

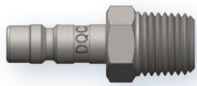


The Right Connection™

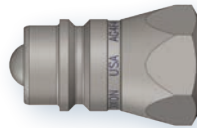
Dixon Quick Coupling Catalog

Dixon Quick Coupling 2012 Catalog

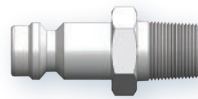




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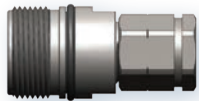
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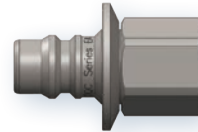
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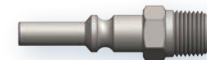
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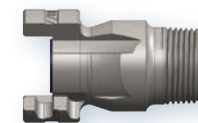
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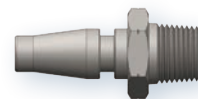
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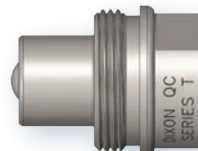
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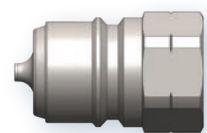
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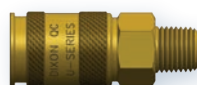
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*If you don't see
your part, call
800-839-8980*

Be Safe When Selecting Quick Couplings!



All quick disconnect couplings should be viewed as potential hazards that can cause property damage, personal injury or even death if used or installed improperly! Improper use includes selecting a product unsuitable for your application, installing or using the product incorrectly and ignoring signs of imminent failure or mis-use. Failure may result in explosive propulsion of components, rapid expulsion of hazardous media, and failure or unintentional movement of a fluid powered component.

Proper Selection of Quick Disconnect Couplings

The very properties that make a compressed media useful in almost every area of modern life can also make them dangerous when mishandled. Dixon quick disconnect couplings have been carefully engineered to meet specific industry requirements while maintaining abundant safety margins. If quick disconnect couplings are not used in the 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 quick disconnect couplings and it is up to the distributor to supply the right coupling for the application.

The use of S.T.A.M.P.E.D. will help in the proper selection of quick disconnect coupling products. When in doubt, Dixon Quick Coupling will provide information, including test results (if available), coupling recommendations and other data to help resolve quick disconnect coupling related issues.

S.T.A.M.P.E.D. Questions and Selection Process

Size

Couplings should be selected to handle the flow and pressure requirements of the system. Excessive pressure drop will result in restricted flow, slower actuation, higher fluid velocity, heat generation and eventually a breakdown of fluids, seals and components.

1. What size coupler is required?
2. What is the maximum allowable pressure drop for the application?
3. Are there any size restrictions due to a 'tight-spot' installation?

Temperature

Media and ambient temperatures must be limited to the specific operating parameters of the selected sealing materials. Excessive cold will reduce sealing capability while excessive heat can cause the premature breakdown of body and valve seals.

1. What is the media/fluid temperature?
2. What is the ambient temperature?
3. Are there any 'flash' heat or fire sources near the connection?

Application

Quick coupling interchangeability is a key issue that needs to be closely reviewed. There are several instances where non-interchangeable couplers and nipples may connect. This is very dangerous and these couplings should never be pressurized. Be sure to match like series couplers and nipples!

1. Is an industry interchange coupler required?
2. What are the functional requirements of the coupling?
3. Have there been any problems with other couplings in this application?

Media

Quick disconnect couplings are available with a variety of body materials and seal options. Exposure to harsh and corrosive operating environments may reduce service life. Several quick couplings spill fluid upon disconnection which may be a safety concern!

1. Which seal and body materials are compatible with the system fluid?
2. Is air inclusion, system contamination or fluid loss a concern?
3. Is this fluid dangerous to the operator?

Pressure

During the selection process, the published working pressure of the coupling must be equal to or greater than the maximum system pressure. Surge pressures in a fluid power system, higher than the rated pressure, will shorten the service life of the coupling.

1. Is the pressure 'Static' or 'Dynamic'?
2. What is the maximum operating pressure required for the application?
3. Are there any pressure spikes in the system?

Ends

Many end configurations are available and each one has specific operating parameters. For example, the working pressure of couplings utilizing Hose Barb or Collar Hose Barb end connections may be dramatically reduced. In if doubt, test under controlled conditions for suitability to the application.

1. What end configuration and size is required? (Male Threaded, Female Threaded, or Hose Barb)
2. Does the chosen end configuration support the application parameters and system pressure?
3. What is the ideal valving configuration? (Single Shut-off, Double Shut-off, or Unvalved)

Details

Forgotten or missed application details can cause a failure if not properly addressed! Be meticulous in the assessment of your application to ensure that all parameters are considered in the selection of the proper quick disconnect coupling.

1. Are there any side-load, vibration or swivelling problems associated with the application?
2. Does the coupling require a safety sleeve-lock mechanism?
3. Are there any environmental concerns that need to be addressed?

Be Safe When Selecting Quick Couplings!



Warning!

Quick disconnect couplings can fail without warning! Prior to the operation of quick coupling products, be sure to inspect and replace worn out fittings and safety devices. If a leak is detected during operation, release the pressure from the circuit before investigating the cause of the fluid leak. Do not use your fingers or skin to check for leaks, high pressure leaks of fluids can easily penetrate the skin and can cause serious injury or death.

Safe Quick Coupling Practices



Smart!

1. Always wipe the coupling cavities and faces clean before connecting a coupling.
2. Connect coupling before installation to ensure that it works properly.
3. Always check the body seals before connecting a coupling.
4. Shut-off power source before connecting a coupling.
5. Always install a safety check valve on a pneumatic line and/or compressor.
6. Always use a safety cable on large air lines (½" lines and larger).
7. Always use a whip hose on hydraulic or air tools.
8. Use dust caps or plugs when couplings are not in use.
9. If the locking sleeve is inoperable, check the safety lock.
10. Wear eye protection while connecting or disconnecting a coupling.

Unsafe Quick Coupling Practices



Not Smart!

1. Never hit coupling valves to release trapped pressure.
2. Never leave couplings in the path of moving equipment.
3. Never use couplings near a welder, flash heat, or fire / flame sources.
4. Never use API modified sealants or over apply PTFE tape during installation.
5. Use care if you must install quick couplings onto black iron pipe.
6. Never hit a coupling sleeve with a hammer or blunt object.
7. Never overtighten a coupling connection.
8. Never rotate a quick disconnect coupling under pressure.
9. Do not overpressurize quick disconnect couplings.
10. Never use a hose with a quick disconnect coupling to lift a tool.

OSHA Regulations Ensure Operator Safety



Safety Cables



Safety Check Valves

Standard - 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)(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.

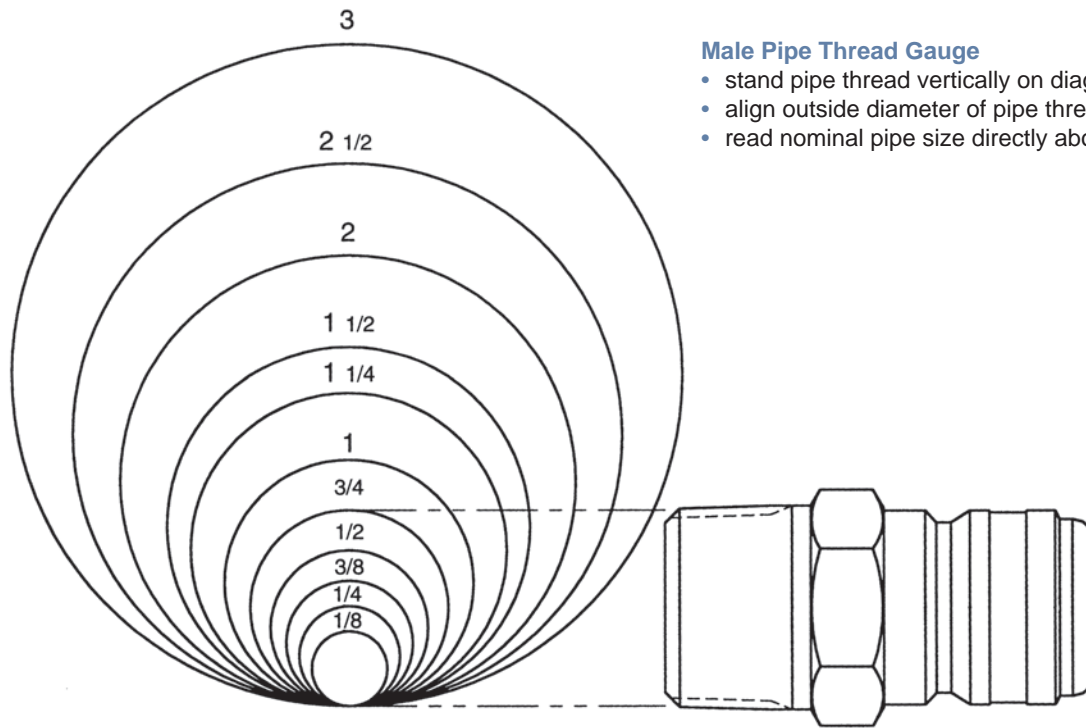
(b)(7) All hoses exceeding ½" inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in case of hose failure.

