016"	250	50'	1091P5300	1091P5301	1091P5304
5/32"	.106"	.025"	300	50'	1091P0400	1091P0401	1091P0404
3/16"	.138"	.025"	250	50'	1091P5500	1091P5501	
1/4"	.170"	.040"	300	50'	1091P5600	1091P5601	1091P5604
5/16"	.233"	.040"	250	50'	1091P0800	1091P0801	1091P0804
3/8"	.275"	.050"	250	50'	1091P6000	1091P6001	1091P6004
1/2"	.375"	.062"	250	50'	1091P6200	1091P6201	1091P6204
Si	ze	Wall	Working Pressure	Length	Natural Nylon	Black Nylon	Blue Nylon
OD	ID	Thickness	PSI @ 75°F (24°C)	Lengin	Part #	Part #	Part #
1/8"	.093"	.016"	050	400		,	4
		.010	250	100'	1094P5300	1094P5301	1094P5304
5/32"	.106"	.025"	300	100'	1094P5300 1094P0400	1094P5301 1094P0401	1094P5304 1094P0404
5/32" 3/16"	.106" .138"						
		.025"	300	100'	1094P0400	1094P0401	
3/16"	.138"	.025" .025"	300 250	100' 100'	1094P0400 1094P5500	1094P0401 1094P5501	1094P0404
3/16" 1/4"	.138" .170"	.025" .025" .040"	300 250 300	100' 100' 100'	1094P0400 1094P5500 1094P5600	1094P0401 1094P5501 1094P5601	1094P0404 1094P5604
3/16" 1/4" 5/16"	.138" .170" .233"	.025" .025" .040" .040"	300 250 300 250	100' 100' 100' 100'	1094P0400 1094P5500 1094P5600 1094P0800	1094P0401 1094P5501 1094P5601 1094P0801	1094P0404 1094P5604 1094P0804

Polyurethane - 95 Durometer Tubing

Application:

• good for applications where space is tight; for applications where tubing will be exposed, black tubing is recommended

Features:

- · high flexibility and a small bend radius
- temperature range: -40°F to 165°F (-40°C to 74°C)



			•				
Si	ze	Wall	Working Pressure	Length	Clear Polyurethane	Black Polyurethane	Blue Polyurethane
OD	ID	Thickness	PSI @ 75°F (24°C)	Lengui	Part #	Part #	Part #
1/8"	.062"	.031"	233	50'	1091U53R00	1091U5301	1091U5304
5/32"	.093"	.031"	176	50'	1091U04R00	1091U0401	1091U0404
1/4"	.160"	.045"	148	50'	1091U56R00	1091U5601	1091U5604
5/16"	.216"	.049"	148	50'	1091U08R00	1091U0801	1091U0804
3/8"	.250"	.066"	147	50'	1091U60R00	1091U6001	1091U6004
1/2"	.320"	.090"	140	50'	1091U62R00	1091U6201	1091U6204
Si	ze	Wall	Working Pressure	Longth	Clear Polyurethane	Black Polyurethane	Blue Polyurethane
Si OD	ze ID		Working Pressure PSI @ 75°F (24°C)	Length	Clear Polyurethane Part #	Black Polyurethane Part #	Blue Polyurethane Part #
				Length	•	,	-
OD	ID	Thickness	PSI @ 75°F (24°C)		Part #	Part #	Part #
OD 1/8"	ID .062"	Thickness .031"	PSI @ 75°F (24°C) 233	100'	Part # 1094U53R00	Part # 1094U5301	Part # 1094U5304
OD 1/8" 5/32"	ID .062" .093"	Thickness .031" .031"	PSI @ 75°F (24°C) 233 176	100' 100'	Part # 1094U53R00 1094U04R00	Part # 1094U5301 1094U0401	Part # 1094U5304 1094U0404
OD 1/8" 5/32" 1/4"	.062" .093" .160"	Thickness .031" .031" .045"	PSI @ 75°F (24°C) 233 176 148	100' 100' 100'	Part # 1094U53R00 1094U04R00 1094U56R00	Part # 1094U5301 1094U0401 1094U5601	Part # 1094U5304 1094U0404 1094U5604
OD 1/8" 5/32" 1/4" 5/16"	.062" .093" .160" .216"	Thickness .031" .031" .045" .049"	PSI @ 75°F (24°C) 233 176 148 148	100' 100' 100' 100'	Part # 1094U53R00 1094U04R00 1094U56R00 1094U08R00	Part # 1094U5301 1094U0401 1094U5601 1094U0801	Part # 1094U5304 1094U0404 1094U5604 1094U0804

Fluoropolymer FEP 140 Tubing

- · FDA compliant materials
- · provides excellent resistance to aggressive and corrosive agents and high temperatures
- maximum temperature: 300°F (149°C)

Si	ze	Wall	Working Pressure	Length	Clear Fluoropolymer
OD	ID	Thickness	PSI @ 72°F (22°C)	Lengui	Part #
1/8"	.062"	.031"	500	25'	1092T5300
1/4"	.170"	.031"	165	25'	1092T5600
3/8"	.300"	.062"	249	25'	1092T6000
1/2"	.420"	.062"	165	25'	1092T6200





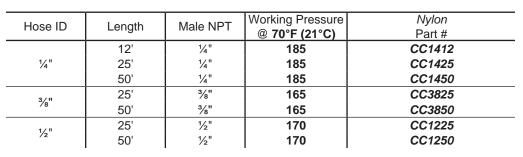
Hose & Tubing

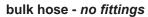
Coil-Chief Self-Storing Air Hose

hose - fittings included

Feature:

• supplied with swivel on one end





• need assembly kits below for ends



Hose ID	Length	Nylon Part #
1/4"	100'	CC14100B
3/8"	100'	CC38100B
1/2"	100'	CC12100B

Assembly Kits

• kit includes: fittings, nut, insert, ferrule and spring guard



RK110 assembly kit

Size	Fitting Type	Part #
1/4"	rigid male	RK090
1/4"	swivel male	RK092
3/8"	rigid male	RK110
3/8"	swivel male	RK112
1/2"	rigid male	RK118
1/2"	swivel male	RK119



N

Polyurethane Self-Storing Air Hose

(fittings included)

Features:

- extremely flexible resists kinking
- impervious to abrasions, heat and oil
- superior elasticity and coil memory
- both ends swivel

Hose ID	Length	Male NPT	Working	Polyurethane
1103610	Lengui	IVIAIC IVI I	Pressure (PSI)	Part #
	10'	1/4"	145	PU1410
1/4"	15'	1/4"	145	PU1415
	25'	1/4"	145	PU1425
	15'	3/8"	135	PU3815
3/8"	20'	3/8"	135	PU3820
78	25'	3/8"	135	PU3825
	50'	3/8"	135	PU3850
1/2"	15'	1/2"	155	PU1215



Repair Kits

Ciro	Tubing Size		T.//20	Brass
Size	ID	OD	Туре	Part #
1/"	1/4"	3/8"	swivel male	PSM0404
1/4"	3/8"	9/16"	swivel male	PSM0604



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 (-40°C to 68°C)
- working pressure: 210 PSI at 70°F (21°C)

Hose ID	Length	Male NPT	Polyurethane Part #
1/4"	50'	1/4"	450-4S
3/8"	50'	1/4"	650-4S
78	50'	3/8"	650-6S



N

PVC Tubing and Hose Cutters

Hose & Tubing



Features:

- rugged construction cuts up to 3/4" tubing or hose
- corrosion resistant hardened steel blade ensures straight, crisp cuts for optimum fit

P	ar	t	#
	ш	ı.	п

TC97 TC97RB



Features:

- cuts low pressure fabric reinforced hose up to 1" OD
- · reversible blade

Part

HC90

HC90RB (replacement blade)



Features:

- cuts hose and tubing up to 11/8" OD
- tough fiberglass reinforced handle
- stainless steel blade

Part

LHC95

LHC95RB (replacement blade)

Nominal

Application:

• suitable for conveying chemicals, foods, pharmaceuticals, oils, gas, fuels and steam

Features:

- nominal standard smooth bore PTFE hose meets SAE100R14
- size range: dash-3 to dash-20
- temperature range: -100°F to 450°F (-73°C to 232°C)
- 304 stainless braided
- extruded or heat shrink coverings are available upon request
- boxed coils (bulk, per ft. lengths and full reels available from Maryland and Texas call Dixon® at 888.226.4673)
- · for use with PTFE fittings on the following page

Nominal Smooth Bore PTFE Hose (fittings not included)





Nominal	Average	Length in	Dash	Working	Burst	White, non-conductive	Black, conductive
Size	ID	Feet	Size	Pressure	Pressure	Part #	Part #
3/16"	.125"	100'	dash-3	3000 PSI	12000		BSB-03-100
1/4"	.187"	100'	dash-4	3000 PSI	12000	WSB-04-100	BSB-04-100
5/16"	.250"	100'	dash-5	3000 PSI	12000	WSB-05-100	BSB-05-100
3/8"	.312"	100'	dash-6	2500 PSI	10000	WSB-06-100	BSB-06-100
3/8T"	.375"	100'	dash-6T	2250 PSI	9000	WSB-06T-100	BSB-06T-100
1/2"	.405"	100'	dash-8	2000 PSI	8000	WSB-08-100	BSB-08-100
5/8"	.500"	100'	dash-10	1750 PSI	7000	WSB-10-100	BSB-10-100
3/4"	.625"	100'	dash-12	1500 PSI	6000	WSB-12-100	BSB-12-100
3/4T"	.750"	50'	dash-12T	1100 PSI	4400	WSB-12T-50	BSB-12T-50
1"	.875"	50'	dash-16	1000 PSI	4000	WSB-16-50	BSB-16-50

Nominal Smooth Bore PTFE Hose Per Foot Length (fittings not included)

Nominal	Average	Dash	White, non-conductive	Black, conductive
Size	ID	Size	Part #	Part #
3/16"	.125"	dash-3	WSB-03	BSB-03
1/4"	.187"	dash-4	WSB-04	BSB-04
5/16"	.250"	dash-5	WSB-05	BSB-05
3/8"	.312"	dash-6	WSB-06	BSB-06
3/8T"	.375"	dash-6T	WSB-06T	BSB-06T
1/2"	.405"	dash-8	WSB-08	BSB-08
5/8"	.500"	dash-10	WSB-10	BSB-10
3/4"	.625"	dash-12	WSB-12	BSB-12
3/4T"	.750"	dash-12T	WSB-12T	BSB-12T
1"	.875"	dash-16	WSB-16	BSB-16
1T"	1.000"	dash-16T	WSB-16T	BSB-16T
1-1/4"	1.125"	dash-20Z	WSB-20Z ¹	BSB-20Z1

¹ double braided



per feet lengths are available from Maryland and Texas only, call Dixon[®] at 888.226.4673

Nominal Fittings

Crimp Collars for all nominal fittings are included

• for use with PTFE hoses on the previous pages

Female JIC Swivels



Hose Size	Thread Size	Carbon Steel Part #	304 Stainless Steel Part #	<i>Brass</i> Part #
dash 4	1/4"	FJC-04-04	FJS-04-04	FJB-04-04
dash 5	5/16"	FJC-05-05	FJS-05-05	FJB-05-05
dash 6	3/8"	FJC-06-06	FJS-06-06	FJB-06-06
dash 8	1/2"	FJC-08-08	FJS-08-08	FJB-08-08
dash 10	5/8"	FJC-10-10	FJS-10-10	FJB-10-10
dash 12	3/4"	FJC-12-12	FJS-12-12	FJB-12-12
dash 16	1"	FJC-16-16	FJS-16-16	FJB-16-16
dash 20Z	11/4"	FJC-20Z-20	FJS-20Z-20	FJB-20Z-20

Rigid Male Pipe Fittings



Hose Size	Thread Size	Carbon Steel Part #	304 Stainless Steel Part #	<i>Brass</i> Part #
dash 4	1/8"	MPC-04-02	MPS-04-02	MPB-04-02
dash 4	1/4"	MPC-04-04	MPS-04-04	MPB-04-04
dash 5	1/4"	MPC-05-04	MPS-05-04	MPB-05-04
dash 6	1/4"	MPC-06-04	MPS-06-04	MPB-06-04
dash 6	3/8"	MPC-06-06	MPS-06-06	MPB-06-06
dash 8	3/8"	MPC-08-06	MPS-08-06	MPB-08-06
dash 8	1/2"	MPC-08-08	MPS-08-08	MPB-08-08
dash 10	1/2"	MPC-10-08	MPS-10-08	MPB-10-08
dash 12	3/4"	MPC-12-12	MPS-12-12	MPB-12-12
dash 16	1"	MPC-16-16	MPS-16-16	MPB-16-16
dash 20Z	1¼"	MPC-20Z-20	MPS-20Z-20	MPB-20Z-20

Female SAE Swivels



Hose Size	Thread Size	Carbon Steel Part #	<i>Brass</i> Part #
dash 6	3/8"	SAEC-06-06	SAEB-06-06
dash 12	3/4"	SAEC-12-12	SAEB-12-12

Nominal PTFE Hose Insertion Tool and Dies

Feature:

• takes the hassle out of installing crimp collars onto braided PTFE Hose; with a few simple steps even challenging braid can be easily and safely inserted into the crimp collar



Size	Description	Part #
	tool / die holder	ITDH
dash 4	die	ITD-04
dash 5	die	ITD-05
dash 6	die	ITD-06
dash 8	die	ITD-08
dash 10	die	ITD-10
dash 12	die	ITD-12
dash 16	die	ITD-16

N

Nominal PTFE Hose Insertion Tool and Dies

Feature:

 takes the hassle out of installing crimp collars onto braided PTFE Hose; with a few simple steps even challenging braid can be easily and safely inserted into the crimp collar

Description	Size	Part #
tool / die holder		ITDH
die	dash 4	ITD-04
die	dash 5	ITD-05
die	dash 6	ITD-06
die	dash 8	ITD-08
die	dash 10	ITD-10
die	dash 12	ITD-12
die	dash 16	ITD-16



Nominal Smooth Bore PTFE Hose Fittings

Crimp Collars for all nominal fittings are included

• for use with PTFE hoses on pages 893 - 896

Tube End Stubs

Hose Size	Tube Size	304 Stainless Steel Part #
dash 4	1/4"	TES-04-04
dash 6	3/8"	TES-06-06
dash 8	1/2"	TES-08-08
dash 12	3/4"	TES-12-12
dash 16	1"	TES-16-16



45° FJIC Fittings

Hose Size	Thread Size	304 Stainless Steel Part #	Carbon Steel Part #
dash 3	3/16"	FJS45-03-03	FJC45-03-03
dash 4	1/4"	FJS45-04-04	FJC45-04-04
dash 5	5/16"	FJS45-05-05	FJC45-05-05
dash 6	3/8"	FJS45-06-06	FJC45-06-06
dash 8	1/2"	FJS45-08-08	FJC45-08-08
dash 10	5/8"	FJS45-10-10	FJC45-10-10
dash 12	3/4"	FJS45-12-12	FJC45-12-12
dash 16	1"	FJS45-16-16	FJC45-16-16
dash 20Z	11/4"	FJS45-20Z-20	FJC45-20Z-20



90° FJIC Fittings

Hose	Thread	304 Stainless Steel	Carbon Steel
Size	Size	Part #	Part #
dash 3	3/16"	FJS90-03-03	FJC90-03-03
dash 4	1/4"	FJS90-04-04	FJC90-04-04
dash 5	5/16"	FJS90-05-05	FJC90-05-05
dash 6	3/8"	FJS90-06-06	FJC90-06-06
dash 8	1/2"	FJS90-08-08	FJC90-08-08
dash 10	5/8"	FJS90-10-10	FJC90-10-10
dash 12	3/4"	FJS90-12-12	FJC90-12-12
dash 16	1"	FJS90-16-16	FJC90-16-16
dash 20Z	11/4"	FJS90-20Z-20	FJC90-20Z-20







(WTB)

PTFE smooth bore non-conductive

(BTB) PTFE smooth bore conductive

True ID Hose

Application:

suitable for conveying acids, chemicals, foods and pharmaceuticals

- size range: 1/4" to 2"
- temperature range: -100°F to 450°F (-73°C to 232°C)
- boxed coils (bulk, per ft. lengths and full reels available from Maryland and Texas, call Dixon® at 888.226.4673)
- 304 stainless braided
- other braids including synthetic, extruded and heat shrink coverings are available upon
- for use with PTFE fittings on pages 894 895

True ID Open Pitch Convoluted Hose

(fittings not included)

Size	Working Pressure PSI	Burst Pressure PSI	White, non-conductive Part #	<i>Black, conductive</i> Part #
1/4"	1740	6960	WOC-T04	BOC-T04
3/8"	1850	7400	WOC-T06	BOC-T06
1/2"	1500	6000	WOC-T08	BOC-T08
3/4"	1300	5200	WOC-T12	BOC-T12
1"	1000	4000	WOC-T16	BOC-T16
11/4"	900	3600	WOC-T20	BOC-T20
1½"	700	2800	WOC-T24	BOC-T24
2"	500	2000	WOC-T32	BOC-T32

Heavy Wall True ID Smooth Bore Hose

(fittings not included)

Size	Working Pressure PSI	Burst Pressure PSI	White, non-conductive Part #	<i>Black, conductive</i> Part #
1/4"	3000	12000	WTB-T04	BTB-T04
3/8" 1/2"	2250	9000	WTB-T06	BTB-T06
'/2 3/4"	1500 1100	6000 4400	WTB-T08 WTB-T12	BTB-T08 BTB-T12
1"	900	3600	WTB-T16	BTB-T12
1"	1650	6600	WTB-T16Z	BTB-T16Z
11/4"	1000	4000	WTB-T20Z	BTB-T20Z
1½"	1100	4000	WTB-T24Z	BTB-T24Z

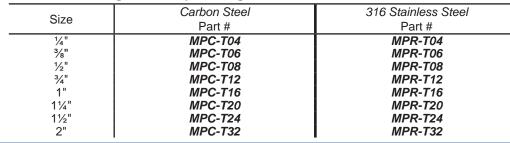
True ID Fittings

Crimp collars for all True ID fittings are sold separately

Female JIC Swivels

Cizo	Carbon Steel	316 Stainless Steel
Size	Part #	Part #
1/4"	FJC-T04	FJR-T04
3/8"	FJC-T06	FJR-T06
1/2"	FJC-T08	FJR-T08
3/4"	FJC-T12	FJR-T12
1"	FJC-T16	FJR-T16
11⁄4"	FJC-T20	FJR-T20
1½"	FJC-T24	FJR-T24
2"	FJC-T32	FJR-T32

Rigid Male Pipe Fittings







True ID Fittings PTFE Hose Fittings

• for use with PTFE hoses on pages 893 - 896

Sanitary Tri-Clamps

Hose Size	Clamp Size	316 Stainless Steel Part #
1/2"	1"	TCR-T08-16
1/2"	1½"	TCR-T08-24
3/4"	1½"	TCR-T12-24
1"	1"	TCR-T16-16
1"	1½"	TCR-T16-24
1½"	1½"	TCR-T24-24
2"	2"	TCR-T32-32



Mini Sanitary Tri-Clamps

Size	316 Stainless Steel Part #
½"	TCMR-T08
¾"	TCMR-T12



contact Dixon® at 888.226.4673 for GSM and PTFE hose assemblies

Feature:

Flange Retainers

• for use with lap joint flanges, see pages 688 - 689

Size	316 Stainless Steel Part #	316 Stainless Steel PTFE Encapsulated Part #
1/2"	FRR-T08	
3/4"	FRR-T12	FRRE-T12
1"	FRR-T16	FRRE-T16
11/4"	FRR-T20	FRRE-T20
11/2"	FRR-T24	FRRE-T24
2"	FRR-T32	FRRE-T32



Crimp Collars

Convoluted Crimp Collar

Features:

- for open pitch convoluted PTFE hose only
- · new design for ease of installation and improved appearance of finished crimp

Size	<i>Carbon Steel</i> Part #	304 Stainless Steel Part #
1/4" 3/8" 1/2" 3/4" 1" 11/4" 11/2"	CSC-T04-1 CSC-T06-1 CSC-T08-1 CSC-T12-1 CSC-T16-1 CSC-T20-1 CSC-T24-1	SSC-T04-1 SSC-T06-1 SSC-T08-1 SSC-T12-1 SSC-T16-1 SSC-T20-1 SSC-T24-1
2"	CSC-T32-1	SSC-T32-1



Features:

Smooth Bore Crimp Collars

- for True ID smooth bore PTFE hose only
- · new design for ease of installation and improved appearance of finished crimp

	2		
Size	Carbon Steel Part #	304 Stainless Steel Part #	
1/4"	CSC-T04-2	SSC-T04-2	
3/8"	CSC-T06-2	SSC-T06-2	
1/2"	CSC-T08-2	SSC-T08-2	
3/4"	CSC-T12-2	SSC-T12-2	
1"	CSC-T16-2	SSC-T16-2	
1¼"	CSC-T20-2	SSC-T20-2	
1½"	CSC-T24-2	SSC-T24-2	



Contact Dixon® at 888.226.4673 for assembly instructions and crimp recommendations.