Standard - 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.

Male / Female Pipe (NPTF) Thread Identification



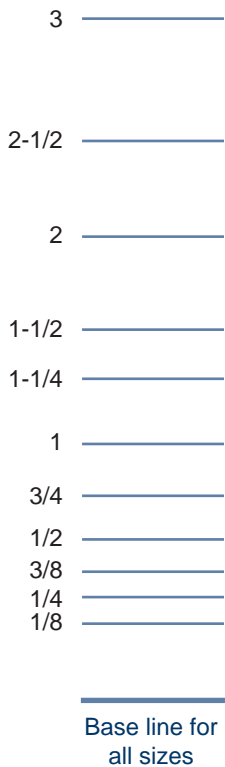
Male Pipe Thread Gauge

- stand pipe thread vertically on diagram
- align outside diameter of pipe thread with matching circle
- read nominal pipe size directly above circle

Example: 3/4 male pipe
(Dixon end size = 6)

Female Pipe Thread Gauge

- hold pipe thread against scale on edge of page
- align one side of pipe thread with illustration base line
- read nominal pipe size directly from scale



Nominal Pipe Size (inches)	Dixon End Size	Nominal Thread Size (inches)	Nominal Pipe Size (inches)
1/8	1	1/8 - 27	0.41
1/4	2	1/4 - 18	0.54
3/8	3	3/8 - 18	0.68
1/2	4	1/2 - 14	0.84
3/4	6	3/4 - 14	1.05
1	8	1-11-1/2	1.32
1-1/4	10	1-1/4 - 11-1/2	1.66
1-1/2	12	1-1/2 - 11-1/2	1.90
2	16	2 - 11-1/2	2.38
2-1/2	20	2-1/2 - 8	2.88
3	24	3 - 8	3.50

Example: 3/4 female pipe
(Dixon end size = 6)

Glossary of Quick Coupling Terms

Absolute Pressure: A measure of pressure having its zero point at atmospheric pressure. For example, the sum of atmospheric and gauge pressure would be absolute pressure (PSIA). For vacuum, it is expressed in inches of mercury.

Accidental Disconnection: Disconnection of a coupling while in operation due to failure of the coupling mechanism (a.k.a. unintentional disconnection).

Accumulator: A container in which fluid is stored under pressure as a source of reserve fluid power.

Aeration: Air in a fluid

Air Inclusion: The air forced into the system during the connection of a quick disconnect coupling.

Atmospheric Pressure: Pressure exerted by the atmosphere at any specific location. Sea level pressure is approximately 14.7 PSI.

Backpressure: Refers to pressure existing on the discharge side of a system.

Bar: An international standard unit of pressure equal to 100,000 Pascals, approximately 14.5 PSI.

Blind-Mate: A coupling that can be automatically connected without human intervention and without visibility.

Break-Away: Automatic disconnection of a coupling when an axial separation force is applied.

Brinelling: Dimples or grooves worn into the shoulder of a male half by locking balls in the female half. This is terminology stemming from a test that is done to evaluate the hardness of metals. Swedish metallurgist, Johan August Brinell (1849-1925), developed a hardness test that measures the relative hardness of metals and alloys by forcing a 10 mm hard steel ball into a test piece with a 3000 kg load for 30 seconds. After completion of the test, the surface area of the resulting indentation was measured.

Burst Pressure: The pressure at which a device loses the capability to retain pressure.

Case Hardening: Hardening the entire surface of a low carbon steel to a specific depth.

Cavitation: A localized gaseous condition within a liquid stream which occurs where the pressure is reduced to the vapor pressure.

Charge Pressure: The pressure at which replenishing fluid is forced into the hydraulic system (above atmospheric pressure).

Check Valve: A valve which permits flow of media in one direction only.

Cold Flow: Continued deformation under load.

Connect Under Pressure: The ability to connect coupling halves with internal line pressure applied to either both sides or one side.

Contamination: Any material foreign to a media that has a harmful effect on its performance in a system.

Coupling, Female Half: a.k.a. coupler, socket, receiver

Coupling, Male Half: a.k.a. nipple, plug, adapter

Coupling, Quick Disconnect: A component which can quickly join or separate a fluid line without the use of tools or special devices.

Differential Pressure: (DP) The difference in pressure between any two points of a system or a component, also known as Delta-P or pressure drop.

Drybreak Coupling: A coupling that allows connection and disconnection without spillage or air inclusion (a.k.a. flush face, flat face, no-spill)

Double-Acting Sleeve: Permits push-to-connect and pull-to-connect convenience when female half is mounted on the sleeve.

Dust Cap: Dust or dirt repelling enclosure for the nipple.

Dust Plug: Dust or dirt repelling enclosure for the coupler.

Dynamic Pressure: Pressure that, once it is released, is able to be immediately replenished.

Flow Checking: Occurs when a valve closes during flow conditions, such as when quickly lowering a heavy implement (a.k.a. check off, back checking, lock-up).

Flush Position (valve): A no-spill valve that allows connection and disconnection without spillage or air inclusion. (a.k.a. flush face, drybreak, no-spill).

Force to Connect: Axial and/or rotational force required to make a complete connection.

Force to Disconnect: The reverse of the above.

GPM: Acronym for Gallons Per Minute, a measure of flow.

Leakage: The media that is unintentionally released from a coupling due to component failure or retention weaknesses.

LPM: Acronym for Liters Per Minute, a measure of flow.

Induction Hardening: Hardening of a localized area of medium or high carbon steel.

Operating Pressure: The pressure at which a system is operated (a.k.a. working pressure).

Peak Pressure: Maximum momentary pressure encountered in the operation of a component (a.k.a. pressure spike, surge pressure)

Pressure Cap: A cap which incorporates a seal capable of withstanding the rated pressures on the male half.

Pressure Impulse Test: Subjecting a component to a specified pressure at a specific rate of increase or decrease for a specified time limit and cycle.

Proof Pressure: The nondestructive test pressure in excess of the maximum rated operating pressure, generally 1.5 times the standard operating pressure.

PSI: Acronym for Pounds Per Square Inch, a measure of pressure.

Push to Connect: Locking arrangement which permits one handed connection by pushing the nipple into the coupler (a.k.a. automatic sleeve, automatic collar, automatic connection).

Rotation: The act of spinning the coupler and nipple in opposite directions in a continuous manner beyond 360°.

Single Acting Sleeve: Making connection requires manually pulling female sleeve back, inserting the male tip (a.k.a. semi-auto sleeve, manual sleeve)

Sleeve Lock: A coupling arrangement that provides an additional lock which must be actuated before locking sleeve can be retracted (a.k.a. pin-lock, locking sleeve).

Spillage: The fluid released from the system due to disconnection of a quick disconnect coupling. This is the fluid trapped between the mating seal and the valve seal of the coupling halves.

Static Pressure: Pressure that, once released, is not able to be immediately replenished.

Surge Flow: A rapid increase in fluid flow.

Swivel: The act of spinning the coupler and nipple in opposite directions to a degree that is less than 360°.

Thermal Build-Up: Pressure caused by expansion of a media due to heat from an external source such as sunlight (a.k.a. thermal expansion).

Trapped Pressure: Pressurized fluid trapped behind a closed coupling valve.

Turbulence: Is the condition where the media does not move smoothly parallel to the flow direction. Turbulent flow is caused by abrupt changes in direction, changes of cross-section, or by high velocity. The result is increased friction, which generates heat, decreases operating pressure and wastes power.

Twist Lock: A locking arrangement which requires a rotational actuation to unlock the mating halves.

Vacuum: Partially or completely exhausted of air, gas or other media to create a negative pressure. Theoretically, a perfect vacuum would be measured as 30 inches of mercury, but that is unattainable. The true perfect vacuum is 29.7 inches of mercury.

Be Safe When Installing Quick Couplings!



All quick disconnect couplings should be viewed as potential hazards that can cause property damage, personal injury or even death if used or installed improperly!

Couplings should be installed in a location that will allow easy operation of the coupling and accessibility for all necessary installation tools. Care should be given to consider operator safety, especially if spillage upon disconnection could result in fluid ignition or skin and eye irritation.

Only apply wrenches to the hex or machined wrench flats that are provided for assembly purposes, nowhere else. Never clamp on the sleeve of the coupler or the nose of the nipple, this will cause distortion and/or damage.

Finally, always test quick coupling installations before putting into operation by pressurizing the unit to 150% of the working pressure in an enclosed/protective environment.

Installation of Tapered Thread Connections (NPTF)

The seal for NPTF threads is created by the metal-to-metal contact between the roots and crests of the male and female threads. Too much PTFE tape, or pairing liquid sealant with PTFE tape may cause distortion, poor thread engagement, or cracking of the coupling during assembly.

The total number of tapered threads engaged should be between 3½ to 6. Any number of threads outside this range may indicate either under or over tightening of the joint or out of tolerance threads. After assembly of a NPTF thread connection, always proof-test the connection before operating the system. If the joint proves to be inadequately tightened during proof-pressure testing, tighten it further in 1/8 turn increments until a reliable seal is attained (do not exceed 3 T.F.F.T!)

1



Apply 1½ to 2 wraps of PTFE tape, starting one or two threads from the lead edge, in a clockwise direction. For 316 stainless steel, be sure to use stainless grade tape.

2



Check threads to make sure there is no obvious damage on either half and that tape is properly installed. Align male and female threaded connections and carefully begin threading the two halves together.

3



Finger tighten the connection and create a reference mark on the hex of the hose end/adaptor and the coupling. This mark will help identify the number of revolutions during the next step in the procedure.

4

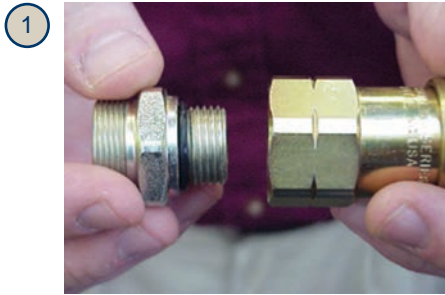


With even and smooth force applied, wrench tighten according to the 'Turns From Finger Tight' (T.F.F.T.) values listed below. **DO NOT OVERTIGHTEN!**

SAE Size	NPTF Thread Size	T.F.F.T
-4	1/4" - 18	2
-6	3/8" - 18	2
-8	1/2" - 14	2
-12	3/4" - 14	1.5
-16	1" - 11 1/2	1.5

Be Safe When Installing Quick Couplings!

Installation of O-Ring Boss (ORB) Connections



1
Lightly lubricate the O-Ring on the adapter and thread it into the coupling. Hand-tighten, ensuring that the O-Ring is not pinched during installation.



2
Wrench tighten the connection to the appropriate torque specification, as shown in the chart below.

SAE Size	Thread Size	Torque Nm	Torque lb-ft
-4	7/16"-20	18-20	13-15
-6	9/16"-28	29-33	22-24
-8	3/4"-16	49-53	40-43
-10	7/8"-14	59-64	43-48
-12	1-1/16"-12	93-102	68-75
-16	1-5/16"-12	151-166	112-123
-20	1-5/8"-12	198-218	146-161
-24	1-7/8"-12	209-231	154-170

Installation of 37° Flare (JIC) Connections



1
Lightly lubricate the flare on the adapter and thread it into the coupling. Hand-tighten, ensuring that the flare is seated correctly during installation.



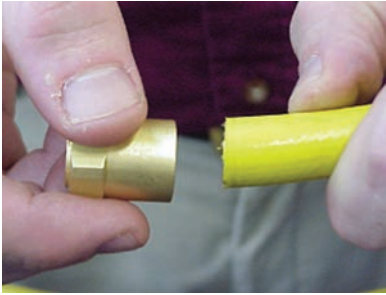
2
Wrench tighten the connection to the appropriate torque specification, as shown in the chart below.

SAE Size	Thread Size	Torque Nm	Torque lb-ft
-4	7/16"-20	15-16	11-12
-6	9/16"-28	24-28	18-20
-8	3/4"-16	49-53	36-39
-10	7/8"-14	77-85	57-63
-12	1-1/16"-12	107-119	79-88
-16	1-5/16"-12	147-154	108-113
-20	1-5/8"-12	172-181	127-133
-24	1-7/8"-12	215-226	158-167

Be Safe When Installing Quick Couplings!

Installation of Reusable Hose Couplings

1



Trim the end of the hose as square as possible.

2



Install ferrule by slipping it onto the end of the hose and twisting it counter-clockwise.

3



Apply lubricant sparingly to the reusable barb before inserting it into the ferrule.

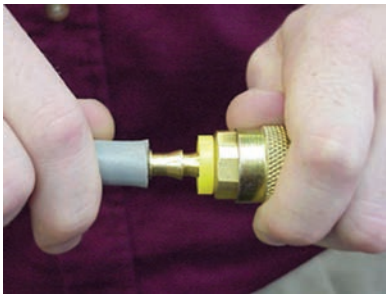
4



Turn the reusable fitting into the ferrule until coupling is seated against ferrule.

Installation of Push-Loc Hose Connections

1



Trim hose end squarely and lubricate the Push-Loc barb and hose. Insert Push-Loc barb into hose until first barb is in the hose.

2



Place the end of the fitting against a flat object and grip the hose one inch from end. Push with a steady force until end of hose is covered by yellow plastic cap.

Be Safe When Installing Quick Couplings!

Installation of 'N' and 'P' Series Ferruled Hose Barbs

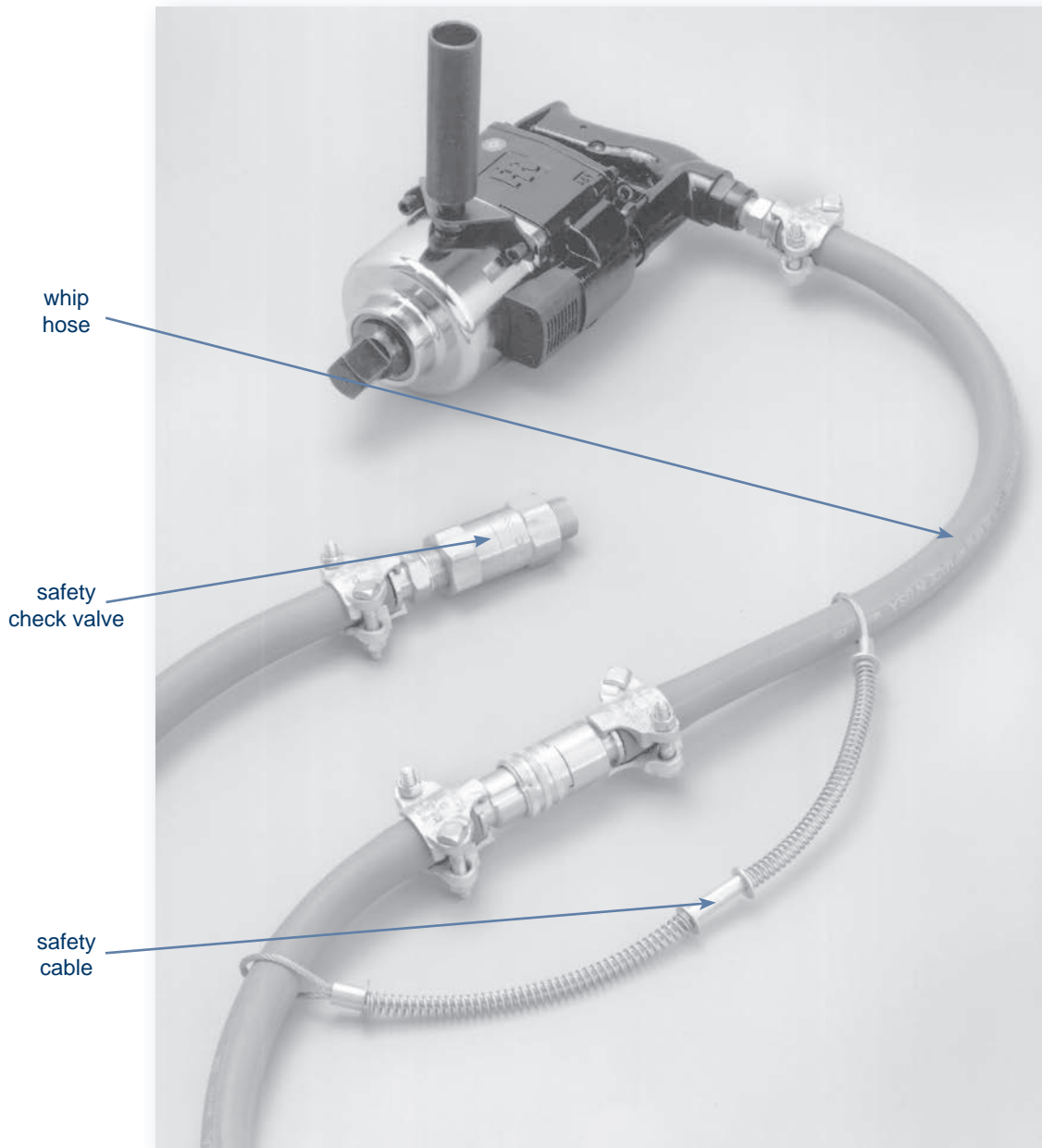
Note that the charts below are to be used only as a guide and not as a steadfast rule for every coupling application. In some instances, alternative dies and crimped dimensions must be employed. Hoses, as well as couplings, react differently during crimping. This is due to the fact that there are variances in hose constructions for hose with similar dimensions. Some variables are: textile braid versus wire braid, hardwall versus softwall, presence or lack of internal spiral wire as well as differences in hose covers. In addition, the outer diameter of the hose tends to fluctuate from end to end and production lot to production lot. With this in mind, we suggest that you measure the hose OD and maintain accurate records for each coupling application.