Spiral Hose and Cable Protection

Application:

· used in mining, quarrying, forestry, offshore industries and most hydraulic hose applications

Features:

- · crush and high abrasion resistance
- chemical and UV ray resistant
- · self-lubricating to reduce hose wear
- · easy to install on-site
- smooth radius on all edges
- can be used on single or multiple hose bundles
- · spiral guard ID is equal to the guard at rest
- sold in coil lengths only

Flame Retardant Product

Features:

- approved by MSHA #1C-264/0
- tested to: AS 2600, AS1180.10B, AS 1180.13A
- · flame retardant, self extinguishing, anti static
- temperature range: -148°F to 262°F (-100°C to 128°C)
- · color: black



Nominal ID	Coil Length	OD Range (inches)	Part #
0.45"	66'	.47" to .86"	FRSGX16
0.55"	66'	.62" to 1.06"	FRSGX20
0.80"	66'	.86" to 1.37"	FRSGX25
1.00"	66'	1.06" to 1.69"	FRSGX32
1.26"	66'	1.30" to 2.17"	FRSGX40
1.50"	66'	1.65" to 2.52"	FRSGX50
2.00"	66'	2.05" to 2.95"	FRSGX63
2.40"	66'	2.56" to 3.80"	FRSGX75
2.83"	66'	3.15" to 4.30"	FRSGX90
3.43"	33'	3.80" to 4.90"	FRSGX110

Standard Product

Features:

- · not flame retardant
- temperature range: -40°F to 248°F (-40°C to 120°C)



Nominal ID	Coil Length	OD Range (inches)	Part #
0.45"	66'	.47" to .86"	NFSGX16
0.55"	66'	.62" to 1.06"	NFSGX20
0.80"	66'	.86" to 1.37"	NFSGX25
1.00"	66'	1.06" to 1.69"	NFSGX32
1.26"	66'	1.30" to 2.17"	NFSGX40
1.50"	66'	1.65" to 2.52"	NFSGX50
2.00"	66'	2.05" to 2.95"	NFSGX63
2.40"	66'	2.56" to 3.80"	NFSGX75
2.83"	66'	3.15" to 4.30"	NFSGX90
3.43"	33'	3.80" to 4.90"	NFSGX110
4.48"	40'	4.50" to 5.50"	NFSGX125
5.07"	27'	4.80" to 6.00"	NFSGX140
5.87"	20'	5.70" to 7.00"	NFSGX160

DPL418

Fiberglass Sleeving

Features:

- thermal insulation protection in applications with service temperatures up to 1000°F (538°C)
- supplied in a continuous length of 100'
- 1/16" wall thickness
- braided from texturized E-glass filament yarns, untreated tubing is flexible and expands to cover changing diameters
- Made in USA

Nominal ID	Fiberglass Part #
1/4"	LW04200
3/8"	LW06200
1/2"	LW08200
5/8"	LW10200
3/4"	LW12200
7/8"	LW14200
1"	LW16200
11/4"	LW20200
1½"	LW24200
2"	LW32200
2½"	LW40200
3"	LW48200
3½"	LW56200
4"	LW64200



Keylar® Protective Sleeves

Features:

- braided cut-resistant 100% genuine Kevlar® fiber sleeve provides excellent flexibility
- provides protection for hydraulic hoses full lines, wires, cables and many other systems
- working temperature: continuous 320°F (160°C), short term 570°F (300°C)
- 3000 denier ballistic grade Kevlar®; nonirritating fiber
- Made in USA

Sleeve ID	100' spool
Sieeve ib	Part #
½" (13 mm)	K\$08200
3/4" (19 mm)	KS12200
1" (25 mm)	KS16200
1¼" (32 mm)	KS20200
1½" (38 mm)	KS24200
1¾" (44 mm)	KS28200
2" (51 mm)	K\$32200
2½" (64 mm)	K\$40200
3" (76 mm)	K\$48200
3½" (89 mm)	K\$56200
4" (102 mm)	KS64200



Nylon Protective Sleeves - MSHA Accepted

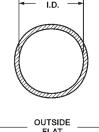
Features:

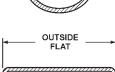
- woven tubular sleeving, for use as a protective covering on hydraulic and industrial hose
- · tight weave of seamless tubular sleeving helps dispense the flow of fluid in a ruptured hose
- MSHA accepted, withstands temperatures up to 275°F (135°C), passes flammability tests
- · not continous rolls/has splices

	Nominal	Outside	100' rolls	300' rolls	
	ID	Flat	Part #	Part #	
ľ	0.90"	1.50"	DHS90-100	DHS90-300	
	1.00"	1.66"	DHS100-100	DHS100-300	
	1.13"	1.88"	DHS106-100	DHS106-300	
	1.25"	2.13"	DHS122-100	DHS122-300	
	1.46"	2.25"	DHS138-100	DHS138-300	
	1.42"	2.50"	DHS142-100	DHS142-300	
	1.58"	2.75"	DHS159-1-100	DHS159-1-300	
	1.78"	2.88"	DHS175-100	DHS175-300	
	1.91"	3.00"	DHS181-100	DHS181-300	
	2.18"	3.63"	DHS219-100	DHS219-300	
	2.38"	3.88"	DHS238-100	DHS238-300	
	2.65"	4.25"	DHS263-100	DHS263-300	
	2.86"	4.75"	DHS288-100	DHS288-300	
	3.65"	5.88"	DHS366-100	DHS366-300	



NOMINAL





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Hose & Tubing

Spring Guard

- Features:
 protects hose against the effects of flexing at its most vulnerable point immediately behind the coupling
- · optional end tang allows end guard to be secured under a clamp or ferrule
- wire fits most hose OD's from ½" to 3¼", contact Dixon® for custom sizes or lengths

with tang

Guard	Wire	Overall	Tang	Approx. #	Galvanized Steel	304 Stainless Steel
ID	Gauge	Length	Length	of Coils/Ft.	Part #	Part #
3/4"	0.175	12"	1"	33	SEGC1-0.75-12	SEGS1-0.75-12
1"	0.175	12"	1"	33	SEGC1-1.00-12	SEGS1-1.00-12
11/4"	0.175	14"	2"	39	SEGC1-1.25-14	SEGS1-1.25-14
1½"	0.175	14"	2"	39	SEGC1-1.50-14	SEGS1-1.50-14
13/4"	0.175	16"	2"	44	SEGC1-1.75-16	SEGS1-1.75-16
2"	0.280	16"	2"	44	SEGC1-2.00-16	SEGS1-2.00-16
21/2"	0.280	18"	2"	50	SEGC1-2.50-18	SEGS1-2.50-18
3"	0.280	18"	2"	50	SEGC1-3.00-18	SEGS1-3.00-18

without tang



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	without tailig						
el	304 Stainless Stee	Galvanized Steel	Approx. #	Tang	Overall	Wire	Guard
	Part #	Part #	of Coils/Ft.	Length	Length	Gauge	ID
?	SEGS0-0.75-12	SEGC0-0.75-12	33	1"	12"	0.175	3/4"
<u> </u>	SEGS0-1.00-12	SEGC0-1.00-12	33	1"	12"	0.175	1"
ļ	SEGS0-1.25-14	SEGC0-1.25-14	39	2"	14"	0.175	11/4"
ļ	SEGS0-1.50-14	SEGC0-1.50-14	39	2"	14"	0.175	1½"
;	SEGS0-1.75-16	SEGC0-1.75-16	44	2"	16"	0.175	13/4"
;	SEGS0-2.00-16	SEGC0-2.00-16	44	2"	16"	0.280	2"
}	SEGS0-2.50-18	SEGC0-2.50-18	50	2"	18"	0.280	21/2"
}	SEGS0-3.00-18	SEGC0-3.00-18	50	2"	18"	0.280	3"
2 4 4 6 6 8	SEGS0-1.00-12 SEGS0-1.25-14 SEGS0-1.50-14 SEGS0-1.75-16 SEGS0-2.00-16 SEGS0-2.50-18	SEGC0-1.00-12 SEGC0-1.25-14 SEGC0-1.50-14 SEGC0-1.75-16 SEGC0-2.00-16 SEGC0-2.50-18	33 39 39 44 44 50	1" 2" 2" 2" 2" 2"	12" 14" 14" 16" 16" 18"	0.175 0.175 0.175 0.175 0.280 0.280	1" 1¼" 1½" 1¾" 2" 2½"

Continuous Spring Guard

Features:

- protects hose from external abrasion and helps resist over flexing
- fits tight to hose reducing the potential for snagging
- contact Dixon® at at 888.226.4673 for custom lengths or sizes



Guard	Wire	Overall	Approx. #	Galvanized Steel	304 Stainless Steel
ID	Gauge	Length	of Coils/Ft.	Part #	Part #
3/4"	0.175"	25'	33'	CWG-C-0.75-25	CWG-S-0.75-25
1"	0.175"	25'	33'	CWG-C-1.00-25	CWG-S-1.00-25
11/4"	0.175"	25'	33'	CWG-C-1.25-25	CWG-S-1.25-25
1½"	0.175"	25'	33'	CWG-C-1.50-25	CWG-S-1.50-25
13/4"	0.175"	25'	33'	CWG-C-1.75-25	CWG-S-1.75-25
2"	0.280"	25'	33'	CWG-C-2.00-25	CWG-S-2.00-25
21/2"	0.280"	25'	33'	CWG-C-2.50-25	CWG-S-2.50-25
3"	0.280"	25'	33'	CWG-C-3.00-25	CWG-S-3.00-25

GSM Ball-Joint Armored Hose Assemblies



ball-joint armor protects against extreme heat, molten splash, abrasion and kinking multiple layers of 1000°F fiberglass insulation provide extreme heat resistance



Application:

 includes but not limited to: water cooling hose, oxygen supply hose, hydraulic hose, natural gas hose, black liquor hose, steam hose

Sizes:

- 1/4" through 16" bore
- lengths to 120'

Materials:

- · armor: galvanized steel or stainless steel
- wide selection of inner hoses specific to the demands of the application are industrial, hydraulic, stainless steel or PTFE

Features:

- extremely flexible armor protects from heat, slag splash and harsh environments
- heat resistant insulation to 1000°F
- temperature rating depends on specific applications, consult Dixon®
- a variety of end connections are available, contact Dixon[®] at 888.226.4673



Oxy-Acetylene Fittings914Oxy-acetylene hose couplings914Oxy-acetylene connecting spuds914Oxy-acetylene adapters914Oxy-acetylene ferrules914

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American Made PTFE Tape (Purple)

Features:

- thickness: 3.5 mil (0.0035 mm)
- temperature range: -450°F to 500°F (-268°C to 260°C)
- superior quality
- not for use in oxygen applications



Size	Length	Part #
	520"	TTPM50-520
1/2"	700"	TTPM50-700
	1429"	TTPM50-1429
	520"	TTPM75-520
3/4"	700"	TTPM75-700
	1429"	TTPM75-1429
	520"	TTPM100-520
1"	700"	TTPM100-700
	1429"	TTPM100-1429



Features:

- thickness: 3.5 mil (0.0035 mm)
- temperature range: -212°F to 500°F (-136°C to 260C)



Size	Length	Part #	Optional Qty
	260"	TTA50	550
1/2"	520"	TTB50	500
	1296"	TTC50	250
3/4"	260"	TTA75	350
	520"	TTB75	350
1"	520"	TTB100	250

Stainless Steel PTFE Tape (Gray)

Features:

- thickness: 4 mil
- temperature range: -450°F to 550°F (-268°C to 288°C)
- useful on stainless steel threaded joints or connections
- PTFE with nickel added, nickel acts like a ball bearing
- · made in the US

Size	Length	Part #	Optional Qty
1/2"	260"	TTA50SS	10



Features:

- thickness: 4 mil
- temperature range: -400°F to 500°F (-240°C to 260°C)

Size	Length	Part #	Optional Qty
1/2"	540"	TTBP50	500





PTFE Tape for LP Gas (Yellow)

Features:

- thickness: 4 mil
- maximum temperature: 500°F (260°C)
- Underwriters Listed

Size	Length	Part #	Optional Qty
1/2"	260"	TTA50LP	500

0

Thread Sealant Paste

Features:

- temperature range: -300°F to 500°F (-184°C to 260°C)
- do not use with oxygen

Size	Part #	Optional Qty
½ pint	LCTS14	24
½ pint	LCTS1	24
1 pint	LCTS2	12
1 quart	LCTS3	12





Joint Sealant Gasket Material

Features:

- GORE-TEX® interchangeable
- Form-In-Place expanded PTFE gasket material with adhesive backing
- manufactured from 100% virgin PTFE
- unaffected by all common chemicals (pH from 0-14)
- · unlimited shelf life
- · resilient with low cold flow
- · requires less force than standard gasket materials
- pressure range: vacuum to 3000 PSI
- temperature range: -450°F to 600°F (-268°C to 316°C)
- made in the USA
- FDA compliant #21CFR177.1550
- larger spools are available, consult Dixon® for price and availability

Size	Length	Part #
1/4"	20'	LCJS4-20
1/4"	50'	LCJS4-50
3/8"	25'	LCJS6-25
1/2"	15'	LCJS8-15
3/4"	15'	LCJS12-15



Leak Detector

Features:

- · detects leaks by forming bubbles which remain for up to ten minutes
- will not cause corrosion or deterioration
- · color: fluorescent yellow
- non-toxic, non-freezing
- temperature range: -7°F to 180°F (-20°C to 82°C)
- meets Federal specification MIL-L-25567-C

Size	Part #	Case Qty
8 oz.	LCLD	24







Maintenance & Repair



Coupling Inserter for Large Hose

Features:

- inserts 4", 5", 6", 8", 10" and 12" couplings
 includes CI96AH pump (shown below)

- · coupling inserter pusher plates (not shown) must be purchased separately

Part #	
CI9	
Hose ID	Part #
4" - 5" 6" - 8" 10" - 12"	45CIPUSH 68CIPUSH 1012CIPUSH

Coupling Inserters

Application:

for insertion of hose shanks into hose with a 2¾" to 7¼" OD

Description	Part #
inserter with 10,000 PSI hand pump and 5 ton ram inserter with 10,000 PSI air/hydraulic pump and 5 ton ram small jaws for 1" to 3" OD hose	CI96 CI96AH CI9311SML

CI96



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Hand Hydrotest Pump

Application:

· designed for use in testing pipe lines, pressure tanks and pressure vessels

Features:

- uses check valves which are more efficient and longer lasting than poppet systems
- cylinder displacement: 1.37 cu. in.
- 0 -1000 PSI pressure gauge, 10' high pressure hose and quick disconnect coupler included
- piston: 1/8" with 2" stroke
- · stainless steel piston
- working pressure: 1000 PSI at 70°F (21°C)

NPT Inlet	NPT Outlet	Aluminum Part #
1/2"	1/2"	ННТР



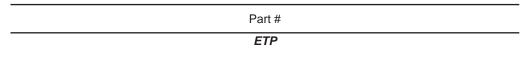
Maintenance & Repair

Hydrostatic Test Pumps

Electric Test Pump

Features:

- 110 volt Portable Hydrostatic Electric Pump Model (ETP)
- 3000 PSI maximum test pressure
- 1.3 GPM fill rate (at 60 PSI inlet water pressure)
- Quick connect garden hose coupler for water supply line available
- ½" x 25' intermediate hose with brass Straight-Thru Quick Coupler x NPSM swivel connection
- ½" brass Straight-Thru plug on pressure outlet
- 0 3000 PSI back mount liquid filled pressure gauge





Pneumatic Test Pump

Features:

- 5.5 GPM fill rate
- test pressure: 0 to 1500 PSI
- · stainless interior
- air gauge for quick, easy adjustment of maximum test pressure
- · high pressure test gauge
- · filter/regulator for clean, dry air to ensure long life of unit
- · on off valve for air input
- 15' of hose included
- easy to use: portable hand cart mount or stationary wall mount available
- · use of coalescing filter and water filter recommended for prolonged pump life

Hand Cart Mount	Wall Mount
Part #	Part #
PTP	PTP-WM







Maintenance & Repair

Hydrostatic Test Pump Accessories

Features:

- cost effective, pre-assembled caps or plugs allow quick set up for testing hoses
- caps and plugs equipped with ½" brass straight-through plug for quick attachment to the intermediate hose on the test pump (Pneumatic Test Pump) and bleed-off valve

Cam & Groove Test Caps for Male Adapters



cam a crosso root capo for maio / taaptoro	
Iron / Steel Part #	
ID100TC	
ID150TC	
ID200TC	
ID300TC	
ID400TC	

Cam & Groove Test Plugs for Female Couplers



Size	Iron / Steel Part #
1"	IA100TP
1½"	IA150TP
2"	IA200TP
3"	IA300TP
4"	IA400TP

Female NPT Test Caps



Size	Iron / Steel Part #
1"	NPT100TC
1½"	NPT150TC
2"	NPT200TC
3"	NPT300TC
4"	NPT400TC

Male NPT Test Plugs



Size	Iron / Steel Part #
1"	100TP
1½"	150TP
2"	200TP
3"	300TP
4"	400TP

Bleed-off Valve



Part #

FRL Attachment Accessories





Description	Part #
%" Wilkerson modular coalescing filter (automatic drain) %" Wilkerson modular coalescing filter (manual drain) modular sleeve needed to connect M16-03A or M16-03M	M16-03A M16-03M GPA-95-292

Sprinkler System Gauge (UL-393)







Features:

- specifically designed for the fire sprinkler industry
- Bourdon tube pressure gauges with black polycarbonate case
- snap-in clear polycarbonate window, 4" face
- · white aluminum dial with stop pin, black and red markings
- black aluminum non-adjustable pointer
- 1/4" NPT lower mount
- ASME B40.1 Grade B (+ 3/2/3% accuracy)
- U/L Listed (U/L-393) and Factory Mutual Approved for fire sprinkler service
- temperature range: -40°F to 140°F (-40°C to 60°C)

Туре	Part #
water (0-300 PSI)	SWG300-4



Line Test Gauges

Features:

- · rocker lug swivel
- used for testing static or flowing pressures in hoses or nozzles
- supplied with **0-300 PSI** glycerine filled 3½" diameter gauge
- freeze proof to -40°F (-40°C)
- other sizes and threads are also available, contact Dixon®

NST (NH) Thread	Hardcoated Aluminum Part #
1½"	ALTG150F
2½"	ALTG250F



Three Way Gauge Valve

Features:

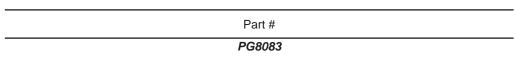
- · permits checking or replacing a gauge without shutting down the whole line
- · disc: rubber

NPT Thread	Working Pressure (PSI)	<i>Brass</i> Part #
1/4"	175	TWGV25



PITOT Gauge

- liquid filled gauge 0-160 PSI is standard, other pressures available, contact Dixon[®]
- · supplied with handle grip, case and fire stream/friction loss data





Sprinkler Line Tester

Feature:

· installs on the last sprinkler head on system branch lines and controls water flow for flushing or testing the system

Inlet	Outlet	<i>Brass</i> Part #
1" female NPT	1" male NPSH	SLT10050







Maintenance & Repair



Dixon® Coupling Lubricant

Application:

for use in assembly operations involving natural or synthetic rubber or plastic, also an
excellent lubricant when rubber or plastic needs to be cut, machined, pressed, turned,
trimmed or ground

Features:

- biodegradable lubricant for coupling shanks, O-rings, hoses, sleeves, rubber washers and grommets
- once coupling lubricant drys, slipping action goes away

Size	Part #
1 liter	DCL20
4 liters	DCL80

WD-40 Smart Straw

Features: • permane

- · permanently attached straw
- flip up for a precision spray; flip down for regular spray action
- sold in case quantities only
- should not be used as a lubricant for coupling shanks



Size	Part #	Case Qty
11 oz.	WD40	12

Spill Kits



oil spill kit

Features:

- easily stored behind a seat or in a storage compartment allowing drivers to act quickly when responding to a spill
- poly-zip bag and bucket kits feature:
 - 10 pads (15" x 19")
 - 3 socks (3" x 4')
 - 2 disposal bags with ties
 - 1 pair nitrile gloves

Description	Part #
oil only, in 6½ gallon pail	DSK5-O
universal, in 6½ gallon pail	DSK5-U
oil only, in clear poly bag with zipper	DSKB-O
universal, in clear poly bag with zipper	DSKB-U

DPL418



universal spill kit

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Dixon® Soft Hose Mallet

Features:

- soft mallet for pounding metal objects without damaging them
- · head material is firmly attached to strong shaft-handle and will not crack
- length: 23"
- weight: 10 lbs.

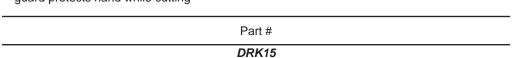
Part #
DCM1



Dixon® Hose Knife

Features:

- · for fast cutting of rubber hose and belting
- · guard protects hand while cutting





Diameter Tape

Features:

- 6' tape for quickly finding the outside diameter of any cylindrical object
- · converts circumference to OD at the measured point
- ABS case

Part #

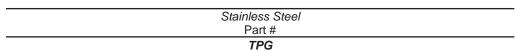
DDT1



Screw Pitch Gauge

Features:

- · used to determine threads per inch
- 30 leaves









Maintenance & Repa<u>i</u>r

Bottle Opener

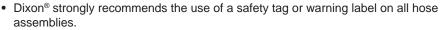


Brass Part #

CAMOPENER

Safety Tag

Features:





sold in quantities of 100 only



Length	Width	Part #
5"	2%"	DWL100

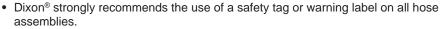


WARNING!!

- · worn-out hose fittings should be replaced
- · loose clamps on hose can be dangerous
- bolt type clamps should be retensioned regularly
- for extra safety, retaining devices such as clips, chains or cables must be used

Safety Tape

Features:





• length of tape - 55 yards, approximately 255 warnings



Length	Part #
1½"	DSTW



WARNING!!

- · worn-out hose fittings should be replaced
- · loose clamps on hose can be dangerous
- bolt type clamps should be retensioned regularly
- · for extra safety, retaining devices such as clips, chains or cables must be used



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Stretch Straps

Features:

- durable tie down straps
- made of EPDM
- length does not include S-hooks
- S-hooks are steel

Length	Part #
10"	SSE10
15"	SSE15
21"	SSE21
31"	SSE31
41"	SSE41



WARNING!!

Failure to comply with this warning may result in serious damage and/or personal injury.