Hose ID	Fractional Hose OD	Decimal Hose OD	'N' Crimp Length	'N' Crimp OD \pm .005	'P' Crimp Length	'P' Crimp OD \pm .005
1/2"	54/64"	0.844	1-1/8"	0.917	1-1/4"	0.917
1/2"	55/64"	0.859	1-1/8"	0.929	1-1/4"	0.929
1/2"	56/64"	0.875	1-1/8"	0.942	1-1/4"	0.942
1/2"	57/64"	0.891	1-1/8"	0.954	1-1/4"	0.954
1/2"	58/64"	0.906	1-1/8"	0.987	1-1/4"	0.987
1/2"	59/64"	0.922	1-1/8"	0.980	1-1/4"	0.980
1/2"	60/64"	0.938	1-1/8"	0.992	1-1/4"	0.992
1/2"	61/64"	0.953	1-1/8"	1.005	1-1/4"	1.005
1/2"	62/64"	0.969	1-1/8"	1.018	1-1/4"	1.018
1/2"	63/64"	0.984	1-1/8"	1.030	1-1/4"	1.030
1/2"	1"	1.000	1-1/8"	1.043	1-1/4"	1.043
1/2"	1-1/64"	1.016	1-1/8"	1.056	1-1/4"	1.056
1/2"	1-2/64"	1.031	1-1/8"	1.068	1-1/4"	1.068
3/4"	1-10/64"	1.156	1-1/4"	1.220	1-1/4"	1.220
3/4"	1-11/64"	1.171	1-1/4"	1.235	1-1/4"	1.235
3/4"	1-12/64"	1.187	1-1/4"	1.244	1-1/4"	1.244
3/4"	1-13/64"	1.203	1-1/4"	1.260	1-1/4"	1.260
3/4"	1-14/64"	1.218	1-1/4"	1.270	1-1/4"	1.270
3/4"	1-15/64"	1.234	1-1/4"	1.285	1-1/4"	1.285
3/4"	1-16/64"	1.250	1-1/4"	1.295	1-1/4"	1.295
3/4"	1-17/64"	1.265	1-1/4"	1.310	1-1/4"	1.310
3/4"	1-18/64"	1.281	1-1/4"	1.320	1-1/4"	1.320
3/4"	1-19/64"	1.296	1-1/4"	1.335	1-1/4"	1.335
3/4"	1-20/64"	1.312	1-1/4"	1.345	1-1/4"	1.345
3/4"	1-21/64"	1.328	1-1/4"	1.360	1-1/4"	1.360
3/4"	1-22/64"	1.343	1-1/4"	1.370	1-1/4"	1.370

Installation of Light Duty Ferrules

Hose ID	Fractional Hose OD	Decimal Hose OD	Dixon Part #	Ferrule Thickness	SMOD	% Compression	Crimp Diameter
1/2"	54/64"	0.8438	CCF0906	0.024	0.513	15	0.853
1/2"	55/64"	0.8594	CCF0906	0.024	0.513	15	0.866
1/2"	56/64"	0.8750	CCF0906	0.024	0.513	15	0.880
3/4"	1-5/64"	1.0781	CCF1120	0.030	0.763	20	1.086
3/4"	1-6/64"	1.0938	CCF1120	0.030	0.763	20	1.098
3/4"	1-7/64"	1.1094	CCF1149	0.030	0.763	20	1.111
3/4"	1-8/64"	1.1250	CCF1149	0.030	0.763	20	1.123
3/4"	1-9/64"	1.1406	CCF1190	0.025	0.763	20	1.126
3/4"	1-10/64"	1.1563	CCF1190	0.025	0.763	20	1.138
3/4"	1-11/64"	1.1719	CCF1218	0.025	0.763	20	1.151
3/4"	1-12/64"	1.1875	CCF1218	0.025	0.763	20	1.163
3/4"	1-13/64"	1.2031	CCF1246	0.030	0.763	20	1.186
3/4"	1-14/64"	1.2188	CCF1246	0.030	0.763	20	1.198
3/4"	1-15/64"	1.2344	CCF1277	0.030	0.763	20	1.211
3/4"	1-16/64"	1.2500	CCF1277	0.030	0.763	20	1.223
1"	1-25/64"	1.3906	CCF1430	0.030	1.007	20	1.380
1"	1-26/64"	1.4063	CCF1430	0.030	1.007	20	1.392
1"	1-27/64"	1.4219	CCF1469	0.030	1.007	20	1.405
1"	1-28/64"	1.4375	CCF1469	0.030	1.007	20	1.417
1"	1-29/64"	1.4531	CCF1500	0.030	1.007	20	1.430
1"	1-30/64"	1.4688	CCF1500	0.030	1.007	20	1.442
1"	1-31/64"	1.4844	CCF1530	0.030	1.007	20	1.455
1"	1-32/64"	1.5000	CCF1530	0.030	1.007	20	1.467

Installation of Pneumatic Couplings



Warning!

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.

Fluid Compatibility Guide

The following chart is intended only as a guide in selecting various elastomers and metals for use with fluids to be conveyed through Dixon Quick Disconnect Couplings. This list does not guarantee suitability for a particular application. Final selection is dependent upon operating pressure, fluid and ambient temperature, concentration of media, duration of exposure, environmental conditions, and frequency of connect and disconnect.



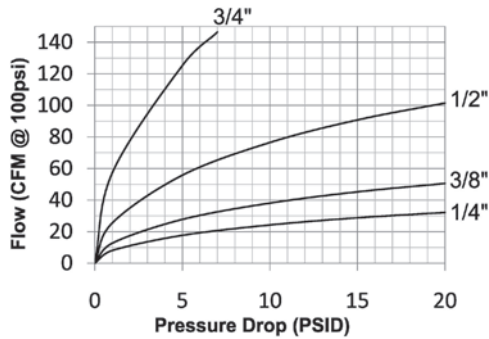
Material	Prefix Code	Trade Name	Availability	Range °C	Range °F
Buna-N	Standard	Nitrile	Stock	-40°C to +121°C	-40°F to +250°F
Buna-N (MIL-H-5606 Fluids)	M-	Nitrile	3-5 Days	-54°C to +135°C	-65°F to +275°F
Buna-N (Hydrocarbon Fuels)	JF-	Nitrile	3-5 Days	-54°C to +71°C	-65°F to +160°F
Fluorocarbon Rubber (FKM)	F-	Viton	3-5 Days	-29°C to +204°C	-20°F to +400°F
Ethyl Propylene Diene Monomer	P-	EPDM	5-7 Days	-54°C to +149°C	-65°F to +300°F
Neoprene	E-	Neoprene	7-10 Days	-43°C to +149°C	-45°F to +300°F
Silicone	S-	Silicone	7-10 Days	-73°C to +177°C	-100°F to +350°F
Fluorosilicone (FVMQ)	FS-	Silastic	7-10 Days	-60°C to +180°C	-76°F to +376°F
Urethane	U-	Urethane	7-10 Days	-40°C to +82°C	-40°F to +180°F
Polyurethane	UP-	Polyurethane	7-10 Days	-54°C to +100°C	-65°F to 212°F
PTFE Encapsulated Silicone	TS-	TES	7-10 Days	-73°C to +204°C	-100°F to +400°F
Perfluoroelastomer (Compound 1)	K4-	Kalrez 4079	5-7 Days	-20°C to +316°C	-4°F to +600°F
Perfluoroelastomer (Compound 2)	K6-	Kalrez 6375	7-10 Days	-20°C to +275°C	-4°F to +525°F
Perfluoroelastomer (Compound 3)	K7-	Kalrez 7075	7-10 Days	-20°C to +327°C	-4°F to +620°F
Fluoroelastomer	H-	Aflas	7-10 Days	-5°C to +204°C	+23°F to +400°F