Maximum end to end safe stretch = 150% of length

- · do not exceed maximum safe stretch
- inspect before each use, do not use if strap is cut, cracked or abraded
- inspect hooks for damage and/or wear. Replace if needed.
- protect strap from sharp edges or heat.
- · wear eye protection during use
- do not use this product as the primary tie down
- refer to federal or state regulations for proper tie down methods

Pick Head Fire Axe

Features:

- red trim
- 36" hickory handle
- listed in the minimum requirements approval guides for outfitting hose houses and hose cabinets by insurance underwriters

Description	Part #
6 lb. axe axe brackets	PHFA6 PHFA-B-A















Grease Whip Hose Assemblies

Features:

- for use with hand grease guns only
- one piece crimp couplings
- 1/8"-27 male NPT thread, solid base
- US manufactured 3/16" ID hose exceeds SAE 100R1-AT
- add "S" to order strain relief spring option
- working pressure: 3000 PSI

	Bra	ass
Assembly Length	Previous Part #	Part #
8"	GWH-0800	GWH0800
12"	GWH-1200	GWH1200
		GWH1200R ¹
40"	GWH-1800	GWH1800
18"		GWH1800R ¹
24"	GWH-2400	GWH2400
36"	GWH-3600	GWH3600
48"	GWH-4800	GWH4800
60"	GWH-6000	GWH6000

¹ retail packaging

Grease Whip Hose Fittings

Features:

- 001-0055, 001-0260 and 001-0860 are designed to be crimped to 3/16" ID hose
- GWH-C and GWHC-FF mate with Zerk fittings on the coupler side

Grease Hose Couplers



Description	Zinc Pla	Optional	
Description	Previous Part #	Part	Qty
1/8"-27 female NPT thread, grease hose coupler with ball check - valved shutoff	GWH-C	GWHC	25
1/8"-27 female NPT thread, full flow grease hose coupler		GWHC-FF	25

Add 'R' suffix to part number for retail pack option

Male NPT Thread - Chamfered Base



Description	Bra	Optional	
Description	Previous Part #	Part #	Qty
1/8"-27 male NPT thread, drilled and chamfered base	001-0055	0010055C	100

Male NPT thread - Solid Base



Description	Bra	Optional	
Description	Previous Part #	Part #	Qty
1/8"-27 male NPT thread, solid base	001-0260	0010260C	100

Female NPT Thread



Description	Bra	Optional	
Description	Previous Part #	Part #	Qty
1/8"-27 female NPT thread	001-0860	0010860C	100

DPL418





Grease Whip Fittings - Zerk

Straight

Thread	Description	Overall Length	Thread Length	Hex	Zinc Plated Steel Part #	Pkg Qty
1/8-27 NPT	straight	.660"	.260"	.430	GWHZ000	100
1/4-28 tapered SAE-LT	straight	.530"	.200"	.312	GWHZ400	100



45°

Thread	Description	Overall Length	Thread Length	Hex	Zinc Plated Steel Part #	Pkg Qty
1/8"-27 NPT	45°	.860"	.280"	.430	GWHZ045	100
1/4"-28 tapered SAE-LT	45°	.800"	.200"	.375	GWHZ445	100



90°

Thread	Description	Overall Length	Thread Length	Hex	Zinc Plated Steel Part #	Pkg Qty
1/8"-27 NPT	90°	.830"	.310"	.430	GWHZ090	100
1/4"-28 tapered SAE-LT	90°	1.20"	.200"	.375	GWHZ490	100



Grease Whip Fittings - Zerk Retail Packaged

All items sold in retail packets of 10: Order 1 for 1 retail pack of 10 pieces.

Straight

Thread	Description	Overall Length	Thread Length	Hex	Zinc Plated Steel Part #
1/8"-27 NPT	straight	.660"	.260"	.430	GWHZ000R
1/4"-28 tapered SAE-LT	straight	.530"	.200"	.312	GWHZ400R



45°

_	Thread	Description	Overall Length	Thread Length	Hex	Zinc Plated Steel Part #
-	1/8"-27 NPT	45°	.860"	.280"	.430	GWHZ045R
	1/4"-28 tapered SAF-LT	45°	.800"	.200"	.375	GWHZ445R



90°

Thread	Description	Overall Length	Thread Length	Hex	Zinc Plated Steel Part #
1/8"-27 NPT	90°	.830"	.310"	.430	GWHZ090R
1/4"-28 tapered SAE-LT	90°	1.20"	.200"	.375	GWHZ490R



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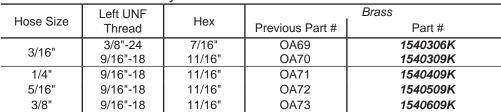


Maintenance & Repair

Oxy-Acetylene Hose Couplings

Acetylene Couplings

left-hand thread for acetylene line x hose shank





right-hand thread for oxygen line x hose shank



	Hose Size	Right UNF	Hex		Brass
	nose size	Thread	пех	Previous Part #	Part #
ľ	2/4.0"	3/8"-24	7/16"	OA59	1520306K
	3/16"	9/16"-18	11/16"	OA60	1520309K
	1/4"	9/16"-18	11/16"	OA61	1520409K
	5/16"	9/16"-18	11/16"	OA62	1520509K
	3/8"	9/16"-18	11/16"	OA63	1520609K

Oxy-Acetylene Connecting Spuds

Left-hand Thread x Left-hand Thread



Left UNF	Hav	Brass		
Thread	Hex	Previous Part #	Part #	
9/16"-18	11/16"	OA52	1580909C	

Right-hand Thread x Right-hand Thread



Right UNF	11	Brass					
Thread	Hex	Previous Part #	Part #				
9/16"-18	11/16"	OA50	1560909C				

Oxy-Acetylene Adapters

Left-hand Thread x NPTF



Left UNF	NPTF	1.1	Brass					
Thread	Thread	Hex	Previous Part #	Part #				
9/16"-18	1/4"	5/8"	158-0904	1580904C				
9/10 - 18	3/8"	11/16"	158-0906	1580906C				

Right-hand Thread x NPTF



	Right UNF	NPTF	Have		Brass	
	Thread	Thread	Hex	Previous Part #	Part #	
9/16"-18		1/4"	5/8"	156-0904	1560904C	
	9/10 -10	3/8"	11/16"	156-0906	1560906C	

Oxy-Acetylene Ferrules

· sold in package quantities only



Inside Dimensions	Overall Length	Metal Gauge	Standard Ind. Part #	<i>Brass</i> Part #	Qty
.458" x 0.890"	15/32"	.019"	9116	BFO448	25
.474" x 0.943"	15/32"	.019"	9979	BFO474	25
.535" x 1.071"	3/4"	.024"	9940P	BFO535	25
.593" x 1.109"	3/4"	.024"	9593	BFO593	25
.700" x 1.325"	.719"	.025"	8337	BF0700	25



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Proposition 65 Information



As a company that may sell or distribute Dixon® couplings, adapters, valves and connectors made of brass to California consumers or to other persons or entities that may sell such items to California consumers, Dixon® is obligated to notify you of the following:

Such products may not be sold to California consumers unless it either contains less than 300 ppm of lead when analyzed pursuant to the EPA test method 3050B or equivalent or is sold or distributed with a clear, reasonable and conspicuous

So long as it is prominently displayed on the product or the packaging of the product, the following warning complies: "WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. Do not use in connection with drinking water. Wash hands after handling.'

As to internet sales only, if the product is not labeled with the required warning, there must be a warning message by a clearly marked hyperlink on the product display page or otherwise prominently displayed to the purchaser before the purchaser completes the purchase of the product.

There are significant penalties associated with failure to comply with these requirements. Should you need further explanation or assistance in complying with notice, please do not hesitate to contact Dixon® at sales@dixonvalve.com.

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

Hose and Hose Coupling Safety

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

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.

General Safety Information

Pressure Ratings
Pressure ratings for couplings, as stated in this catalog, are based upon ambient temperature **70°F** (**21°C**) 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.

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 917). 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.

continued on the next page

^{1 &}quot;Handbook of Compressed Gases"

General Safety Information, continued

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 All nose 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 down time 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 below). If anyone is uncertain about the use or application of a product. Dixon® can provide test

assembly components (see below). 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.

Be Safe

Hose assemblies must be inspected prior to each use. Worn out fittings, attachment devices, hose and accessory items must be replaced. Retaining devices (safety devices) such as clips, cables or chains must be used. Clamps must be checked regularly to the specified torque found in the Dixon® literature. Under no circumstance should any coupling be disconnected while under pressure unless the coupling is specifically designed to do so. Disconnecting couplings under pressure could result in serious injury or death, and destruction to property and equipment.

For all hose assemblies in use:

- Beware Hose assemblies when used improperly or in the wrong application can be dangerous. The maximum working pressure shown on the hose is not an indication of the working pressure of the assembly. Based on the hose, fittings and attachment method used, all assemblies should be permanently marked with the designed working pressure and the intended media. The assembly working pressure should be permanently displayed. Hose assemblies must be used for the intended service only. Never alter manufactured product or substitute component parts.
- Eliminate hazardous conditions by inspecting, maintaining and testing hose assemblies. Dixon® recommends that all hose assemblies be tested in accordance with the hose manufacturer's specifications. The application determines the regularity of the re-testing schedule.
- Secure and inspect hose, fittings, clamping devices and safety accessories before each use. Never take for granted that the coupling or attachment devices are properly installed.
- inspect and re-tighten the bolts of any bolt style clamping device to the manufacturer's torque specifications. Always -
- Fittings hose and clamping devices that are worn out or damaged must be removed from service.
- your employees about the proper use, care and potential hazards of hose assemblies. Take advantage of Dixon's Educate free Hose Assembly Safety Program and the follow up Training Seminar to aid you in setting up your own inspection program. Any questions on applications, use or assembly call 800.355.1991.

S.T.A.M.P.E.D.

When fabricating and specifying hose assemblies ask the following questions:

What is the ID (Inside Diameter) of the hose? What is the OD (Outside Diameter) of both ends of Size:

the hose? What is the overall length of the assembly required?

Temperature: What is the temperature range of the media (product) that is flowing through the hose assembly?

What is the temperature range of the environment that surrounds the outside of the hose assembly? How is the hose assembly actually being used? Is it a pressure application? Is it a vacuum (suction)

application? Is it a gravity flow application? Are there any special requirements that the hose assembly is

expected to perform? Is the hose being used in a horizontal or vertical position?

Media:

Are there any pulsations or vibrations acting on the hose assembly? What is the media/material that is flowing through the hose assembly? Being specific is critical.

Check for: Abrasive materials, chemical compatibility, etc.

What is the maximum pressure including surges (or, maximum vacuum) that this hose assembly will be Pressure:

subjected to? Always rate the maximum working pressure of your hose assembly by the lowest rated

component in the system.

Ends: What couplings have been requested by the user? Are they the proper fittings for the application and hose

Application:

Dixon® recommends that, based on the hose, fittings and attachment method used, all assemblies be Dixon®: permanently marked with the designed working pressure and intended media. Do not use other

manufacturer's fittings or ferrules with Dixon® products due to the differences in dimensions and tolerances. We also recommend that all hose assemblies be tested frequently. Be Safe: Any questions on application, use or

assembly call 800.355.1991.

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Force Chart

- For hose ID's from 11/4" to 12" the force in pounds is greater than the PSI.
- Force is the dynamic power which is exported longitudinally through a hose, towards the ends. To arrive at the number of pounds of force exerted, you merely multiply the area of the ID times the working pressure being used.
- Area of a circle: r² (PI [3.1416] times radius squared)
- Force = Area x Pressure

Force (In Pounds)

nica	Hose ID	25 PSI	50 PSI	75 PSI	100 PSI	150 PSI	200 PSI	250 PSI	300 PSI	500 PSI	1000 PSI
C	1/4"	1	2	4	5	7	10	12	15	25	49
ě	3/8"	3	6	8	11	17	22	28	33	55	110
	1/2"	5	10	15	20	29	39	49	59	98	196
	3/4"	11	22	33	44	66	88	110	133	221	442
	1"	20	39	59	79	118	157	196	236	393	785
	11/4"	31	61	92	123	184	245	307	368	614	1227
	11/4"	44	88	133	177	265	353	442	530	884	1767
	2"	79	157	236	314	471	628	785	942	1571	3142
	21/4"	123	245	368	491	736	982	1227	1473	2454	4909
	3"	177	353	530	707	1060	1414	1767	2121	3534	7069
	4"	314	628	942	1257	1885	2513	3142	3770	6283	12566
	5"	491	982	1473	1964	2945	3927	4909	5891	9818	19635
	6"	707	1414	2121	2827	4241	5655	7069	8482	14137	28274
	8"	1257	2513	3770	5027	7540	10053	12566	15080	25133	50266
	10"	1964	3927	5891	7854	11781	15708	19635	23562	39270	78540
	12"	2827	5655	8482	11310	16965	22620	28274	33929	56549	113098

Safety Products and Recommendations in the Dixon® Price List

Safety is everyone's concern!

Dixon® provides many safety products designed to protect personnel and property. Recommendations and safety warnings are also included for your review.

Hose and coupling safety	page 916
S.T.A.M.P.E.D.	
EZ Boss-Lock™ handles	
Cam and groove safety clips	page 171
Air King™ - not to be used for steam statement	page 283
King™ cable safety cables	page 362
Safety shut-off valves, OSHA REG. 1926.302	page 556
30 PSI safety blow guns	page 371
Safety vented ball valves	page 534
Safety tags and safety tape	page 910
The importance of whip hose statement	

MSHA (Mine Safety and Health Administration) Regulations

30 CFR Sections 56.13021 and 57.13021

Except where automatic shut-off valves are used, safety chains or other suitable locking devices shall be used at connections to machines of high-pressure hose line of ¾" inside diameter or larger, and between high-pressure hose lines of ¾" inside diameter or larger, where a connection failure would create a hazard.

30 CFR Section 75.1730

(e) Safety chains, suitable locking devices, or automatic cut-off valves shall be used at connections to machines of high-pressure hose lines of ¾" inside diameter or larger, and between high-pressure hose lines of ¾" inside diameter or larger, where a connection failure would create a hazard. For purposes of this paragraph, high-pressure means pressure of 100 PSI or more.

30 CFR Section 77.412



(d) Safety chains or suitable locking devices shall be used at connections to machines of high-pressure hose line of 1" inside diameter or larger, and between high-pressure hose line of 1" inside diameter or larger, where a connection failure would create a hazard.

The regulations may be viewed in full on the Mine Safety and Health Administration website, msha.gov, please check the website for updates.

OSHA Regulations

Standards - 29 CFR, 1910.242 (partial):

(b) Compressed air used for cleaning - Compressed air shall not be used for cleaning purposes except where reduced to less than 30 PSI and then only with effective chip guarding and personal protective equipment.

Standards - 29 CFR, 1915.131 (partial):

(e) Before use, pneumatic tools shall be secured to the extension hose or whip by some positive means to prevent the tool from becoming accidentally disconnected from the whip.

Standards - 29 CFR, 1926.302 (partial):

- (b)(1) Pneumatic power tools shall be secured to the hose or whip by some positive means to prevent the tool from becoming accidentally disconnected.
- (b)(2) Safety clips or retainers shall be securely installed and maintained on pneumatic impact (percussion) tools to prevent attachments from being accidentally expelled.
- (b)(3) All pneumatically driven nailers, staplers and other similar equipment provided with automatic fastener feed, which operate at more than 100 PSI pressure at the tool shall have a safety device on the muzzle to prevent the tool from ejecting fasteners, unless the muzzle is in contact with the work surface.
- (b)(4) Compressed air shall not be used for cleaning purposes except where reduced to 30 PSI and then only with effective chip guarding and personal protective equipment which meets the requirements of Subpart E of this part. The 30 PSI requirement does not apply for concrete form, mill scale and similar cleaning purposes.
- (b)(5) The manufacturer's safe operating pressure for hoses, pipes, valves, filters and other fittings shall not be exceeded.
- (b)(6) The use of hoses for hoisting or lowering tools shall not be permitted.
- (b)(7) All hoses exceeding ½" inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in case of hose failure.

Standards - 29 CFR, 1926.306:

- (a) General requirements
- (a)(1) Application. This section applies to compressed air receivers, and other equipment used in providing and utilizing compressed air for performing operations such as cleaning, drilling, hoisting, and chipping. On the other hand, however, this section does not deal with the special problems created by using compressed air to convey materials nor the problems created when men work in compressed air as in tunnels and caissons. This section is not intended to apply to compressed air machinery and equipment used on transportation vehicles such as steam railroad cars, electric railway cars, and automotive equipment.

 (a)(2) New and existing equipment.
- (a)(2)(i) All new air receivers installed after the effective date of these regulations shall be constructed in accordance with the 1968 edition of the A.S.M.E. Boiler and Pressure Vessel Code Section VIII.
- (a)(2)(ii) All safety valves used shall be constructed, installed and maintained in accordance with the A.S.M.E. Boiler and Pressure Vessel Code, Section VIII Edition 1968.
- (b) Installation and equipment requirements
- (b)(1) Installation. Air receivers shall be so installed that all drains, handholes, and manholes therein are easily accessible. Under no circumstances shall an air receiver be buried underground or located in an inaccessible place.
- (b)(2) Drains and traps. A drain pipe and valve shall be installed at the lowest point of every air receiver to provide for the removal of accumulated oil and water. Adequate automatic traps may be installed in addition to drain valves. The drain valve on the air receiver shall be opened and the receiver completely drained frequently and at such intervals as to prevent the accumulation of excessive amounts of liquid in the receiver.
- (b)(3) Gauges and valves.
- (b)(3)(i) Every air receiver shall be equipped with an indicating pressure gauge (so located as to be readily visible) and with one or more spring-loaded safety valves. The total relieving capacity of such safety valves shall be such as to prevent pressure in the receiver from exceeding the maximum allowable working pressure of the receiver by more than 10 percent.
- (b)(3)(ii) No valve of any type shall be placed between the air receiver and its safety valve or valves.

Standards - 29 CFR, 1926.603 (partial):

- (a)(9) Steam hose leading to a steam hammer or jet pipe shall be securely attached to the hammer with an adequate length of at least ¼" diameter chain or cable to prevent whipping in the event the joint at the hammer is broken. Air hammer hoses shall be provided with the same protection as required for steam lines.
- (a)(10) Safety chains, or equivalent means, shall be provided for each hose connection to prevent the line from thrashing around in case the coupling becomes disconnected.

The regulations may be viewed in full on the OSHA website, osha.gov, please check the website for updates.

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Solutions on Site Vans by Dixon®

Safety & Technical



Our Solutions on Site (SOS) vans are outfitted with product samples, videos, literature and products representative of what Dixon® provides to specific markets. Call 800.355.1991 for additional information.

Best Practices Safety Assessment

Dixon®, in partnership with your industrial hose supplier, is pleased to offer a hose and coupling safety survey of your plant, at no cost to you, to assist in your efforts to make your facility as safe, efficient and productive as possible.

Today, plant safety is an enormous, ongoing endeavor in which it is impossible to be an expert in every field.

The use of damaged or misapplied hose couplings and related items occurs. To the untrained eye, these hazards may continue to exist until an accident happens, threatening not only plant machinery, but also the well-being of plant personnel.

Our program includes a visual inspection of hose assemblies and related accessories in your plant by trained technicians. A professionally written report containing our observations and recommendations for corrective action is subsequently provided to augment your own ongoing safety program. If desired, photographs of the areas of concern can be supplied with the report. As a follow-up, the program offers an educational hands-on seminar directly relating to the safety concerns in your facility.

Plant safety is coming under increasing scrutiny by various regulatory agencies. Let Dixon® trained personnel assist you in establishing and maintaining safety compliance in your plant.

The safety survey report is completely confidential and will only be shown to authorized plant personnel. For more information, please contact Dixon® at 800.355.1991.

Hose Coupling Workshop

In an effort to provide our customers with information regarding the proper and safe methods of assembling hose and couplings, Dixon® offers Hose Coupling Workshops suitable for a company's sales force and shop personnel.

Classes consist of lectures and/or hands-on demonstrations of coupling selection, hose preparation, coupling installation, assembly testing and maintenance procedures. Morning, afternoon and all day classes are available. For more information, please visit dixonvalve.com/hcw or call 800.355.1991.

We encourage you to share this information with anyone who may be affected by the selection, installation, maintenance or use of any hose assembly. Always use quality products to **Be Safe**.



Selecting Materials

This information is intended to help make general comparisons between different available materials.

Material	Features and Benefits
Stainless Steel	A corrosion-resistant material that provides high strength at high temperatures, helps prevent contamination of product being transported, maintains cleanliness, and retains a lustrous appearance. Harder then brass. <i>Type 304</i> is a low-carbon chromium-nickel stainless steel. <i>Type 316</i> is similar to type 304, but has a high nickel content as well as a molybdenum for stronger resistance to heat and corrosion. Often used for water, oil, gas, and steam in low- to high-pressure applications.
Brass	Has good corrosion resistance and is less expensive than stainless steel. Is softer and easier to thread than stainless steel and forms tight seals. It can be used interchangeably with copper where heavier walls are required. Found in plumbing and heating application. Also good with oil, natural gas, and air. Resists corrosion from salt water as well as fresh water polluted with waste from mineral acids and peaty soils. Use in low- to high-pressures applications.
Steel	Used in noncorrosive environments. This carbon- and iron-based metal is hard and strong. It is an economical alternative to stainless steel and brass in high-pressure applications. For use with water, oil, gas, and steam in low-to high-pressure applications where corrosion is not a problem.

Product application is based not only on material selection but on design of product for intended use. Please contact Dixon® for selection of the proper fitting for your application.



Corrosion Resistance of Coupling Material

The data on the following pages has been compiled from generally available sources and should not be relied upon without consulting and following the specific recommendations of the manufacturer regarding particular coupling materials.

Ratings

Metal

- 1 = Excellent
- 2 = Good
- 3 = Fair
- X = Not Recommended
- = Contact Dixon[®]

Non-Metal

- A = Acceptable
- X = Not Recommended
- = Contact Dixon®

Gasket/Seal Material

- T = PTFE
- V = FKM
- E = EPDM, EPR
- N = Neoprene
- B = Buna N
- Ratings given are based at 70°F (21°C). Chemical compatibility varies greatly with temperature. For applications at temperatures other than 70°F (21°C), contact Dixon® for recommendations at 800.355.1991.
- Gasket / seal materials are not necessarily listed in order of preference.
- Chemical resistance of a material does not necessarily indicate the suitability of a fitting in a given application due to variables such as improper clamp and coupling application, special hose construction, gasket material, etc.



Special caution should be taken when handling hazardous materials.