Media Name	Suggested Seal	Media Name	Suggested Seal	Media Name	Suggested Seal
Acetic Anhydride	P-	Freon, General	E-	Mineral Spirits	Standard
Acetone	P-	Ferric Hydroxide	Standard	Nickel Acetate	P-
Acetylene	Standard	Formaldehyde (50%)	P-	Nickel Suphate	P-
Air (To 200°F)	Standard	Fuel Oils, General	Standard	Nitrogen, Gas	Standard
Air (Above 200°F)	F-	Gasoline	Standard	Nitrous Oxide	Standard
Alcohol, Ethyl	P-	Glycerine (Glycerol)	Standard	Octane	F-
Alcohol, Methyl	Standard	Glycols	P-	Oleum Spirits	Standard
Alkalies, General	Standard	Helium	Standard	OS45 and OS45-1	F-
Ammonia, Aqueous	P-	Heptane	Standard	Oxygen, Non-Breathing	F-
Ammonia, Gas	P-	Hexane	Standard	Paint Thinner	F-
Ammonia, Anhydrous	P-	Hydraulic Oil, Aircraft	Standard	Paraffin	Standard
Ammonia, Hydroxide	P-	Hydraulic Oil, Petroleum	Standard	Peanut Oil	Standard
Aroclor	F-	Hydraulic Oil, Phosphate	P-	Pentane	Standard
Benzene (Benzol)	F-	Hydrogen Gas	Standard	Perchloroethylene	F-
Bleach Solutions	P-	Hydrolube	Standard	Phosphoric Acid (100%)	P-
Brake Fluid, Non-Petro	P-	Isobutyl Alcohol	P-	Photographic Solutions	P-
Bromine Gas	F-	Isopropyl Alcohol	F-	Potassium Acetate	P-
Butane	Standard	Jet Fuel (to 160°F)	JF-	Propane	Standard
Butyl Alcohol	Standard	Jet Fuel (above 160°F)	F-	Propylene	F-
Carbon Dioxide, Dry	Standard	Kerosene	Standard	Propylene Glycol	Standard
Carbon Dioxide, Wet	Standard	Lindol	P-	Silicone Oil	Nitrile
Carbon Monoxide	Standard	LP Gas	Standard	Steam, General Service	H-
Carbon Tetrachloride	F-	Magnesium Hydroxide	F-	Stoddard Solvent	Standard
Cellulube	P-	Methane	Standard	Sulphuric Acid (100%)	F-
Creosote	F-	Methanol	Standard	Toluene	F-
Crude Oil	F-	Methyl Bromide	F-	Transmission Fluid (A)	Standard
Cutting Oil	Standard	Methyl Ethyl Ketone (MEK)	P-	Trichloroethylene	F-
Diesel Fuel	Standard	MIL-F-81912 (JP-9)	P-	Turpentine	Standard
Diester Lubricants	F-	MIL-H-5606	M1-	Vegetable Oil	Standard
Ethane	Standard	MIL-H-5806	Standard	Water	Standard
Ethanol	Standard	MIL-H-6083	Standard	Water, Distilled	Standard
Ethyl Chloride	Standard	MIL-H-7083	Standard	Water, Dionized	Standard
Ethylene Glycol	P-	Mineral Oils	Standard	Water, Sea	P-

DF-Series Pneumatic Couplings

Interchange Data:

- Parker 20-Series Manual Interchange (F-Series)
- Parker 30-Series Automatic Interchange (D-Series)
- Foster 3, 4, 5, and 6 Series



Materials:

- Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Automatic couplers constructed of brass with steel tubular valve as standard (3/8\" to 3/4\" couplers have steel prong valves).
- 1/4\" manual couplers constructed of brass with steel sleeve and steel tubular valve as standard.
- 3/8\" and 1/2\" manual couplers constructed of steel as standard with steel tubular valve.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Charts:

Body Size	D-Series Automatic Industrial Interchange (Connected)															
	Brass Coupler/Steel Plug				Brass Coupler/Plug				Steel Coupler/Plug				303 Stainless Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	500	35	16,000	1,100	300	20	16,000	1,100	-	-	-	-	500	35	26,000	1,795
3/8"	500	35	15,500	1,070	300	20	14,500	1,000	-	-	-	-	500	35	25,500	1,760
1/2"	500	35	14,000	965	300	20	10,500	725	-	-	-	-	500	35	20,500	1,415
3/4"	500	35	10,000	670	-	-	-	-	-	-	-	-	-	-	-	-

Body Size	F-Series Manual Industrial Interchange (Connected)															
	Brass Coupler/Steel Plug				Brass Coupler/Plug				Steel Coupler/Plug				303 Stainless Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	500	35	9,000	620	300	20	8,500	586	500	70	6,500	448	500	35	11,500	795
3/8"	500	35	11,500	790	300	20	10,000	690	500	70	19,500	1,345	500	35	20,500	1,415
1/2"	-	-	-	-	-	-	-	-	500	70	15,500	1,070	500	35	15,000	1,035

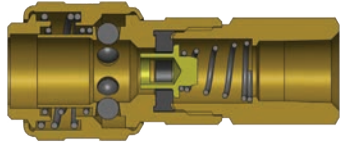
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters					
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow ΔP=15 PSI	
1/4"	MIL-C-4109F	A-A-59439	ISO6150B	T3.20.14-1990	6	N/A	N/A	N/R	27 CFM	
3/8"	-	-	ISO6150B	T3.20.14-1990	6	N/A	N/A	N/R	45 CFM	
1/2"	MIL-C-4109F	A-A-59439	ISO6150B	T3.20.14-1990	6	N/A	N/A	N/R	91 CFM	
3/4"	-	-	-	T3.20.14-1990	9	N/A	N/A	N/R	200 CFM	

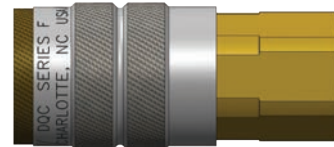
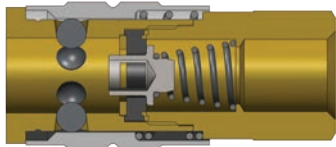
List Price Seal Option Adders:

Body Size	Seal Options				Valve Options					Sleeve Options					Treatments					
	Viton®		EPDM		Unvalved		Brass		303SS		Flanged		Sleeve-Lock		Brass		303SS		Oxy-Clean	
	Pre	Add \$	Pre	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$
1/4"	F-	\$2.00	P-	\$2.50	-E	-\$0.65	-BV	\$0.90	-SV	\$0.90	-FS	N/A	-LS	\$5.00	-BS	\$2.60	-XS	\$7.60	-C1	\$12.00
3/8"	F-	3.10	P-	N/A	-E	-2.70	-BV	2.90	-SV	2.90	-FS	N/A	-LS	6.00	-BS	N/A	-XS	15.50	-C1	12.00
1/2"	F-	4.40	P-	N/A	-E	-3.00	-BV	3.50	-SV	3.50	-FS	N/A	-LS	7.50	-BS	N/A	-XS	20.00	-C1	14.00
3/4"	F-	N/A	P-	N/A	-E	-3.80	-BV	N/A	-SV	N/A	-FS	N/A	-LS	8.90	-BS	std.	-XS	N/A	-C1	16.00

DF-Series Pneumatic Couplings

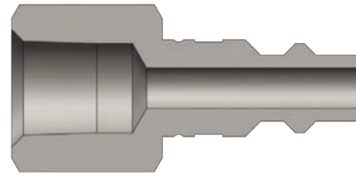


Body Size	D-Series Automatic Industrial Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2DF1-B	1/8" - 27 NPTF	brass		2.19	55.6	0.99	25.1	11/16"	0.30	10	100
1/4"	2DF2-B	1/4" - 18 NPTF	brass		2.38	60.5	0.99	25.1	11/16"	0.28	10	100
1/4"	2DF2-S	1/4" - 18 NPTF	303 stainless		2.38	60.5	0.99	25.1	11/16"	0.29	10	100
1/4"	2DBF2-B	1/4" - 19 BSPP	brass		2.38	60.5	0.99	25.1	11/16"	0.28	10	100
1/4"	2DF3-B	3/8" - 18 NPTF	brass		2.38	60.5	0.99	25.1	11/16"	0.30	10	100
1/4"	2DF3-S	3/8" - 18 NPTF	303 stainless		2.38	60.5	0.99	25.1	13/16"	0.30	10	100
1/4"	2DBF3-B	3/8" - 19 BSPP	brass		2.38	60.5	0.99	25.1	13/16"	0.30	10	100
3/8"	3DF2-B	1/4" - 18 NPTF	brass		2.50	63.5	1.26	32.0	7/8"	0.43	10	50
3/8"	3DF3-B	3/8" - 18 NPTF	brass		2.60	66.0	1.26	32.0	7/8"	0.42	10	50
3/8"	3DF3-S	3/8" - 18 NPTF	303 stainless		2.60	66.0	1.26	32.0	7/8"	0.42	10	50
3/8"	3DBF3-B	3/8" - 19 BSPP	brass		2.60	66.0	1.26	32.0	7/8"	0.42	10	50
3/8"	3DF4-B	1/2" - 14 NPTF	brass		2.80	71.1	1.26	32.0	1"	0.46	10	50
1/2"	4DF3-B	3/8" - 18 NPTF	brass		3.10	78.7	1.38	35.1	1-1/16"	0.56	5	30
1/2"	4DF4-B	1/2" - 14 NPTF	brass		3.30	83.8	1.38	35.1	1-1/16"	0.66	5	30
1/2"	4DF4-S	1/2" - 14 NPTF	303 stainless		3.30	83.8	1.38	35.1	1-1/16"	0.67	5	30
1/2"	4DBF4-B	1/2" - 14 BSPP	brass		3.30	83.8	1.38	35.1	1-1/16"	0.66	5	30
1/2"	4DF6-B	3/4" - 14 NPTF	brass		3.40	86.4	1.38	35.1	1-3/16"	0.73	5	30
3/4"	6DF4-B	1/2" - 14 NPTF	brass		2.95	74.9	1.73	43.9	1-5/16"	1.10	-	20
3/4"	6DF6-B	3/4" - 14 NPTF	brass		2.99	75.9	1.73	43.9	1-5/16"	1.10	-	20
3/4"	6DF8-B	1" - 11 1/2 NPTF	brass		3.18	80.8	1.73	43.9	1-1/2"	1.24	-	20



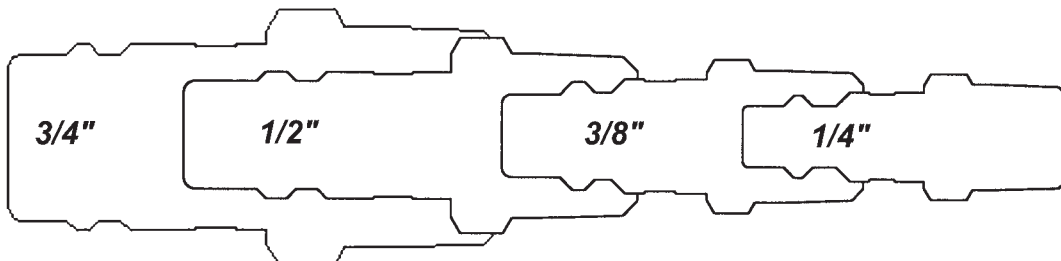
Body Size	F-Series Manual Industrial Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2FF1-B	1/8" - 27 NPTF	brass		1.91	48.6	0.93	23.5	3/4"	0.20	10	100
1/4"	2FBF1-B	1/8" - 28 BSPP	brass		1.91	48.6	0.93	23.5	3/4"	0.20	10	100
1/4"	2FF2	1/4" - 18 NPTF	steel		2.07	52.6	0.93	23.5	3/4"	0.20	10	100
1/4"	2FF2-B	1/4" - 18 NPTF	brass		2.07	52.6	0.93	23.5	3/4"	0.19	10	100
1/4"	2FF2-S	1/4" - 18 NPTF	303 stainless		2.07	52.6	0.93	23.5	3/4"	0.20	10	100
1/4"	2FBF2-B	1/4" - 19 BSPP	brass		2.07	52.6	0.93	23.5	3/4"	0.19	10	100
1/4"	2FF3-B	3/8" - 18 NPTF	brass		2.10	53.4	0.93	23.5	13/16"	0.19	10	100
1/4"	2FF3-S	3/8" - 18 NPTF	303 stainless		2.10	53.4	0.93	23.5	13/16"	0.18	10	100
1/4"	2FBF3-B	3/8" - 19 BSPP	brass		2.13	54.2	0.93	23.5	13/16"	0.19	10	100
3/8"	3FF2	1/4" - 18 NPTF	steel		2.41	61.2	1.13	28.6	7/8"	0.30	10	50
3/8"	3FF3	3/8" - 18 NPTF	steel		2.41	61.2	1.13	28.6	7/8"	0.32	10	50
3/8"	3FF3-S	3/8" - 18 NPTF	303 stainless		2.41	61.2	1.13	28.6	7/8"	0.32	10	50
3/8"	3FBF3	3/8" - 19 BSPP	steel		2.42	61.5	1.13	28.6	7/8"	0.32	10	50
3/8"	3FF4	1/2" - 14 NPTF	steel		2.63	66.9	1.13	28.6	1"	0.34	10	50
1/2"	4FF3	3/8" - 18 NPTF	steel		2.85	72.5	1.24	31.4	1"	0.46	5	30
1/2"	4FF4	1/2" - 14 NPTF	steel		3.06	77.8	1.24	31.4	1"	0.56	5	30
1/2"	4FF4-S	1/2" - 14 NPTF	303 stainless		3.06	77.8	1.24	31.4	1"	0.56	5	30
1/2"	4FBF4	1/2" - 14 BSPP	steel		3.09	78.4	1.24	31.4	1"	0.56	5	30
1/2"	4FF6	3/4" - 14 NPTF	steel		3.15	79.9	1.24	31.4	1-3/16"	0.63	5	30

DF-Series Pneumatic Couplings

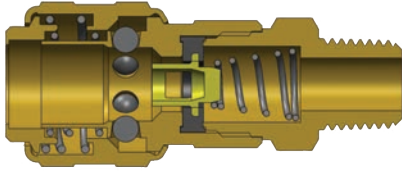


Body Size	DF-Series Industrial Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	D2F1	1/8" - 27 NPTF	steel		1.44	36.6	0.65	16.5	9/16"	0.03	10	100
1/4"	D2F2	1/4" - 18 NPTF	steel		1.66	42.2	0.79	20.1	11/16"	0.03	10	100
1/4"	D2F2-B	1/4" - 18 NPTF	brass		1.66	42.2	0.79	20.1	11/16"	0.05	10	100
1/4"	D2F2-S	1/4" - 18 NPTF	303 stainless		1.66	42.2	0.79	20.1	11/16"	0.05	10	100
1/4"	D2BF2	1/4" - 19 BSPP	steel		1.66	42.2	0.79	20.1	11/16"	0.03	10	100
1/4"	D2F3	3/8" - 18 NPTF	steel		1.66	42.2	1.01	25.7	7/8"	0.08	10	100
1/4"	D2F3-B	3/8" - 18 NPTF	brass		1.66	42.2	1.01	25.7	7/8"	0.08	10	100
1/4"	D2F3-S	3/8" - 18 NPTF	303 stainless		1.66	42.2	1.01	25.7	7/8"	0.08	10	100
1/4"	D2BF3	3/8" - 19 BSPP	steel		1.66	42.2	1.01	25.7	7/8"	0.08	10	100
3/8"	D3F2	1/4" - 18 NPTF	steel		1.78	45.2	0.79	20.1	11/16"	0.06	10	50
3/8"	D3F3	3/8" - 18 NPTF	steel		1.78	45.2	1.01	25.7	7/8"	0.09	10	50
3/8"	D3F3-B	3/8" - 18 NPTF	brass		1.78	45.2	1.01	25.7	7/8"	0.10	10	50
3/8"	D3F3-S	3/8" - 18 NPTF	303 stainless		1.78	45.2	1.01	25.7	7/8"	0.09	10	50
3/8"	D3BF3	3/8" - 19 BSPP	steel		1.78	45.2	1.01	25.7	7/8"	0.09	10	50
3/8"	D3F4	1/2" - 14 NPTF	steel		1.94	49.3	1.16	29.5	1"	0.13	10	50
1/2"	D4F3	3/8" - 18 NPTF	steel		2.10	53.3	1.01	25.7	7/8"	0.12	10	50
1/2"	D4F4	1/2" - 14 NPTF	steel		2.27	57.7	1.16	29.5	1"	0.17	10	50
1/2"	D4F4-B	1/2" - 14 NPTF	brass		2.27	57.7	1.16	29.5	1"	0.19	10	50
1/2"	D4F4-S	1/2" - 14 NPTF	303 stainless		2.27	57.7	1.16	29.5	1"	0.17	10	50
1/2"	D4BF4	1/2" - 14 BSPP	steel		2.27	57.7	1.16	29.5	1"	0.17	10	50
1/2"	D4F6	3/4" - 14 NPTF	steel		2.30	58.4	1.37	34.8	1-3/16"	0.26	10	50
1/2"	D4F6-B	3/4" - 14 NPTF	brass		2.30	58.4	1.37	34.8	1-3/16"	0.26	10	50
3/4"	D6F4	1/2" - 14 NPTF	steel		2.22	56.4	1.52	38.6	1-5/16"	0.23	5	20
3/4"	D6F6	3/4" - 14 NPTF	steel		2.22	56.4	1.52	38.6	1-5/16"	0.34	5	20
3/4"	D6F8	1" - 11 1/2 NPTF	steel		2.41	61.2	1.80	45.7	1-9/16"	0.47	5	20