Safety &

Acetylene	Acetate Solvents (Crude) Acetate Solvents (Pure) Acetic Acid (80%) Acetic Acid (50%) Acetic Acid (20%) Acetic Acid (10%) Acetic Anhydride Acetone	UnuiwnIW	X	9ZUOJZ X X X X Z 2 2 2	1 Hastelloy, 1 C-276	N X X N Malleable Iron Carbon Steel	2 1 1 2 2 2 2	Stainless 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 2 1 2	Stainless 1 Steel,316	uolyn A X X X X X X A	XXXXXX Polypropylene	Seal ANVET B
Amy Alcohol			X	X	2	2	2		1	X	X	TEVNB
Benzyl Alcohol												TE) (115
Butyl Alcohol				2	2	2	1 1			A		
Diacetone Alcohol						2						TE//N
Ethyl Alcohol												
Isobuty Alcohol	Ethyl Alcohol	1					2					
Isopropy Alcohol 2 2 2 2 2 2 2 2 2		1		-			-		-			-
Methyl Alcohol (Methanol)									-			- TEVAID
Octv Alcohol							2					TENR
Propyl Alcohol		1	1	ı			i					-
Aluminum Chloride (Agu.)	Propyl Alcohol	2	2	2	1	2	2	1	1		Α	TEVNB
Aluminum Fluoride (Sat.)												TE) (115
Aluminum Nitrate (Sat.)			•	-		X	X	X				
Aluminum Potassium Sulfate (Alum)				-			i					
Aluminum Sulfate (Sat.)		2				X						
Ammonia Anhydrous	Aluminum Sulfate (Sat.)	X	X		2	X						
Ammonia Gas Ammonia Nitrate												
Ammonia Nitrate - - - - - - X - X - - X - - X - - X -				X								
Ammonium Ammonium Biflouride - X - 2 X 2 - - X A TEVB TEVB Ammonium Carbonate (Sat.) 2 X X 2 2 2 2 2 A A TEVNB Ammonium Carbonate (Sat.) X X X 2 2 X X A -		1										IENB
Ammonium Biflouride - X - 2 X 2 - - X A TEVB Ammonium Carbonate (Sat.) 2 X X 2 2 2 2 2 A A TEVNB Ammonium Carbonate (Sat.) X X X 2 2 X X A -		-	_	_	_	-	_	_	-		-	-
Ammonium Casenate		-	Х		2	Х	2			Х	Α	TEVB
Ammonium Chloride (Sat.)		2	Х	Х	2	2	2	2	2		Α	TEVNB
Ammonium Hydroxide (Sat.)						-						
Ammonium Nitrate 2 X X - X X - A A TENB Ammonium Phosphate (10-40%) X X X X 2 1 2 A A TEVNB Ammonium Sulfate (10-40%) X X X 3 2 X 2 A A TEVNB Aniline - X 2 2 X 2 1 1 X X TV Arsenic Acid X X 2 2 X X 2 2 X A TEVNB Asphalt - - - 2 2 X X TV TV Barium Carbonate (Sat.) X 2 2 2 2 2 2 A A TEVNB Barium Chloride (Sat.) X 2 2 2 2 2 2 2 A A TEVNB Bari												
Ammonium Phosphate (10-40%) X X X X X X Z X Z A TEVNB Ammonium Sulfate (10-40%) X X 3 2 X 2 X 2 A A TEVNB Aniline - X X 2 2 X 2 2 X 2 2 X<							X					
Anmonium Sulfate (10-40%) X X 3 2 X 2 X 2 A A TEVNB Aniline - X 2 2 X 2 1 1 X X TV Arsenic Acid X X 2 2 X X 2 2 X X TV Asphalt - - - - - - - - 2 2 X X TV Barium Carbonate (Sat.) X 2 2 2 2 2 2 A A TEVNB Barium Chloride (Sat.) - 2 2 2 1 - 2 X - A A TEVNB Barium Hydroxide (Sat.) X 2 X 2 2 2 1 2 2 A A TEVNB Barium Sulfate 2 2 2 2 <t< td=""><td></td><td>X</td><td>X</td><td>X</td><td></td><td>X</td><td>2</td><td></td><td></td><td></td><td></td><td></td></t<>		X	X	X		X	2					
Aniline	Ammonium Sulfate (10-40%)		Х	3		Χ		Х		Α	Α	TEVNB
Asphalt							2					
Barium Barium Carbonate (Sat.) X 2 2 2 2 2 2 2 2 2 2 A A TEVNB Barium Chloride (Sat.) - - 2 2 1 - 2 X - A A TEVNB Barium Hydroxide (Sat.) X 2 X 2 2 2 1 - 2 2 A A TEVNB Barium Sulfiate 2 2 2 - X 2 2 2 2 A A TEVNB Berium Sulfiate X X X X X X X 2 2 2 A A TEVNB Beer 1 2 2 1 2 1 1 1 1 2 2 2 2 2 2 2 X X TV TEVNB TEVNB TEVNB TEVNB TEVN			1			X						
Barium Carbonate (Sat.) X 2		-	-	-	_	2	-	_	2			I V
Barium Chloride (Sat.) - 2 2 1 - 2 X - A A TEVNB Barium Hydroxide (Sat.) X 2 X 2 2 2 1 2 2 A A TEVNB Barium Sulfide X<		Х	2	2	2	2	2	2	2	Α	Α	TEVNB
Barium Sulfate 2 2 2 2 2 2 2 2 A A TEVNB Berium Sulfide X X X X X X X 2 2 X 2 2 A A TEVNB Beer 1 2 2 1 2 1 1 1 A A TEVNB Benzaldehyde 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 X X TEVNB Benzene, Benzol 1 2 2 2 2 2 2 2 2 2 2 2 A X TV Benzine - - - - - - - A X TVN Black Liquor X X X X X X X	Barium Chloride (Sat.)	-	2	2	1	-	2	Х		Α	Α	TEVNB
Barium Sulfide X												
Beer 1 2 2 1 2 1 1 1 A A TEVNB Benzaldehyde 2 3 X X 7 7 3 4 7 7 4 X 7 -			2	2		X	2					
Benzaldehyde 2 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>						2						
Benzene, Benzol 1 2 2 2 2 2 2 A X TV Benzine - - - - - - - - - - - A X - - - A X - - - - - A X TV -												
Benzoic Acid 2 2 2 2 2 2 2 2 2 2 2 2 2 X X TVN Black Liquor X X X X - - 2 2 2 X A TEVNB Bleach (12.5% Active Chlorine) X - - 1 X - - X X A TEVNB Borax X X 2 2 1 2 1 1 1 X A TEVNB Boric Acid 1 X 2 1 X 2 - - X A TEVNB Bromic acid X			2			2	2			Α	Х	TV
Black Liquor X X X X X X - 2 2 2 X A TEVNB Bleach (12.5% Active Chlorine) X - - 1 X - - X X A TEVNB Borax X X 2 2 1 2 1 1 X A TEVNB Boric Acid 1 X 2 1 X 2 - - X A TEVNB Bromic acid X												
Bleach (12.5% Active Chlorine) X - - 1 X - - X X A TEVN Borax X 2 2 1 2 1 1 1 X A TEVNB Boric Acid 1 X 2 1 X 2 - - X A TEVNB Bromic acid X X X X X X - - X A TEVNB Bromine Liquid 2 - - - - X <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>												
Borax X 2 2 1 2 1 1 X A TEVNB Brine Acid - 2 2 1 - - - X			1									
Boric Acid 1 X 2 1 X 2 - - X A TEVNB Brine Acid - 2 2 1 - - - X A TEVNB Bromic acid X X X X - - X - - X A TEVNB Bromine Liquid 2 - - - - X X X X TV Butadiene, Butylene 2 2 2 2 2 2 2 X X TV Butane 2 2 2 2 2 2 2 2 2 2 2 2 2 A X TV Butyl Acetate 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2												
Brine Acid - 2 2 1 - - - X A TEVNB Bromic acid X X X X - - X - - X A TEVN Bromine Liquid 2 - - - - X X X X TV Butadiene, Butylene 2 2 2 2 2 1 1 2 2 X X TVNB Butane 2 2 2 2 2 2 2 2 2 2 2 2 A X TV Butyl Acetate 1 2	Boric Acid		Х	2	1	X				Х		TEVNB
Bromine Liquid 2 - - - - X X X X X TV Butadiene, Butylene 2 2 2 2 2 2 2 2 X X X X TVNB Butane 2 2 2 2 1 1 2 2 X X TV Butyl Acetate 1 2 2 2 2 2 2 2 A X T								-	-	X		TEVNB
Butadiene, Butylene 2 2 2 2 2 2 2 X X TVNB Butane 2 2 2 2 1 1 2 2 X X TV Butyl Acetate 1 2 2 2 2 2 2 2 A X T				i			i	-	-			
Butane 2 2 2 2 1 1 2 2 X X TV Butyl Acetate 1 2 2 2 2 2 2 2 A X T												
Butyl Acetate											X	
												Т
		2										

		mac	.criai c	Selecti							
AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Calcium											
Calcium Bisulfate	X	-	Х	-	X	X	X	2	X	Α	
Calcium Bisulfide	-	-	-	-	-	2	-	2	A	Α	TVB
Calcium Bisulfite	X	X	2	2	X	X	-	2	X	A	TVNB
Calcium Bromide Calcium Carbonate	X	2	2	2	2	2	1 1	X 2	X A	X	TVNB T TEVB TEVNB
Calcium Chloride (Sat.)	-	2	-	1	2	2		_	A	A	TEVNB
Calcium Hydroxide (Sat.)	X	2	X		2	2	2	2	A	A	TEVNB
Calcium Hypochlorite (Sat.)	X	X	X	-	X	X	X	2	X	A	TEV
Carbon											
Carbon Bisulfide	1	Х	2	2	2	Х	2	2	Α	Х	TV
Carbon Dioxide (Dry)	1	1	2	1	2	1	2	2	Α	Α	TENB
Carbon Dioxide (Wet)	1	Х	-	2	3	-	2	2	X	Α	TENB
Carbon Disulfide	1	Х	2	2	2	Х	2	2	Α	X	TV
Carbon Monoxide	1	1	1	1	2	1	1	1	A	A	TEVNB
Carbon Tetrachloride Carbonic Acid	X 1	2	2	1 1	2	3	2	2	A X	X A	TV TEVNB
Castor Oil	2	2	2	1	2	1	2	2	X	A	TEVNB
Caustic Potash	X	-	-	1	X		-	2	A	A	TEVNB
Caustic Soda (see Sodium Hydroxide)				,	, X					/\	TEVIND
Cellosolves	2	2	2	2	2	2	2	2	Х	Α	TE
Chlorine (Liquid)	-	-	-	1	2	2	-	3	Х	Х	TV
Chloroform	-	-	-	2	Х	1	-	-	Х	Х	TV
Chlorosulfonic Acid	-	Х	Х	1	2	2	Х	Х	Х	Х	Т
Clorox (Bleach, 5.5% CL)	Х	-	-	-	Х	-	-	2	Χ	-	TEVB
Chromic Acid (50%)	2	Х	X	2	X	X	3	-	X	Х	TVNB
Citric Acid	3	X	X	1	X	2	-	-	X	A	TEVNB
Coke Oven Gas Copper	2	3	3	-	2	2	2	2	Χ	Χ	TEVN
Copper Chloride	Х	Х	Х	2	X	Х	Х	Х	Α	Α	TEVNB
Copper Cyanide	X	X	X	1	-	X	2	2	X	-	TEVNB
Copper Sulfate	X	X	X	1	Х	X	-	2	A	Α	TEVNB
Crysylic Acid (Conc.)	2	2	Х	-	2	3	2	2	Х	Х	TEV
Cyclohexane	2	2	2	2	2	1	2	2	Α	Х	TVB
Detergents	2	2	2	1	2	-	1	2	Α	Α	TEVNB
Dextrose	2	-	-	2	-	2	-	-	A	Α	TEVNB
Diesel Fuels	1	1	1	2	2	-	1	1	A	X	TVB
Diethylamine	2	-	Х	-	X	1	2	2	X	A	TN TEV
Disodium Phosphate Ethers	2	2	2	2	2	2	1	1	A	X	TB
Ethyl							,	ı		Λ	TD
Ethyl Acetate	-	-	2	2	2	2	2	2	Α	Х	Т
Ethyl Chloride	-	-	2	2	2	2	-	1	Α	Х	TEVB
Ethylene											
Ethylene Chloride	-	-	-	-	2	2	-	-	Α	Х	TV
Ethylene Dichloride	-	2	X	2	2	1	2	2	A	X	TV
Ethylene Glycol	1	2	2	1	2	2	2	2	A	X	TEVNB
Ethylene Oxide Fatty Acids	X 1	X 3	X 3	1 1	3 X	2	2	2	X A	X	TVNB
Ferric		ا ا	J	'	^		-	ı	А	Α	IVIND
Ferric Chloride	Х	Х	2	2	Х	Χ	Х	Х	Χ	Α	TEVNB
Ferric Hydroxide	-	-	-	1	-	2	1	1	A	-	TEVNB
Ferric Nitrate (10-50%)	Х	Х	Х	-	Х	X	2	2	X	Α	TEVNB
Ferric Sulfate	Х	Х	Х	-	Х	2	-	-	Х	Α	TEVNB
Ferrous											
Ferrous Chloride (Sat.)	X	X	2	2	-	X	X	Х	X	Α	TEVNB
Ferrous Sulfate	2	2	2	2	X	2	2	-	X	A	TEVNB
Fluboric Acid	Х	-	-	1	1	2	- 1	- 4	X	A	TEVNB
Formaldehyde (50%) Formic Acid (Anhyd.)	1	2 X	2	2	X	2	1 -	1 -	X	A	TEN TEVN
Freon								_		A	I E VIV
Freon 11	2	2	2	-	Х	1	2	2	Х	Χ	TVNB
Freon 12	2	2	2	1	X	2	2	2	X	X	TVNB
Freon 22	2	2	2	2	Х	2	2	2	X	X	TN
Fruit Juices	2	2	3	1	Х	1	2	2	Α	Α	TVNB
Fuel Oil	2	2	2	2	2	2	2	2	Α	Х	TVNB
Furfural	2	2	2	2	2	2	2	2	Α	Χ	TEN
DDI //10		077.043	1044	divonuali							023

AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Gasoline						_		2	^	L V	TVND
Refined Gasoline Sour Gasoline	2 X	2	2	2	2	2 X	2	2	A	X	TVNB TVNB
Gelatin Glucose	2	2	2	-	X	2	2	2	A	A	TEVNB
Glucose	2	2	2	-	2	2	2	2	A	A	TEVNB
Glucose Glue Glycerine	2	2	2	1	2	2	 -	2	-	A	TEVNB
Glycerine	1	1	2	1	2	1	1	1	Α	Α	TEVNB
Glycols	2	2	2	-	2	2	2	2	Α	Α	TEVNB
Green Liquor	-	-	-	-	2	-	-	-	-	Α	TEVNB
Heptane	2	2	2	1	2	2	2	2	Α	Х	TVNB
Hexane	2	2	2	1	2	2	1	1	A	X	TVNB
Hydrobromic Acid (50%)	X	X	X	2	X	X	X	X	X	A	TEV
Hydrobromic Acid (20%) Hydrochloric Acid (20%)	X	X	X	1	X	X	X	X	X	A	TEV TEVNB
Hydrochloric Acid (20%) Hydrochloric Acid (38%)	 ^ X	X	X	1 1	X	3 X	X	X	X	A	TEVN
Hydrocyanic Acid (38 %)	2	X	X	2	2	2	2	2	X	A	TEVN
Hydrofluosilicic Acid (10-50%)	X	2	X	2	X	2	X	2	X	-	TEVNB
Hydrogen	Α				X		Α				TEVINE
Hydrogen Peroxide (50%)	-	Х	Х	2	Х	2	-	-	Χ	Α	TEV
Hydrogen Sulfide (Agu.)	-	-	-	2	-	2	Х	2	Х	Α	TE
Hydrogen Chloride (Dry Gas)	X	2	-	1	2	1	-	-	Χ	Α	TEVN
Hydrogen Gas	1	1	1	1	-	1	1	1	Х	Α	TEVNB
Hypochlorous Acid	X	Х	X	2	Х	Х	Х	Х	Х	Х	TEV
lodine	1	Х	Х	-	Х	1	Х	X	Χ	Α	TEV
Isopropyl Ether		2	2	-	-	2	1	2	Α	Х	<u>T</u>
Jet Fuel (JP4, JP5)	2	1	2	1	2	2	2	2	X	X	TV
Kerosene	2	2	2	2	2	2	2	2	X	X	TVNB
Ketones	3	2	2	1 1	2 X	2 X	2	2	A	X	T TEVN
Lactic Acid (25%) Lactic Acid (80%)	2	2	X	2	X	-	 -	-	A	A	TEVN
Lard Oil	2	-	2	1	3	2	2	2	A	A	TVB
Lead				'	0				/\	, /\	IVB
Lead Acetate	Х	Х	Х	2	Х	2	2	2	Х	Α	TENB
Lead Chloride	X	-	-	2	-	-	2	2	Х	-	TVNB
Lead Sulfate	Х	-	-	2	Х	2	2	2	Χ	-	TEVNB
Lime Sulphur	Х	Х	Х	-	Х	2	2	2	Χ	Α	TEVN
Linoleic Acid	2	Х	3	2	Х	2	2	2	Х	Α	TVB
Linseed Oil	2	2	2	2	2	2	2	2	Α	A	TVNB
Lubricants (Oil)	2	1	-	-	2	2	2	2	Α	Х	TVNB
Magnesium				ı				0	V		TEVAID
Magnesium Carbonate	2 X	- X	-	1	-	2	2	2	X	I A	TEVNB TEVNB
Magnesium Chloride Magnesium Hydroxide	2	2	2	1	2	2	1	1	X	A	TEVNB
Magnesium Nitrate	2	2	2	1 1	2	2	2	2	X	A	TEVNB
Magnesium Oxide		-	-	 '	-	-	-	-	X	-	-
Magnesium Sulfate	2	-	2	-	-	1	2	2	X	Α	TEVNB
Maleic Acid	<u> </u>	2	3	2	Х	-	 -	2	X	A	TEV
Mercuric											
Mercuric Chloride	X	Х	X	-	Х	Х	Х	-	Χ	Α	TEVB
Mercuric Cyanide	Х	Х	Х	2	Х	2	2	2	Х	Α	TEVB
Mercury	X	Х	X	1	2	-	1	1	Α	Α	TEVNB
Methane	1	1	2	1	2	1	1	1	Α	X	TEVNB
Methanol	2	2	2	1	2	2	2	2	Α	Α	TENB
Methyl Bromide	V			 	2		2	2	V		
Methyl Ethyl Ketone	X 2	2	2	2	2	2	2	2	X A	X	TV TE
Methyl Isobutyl Ketone	2	2	2	2	2	2	2	2	A	X	<u> </u>
Methyl Methacrylate	2		-	-	X	-	2	2	X	A	<u> </u>
Methylene Chloride		2	2	X	2	-	-		A	X	<u> </u>
Milk	1	X	X	1 1	2	X	1 1	1	A	A	TEVNB
Mineral Oil	2	1	-	<u> </u>	2	1	1 1	2	A	A	TVNB
Muriatic Acid	X	-	-	1	-	X	X	X	X	A	TV
Napthalene	2	2	2	2	2	2	1	1	A	A	TV
Naptrialerie	1 4					2	2				

				Selecti							
AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Nickel				,							
Nickel Chloride	X	X	X	-	X	2	-	-	X	A	TEVNB
Nickel Sulfate	Х	Х	-	2	-	-	2	2	Χ	Α	TEVNB
Nitric Nitric Acid (100%)	1	Х	Х	2	Х	Х	2	_	Х	Х	TV
Nitric Acid (100%)	 	X	X	1	X	X	2	-	X	X	
Nitric Acid (30%)	X	X	X	1 1	X	X	1	-	X	X	
Nitrobenzene	1 1	2	2	 	2	2	2	2	A	A	T IV
Oils		_	_			_	_	_	7.	7.	·
Castor Oil	2	2	2	1	2	1	2	2	Α	Α	TEVNB
Coconut Oil	2	-	2	-	3	2	2	2	Α	Α	TVB
Corn Oil	2	2	2	-	2	2	-	2	Α	Α	TVNB
Cotton Seed Oil	2	2	2	-	2	1	2	2	Α	Α	TVNB
Fuel Oil	2	2	2	2	2	2	2	2	Α	X	TVNB
Linseed Oil	2	2	2	2	2	2	2	2	A	A	TVNB
Mineral Oil Silicon Oil	2	1	2	-	2	-	2	2	A	A	TVNB TEVB
Vegetable Oil	2	2	2	1	2	1	1	1	A	X	TVNB
Oleic Acid	2	3	2	2	2	1	 ' -	1	A	X	TB
Oleum	2	X	X	-	2	X	2	2	X	X	TV
Oxalic Acid (Sat.)	2	-	2	2	X	2	X	X	X	A	TEV
Oxygen	2	2	2	-	2	2	2	2	Х	Х	TEVNB
Palmitic Acid (Sat.)	2	3	2	-	3	2	2	2	Х	Α	TVB
Paraffin	2	2	2	2	2	2	2	2	Α	Α	TVNB
Perchloroethylene	2	2	2	2	2	1	-	-	Х	X	TV
Petrolatum	2	-	2	<u> </u>	3	2	2	2	Α	-	TVNB
Phenol (Carbolic Acid)	1	1	Χ	1	2	1	-	1	Χ	Χ	TV
Phosphoric Acid	V	l V		1 4	l V	l V			V	I A	TE\/\
Phosphoric Acid (25-50%)	I X	X	2 X	1 1	X	X 3	-	-	X	A	TEVN TEV
Phosphoric Acid (50-85%) Photographic Solutions	X -	-	-	1 -	X	1	- 1	1	X	A X	TVNB
Phthalic Anhydride	+ -	2	2	1 1	2	1	1 1	1	X	X	TEV
Picric Acid	1 1	X	X	2	X	X	2	2	X	-	TEVNB
Plating Solutions				_	7.		_	_	7.		121112
Brass Plating Solution	-	-	-	1	-	-	-	2	Х	Α	TEVNB
Cadmium Plating Solution	-	-	-	1	-	-	-	2	X	Α	TEVNB
Chrome 40% Plating Solution	X	2	2	1	Х	Х	2	2	Х	A	TEVN
Copper (Cyanide) Plating Solution	-	-	-	1	-	-	-	-	X	A	TEVNB
Gold Plating Solution	 -	-	-	1	-	-	-	1	X	A	TEVNB
Iron Plating Solution	-	-	-	-	-	-	-	-	X	A	TEVB
Lead Plating Solution Nickel Plating Solution	-	-	-	1 1	-	-	1 1	1	X	A	TEVNB TEVNB
Silver Plating Solution	+ -	-	-	1 1	-	-	1	1	X	A	TEVNB
Tin Plating Solution	 -	-	-	1 1	 	-	<u> </u>	3	X	A	TEVNB
Zinc Plating Solution	† -	-	-	1 1	-	-	-	-	X	A	TEVNB
Potassium											
Potassium Acetate	Х	Х	Х	-	2	-	-	-	Α	Α	TEVB
Potassium Bicarbonate (30%)	X	2	-	2	2	2	1	1	Α	Α	TEVNB
Potassium Carbonate (50%)	X	2	X	2	2	2	1	1	Α	Α	TEVNB
Potassium Chlorate (30%)	2	X	X	-	2	2	2	1	X	Α	TEVNB
Potassium Chloride (30%)	X	X	2	-	2	1	-	-	A	A	TEVNB
Potassium Chromate (30%)	2	2	2	2	-	2	2	2	X	A	TEVB
Potassium Cyanide Solution (30%) Potassium Dichromate (30%)	X 1	X 2	X 2	2	2	2	2	2	X	A	TEVNB TEVB
Potassium Hydroxide (90%)	X	X	X	2	-	2	X	-	X	A	TENB
Potassium Nitrate (80%)	1 1	2	2	2	2	2	2	2	X	A	TEVNB
Potassium Permanganate (20%)	2	2	2	1	2	2	2	2	X	A	TEVN
Potassium Sulfate (10%)	1 1	2	2	1 1	2	1	1	1	A	A	TEVNB
Propane	1	1	1	2	2	1	2	2	X	X	TVB
Propylene Gylcol	2	2	2	2	2	2	2	2	Α	Α	TVNB
Propylene Oxide (90%)	-	-	-	-		-	1	1	Х	Х	TE
Pyridine	2	2	2	-	2	2	2	2	Α	Х	T
Pyrogallic Acid	2	2	2	2	2	2	2	2	X	X	TVNB
Silver Nitrate	X	X	X	-	X	X	2	1	X	A	TEVNB
Soap Solutions	2	2	2	1	2	2	2	2	Α	A	TEVNB