DF Series Pneumatic Profile



DF-Series Pneumatic Couplings

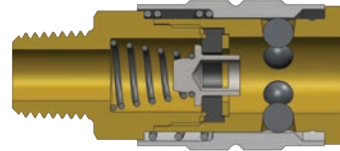
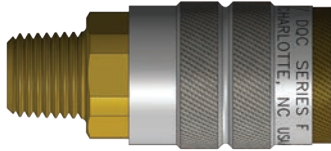


Body Size	D-Series Automatic Industrial Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2DM1-B	1/8" - 27 NPTF	brass		2.21	56.1	0.98	24.9	11/16"	0.27	10	100
1/4"	2DM2-B	1/4" - 18 NPTF	brass		2.34	59.4	0.98	24.9	11/16"	0.28	10	100
1/4"	2DM2-S	1/4" - 18 NPTF	303 stainless		2.34	59.4	0.98	24.9	11/16"	0.29	10	100
1/4"	2DBM2-B	1/4" - 19 BSPT	brass		2.34	59.4	0.98	24.9	11/16"	0.28	10	100
1/4"	2DM3-B	3/8" - 18 NPTF	brass		2.36	59.9	0.98	24.9	11/16"	0.28	10	100
1/4"	2DM3-S	3/8" - 18 NPTF	303 stainless		2.36	59.9	0.98	24.9	11/16"	0.28	10	100
1/4"	2DBM3-B	3/8" - 19 BSPT	brass		2.36	59.9	0.98	24.9	11/16"	0.28	10	100
3/8"	3DM2-B	1/4" - 18 NPTF	brass		2.59	65.8	1.18	30.0	7/8"	0.36	10	50
3/8"	3DM3-B	3/8" - 18 NPTF	brass		2.73	69.3	1.18	30.0	7/8"	0.39	10	50
3/8"	3DM3-S	3/8" - 18 NPTF	303 stainless		2.73	69.3	1.18	30.0	7/8"	0.39	10	50
3/8"	3DBM3-B	3/8" - 19 BSPT	brass		2.73	69.3	1.18	30.0	7/8"	0.39	10	50
3/8"	3DM4-B	1/2" - 14 NPTF	brass		2.94	74.7	1.18	30.0	7/8"	0.41	10	50
1/2"	4DM3-B	3/8" - 18 NPTF	brass		3.13	79.5	1.34	34.0	1-1/16"	0.58	5	30
1/2"	4DM4-B	1/2" - 14 NPTF	brass		3.17	80.5	1.34	34.0	1-1/16"	0.61	5	30
1/2"	4DM4-S	1/2" - 14 NPTF	303 stainless		3.17	80.5	1.34	34.0	1-1/16"	0.62	5	30
1/2"	4DBM4-B	1/2" - 14 BSPT	brass		3.17	80.5	1.34	34.0	1-1/16"	0.61	5	30
1/2"	4DM6-B	3/4" - 14 NPTF	brass		3.23	82.0	1.34	34.0	1-1/16"	0.67	5	30
3/4"	6DM4-B	1/2" - 14 NPTF	brass		2.95	74.9	1.90	48.3	1-3/16"	0.89	-	20
3/4"	6DM6-B	3/4" - 14 NPTF	brass		2.95	74.9	1.90	48.3	1-5/16"	0.91	-	20
3/4"	6DM8-B	1" - 11 1/2 NPTF	brass		3.12	79.2	1.90	48.3	1-9/16"	0.99	-	20

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.

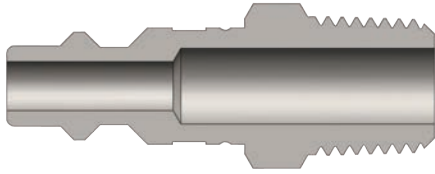


DF-Series Pneumatic Couplings



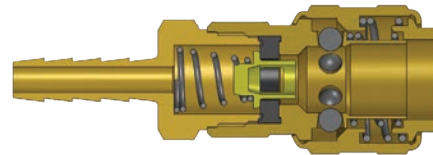
Body Size	F-Series Manual Industrial Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2FM1-B	1/8" - 27 NPTF	brass		1.97	50.0	0.88	22.4	3/4"	0.18	10	100
1/4"	2FM1-S	1/8" - 27 NPTF	303 stainless		1.97	50.0	0.88	22.4	3/4"	0.18	10	100
1/4"	2FBM1-B	1/8" - 28 BSPT	brass		1.97	50.0	0.88	22.4	3/4"	0.18	10	100
1/4"	2FM2	1/4" - 18 NPTF	steel		2.04	51.8	0.88	22.4	3/4"	0.18	10	100
1/4"	2FM2-B	1/4" - 18 NPTF	brass		2.04	51.8	0.88	22.4	3/4"	0.19	10	100
1/4"	2FM2-S	1/4" - 18 NPTF	303 stainless		2.04	51.8	0.88	22.4	3/4"	0.18	10	100
1/4"	2FBM2-B	1/4" - 19 BSPT	brass		2.04	51.8	0.88	22.4	3/4"	0.19	10	100
1/4"	2FM3-B	3/8" - 18 NPTF	brass		2.08	52.8	0.88	22.4	3/4"	0.19	10	100
1/4"	2FM3-S	3/8" - 18 NPTF	303 stainless		2.08	52.8	0.88	22.4	3/4"	0.19	10	100
1/4"	2FBM3-B	3/8" - 19 BSPT	brass		2.08	52.8	0.88	22.4	3/4"	0.19	10	100
3/8"	3FM2	1/4" - 18 NPTF	steel		2.45	62.2	1.06	26.9	7/8"	0.26	10	50
3/8"	3FM3	3/8" - 18 NPTF	steel		2.46	62.5	1.06	26.9	7/8"	0.27	10	50
3/8"	3FM3-S	3/8" - 18 NPTF	303 stainless		2.46	62.5	1.06	26.9	7/8"	0.28	10	50
3/8"	3FBM3	3/8" - 19 BSPT	steel		2.46	62.5	1.06	26.9	7/8"	0.27	10	50
3/8"	3FM4	1/2" - 14 NPTF	steel		2.55	64.8	1.06	26.9	7/8"	0.29	10	50
1/2"	4FM3	3/8" - 18 NPTF	steel		2.97	75.4	1.19	30.2	1"	0.42	5	30
1/2"	4FM4	1/2" - 14 NPTF	steel		3.07	78.0	1.19	30.2	1"	0.45	5	30
1/2"	4FM4-S	1/2" - 14 NPTF	303 stainless		3.07	78.0	1.19	30.2	1"	0.47	5	30
1/2"	4FBM4	1/2" - 14 BSPT	steel		3.07	78.0	1.19	30.2	1"	0.45	5	30
1/2"	4FM6	3/4" - 14 NPTF	steel		3.12	79.2	1.19	30.2	1-1/16"	0.50	5	30

DF-Series Pneumatic Couplings

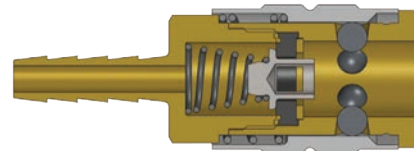
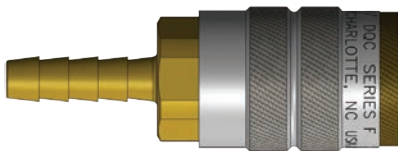