Mater	ial Se	elect	ion
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AGENT	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Sodium Sodium Acetate	1	2	2	-	Х	2	2	2	Α	Α	TEN
Sodium Bicarbonate (20%) Sodium Bisulfate Sodium Bisulfite Sodium Borate Sodium Perborate (10%)	2	2	2	1	3	1	1	1	A	A	TEVNB
Sodium Bisulfate	X	-	2	2	2	-	-	-	Α	Α	TEVNB
Sodium Bisulfite	Х	2	Х	2	Х	-	-	-	Α	Α	TEVNB
Sodium Borate	2	2	2	2	3	2	2	2	Α	Α	TEVNB
Codiditi 1 Ciborate (1070)	2	X	2	2	2	2	2	2	X	A	TEVNB
Sodium Carbonate	X	2	2	2	2	1	2	2	A X	A	TEVNB TEVNB
Sodium Chlorate (50%) Sodium Cyanide	2 X	X	X	2	X 2	X	-		A	A	TEVNB
Sodium Dichromate	2	X	X	1	2	-	2	2	X	A	TE
Sodium Hydroxide (70%)	X	X	X	1	3	1	2	2	X	A	TENB
Sodium Hydroxide (50%)	Х	Х	3	1	3	1	1	-	Х	Α	TENB
Sodium Hydroxide (30%)	X	2	3	2	2	1	1	1	X	Α	TENB
Sodium Chloride (30%)	X	2	2	2	2	1	-	-	X	Α	TEVNB
Sodium Hypochlorite	X	X	X	-	X	X	-	-	X	A	TEV
Sodium Metaphosphate Sodium Nitrate (40%)	X 1	X 2	2	-	X 2	2	2	2	X A	X	TEVNB TENB
Sodium Perborate (10%)	2	X	2	2	2	2	2	2	X	A	TEVNB
Sodium Peroxide (10%)	2	X	X	2	2	2	2	2	X	A	TEVNB
Sodium Silicate	1	2	2	2	2	2	2	2	A	A	TEVNB
Sodium Sulfate	-	2	2	2	2	-	-	1	Α	Α	TEVNB
Sodium Sulfide (50%)	X	Х	Х	2	2	2	-	2	Х	Α	TEVNB
Sodium Thiosulphate	2	Х	Х	2	X	2	2	2	Α	Α	TEVNB
Stannic Chloride	X	X	X	-	X	Х	X	Х	X	A	TEVNB
Stannous Chloride	Х	X -	X -	2	X -	-	Х	-	X	X -	TEVNB -
Steam Stearic Acid	2	3	2	- 1	3	3	2	1	A	A	TVNB
Stoddard's Solvent	2	2	2	1	2	2	2	2	X	A	TVB
Sugar Liquors (Cane)	1	2	1	-	2	2	2	2	A	A	TEVNB
Sugar Liquors (Beet)	1	2	1	-	2	1	1	1	Α	Α	TEVNB
Sulfate Liquors	2	Х	Х	2	3	2	-	2	Х	Α	TVNB
Sulfite Liquors	X	Χ	-	1	X	X	2	2	X	X	TVNB
Sulfur Chloride	X	-	X	2	X	X	-	-	X	X	TV TE
Sulfur Dioxide (Dry) Sulfur Trioxide	2	2	2 X	2	1 2	2	-	2	X	A X	TEV
Sulfuric Acid (TO 10%)	X	2	X	1	X	X	X	X	X	A	TEVNB
Sulfuric Acid (100%)	X	X	X	1	2	X	-	-	X	X	TV
Sulfurous Acid	2	2	X	-	X	X	Х	-	X	Α	TV
Tannic Acid	Х	-	Х	-	X	2	2	2	Χ	Α	TEVNB
Tanning Liquors	1	-	2	1	-	-	1	1	X	Α	TVNB
Tartaric Acid	-	-	2	2	-	-	1	1	A	A	TVNB
	X 1	X 1	X 1	2	2	2	1	2	X A	X	TV TVB
Tetrahydrofuran	X	-	2	1	1	-	1	2	A	X	T
Tomato Juice	2	-	3	2	3	2	2	2	X	A	TEVNB
Trichloroethylene	1	-	2	1	2	-	-	-	Α	Х	TV
Triethanolamine	2	X	2	2	2	2	2	2	Α	X	TEVN
Triethylamine	-	-	-	-	-	2	2	2	Α	X	TVB
Trisodium Phosphate (10%)	X	2	-	1	2	2	1	1	A	A	TVNB
Turpentine Urea (50%)	2	X -	2	2	2	2	1 2	1 2	X A	X	TVB TEVNB
Urine	-	-	-	-	2	-	1	1	X	A	TEVNB
Vinegar	Х	Х	2	2	2	2	2	2	X	A	TEVN
Water Acid (Mine)	Х	Х	Х	1	Х	-	-	-	Χ	Α	TEVNB
Water (Distilled)	Х	2	2	1	Х	Х	2	2	Α	Α	TEVNB
Water (Sea)	2	2	2	1	Х	2	2	2	A	Α	TEVNB
Whiskey	X	2	2	1	2	2	1	1	X	A	TEVNB
White Liquor (Pulp) Wine	2 X	2	X 2	2	X	X 2	2	2	X	A	TEVNB TEVNB
Xylene	2	2	2	1	2	2	1 2	2	A	A X	TV
Zinc									/ \		, v
Zinc Chloride	Х	Χ	Χ	2	Х	-	Х	2	Α	Α	TEVNB
Zinc Nitrate	-	-	-	-	-	-	2	2	Х	Α	TEVNB
Zinc Sulfate (50%)	X	2	2	2	X	2	1	1	Χ	Α	TEVNB
	Rating	e aivon	are ha	seed at	70°E (2	01°C\					



Fraction - Decimal Conversion Chart

		Inches		ii Convers	non Chart	Inches	Millimotoro
	1	<u>Inches</u>	<u>Millimeters</u>	1	33	<u>Inches</u>	<u>Millimeters</u>
	<u>1</u> 64	015625	.3969	47	33 64	.515625	13.0969
$\begin{pmatrix} \frac{1}{32} \end{pmatrix}$		03125	.7938	<u>17</u> 32		.53125	13.4938
	<u>3</u> 64	046875	1.1906		35 64	.546875	13.8907 d S
$\begin{pmatrix} \frac{1}{16} \end{pmatrix}$		0625	1.5875	<u>9</u> 16		.5625	13.8907 Technic 9 14.2876 nic
	<u>5</u> 64	078125	1.9844		37 64	.578125	14.6844 <u>\(\overline{\Omega} \) \(\phi \)</u>
32		09375	2.3813	<u>19</u> 32		.59375	15.0813
	<u>7</u>	109375	2.7781		39 64	.609375	15.4782
$\left(\frac{1}{8}\right)$		−.125	3.1750	<u>5</u> 8		.625	15.8751
	<u>9</u> 64	140625	3.5719		<u>41</u> 64	.640625	16.2719
<u>5</u> 32		−.15625	3.9688	<u>21</u> 32		.65625	16.6688
	<u>11</u> 64	171875	4.3656		43 64	.671875	17.0657
<u>3</u> 16		−.1875	4.7625	11/16		.6875	17.4626
	13 64	203125	5.1594		<u>45</u> 64	.703125	17.8594
(<u>7</u> 32)—		21875	5.5563	<u>23</u> 32		.71875	18.2563
	15 64	234375	5.9531		47 64	.734375	18.6532
$\left(\frac{1}{4}\right)$		250	6.3500	<u>3</u> 4		.750	19.0501
	17 64	265625	6.7469		<u>49</u> 64	.765625	19.4470
(<u>9</u> 32)—	40	28125	7.1438	<u>25</u> 32		.78125	19.8438
	<u>19</u> 64	296875	7.5406		<u>51</u> 64	.796875	20.2407
<u>5</u> 16		−.3125	7.9375	13 16	<u> </u>	.8125	20.6376
	<u>21</u> 64	328125	8.3344		53 64	.828125	21.0345
<u>11</u> 32		34375	8.7313	<u>27</u> 32	FF	.84375	21.4313
	23 64	359375	9.1282		55 64	.859375	21.8282
(<u>3</u> 8	25	−.375	9.5250	(<u>7</u> 8		.875	22.2251
	25 64	390625	9.9219		57 64	.890625	22.6220
<u>13</u> 32	07	40625	10.3188	<u>29</u> 32	FO	.90625	23.0188
	27 64	421875	10.7157		59 64	.921875	23.4157
<u>7</u>		−.4375	11.1125	<u>15</u> 16		.9375	23.8126
	29 64	453125	11.5094		61 64	.953125	24.2095
<u>15</u> 32	24	46875	11.9063	<u>31</u> 32		.96875	24.6063
	31 64	484375	12.3032		63 64	.984375	25.0032
$\left(\frac{1}{2}\right)$		500	12.7001	1 1		1.000	25.4001

Measures of Pressure

- 1 Pound Per Square Inch = 144 Pounds Per Square Foot = 0.068 Atmosphere = 2.042 Inches of Mercury at 62°F = 27.7 Inches of Water at 62°F = 2.31 Feet of Water at 62°F.
- 1 Atmosphere = 30 Inches of Mercury at 62°F = 14.7 Pounds Per Square Inch = 2116.3 Pounds Per Square Foot = 33.95 Feet of Water at 62°F.

Safety &

Foot of Water at 62°F = 62.355 Pounds Per Square Foot = 0.433 Pounds Per Square Inch.

1 Inch of Mercury at 62°F = 1.132 Feet of Water = 13.58 Inches of Water = 0.491 Pounds Per Square Inch.

Column of Water 12 Inches High, 1 Inch in Diameter = .341 Pounds

If temperature is kept constant, the volume of a given mass of gas is inversely proportional to the pressure which is exerted upon it

Length Conversion Constants

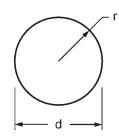
Millimeters x .039370 = Inches
Meters x 39.370 = Inches
Meters x 3.2808 = Feet
Meters x 1.09361 = Yards
Kilometers x 3,280.8 = Feet
Kilometers x .62137 = Statute Mile
Kilometers x .53959 = Nautical Miles

Inches x 25.4001 = Millimeters
Inches x .0254 = Meters
Feet x .30480 = Meters
Yards x .91440 = Meters
Feet x .0003048 = Kilometers
Statute Miles x 1.60935 = Kilometers
Nautical Miles x 1.85325 = Kilometers

Weight Conversion Constants

Grams x .03527 = Ounces (Avd.) Grams x .033818 = Fluid Ounces (Water) Kilograms x 35.27 = Ounces (Avd.) Kilograms x 2.20462 = Pounds (Avd.) Ounces (Avd.) x 28.35 = Grams Fluid Ounces (Water) x 29.57 = Grams Ounces (Avd.) x .02835 = Kilograms Pounds (Avd.) x .45359 = Kilograms

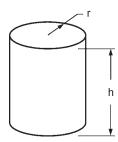
Circumference of a Circle



Circumference =
$$2\pi r = \pi d = 3.14159 d$$

Area =
$$\pi r^2 = \pi \frac{d^2}{4} = .78539d^2$$

Right Cylinder



Volume =
$$\pi r^2 h$$

Surface Area =
$$2\pi r(r + h)$$

If end planes are parallel but not at 90° to h, the same formulas apply, but a slice at 90° through the cylinder must be used to determine r.

Temperature Conversions

Look up reading in middle column (shaded). If in degrees Centigrade, read Fahrenheit equivalent in right-hand column; if in degrees Fahrenheit, read Centigrade equivalent in left-hand column.

°C	å Ç	°F
-73	-100	-148
-68	-90	-130
-62	-80	-112
-57	-70	-94
-51	-60	-76
-46	-50	-58
-40	-40	-40
-34	-30	-22
-29	-20	-4
-23	-10	14
-17.8	0	32
-17.2	1	33.8
-16.7	2	35.6
-16.1	3	37.4
-15.6	4	39.2
-15.0	5	41.0
-14.4	6	42.8
-13.9	7	44.6
-13.3	8	46.4
-12.8	9	48.2
-12.2	10	50.0
-11.7	11	51.8
-11.1	12	53.6
-10.6	13	55.4
-10.0	14	57.2
-9.4	15	59.0
-8.9	16	60.8 62.6
-8.3 -7.8	17 18	
-7.0 -7.2	19	64.4
-6.7	20	68.0
-6.1	21	69.8
-5.6	22	71.6
-5.0	23	73.4
-4.4	24	75.2
-3.9	25	77.0
-3.3	26	78.8
-2.8	27	80.6
-2.2	28	82.4
-1.7	29	84.2
-1.1	30	86.0
6	31	87.8
0	32	89.6
.6	33	91.4
1.1	34	93.2
1.1 1.7	35	95.0
2.2	36	96.8
2.8	37	98.6
3.3	38	100.4
3.9	39	102.2
4.4	40	104.0

°C	°F (C	°F
5.0	41	105.8
5.6	42	103.6
6.1	43	107.0
6.7	44	111.2
.72	45	113.0
7.8	46	114.8
8.3	47	116.6
8.9	48	118.4
9.4	49	120.2
10.0	50	122.0
10.6	51	123.8
11.1	52	125.6
	53	127.4
11.7		127.4
12.2 12.8	54 55	
13.3		131.0 132.8
13.3	56	132.8
	57	134.6 136.4
14.4	58	136.4
15.0	59	138.2
15.6	60	140.0
16.1	61	141.8
16.7	62	143.6
17.2	63	145.4
17.8	64	147.2
18.3	65	149.0
18.9	66	150.8
19.4	67	152.6
20.0	68	154.4
20.6	69	156.2
21.1	70	158.0
21.7	71	159.8
22.2	72	161.6
22.8	73	163.4
23.3	74	165.2
23.9	75	167.0
24.4	76	168.8
25.0	77	170.6
25.6	78	172.4
26.1	79	174.2
26.7	80	176.0
27.2	81	177.8
27.8	82	179.6
28.3	83	181.4
28.9	84	183.2
29.4	85	185.0
30.0	86	186.8
30.6	87	188.6
31.1	88	190.4
31.7	89	192.2
32.2	90	194.0
32.8	91	195.8

°C °F °F 33.3 92 197.6 33.9 93 199.4 34.4 94 201.2 35.0 95 203.0 35.6 96 204.8 36.1 97 206.6 36.7 98 208.4 37.2 99 210.2 37.8 100 212.0 43 110 230 49 120 248 54 130 266 60 140 284 66 150 302 71 160 320 77 170 338 82 180 356 88 190 374 93 200 392 99 210 410 100 212 413.6 104 220 428 110 230 446 121 250 482 <th></th> <th></th> <th></th>			
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34.4 94 201.2 35.0 95 203.0 35.6 96 204.8 36.1 97 206.6 36.7 98 208.4 37.2 99 210.2 37.8 100 212.0 43 110 230 49 120 248 54 130 266 60 140 284 66 150 302 71 160 320 77 170 338 82 180 356 88 190 374 93 200 392 99 210 410 100 212 413.6 104 220 428 110 230 446 121 250 482 127 260 500 132 270 518 138 280 536 <td></td> <td></td> <td></td>			
35.0 95 203.0 35.6 96 204.8 36.1 97 206.6 36.7 98 208.4 37.2 99 210.2 37.8 100 212.0 43 110 230 49 120 248 54 130 266 60 140 284 66 150 302 71 160 320 77 170 338 82 180 356 88 190 374 93 200 392 99 210 410 100 212 413.6 104 220 428 110 230 446 121 250 482 127 260 500 132 270 518 138 280 536 143 290 554			
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36.1 97 206.6 36.7 98 208.4 37.2 99 210.2 37.8 100 212.0 43 110 230 49 120 248 54 130 266 60 140 284 66 150 302 71 160 320 77 170 338 82 180 356 88 190 374 93 200 392 99 210 410 100 212 413.6 104 220 428 110 230 446 116 240 464 121 250 482 127 260 500 132 270 518 138 280 536 143 290 554 149 300 572	35.6		
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37.2 99 210.2 37.8 100 212.0 43 110 230 49 120 248 54 130 266 60 140 284 66 150 302 71 160 320 77 170 338 82 180 356 88 190 374 93 200 392 99 210 410 100 212 413.6 104 220 428 110 230 446 121 250 482 127 260 500 132 270 518 138 280 536 143 290 554 149 300 572 154 310 590 160 320 608 166 320 626 <td>36.7</td> <td></td> <td></td>	36.7		
37.8 100 212.0 43 110 230 49 120 248 54 130 266 60 140 284 66 150 302 71 160 320 77 170 338 82 180 356 88 190 374 93 200 392 99 210 410 100 212 413.6 104 220 428 110 230 446 116 240 464 121 250 482 127 260 500 132 270 518 138 280 536 143 290 554 149 300 572 154 310 590 160 320 608 166 320 626	37.2		
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221 430 806 227 440 824			
227 440 824			
232 450 842			
	232	450	842



Steam Temperature and Pressure Conversion Guide

Temperature - Pressure Equivalents of Saturated Steam Gauge Pressure at Sea Level

• Degrees Celsius = 5/9 (Degrees F - 32)

Safety &

_	Degrees of	13103 - 0/0 (DC	grees r - 32)	S F - 32)					
	Tempe	erature	Lbs. per	Tempe	erature	Lbs. per	Tempe	Temperature	
	°F	°C	Sq. Inch	°F	°C	Sq. Inch	°F	°c	Lbs. per Sq. Inch
	212	100.0	0.0	286	141.1	39.4	336	168.9	97.1
Technica	214	101.1	0.6	287	141.7	40.3	337	169.4	98.7
. <u>Ĕ</u> -	216	102.2	1.2	288	142.2	41.1	338	170.0	100.2
<u>ج</u>	218	103.3	1.8	289	142.8	42.0	339	170.6	101.8
. o _	220	104.4	2.5	290	143.3	42.9	340	171.1	103.3
<u> </u>	222	105.6	3.2	291	143.9	43.8	341	171.7	105.0
_	224	106.7	3.9	292	144.4	44.7	342	172.2	106.5
_	226	107.8	4.6	293	145.0	45.6	343	172.8	108.2
_	228	108.9	5.3	294	145.6	46.5	344	173.3	109.8
_	230	110.0	6.1	295	146.1	47.5	345	173.9	111.5
_	232	111.1	6.9	296	146.7	48.4	346	174.4	113.1
_	234	112.2	7.7	297	147.2	49.4	347	175.0	114.8
_	236	113.3	8.5	298	147.8	50.3	348	175.6	116.5
_	238	114.4	9.4	299	148.3	51.3	349	176.1	118.2
_	240	115.6	10.3	300	148.9	52.3	350	176.7	119.9
_	242	116.7	11.2	301	149.4	53.4	352	177.8	123.5
_	244	117.8	12.1	302	150.0	54.4	354	178.9	127.1
_	246	118.9	13.1	303	150.6	55.4	356	180.0	130.8
_	248	120.0	14.1	304	151.1	56.4	358	181.1	134.5
_	250	121.1	15.1	305	151.7	57.5	360	182.2	138.3
_	252	122.2	16.2	306	152.2	58.6	362	183.3	142.3
_	254	123.3	17.3	307	152.8	59.7	364	184.4	146.2
_	256	124.4	18.4	308	153.3	60.7	366	185.6	150.3
_	258	125.6	19.6	309	153.9	61.9	368	186.7	154.4
_	260	126.7	20.7	310	154.4	63.0	370	187.8	158.7
_	261	127.2	21.4	311	155.0	64.2	372	188.9	163.0
_	262	127.8	22.0	312	155.6	65.3	374	190.0	167.4
_	263	128.3	22.6	313	156.1	66.5	376	191.1	171.9
_	264	128.9	23.2	314	156.7	67.6	378	192.2	176.4
_	265	129.4	23.9	315	157.2	68.8	380	193.3	181.1
_	266	130.0	24.5	316	157.8	70.0	382	194.4	185.8
_	267	130.6	25.2	317	158.3	71.3	384	195.6	190.6
	268	131.1	25.8	318	158.9	72.5	386	196.7	195.6
	269	131.7	26.5	319	159.4	73.7	388	197.8	200.6
	270	132.2	27.2	320	160.0	75.0	390	198.9	205.7
_	271	132.8	27.9	321	160.6	76.3	392	200.0	210.9
_	272	133.3	28.6	322	161.1	77.5	394	201.1	216.2
_	273	133.9	29.3	323	161.7	78.8	396	202.2	221.5
_	274	134.4	30.0	324	162.2	80.1	398	203.3	227.0
	275	135.0	30.8	325	162.8	81.5	400	204.4	232.6
	276	135.6	31.5	326	163.3	82.8	402	205.5	238.0
_	277	136.1	32.3	327	163.9	84.2	404	206.7	244.0
_	278	136.7	33.0	328	164.4	85.6	406	207.8	250.0
	279	137.2	33.8	329	165.0	87.0	408	208.9	256.0
_	280	137.8	34.5	330	165.6	88.4	410	210.0	262.0
_	281	138.3	35.3	331	166.1	89.8	412	211.1	268.0
	282	138.9	36.1	332	166.7	91.2	414	212.2	275.0
_	283	139.4	36.9	333	167.2	92.7	416	213.3	281.0
	284	140.0	37.7	334	167.8	94.1	418	214.4	288.0
	285	140.6	38.6	335	168.3	95.6	420	215.6	294.0
		•					•		

Pressure Conversions

100 PSI = 6.9 Bars 250 PSI = 17.25 Bars 600 PSI = 41.4 Bars 5 Bars = 72.5 PSI 10 Bars = 145 PSI 25 Bars = 362.5 PSI

P

Pressure - Temperature Ratings

- Ratings apply to all products covered by ANSI B16.5 valves conforming to the requirements of this standard must, in other respects, merit these ratings.
- All ratings are maximum allowable non-shock pressures (PSIG) at the tabulated temperatures (degree Fahrenheit). Temperatures are those on the inside of the pressure retaining structure.
- The use of these ratings requires gaskets conforming to the requirements of ANSI B16.5. The user is responsible for selecting
 gaskets of dimensions and materials to withstand the required bolt loading without injurious crushing, and suitable for the
 service conditions in all other respects.

Pressure Class	150	300
Test Pressure	425	1100
Service Temperature	Working	Pressure
-20 to 100	275	720
150	255	710
200	240	700
250	225	690
300	210	680
350	195	675
400	180	665
450	165	650
500	150	625
550	140	590
600	130	555
650	120	515
700	110	470
750	100	425

Safety &

P

Air Velocity in a Pipe

Air

Using the equation and typical values of V, D and L explained to the right approximate values of P are computed as follows:

•	Velocity	Pipe Diameter in Inches, 10' long							
	Ft / Sec	1	2	4	6	10			
ਲ	1	.0004	.0002	.0001	.00007	.00004			
<u>.0</u>		.0016	.0008	.0004	.00030	.00016			
, <u> </u>	5	.0100	.0050	.0025	.00170	.0010			
5	10	.0400	.0200	.0100	.00670	.0040			
Ğ.	15	.0900	.0450	.0225	.01500	.0090			
\vdash	20	.1600	0800	.0400	.02700	.0160			
	25	.2500	.1250	.0625	.04170	.0250			
	30	.3600	.1800	.0900	.06000	.0360			

$$V = \sqrt{\frac{25,000 \text{ DP}}{L}}$$

V = air velocity in feet per second

D = pipe inside diameter in inches

L = length of pipe in feet

P = pressure loss due to air friction in ounces/square inch

Air Volume Discharged from Pipe

CFM = air volume in cubic feet per minute

V = air velocity in feet per second as determined in the

equation at the top of this page

= cross section area of pipe in square feet

CFM = 60VA

Boyle's Law

If temperature is kept constant, the volume of a given mass of gas is inversely proportional to the pressure which is exerted upon it.

Initial Pressure Final Pressure = Final Volume Initial Volume

Air Supply Requirements (operating pressure: 90 PSI)

Tool	Class	Typical Air Consumption (CEM)	Hose Size (inches)			
1001	Class	Typical Air Consumption (CFM)	0 - 10 ft.	10 - 50 ft.	50 - 200 ft.	
	25 lb.	45	1/2"	1/2"	3/4"	
Paving breakers	35 lb.	50	1/2"	3/4"	3/4"	
Paving breakers	60 lb.	65	1/2"	3/4"	1"	
	80 lb.	80	3/4"	3/4"	1"	
Clay diggers		45	1/2"	1/2"	3/4"	
Hand drills	8 lb.	20	3/8"	3/8"	1/2"	
	15 lb.	32	3/8"	1/2"	1/2"	
	45 lb.	105	3/4"	3/4"	1"	
Rock (sinker) drills	55 lb.	130	3/4"	1"	1"	
Tampers	5" butt	20	3/8"	1/2"	1/2"	
	6" butt	30	1/2"	1/2"	3/4"	
Sump pump	3 HP	100	3/4"	3/4"	1"	
Sludge pump	Ejector	90	1"	1"	1"	
\/:le vete ve	2-1/2"	60	1"	1"	1"	
Vibrators	3"	60	1"	1"	1"	
Chipping hammers		25	3/8"	1/2"	1/2"	
	3/8" sq. dr.	10	5/16"	3/8"	3/8"	
Impact wrenches	1/2"	15	5/16"	3/8"	1/2"	
	3/4"	25	3/8"	1/2"	1/2"	
	1"	50	1/2"	3/4"	3/4"	
Drills	1/4" - 1/2"	22	3/8"	3/8"	1/2"	
	die / burr	20	3/8"	3/8"	1/2"	
Grinders	small angle	20	3/8"	3/8"	1/2"	
	3 HP vertical	75	1/2"	3/4"	1"	

P

CFM vs PSI for Nozzles

- PSI = pounds/square inch
- CFM = cubic feet/minute

Gauge	CFM Free Air Flow @ Nozzle Diameter (inches)								
PSI	1/64	1/32	3/64	1/16	3/32	1/8	3/16	1/4	
1	.03"	.11"	.2"	.4"	1.0"	1.7"	3.9"	6.8"	Te
5	.06"	.24"	.5"	1.0"	2.2"	3.9"	8.7"	15.4"	<u>Č</u>
10	.08"	.34"	.8"	1.4"	3.1"	5.4"	12.3"	21.8"	\equiv
15	.10"	.42"	.9"	1.6"	3.7"	6.6"	15.0"	26.7"	<u>≅</u> .
20	.12"	.48"	1.1"	1.9"	4.2"	7.7"	17.1"	30.8"	chnical
25	.13"	.54"	1.2"	2.2"	4.7"	8.6"	19.4"	34.5"	
30	.16"	.63"	1.4"	2.5"	5.6"	10.0"	22.5"	40.0"	
40	.19"	.77"	1.7"	3.1"	6.8"	12.3"	27.5"	49.1"	
50	.22"	.91"	2.0"	3.6"	8.2"	14.5"	32.8"	58.2"	
60	.26"	1.05"	2.3"	4.2"	9.4"	16.8"	37.5"	67.0"	
70	.29"	1.19"	2.7"	4.8"	10.7"	19.0"	43.0"	76.0"	
80	.33"	1.33"	3.0"	5.3"	11.9"	21.2"	47.5"	85.0"	
90	.36"	1.47"	3.3"	5.9"	13.1"	23.5"	52.5"	94.0"	
100	.40"	1.61"	3.7"	6.4"	14.5"	25.8"	58.3"	103.0"	
110	.43"	1.76"	3.9"	7.0"	15.7"	28.0"	63.0"	112.0"	
120	.47"	1.90"	4.3"	7.6"	17.0"	30.2"	68.0"	121.0"	
130	.50"	2.04"	4.6"	8.1"	18.2"	32.4"	73.0"	130.0"	
140	.54"	2.17"	4.9"	8.7"	19.5"	34.5"	78.0"	138.0"	
150	.57"	2.33"	5.2"	9.2"	20.7"	36.7"	83.0"	147.0"	
175	.66"	2.65"	5.9"	10.6"	23.8"	42.1"	95.0"	169.0"	
200	.76"	3.07"	6.9"	12.2"	27.5"	48.7"	110.0"	195.0"	

Air Receiver Capacities

Tank Size (inches)	Tank	Tank	Gauge Pressure on Tank (PSI)					
	Size	0	100	150	200			
	(inches)	(gallons)	Cubic Feet Tank Capacity					
	12 x 24	10	1.3	11	15	19		
	14 x 36	20	2.7	21	30	39		
	16 x 36	30	4.0	31	45	59		
	20 x 48	60	8.0	62	90	117		
	20 x 63	80	10.7	83	120	156		
	24 x 68	120	16.0	125	180	234		
	30 x 84	240	32.0	250	360	467		

If your tank is not listed in the table to the left, use the following formula to calculate the tank size (gallons) and then estimate the cubic feet tank capacity at a given pressure from the table above.

Tank Gallons = $\frac{\text{Tank Height x (Tank Radius)}^2}{73.53}$

Height and Radius are in inches

P

P

Air Hose Friction

- PSI = pressure in pounds/square inch
- CFM = air flow in cubic feet/minute

1"

Gauge Pressure - Pounds/sq inch Hose Size CFM thru 50 70 90 110 (inches) 50' Hose PSI Loss Over 50' Hose Length 20 1.8 1.0 .6 30 5.0 3.4 2.4 2.0 40 10.1 7.0 5.4 4.3 18.1 7.6 50 12.4 9.5 60 20.0 14.8 12.0 1/2" 70 28.4 22.0 17.6 80 30.5 24.6 90 41.0 33.3 44.5 10 110 .2 .2 20 04 .1 30 .5 .08 .4 .3 40 .9 .7 .5 1.5 50 2.4 1.5 1.1 .9 60 3.5 2.3 1.3 1.6 70 4.4 3.2 2.3 1.8 3/4" 80 6.5 4.2 3.1 2.4 90 8.5 5.5 4.0 3.1 100 11.4 7.0 5.0 3.9 110 14.2 4.9 8.8 6.2 120 11.0 7.5 5.9 + 130 9.0 7.1 0 20 .1 0 0

30

40

50

60

70

80

90

100

110

120

130

.2

.3

.5

.8

1.1

1.5

2.0

2.6

3.5

4.8

7.0

.1

.2

.4

.5

.7

1.0

1.3

1.6

2.0

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.1

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1.1

1.3

1.5

.1

.2

.3

.4

.6

.7

.9

1.2

1.4

1.7

2.0

⁺ pressure loss is too great and therefore the combination of hose size, CFM, and gauge pressure is not recommended. Gauge pressures the indicated air pressure in pounds/square inch, at the source (i.e. the air compressor receiver tank)

Maximum Recommended Air Flow (SCFM) Through ANSI Standard Weight Schedule 40 Metal Pipe

• Flow values in the table below are based on a pressure drop of 10% of the applied pressure per 100 feet of pipe for ½", ¼", ¾", and ½" pipe sizes; and a pressure drop of 5% of the applied pressure per 100 feet of pipe for ¾", 1", 1¼", 2", 2½", 3" pipe sizes. The table gives recommended flows for pipe sizes at listed pressures and should be used to determine appropriate piping for air systems.

Applied					Nominal	Standard I	Pipe Size					_ Te
Pressure PSI	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1¼"	1½"	2"	2½"	3"	_chn
5	0.5	1.2	2.7	4.9	6.6	13	27	40	80	135	240	S
10	0.8	1.7	3.9	7.7	11.0	21	44	64	125	200	370	<u>ai</u>
20	1.3	3.0	6.6	13.0	18.5	35	75	110	215	350	600	
40	2.5	5.5	12.0	23.0	34.0	62	135	200	385	640	1100	
60	3.5	8.0	18.0	34.0	50.0	93	195	290	560	900	1600	
80	4.7	10.5	23.0	44.0	65.0	120	255	380	720	1200	2100	
100	5.8	13.0	29.0	54.0	80.0	150	315	470	900	1450	2600	
150	8.6	20.0	41.0	80.0	115.0	220	460	680	1350	2200	3900	
200	11.5	26.0	58.0	108.0	155.0	290	620	910	1750	2800	5000	
250	14.5	33.0	73.0	135.0	200.0	370	770	1150	2200	3500	6100	

Suggested Pipe Size for Compressed Air Flow at 100 PSI Length of Run, Feet

SCFM Air Flow	25	50	75	100	150	200	300	500	1000	Compressor HP
4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1
12	1/2	1/2	1/2	3/4	3/4	1/2	3/4	1	1	3
20	3/4	3/4	3/4	3/4	1	3/4	1	11/4	11/4	5
30	3/4	3/4	1	1	1	1	11/4	11/4	11/4	7½
40	3/4	1	1	1	11/4	1	11/4	1½	1½	10
60	1	1	11/4	11/4	11/4	11/4	1½	1½	2	15
80	1	11/4	11/4	11/4	1½	11/4	1½	2	2	20
100	11/4	11/4	1½	1½	1½	1½	2	2	2½	25
120	11/4	1½	1½	1½	2	1½	2	2½	2½	30
160	11/4	1½	1½	2	2	1½	2½	2½	3	40
200	1½	2	2	2	2	2	2½	3	3	50
240	1½	2	2	2	2½	2	2½	3	3	60
300	2	2	2	2½	2½	2	3	3	3½	75
400	2	2½	2½	2½	3	2½	3	3½	4	100
500	2	2½	2½	3	3	2½	3½	3½	4	125

On a compressed air distribution system, pressure losses greater than 3% are considered excessive, and a well-designed system having a steady rate of air flow is usually designed for not more than a 1% loss or 1 PSI for a 100 PSI system. The pipe size depends not only on the volume of air flow but how far it must be carried. To hold the distribution loss to 1 PSI, pipes of larger diameter must be used on longer runs to carry the same flow that can be handled by smaller pipes on shorter runs.

Figures in the body of the chart above are pipe sizes recommended on a 100 PSI system to carry air with less than 1 PSI loss. When measuring lengths of runs, add 5' of length for each pipe fitting. If carrying 120 PSI pressure these sizes will carry slightly more air than shown, or pressure loss will be slightly less than 1 PSI. If carrying 80 PSI pressure these pipes will carry slightly less air at 1 PSI pressure loss than shown in the chart.

The left column of the chart shows the volume of air to be carried. It is difficult to estimate the air flow volume to be carried in each leg of the distribution system. This varies with the application. On some applications, like in a large plant with many legs in the distribution system serving dozens of air-operated machines, the air usage may be at a fairly steady rate. Other applications, usually on small systems, may have to carry a high surge of air if several machines happen to be operated at the same time. Then there may be a period with almost no flow.

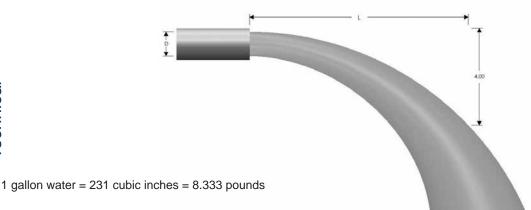
To make a realistic estimate of air flow volume, the far right column of the chart showing compressor HP may be used. On steady pumping, a compressor will produce a minimum of 4 SCFM air flow for each 1 HP of capacity. This is a conservative figure, as most compressors will produce 5 or 6 SCFM.

For example, a 25 HP compressor will produce at least 100 SCFM of air as shown in the far left column on the same line as 25 HP

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Water Constants and Formulas



1 pound of water = 27.7 cubic inches

1 cubic foot water = 7.5 gallons = 62.5 pounds (salt water weighs approximately 64.3 pounds per cubic foot)

Pounds per square inch at bottom of a column of water = height of column in feet x .434

1 miner's inch = 9 to 12 gallons per minute

Horsepower to raise water

If pumping liquid other than water, multiply the gallons per minute below by the liquids specific gravity

Horsepower = $\frac{\text{gallons per minute x total head in feet}}{3960}$

Gallons per minute through a pipe GPM = .0408 x pipe diameter inches² x feet/minute water velocity

Weight of water in a pipe Pounds water = pipe length feet x pipe diameter inches ² x .34

L	Gallo	ns per Mir	nute Discha	arge for a C	Siven
Distance	N	Iominal Pip	e Diamete	r D (inches	3)
(inches)	5	6	8	10	12
5	163				
6	195	285			
7	228	334	580		
8	260	380	665	1060	
9	293	430	750	1190	1660
10	326	476	830	1330	1850
11	360	525	915	1460	2020
12	390	570	1000	1600	2220
13	425	620	1080	1730	2400
14	456	670	1160	1860	2590
15	490	710	1250	2000	2780
16	520	760	1330	2120	2960
17	550	810	1410	2260	3140
18	590	860	1500	2390	3330
19	620	910	1580	2520	3500
20	650	950	1660	2660	3700
21	685	1000	1750	2800	3890
22	720	1050	1830	2920	4060
23	750	1100	1910	3060	4250
24		1140	2000	3200	4440

Water Discharge Table

This table is intended for general reference and general applicability only, and should not be relied upon as the sole or precise source of information available with respect to the subject covered. The user should also refer to and follow manufacturer's specific instructions and recommendations with regard to such information, where they exist.

Flow of water through 100 foot lengths of hose, Straight - Smooth Bore - US gallons per minute

PSI at	Nominal Hose ID Diameters - Inches								
Hose Inlet	1"	1¼"	1½"	2"	2½"	3"	4"	6"	
20	26	47	76	161	290	468	997	2895	
30	32	58	94	200	360	582	1240	3603	
40	38	68	110	234	421	680	1449	4209	
50	43	77	124	264	475	767	1635	4748	
60	47	85	137	291	524	846	1804	5239	
75	53	95	154	329	591	955	2035	5910	
100	62	112	180	384	690	1115	2377	6904	
125	70	126	203	433	779	1258	2681	7788	
150	77	139	224	478	859	1388	2958	8593	
200	90	162	262	558	1004	1621	3455	10038	



Figures are to be used as a guide since the hose inside diameter tolerance, the type of fittings used, and orifice restriction all influence the actual discharge. Thus, variations plus or minus from the table may be obtained in actual service.

Conversion Table - Feet of Water to Inches of Mercury

Feet of Water	1	2	4	6	8	10	12	14	16	20	22	24	26	28	30	32	34
Inches of Mercury	0.9	1.8	3.5	5.3	7.1	8.8	10.6	12.4	14.1	17.7	19.4	21.2	23.0	24.8	26.5	28.3	30.0

Feet Head of Water to PSI

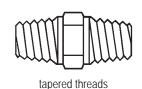
• One foot of water at 62°F = 0.433 PSI, to find the PSI for any feet head not given in the table, multiply the feet head by 0.433.

Feet Head	Pounds per Square Inch
1	0.43
2	0.87
3	1.30
4	1.73
5	2.17
6	2.60
7	3.03
8	3.46
9	3.90
10	4.33
15	6.50
20	8.66
25	10.83
30	12.99
40	17.32
50	21.65
60	25.99
70	30.32
80	34.65
90	38.98
100	43.31
110	47.64
120	51.97
130	56.30
140	60.63
150	64.96
160	69.29
170	73.63
180	77.96
200	86.62
250	108.27
300	129.93
350	151.58
400	173.24
500	216.55
600	259.85
700	303.16
800	346.47
900	389.78
1000	433.00

Pipe Threads

Pipe threads are either tapered or straight (parallel). The two styles may or may not be compatible. Refer to thread information chart on page 939.

Safety & Technica



Tapered threads

Tapered threads are the most common type of thread available. As the name implies, they have a slight taper. When mated together and tightened, the threads compress and may form a seal. Usually a thread sealant is required. The mating threads both hold the fitting in place and seal the connection. The most widely used pipe threads in North America are NPT (National Pipe Taper). Some confusion may result from the use of NPT, FPT, and MPT in describing threads. Both FPT and MPT are NPT threads, with FPT meaning female threads (internal) and MPT meaning male threads (external).

NPTF (Dryseal) threads are modified NPT threads, which are less likely to leak without a sealant. For a leak-free seal, we recommend using a sealant compound or PTFE tape. You can use NPTF threads with NPT threads, but you'll lose some of the leak-free characteristics.

straight threads

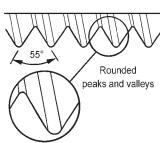
Straight threads

Straight (parallel) threads are used for mechanical joining. They serve one purpose - to hold a fitting in place. As a result, an O-ring (elastomer), hard metal seal or a soft seat seal is required. Straight pipe threads include NPSM (National Pipe Straight Mechanical), and NPSH (National Pipe Straight Hose). Sizing and pitches may differ from the NPT threads

Less common straight threads are GHT (Garden Hose) and NST (fire hose coupling).

NPT vs. BSP (British Standard Pipe)

BSPT/BSPP threads



BSP threads are common in many countries outside the United States. BSP consists of two types of threads - BSPT (British Standard Pipe Taper) and BSPP (British Standard Pipe Parallel).

BSPT threads have a slight taper similar to NPT. BSPP threads are straight (parallel) threads and have the same thread angle, shape and threads per inch (pitch) as BSPT threads. BSPT and BSPP threads should not be substituted for NPT threads.

NPT and BSPT/BSPP threads have different angles, shape, and (in most cases) threads per inch (pitch). The thread angle is 60° for NPT threads; 55° for BSPT/BSPP threads. NPT threads are flattened at the peaks and valleys, while BSPT/BSPP threads are rounded.

NPT threads
Flattened peaks and valleys

Nominal	Threa	ds per inch
Pipe Size	NPT	BSPT / BSPP
1/16"	27	
1/8"	27	28
1/4"	18	19
3/8"	18	19
1/2"	14	14
3/4"	14	14
1"	11½	11
1-1/4"	11½	11
1-1/2"	11½	11
2"	11½	11
2-1/2"	8	11
3"	8	11
3-1/2"	8	11
4"	8	11
5"	8	11
6"	8	11
8"	8	11

Identifying Threads

It is important to identify the threads required before ordering couplings.

Identifying threads can sometimes be the most difficult and frustrating part of coupling selection. However, without the right combination of threads, you may not provide a functional or safe connection.

The diameters, threads per inch (TPI) and thread pitch, etc. are necessary to completely identify a thread. Ring, plug and GO/NOGO gauges are required to accurately gauge or identify threads. In the field, in the absence of these gauges, thread leaf gauges can be used to identify the Threads Per Inch (TPI) and the thread pitch. On threads you have determined to be straight threads, a caliper can be used to measure the Outside Diameter of the male (ODM) or the Inside Diameter of the female (IDF). A caliper can also be used to take measurements of tapered thread diameters. However, these are more difficult to define because of the taper. Fortunately, there are few tapered threads to deal with and these can usually be identified from the nominal ODM and the TPI.

However, identifying the thread may not fully identify what is needed in a mating fitting. The application is the primary limiting factor on the thread type used. Dixon® offers products with a wide variety of threads used with hose, pipe and hydraulics.

When attempting to choose a fitting, it is always advisable to first identify the thread to which it must connect. This may entail checking with a fitting or equipment manufacturer.

The fire hose thread specifications for some local municipal fire equipment and hydrants may vary according to local specifications. These can generally be most easily identified by contacting the local fire department responsible for the hydrant. The most common thread used on fire equipment is National Standard Thread (NST), also known as National Hose thread (NH).

When it is not possible to identify the thread:

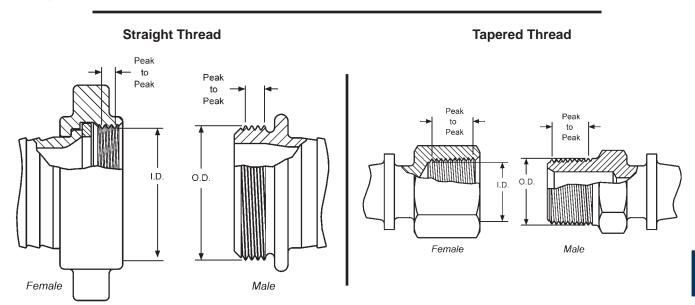
- 1. Determine the number of threads per inch by measuring the distance from peak of thread to peak of thread across the largest number of whole threads. Then divide the number of threads by the measurement (this will provide the TPI).
- 2. Check to see if the thread is straight or tapered.
 - a) Straight Threads

Measure the Outside Diameter of the Male (ODM) or the Inside Diameter of the Female (IDF), from peak of thread to peak of thread.

b) Tapered Threads

Measure the Outside Diameter of the Male (ODM) at the large end and the small end, or the Inside Diameter of the Female (IDF) at the large end and the small end, from peak of thread to peak of thread. Then measure the Outside Diameter (OD) of the unthreaded pipe.

Once the application and these two pieces of information have been determined, the thread can generally be determined. When in doubt, call Dixon® at 800.355.1991.



Safety & Technical

Abbreviation System Name Compatibility Seal Method male BSPP with female BSPP washer **BSPP** female BSPP with male BSPP British Standard Pipe Parallel washer female BSPP with male BSPT washer male BSPTr with female BSPTr thread male BSPTr with female BSPP washer **BSPTr** British Standard Pipe Taper female BSPTr with male BSPTr female BSPTr not compatible with male thread **BSPP** American Standard Fire Hose 1" male NH (NST) with 1" female NH (NST) washer Thread (1" National Hose Thread 1" female NH (NST) with 1" male NH (NST) washer CHT is Chemical Hose Thread, also 1" thread is used on both 3/4" hose & 1" not compatible known as Booster Hose Thread) hose male GHT with female GHT washer **GHT** Garden Hose Thread female GHT with male GHT washer thread is same for all size hose not compatible generic name for Straight Pipe Thread **IPS** Iron Pipe Straight Thread washer see NPSH for compatibility **IPT** more information required Iron Pipe Thread generic name for All Pipe Thread JIC Joint Industrial Committee used with other mating JIC threads mechanical male NH (NST) with female NH (NST) washer female NH (NST) with male NH (NST) American Standard Fire Hose NH Coupling Thread (National Hose thread pitch and diameters of fire threads or thread also known as National may vary according to local and municipal washer **NST** Standard Thread) regulations not compatible with other systems male NPT with female NPT thread male NPT with female NPTF thread male NPT with female NPSM washer American Standard Taper Pipe male NPT with female NPSH washer **NPT** Thread female NPT with male NPT thread (National Pipe Tapered) female NPT with male NPTF female NPT not compatible with male thread NPSM or male NPSH male NPTF with female NPTF thread male NPTF with female NPT thread male NPTF with female NPSM washer male NPTF with female NPSH washer American Standard Taper Pipe female NPTF with male NPTF thread **NPTF** Fuel Dryseal Thread (National female NPTF with male NPT thread Pipe Tapered Dryseal) female NPTF with male NPSM or NPSH NPTF with NPTF threads do not require not compatible sealant for the initial use, after that, sealant is required male NPSH with female NPSH washer female NPSH with male NPSH washer American Standard Straight Pipe NPSH female NPSH with male NPT for Hose Couplings (National Pipe washer Straight Hose) female NPSH with male NPTF washer female NPSH with male NPSM washer male NPSM with female NPSM Seal can be either male NPSM with female NPSH American Standard Straight mechanical or washer. **NPSM** Mechanical Joints (National Pipe female NPSM with male NPSM Mating fittings must be of Straight Mechanical) female NPSM with male NPT same type. female NPSM with male NPTF SIPT Straight Iron Pipe Thread generic name for Straight Pipe Thread washer TIPT Tapered Iron Pipe Thread generic name for Tapered Pipe Thread thread NYFD **NYFD** Fire Department straight thread used in New York City washer Chicago Chicago Fire Department straight thread used in Chicago washer



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Thread Chart for Hydraulic Fittings

Dash Size	2	4	6	8	10	12	16	20	24	32	40	48
JIC 37 degree Flare Thread	5/16-24	7/16-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12		
SAE O-ring Thread		7/16-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12		
NPTF Pipe Thread	1/8-27	1/4-18	3/8-18	1/2-14		3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2		
NPSM Swivel Thread		1/4-18	3/8-18	1/2-14		3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2		Q
Flat Face Thread		9/16-18	11/16-16	13/16-16	1-14	1 3/16-12	1 7/16-12					
Code 61 Flange Head OD				1.19		1.50	1.75	2.00	2.38	2.81	3.31	4.0
Code 62 Flange Head OD				1.25		1.62	1.88	2.12	2.50	3.12		
British Thread BSPP/BSPT		1/4-19	3/8-19	1/2-14	_	3/4-14	1-11					

Fittings Size Chart

Male NPT Thread Sizes

2 3/4 1/2 3/8 1/8

1½ 1¼ 1 1/4

Male NST Thread Sizes

21/2

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Thread Dimensions

Nominal Dimensions of Standard Threads

- ODM = Outside Diameter of the male
- IDF = Inside Diameter of the female
- TPI = Threads Per Inch

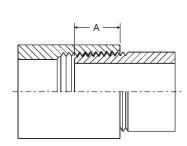
• GHT (¾") -- 1.0625 ODM, 11-½ TPI

Female NPT (Tapered Pipe) thread is not available on hose swivel nuts

ech			ered eads				Straight Threads									
Size	Pipe OD	NPT	BSPTr		NPSH			NPSM			NST (NH)			BSPP		
		TPI	TPI	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	
1/8"	.405	27.0	28				27.0	0.397	0.358					0.383	0.337	
1/4"	.540	18.0	19				18.0	0.526	0.468					0.516	0.450	
3/8"	.675	18.0	19				18.0	0.662	0.603					0.656	0.588	
1/2"	.840	14.0	14	14.0	0.8248	0.7395	14.0	0.823	0.747					0.825	0.733	
3/4"	1.050	14.0	14	14.0	1.0353	0.9500	14.0	1.034	0.958					1.041	0.950	
1"	1.315	11.5	11	11.5	1.2951	1.1921	11.5	1.293	1.201	8.0	1.375	1.2246	11	1.309	1.193	
11/4"	1.660	11.5	11	11.5	1.6399	1.5369	11.5	1.638	1.546				11	1.650	1.534	
1½"	1.900	11.5	11	11.5	1.8788	1.7758	11.5	1.877	1.785	9.0	1.990	1.8577	11	1.882	1.766	
2"	2.375	11.5	11	11.5	2.3528	2.2498	11.5	2.351	2.259				11	2.347	2.231	
21/2"	2.875	8.0	11	8.0	2.8434	2.6930	8.0	2.841	2.708	7.5	3.068	2.9104	11	2.960	2.844	
3"	3.500	8.0	11				8.0	3.467	3.334	6.0	3.623	3.5306	11	3.460	3.344	
4"	4.500	8.0	11				8.0	4.466	4.333	4.0	5.010	4.7111	11	4.450	4.334	
41/2"										4.0	5.760	5.4611				
5"	5.563	8.0	11				8.0	5.528	5.395	4.0	6.260	5.9602	11	5.450	5.359	
6"	6.625	8.0	11				8.0	6.585	6.452	4.0	7.025	6.7252	11	6.450	6.359	
8"	8.625	8.0														
10"	10.750	8.0														
12"	12.750	8.0														

Normal Engagement Length of NPT Thread in Inches (A)

• Dimensions given do not allow for variations in tapping or threading.



Thread Size	Dimension A
1/8"	1/4"
1/4"	3/8"
3/8"	3/8"
1/2"	1/2"
3/4"	9/16"
1"	11/16"
1-1/4"	11/16"
1-1/2"	11/16"
2"	3/4"
2-1/2"	15/16"
3"	1"
4"	1-1/8"
5"	1-1/4"
6"	1-5/16"
8"	1-7/16"
10"	1-5/8"
12"	1-3/4"

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Thread Sealing Tips

Thread Sealing Tips

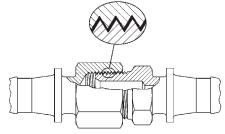
Sealing NPT threads can be an exasperating experience if certain techniques are not followed. The following tips will help alleviate many common problems in thread sealing:

- Always use some type of sealant (tape or paste) and apply sealant to male thread only. If using a hydraulic sealant, allow sufficient curing time before system is pressurized.
- 2. When using tape sealant, wrap the threads in a clockwise motion starting at the first thread and, as layers are applied, work towards the imperfect (vanishing) thread. If the system that the connection being made to cannot tolerate foreign matter (i.e. air systems), leave the first thread exposed and apply the tape sealant as outlined above.
- When using paste sealant, apply to threads with a brush, using the brush to work the sealant into the threads. Apply enough sealant to fill in all the threads all the way around.
- 4. When connecting one stainless steel part to another stainless steel part that will require future disassembly, use a thread sealant that is designed for stainless steel (see page 787). This stainless steel thread sealant is also useful when connecting aluminum to aluminum that needs to be disconnected in the future. These two materials gall easily, and if the correct sealant is not used, it can be next to impossible to disassemble.
- When connecting parts made of dissimilar metals (i.e. steel and aluminum), standard tape or paste sealant performs satisfactory.
- For sizes 2" and below, tape or paste performs satisfactory. When using thread tape, four wraps (covering all necessary threads) is usually sufficient.
- For sizes 2½" and above, thread paste is recommended.
 If thread tape is used, eight wraps (covering all necessary threads) is usually sufficient. Apply more wraps if necessary.
- 8. For stubborn to seal threads, apply a normal coating of thread paste followed by a normal layer of thread tape.
- 9. For extremely stubborn to seal threads, apply a normal coating of thread paste followed by a single layer of gauze bandage followed by a normal layer of thread tape.

Caution!

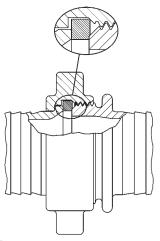
When this procedure is done, the connection becomes permanent. Extreme measures will be necessary to disconnect these components. *All other measures to seal the threads should be explored prior to use of this technique.*

10. Over-tightening threads can be just as detrimental as insufficient tightening. For sizes 2" and below, hand tighten the components and, with a wrench, tighten 3 full turns. For sizes 2½" and above, hand tighten the components and, with a wrench, tighten 2 full turns.



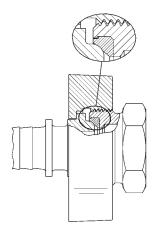
Thread Seal Type

- A seal is obtained by applying a sealant to the male thread before engaging.
- The sealant is used to prevent spiral leakage.
- Thread tape or paste is the preferred sealant in this type of application.
- Please refer to page 902 for thread tape options.



Washer Seal Type

- A seal is obtained when the male thread is tightened down onto the washer of the female assembly.
- The washer should be inspected regularly and replaced as needed to prevent leakage.
- Please refer to pages 72 and 40 for replacement washers.



Mechanical Seal Type

- A seal is obtained through metal to metal contact or metal to seal contact, i.e. JIC couplings (page 511) have a metal to metal seal. Boss™ Ground Joint couplings (pages 67-69) have a metal to seal contact (shown above).
- The couplings should be retightened as needed to prevent leakage.



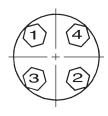




Flange Bolt Tightening Sequence

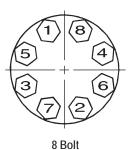
(Use appropriate gaskets and bolts)

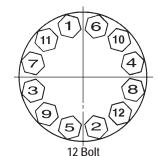
Safety & Technical



4 Bolt

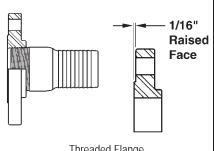
See page 945 for drilling dimensions





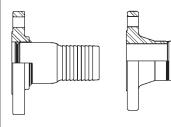
Flange Diagrams

Threaded Applications

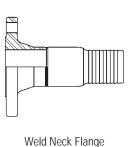


Threaded Flange with raised face

Welded Applications

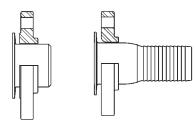


Slip-On Flange with raised face



Weld Neck Flange S
with raised face w

Floating Applications (flange free to swivel)



Slip-On Flange with raised face

Lap-Joint Flange

Dimensions of 150 LB. ASA Steel Flanges

					3 -		
Nominal Pipe Size	Flange OD	Thickness ¹	OD of Raised Face	Diameter of Bolt Circle	Number of Bolts	Diameter of Bolt Holes	Diameter of Bolts
1"	4-1/4"	9/16"	2"	3-1/8"	4	5/8"	1/2"
1-1/4"	4.62"	5/8"	2-1/2"	3-1/2"	4	5/8"	1/2"
1-1/2"	5"	11/16"	2-7/8"	3-7/8"	4	5/8"	1/2"
2"	6"	3/4"	3-5/8"	4-3/4"	4	3/4"	5/8"
2-1/2"	7"	7/8"	4-1/8"	5-1/2"	4	3/4"	5/8"
3"	7-1/2"	15/16"	5"	6"	4	3/4"	5/8"
4"	9"	15/16"	6-3/16"	7-1/2"	8	3/4"	5/8"
5"	10"	15/16"	7-5/16"	8-1/2"	8	7/8"	3/4"
6"	11"	1"	8-1/2"	9-1/2"	8	7/8"	3/4"
8"	13-1/2"	1-1/8"	10-5/8"	11-3/4"	8	7/8"	3/4"
10"	16"	1-3/16"	12-3/4"	14-1/4"	12	1"	7/8"
12"	19"	1 1/4"	15"	17"	12	1"	7/8"

¹ 1/16" raised face is included in the thickness

Dimensions of Tank Truck Flanges (TTMA Drilling)

Nominal Pipe Size	Flange OD	Thickness ¹	Diameter of Bolt Circle	Number of Bolts	Diameter of Bolt Holes	Diameter of Bolts
3"	5-5/8"	3/8"	4-7/8"	8	7/16"	3/8"
4"	6-5/8"	3/8"	5-7/8"	8	7/16"	3/8"
6"	8-7/8"	3/8"	8-1/8"	12	7/16"	3/8"

¹ listed thickness is for aluminum flanges

P

ANSI Flange Dimensions

150 lb. Standard

300 lb. Standard

Nominal	Outside	Flange	Drill Template			Nominal	Outside	Flange	D	rill Templa	te
Pipe Size	Diameter Flange	Thickness	Number Holes	Diameter Bolts	Bolt Circle	Pipe Size	Diameter Flange	Thickness	Number Holes	Diameter Bolts	Bolt Circle
1/2" 3/4" 1" 1-1/4" 1-1/2"	3-1/2" 3-7/8" 4-1/4" 4-5/8" 5"	7/16" 1/2" 9/16" 5/8" 11/16"	4 4 4 4	1/2" 1/2" 1/2" 1/2" 1/2"	2-3/8" 2-3/4" 3-1/8" 3-1/2" 3-7/8"	1/2" 3/4" 1" 1-1/4" 1-1/2"	3-3/4" 4-5/8" 4-7/8" 5-1/4" 6-1/8"	9/16" 5/8" 11/16" 3/4" 13/16"	4 4 4 4	1/2" 5/8" 5/8" 5/8" 3/4"	2-5/8" Technica 3-1/4" 3-1/2" 3-7/8" 4-1/2"
2" 2-1/2" 3" 3-1/2" 4"	6" 7" 7-1/2" 8-1/2" 9"	3/4" 7/8" 15/16" 15/16" 15/16"	4 4 4 8 8	5/8" 5/8" 5/8" 5/8" 5/8"	4-3/4" 5-1/2" 6" 7" 7-1/2"	2" 2-1/2" 3" 3-1/2" 4"	6-1/2" 7-1/2" 8-1/4" 9" 10"	7/8" 1" 1-1/8" 1-3/16" 1-1/4"	8 8 8 8	5/8" 3/4" 3/4" 3/4" 3/4"	5" 5-7/8" 6-5/8" 7-1/4" 7-7/8"
5" 6" 8" 10" 12"	10" 11" 13-1/2" 16" 19"	15/16" 1" 1-1/8" 1-3/16" 1-1/4"	8 8 8 12 12	3/4" 3/4" 3/4" 3/4" 3/4"	8-1/2" 9-1/2" 11-3/4" 14-1/4" 17"	5" 6" 8" 10" 12"	11" 12-1/2" 15" 17-1/2" 20-1/2"	1-3/8" 1-7/16" 1-5/8" 1-7/8" 2"	8 12 12 16 16	3/4" 3/4" 7/8" 1" 1-1/8"	9-1/4" 10-5/8" 13" 15-1/4" 17-3/4"

600 lb. Standard

900 lb. Standard

Nominal	Outside	Flange	D	rill Templa	te	Nominal	Outside	Flange	D	rill Templa	te
Pipe Size	Diameter Flange	Thickness	Number Holes	Diameter Bolts	Bolt Circle	Pipe Size	Diameter Flange	Thickness	Number Holes	Diameter Bolts	Bolt Circle
1/2"	3-3/4"	9/16"	4	5/8"	2-5/8"	1/2"	4-3/4"	7/8"	4	7/8"	3-1/4"
3/4"	4-5/8"	5/8"	4	3/4"	3-1/4"	3/4"	5-1/8"	1"	4	7/8"	3-1/2"
1"	4-7/8"	11/16"	4	3/4"	3-1/2"	1"	5-7/8"	1-1/8"	4	1"	4"
1-1/4"	5-1/4"	13/16"	4	3/4"	3-7/8"	1-1/4"	6-1/4"	1-1/8"	4	1"	4-3/8"
1-1/2"	6-1/8"	7/8"	4	7/8"	4-1/2"	1-1/2"	7"	1-1/4"	4	1-1/8"	4-7/8"
2"	6-1/2"	1"	8	3/4"	5"	2"	8-1/2"	1-1/2"	8	1"	6-1/2"
2-1/2"	7-1/2"	1-1/8"	8	7/8"	5-7/8"	2-1/2"	9-5/8"	1-5/8"	8	1-1/8"	7-1/2"
3"	8-1/4"	1-1/4"	8	7/8"	6-5/8"	3"	9-1/2"	1-1/2"	8	1"	7-1/2"
3-1/2"	9"	1-3/8"	8	1"	7-1/4"	3-1/2"	11-1/2"	1-3/4"	8	1-1/4"	9-1/4"
4"	10-7/5"	1-1/2"	8	1"	8-1/2"	4"	13-3/4"	2"	8	1-3/8"	11"
5"	13"	1-3/4"	8	1-1/8"	10-1/2"	6"	15"	2-3/16"	12	1-1/4"	12-1/2"
6"	14"	1-7/8"	12	1-1/8"	11-1/2"	8"	18-1/2"	2-1/2"	12	1-1/2"	15-1/2"
8"	16-1/2"	2-3/16"	12	1-1/4"	13-3/4"	10"	21-1/2"	2-3/4"	16	1-1/2"	18-1/2"
10"	20"	2-1/2"	16	1-3/8"	17"	12"	24"	3-1/8"	20	1-1/2"	21"
12"	22"	2-5/8"	20	1-3/8"	19-1/4"		•	•	•		•



Dimensions of Seamless and Welded Steel Pipe ASA-B36.10 and B36.19

Pipe Schedule Wall Thickness Nominal OD Pipe Extra XXX (inches) 30 Stand. 60 80 100 120 140 10 20 40 160 Size Strong Strong 0.405 0.049 0.068 0.068 0.095 0.095 1/4" 0.540 0.065 0.088 0.088 0.119 0.119 ---------------------3/8" 0.675 0.065 0.091 0.091 0.126 0.126 1/2" 0.840 0.083 0.109 0.109 ---0.147 0.147 0.188 0.294 ---0.083 0.113 0.113 0.154 0.154 0.219 0.308 3/4" 1.050 ---------------0.250 1" 1.315 0.109 0.133 0.133 0.179 0.179 0.358 ---------------0.109 0.191 0.250 11/4" 1.660 0.140 0.140 0.191 0.382 ---------------11/2" 1.900 0.109 0.145 0.145 0.200 0.200 0.281 0.400 ------0.109 0.154 0.154 0.218 0.218 0.344 2" 2.375 0.436 2.875 0.120 0.203 0.203 0.276 0.276 0.375 0.552 21/2" 3" 0.120 0.300 3.500 ------0.216 0.216 ---0.300 ---------0.438 0.600 3½" 4.000 0.120 0.226 0.226 0.318 0.318 ---------------------4" 4.500 0.120 0.237 0.237 0.337 0.337 0.438 0.531 0.674 ------5" 5.563 0.134 0.258 0.258 0.375 0.375 0.500 0.625 0.750 ---------------0.280 6" 6.625 0.134 0.280 0.432 0.432 0.562 0.719 0.864 8" 8.625 0.148 0.250 0.277 0.322 0.322 0.406 0.500 0.500 0.594 0.719 0.812 0.906 0.873 0.250 0.307 0.365 0.365 0.594 0.844 1.000 1.000 10" 10.750 0.165 0.500 0.500 0.719 1.125 12" 12.750 0.180 0.250 0.330 0.375 0.406 0.562 0.500 0.688 0.844 1.000 1.125 | 1.312 | 1.000

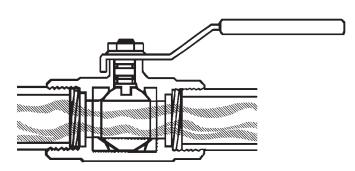
Definitive Cross-Reference from NPS to DN Specification Sizes

Nominal		OD						Pipe Sc	hedule	Wall Th	ickness					
Pipe Size	DN	(inches)	5S	5	10S	10	20	30	40S	40	60	80S	80	100	120	160
1/8"	6	0.405		0.035		0.049		0.057		0.068			0.095			
1/4"	8	0.540		0.049		0.065		0.073		0.088			0.119			
1/2"	15	0.840		0.065		0.083		0.095		0.109			0.147		0.170	0.188
3/4"	20	1.050		0.065		0.083		0.095		0.113			0.154		0.170	0.219
1"	25	1.315		0.065		0.109		0.114		0.133			0.179		0.200	0.250
1¼"	32	1.660		0.065		0.109		0.117		0.140			0.191		0.215	0.250
1½"	40	1.900		0.065		0.109		0.125		0.145			0.200		0.225	0.281
2"	50	2.375		0.065		0.109				0.154			0.218		0.250	0.344
2½"	65	2.875		0.083		0.120				0.203			0.276		0.300	0.375
3"	80	3.500		0.083		0.120				0.216			0.330		0.350	0.438
4"	100	4.500		0.083		0.120				0.237	0.281		0.377		0.437	0.531
5"	125	5.563		0.109		0.134				0.258			0.375		0.500	0.625
6"	150	6.625		0.109		0.134				0.280			0.432		0.562	0.719
8"	200	8.625		0.109		0.148	0.250	0.277		0.322	0.406		0.500	0.593	0.718	0.906
10"	250	10.750	0.134	0.134	0.165	0.165	0.250	0.307	0.365	0.365	0.500	0.500	0.593	0.718	0.843	
12"	300	12.750	0.156	0.165	0.180	0.180	0.250	0.330	0.375	0.406	0.500	0.500	0.687	0.843	1.000	



Valve Selection Guide

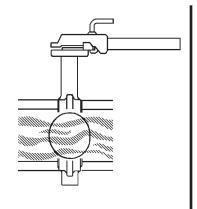
Ball Valve



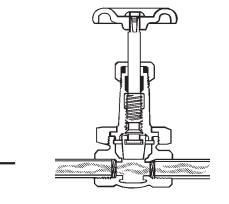


- · can be used for on and off service or throttling
- when positive shut-off is necessary
- where a low valve profile is necessary
- only 90° rotation from open to fully closed (quick opening)
- Handle position is a quick indication of whether valve is open or closed.
- · full port ball valves do not resist flow

Butterfly Valve



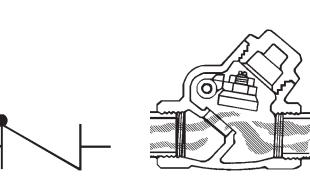




- · where positive shut-off is necessary
- primarily for fully open or fully closed applications
- may be used for throttling
- only 90° rotation from open to fully closed
- lightweight
- easy to install
- less costly than an iron body gate valve

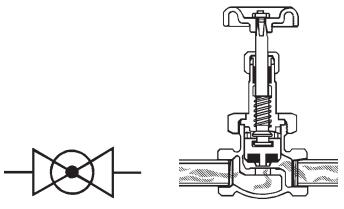
- · for fully open or fully closed service not for throttling
- for minimum line pressure drop
- for minimum fluid entrapment in the line
- for relatively infrequent operation

Check Valve



- To control the direction of flow and for quick, automatic reactions to flow change. Swing check valves are used when a minimum resistance to flow is required.
- · Swing check valves are recommended for use in conjunction with gate valves. They should not be used in a rapid recycling system such as reciprocating pumps or air compressor service where they could cause chatter and damaging vibration.

Globe Valve



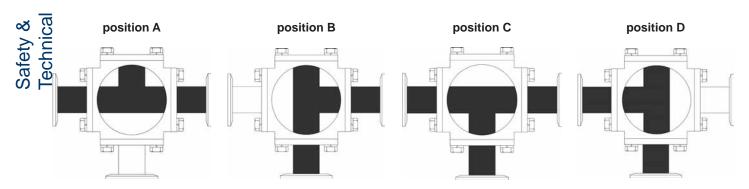
- · for regulation (throttling) of flow
- for frequent operation; short stem travel reduces operator's
- where some line resistance is acceptable

P

3-Way Ball Valve Flow Options

'T' Pattern, Side Entry

Top view

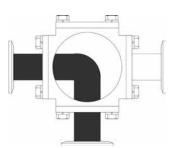


Number	Rotation	Flow Plan Options
- Number	Rotation	1 low 1 latt Options
1	90°	A, B
2	90°	B, C
3	90°	C, D
4	90°	A, D
5	180°	A, B, C
6	180°	B, C, D
7	180°	A, C, D
8	180°	A, B, D

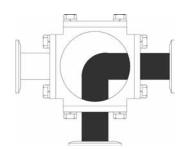
'L' Pattern, Side Entry

Top view

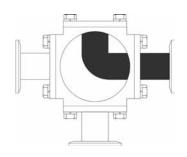




position B



position C



Number	Rotation	Flow Plan Options
1	90°	A, B
2	180°	A, B, C

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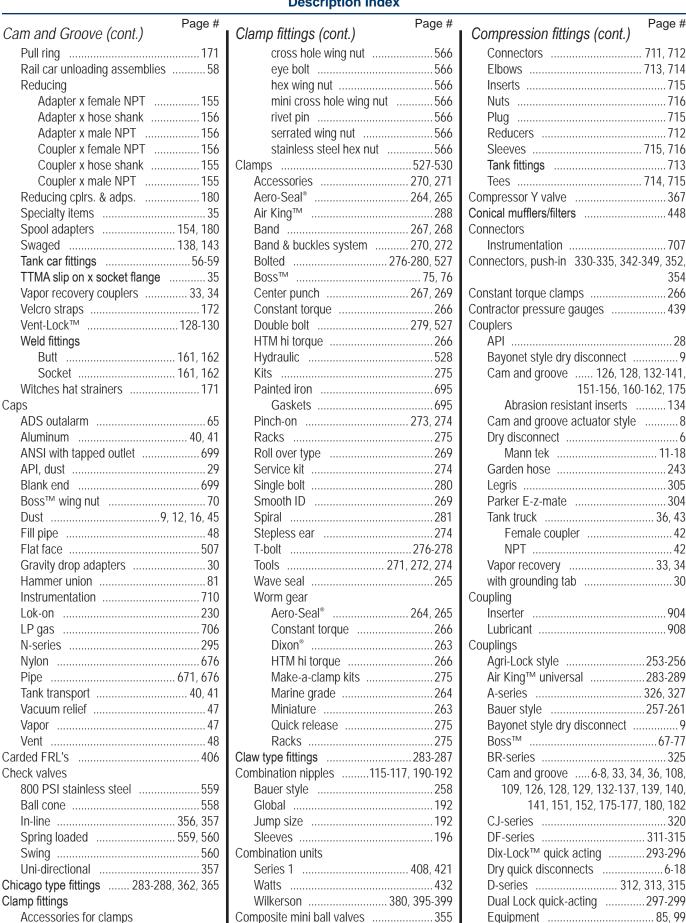
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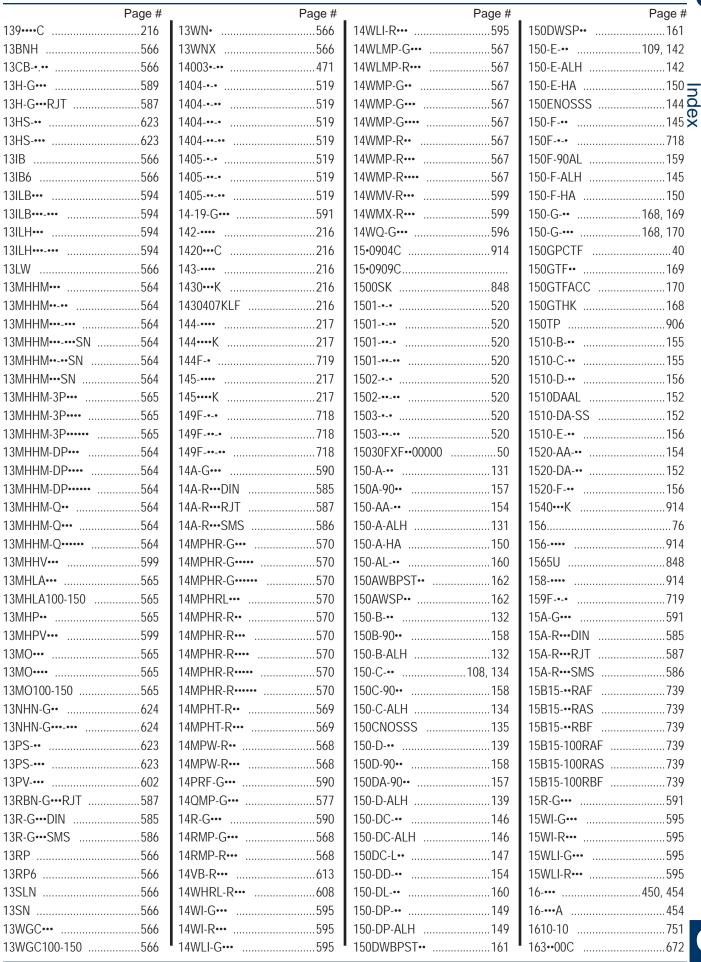
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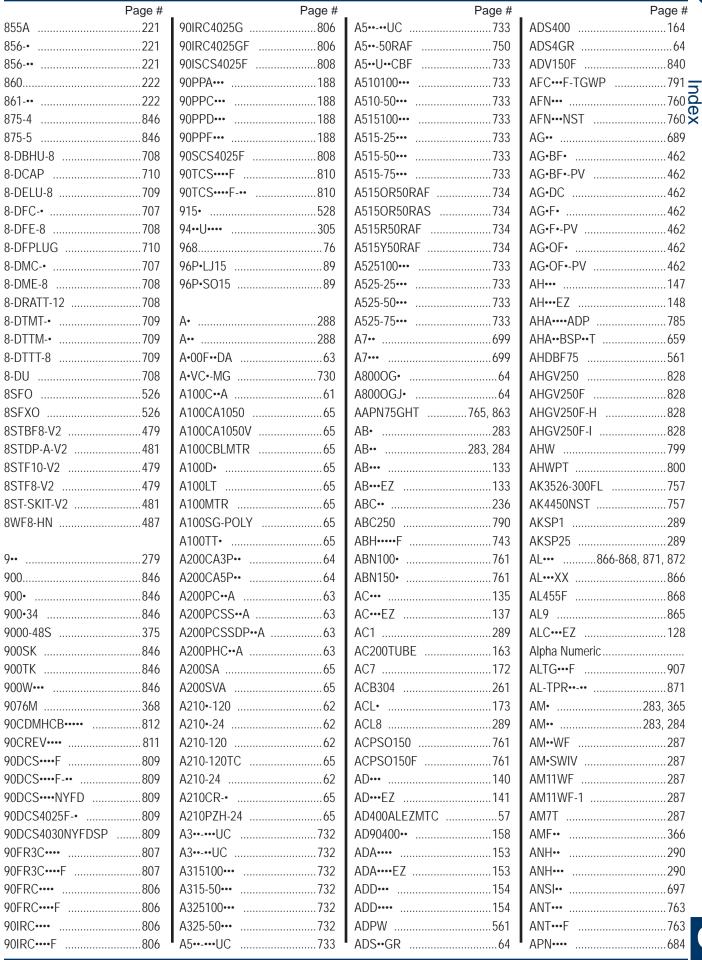
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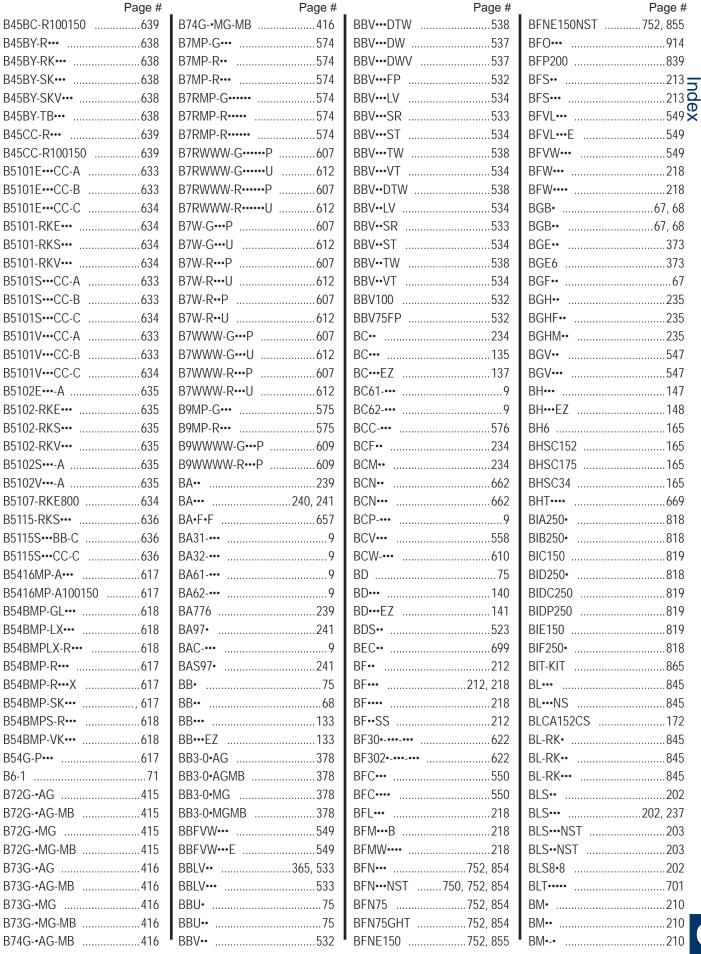
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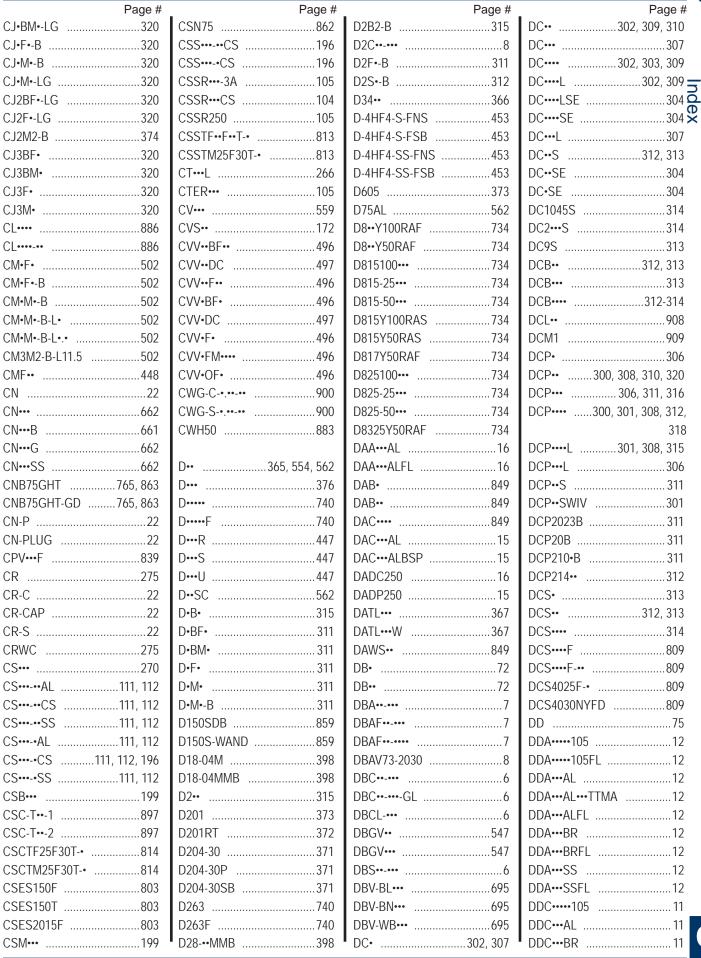
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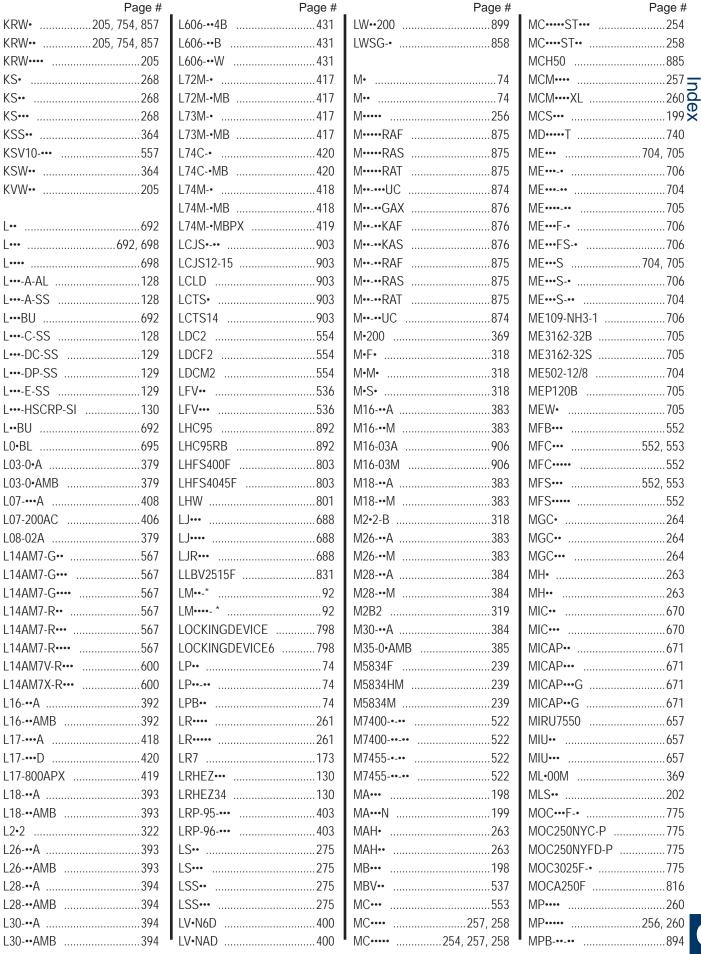
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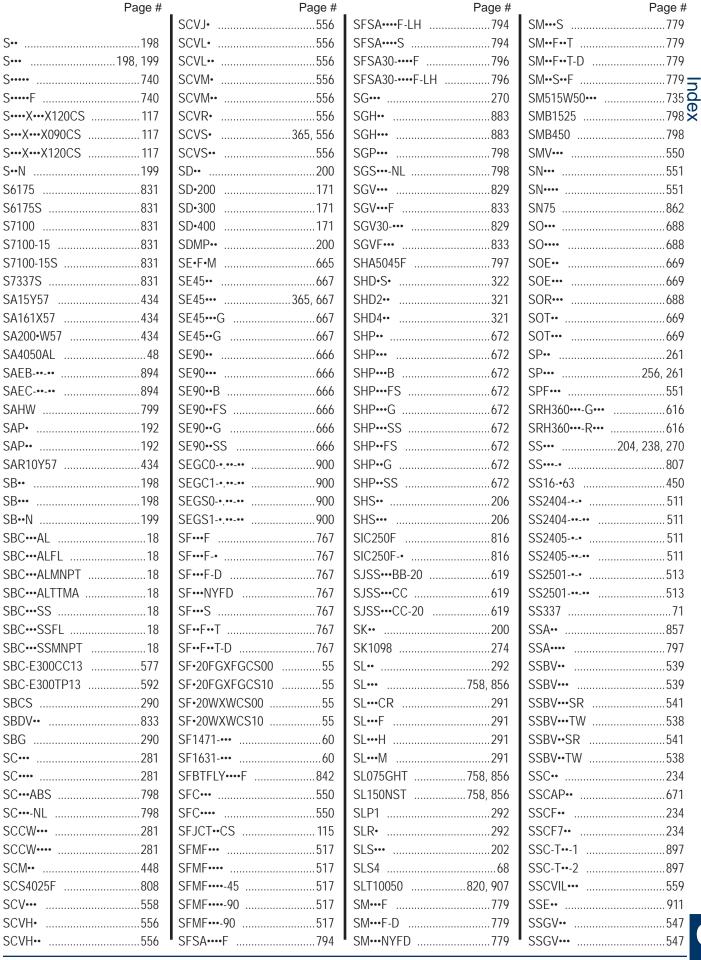
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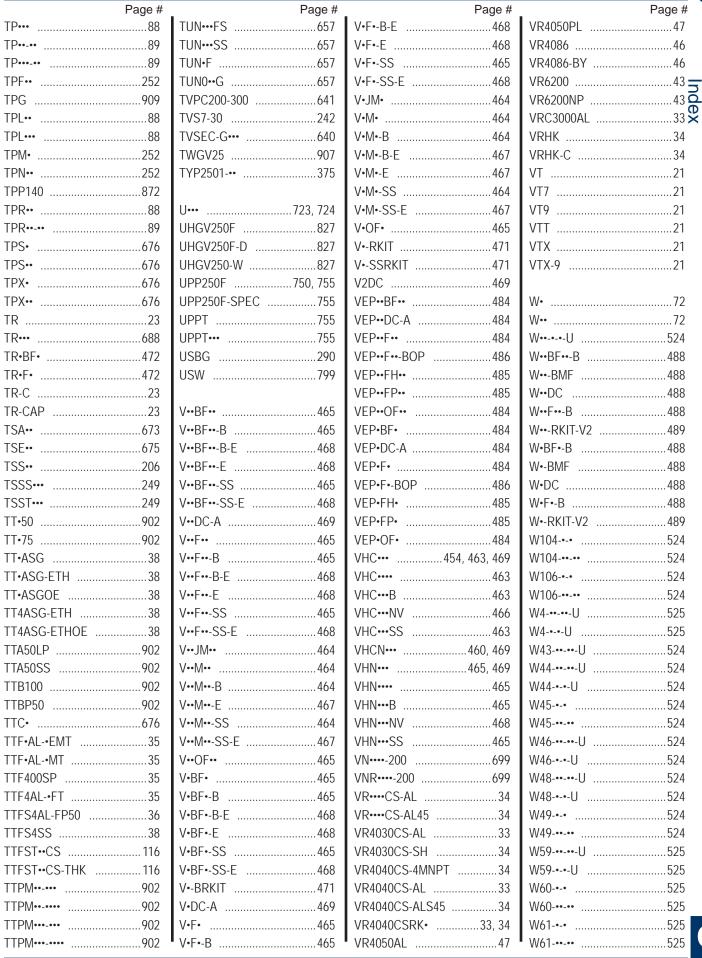
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