Body Size	DF-Series Industrial Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	D2M1	1/8" - 27 NPTF	steel		1.57	39.9	0.58	14.7	1/2"	0.05	10	100
1/4"	D2M1-B	1/8" - 27 NPTF	brass		1.57	39.9	0.58	14.7	1/2"	0.05	10	100
1/4"	D2M1-S	1/8" - 27 NPTF	303 stainless		1.57	39.9	0.58	14.7	1/2"	0.05	10	100
1/4"	D2M2	1/4" - 18 NPTF	steel		1.69	42.9	0.65	16.5	9/16"	0.05	10	100
1/4"	D2M2-B	1/4" - 18 NPTF	brass		1.69	42.9	0.65	16.5	9/16"	0.05	10	100
1/4"	D2M2-S	1/4" - 18 NPTF	303 stainless		1.69	42.9	0.65	16.5	9/16"	0.06	10	100
1/4"	D2BM2	1/4" - 19 BSPT	steel		1.69	42.9	0.65	16.5	9/16"	0.05	10	100
1/4"	D2M3	3/8" - 18 NPTF	steel		1.75	44.5	0.79	20.1	11/16"	0.05	10	100
1/4"	D2M3-B	3/8" - 18 NPTF	brass		1.75	44.5	0.79	20.1	11/16"	0.07	10	100
1/4"	D2M3-S	3/8" - 18 NPTF	303 stainless		1.75	44.5	0.79	20.1	11/16"	0.08	10	100
1/4"	D2BM3	3/8" - 19 BSPT	steel		1.75	44.5	0.79	20.1	11/16"	0.07	10	100
3/8"	D3M2	1/4" - 18 NPTF	steel		1.81	46.0	0.79	20.1	11/16"	0.08	10	50
3/8"	D3M3	3/8" - 18 NPTF	steel		1.87	47.5	0.79	20.1	11/16"	0.09	10	50
3/8"	D3M3-B	3/8" - 18 NPTF	brass		1.87	47.5	0.79	20.1	11/16"	0.09	10	50
3/8"	D3M3-S	3/8" - 18 NPTF	303 stainless		1.87	47.5	0.79	20.1	11/16"	0.09	10	50
3/8"	D3BM3	3/8" - 19 BSPT	steel		1.87	47.5	0.79	20.1	11/16"	0.09	10	50
3/8"	D3M4	1/2" - 14 NPTF	steel		2.03	51.6	1.01	25.7	7/8"	0.15	10	50
1/2"	D4M2	1/4" - 18 NPTF	steel		2.13	54.1	0.79	20.1	11/16"	0.14	10	50
1/2"	D4M3	3/8" - 18 NPTF	steel		2.19	55.6	0.79	20.1	11/16"	0.16	10	50
1/2"	D4M4	1/2" - 14 NPTF	steel		2.34	59.4	1.01	25.7	7/8"	0.16	10	50
1/2"	D4M4-B	1/2" - 14 NPTF	brass		2.34	59.4	1.01	25.7	7/8"	0.18	10	50
1/2"	D4M4-S	1/2" - 14 NPTF	303 stainless		2.34	59.4	1.01	25.7	7/8"	0.16	10	50
1/2"	D4BM4	1/2" - 14 BSPT	steel		2.34	59.4	1.01	25.7	7/8"	0.16	10	50
1/2"	D4M6	3/4" - 14 NPTF	steel		2.50	63.5	1.23	31.2	1-1/16"	0.24	10	50
1/2"	D4M6-B	3/4" - 14 NPTF	brass		2.50	63.5	1.23	31.2	1-1/16"	0.24	10	50
3/4"	D6M4	1/2" - 14 NPTF	steel		2.38	60.5	1.52	38.6	1-5/16"	0.22	5	20
3/4"	D6M6	3/4" - 14 NPTF	steel		2.38	60.5	1.52	38.6	1-5/16"	0.25	5	20
3/4"	D6M8	1" - 11 1/2 NPTF	steel		2.56	65.0	1.80	45.7	1-9/16"	0.26	5	20

DF-Series Pneumatic Couplings

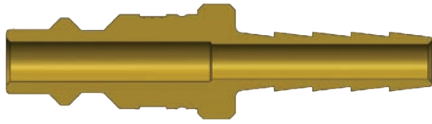


Body Size	D-Series Automatic Industrial Interchange Coupler (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2DS2-B	1/4"	brass		2.90	73.7	0.98	24.9	11/16"	0.27	10	100
1/4"	2DS2-S	1/4"	303 stainless		2.90	73.7	0.98	24.9	11/16"	0.27	10	100
1/4"	2DS3-B	3/8"	brass		2.90	73.7	0.98	24.9	11/16"	0.27	10	100
1/4"	2DS3-S	3/8"	303 stainless		2.90	73.7	0.98	24.9	11/16"	0.28	10	100
3/8"	3DS2-B	1/4"	brass		3.00	76.2	1.18	30.0	7/8"	0.37	10	50
3/8"	3DS3-B	3/8"	brass		3.00	76.2	1.18	30.0	7/8"	0.39	10	50
3/8"	3DS3-S	3/8"	303 stainless		3.00	76.2	1.18	30.0	7/8"	0.39	10	50
3/8"	3DS4-B	1/2"	brass		3.00	76.2	1.18	30.0	7/8"	0.41	10	50
1/2"	4DS3-B	3/8"	brass		3.51	89.2	1.34	34.0	1-1/16"	0.56	5	30
1/2"	4DS4-B	1/2"	brass		3.51	89.2	1.34	34.0	1-1/16"	0.59	5	30
1/2"	4DS4-S	1/2"	303 stainless		3.51	89.2	1.34	34.0	1-1/16"	0.59	5	30
1/2"	4DS6-B	3/4"	brass		3.51	89.2	1.34	34.0	1-1/16"	0.65	5	30
3/4"	6DS4-B	1/2"	brass		3.00	76.2	1.73	43.9	1-5/16"	0.90	-	20
3/4"	6DS6-B	3/4"	brass		3.00	76.2	1.73	43.9	1-5/16"	0.93	-	20
3/4"	6DS8-B	1"	brass		3.24	82.3	1.73	43.9	1-5/16"	1.03	-	20

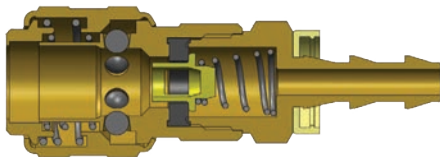


Body Size	F-Series Manual Industrial Interchange Coupler (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2FS2	1/4"	steel		2.53	64.3	0.88	22.4	3/4"	0.18	10	100
1/4"	2FS2-B	1/4"	brass		2.53	64.3	0.88	22.4	3/4"	0.18	10	100
1/4"	2FS2-S	1/4"	303 stainless		2.53	64.3	0.88	22.4	3/4"	0.18	10	100
1/4"	2FS2.5-B	5/16"	brass		2.53	64.3	0.88	22.4	3/4"	0.18	10	100
1/4"	2FS3-B	3/8"	brass		2.53	64.3	0.88	22.4	3/4"	0.18	10	100
1/4"	2FS3-S	3/8"	303 stainless		2.53	64.3	0.88	22.4	3/4"	0.19	10	100
3/8"	3FS2	1/4"	steel		2.86	72.6	1.06	26.9	7/8"	0.27	10	50
3/8"	3FS3	3/8"	steel		2.86	72.6	1.06	26.9	7/8"	0.27	10	50
3/8"	3FS3-S	3/8"	303 stainless		2.86	72.6	1.06	26.9	7/8"	0.28	10	50
3/8"	3FS4	1/2"	steel		2.86	72.6	1.06	26.9	7/8"	0.28	10	50
1/2"	4FS3	3/8"	steel		3.49	88.6	1.19	30.2	1"	0.41	5	30
1/2"	4FS4	1/2"	steel		3.49	88.6	1.19	30.2	1"	0.43	5	30
1/2"	4FS4-S	1/2"	303 stainless		3.49	88.6	1.19	30.2	1"	0.43	5	30
1/2"	4FS6	3/4"	steel		3.49	88.6	1.19	30.2	1"	0.48	5	30

DF-Series Pneumatic Couplings

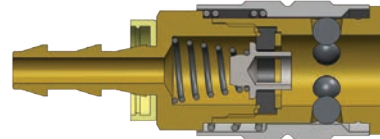
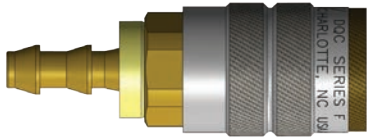


Body Size	DF-Series Industrial Interchange Nipple (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	D2S2	1/4"	steel		2.09	53.1	0.56	14.2	-	0.04	10	100
1/4"	D2S2-B	1/4"	brass		2.09	53.1	0.56	14.2	-	0.05	10	100
1/4"	D2S2-S	1/4"	303 stainless		2.09	53.1	0.56	14.2	-	0.05	10	100
1/4"	D2S2.5	5/16"	steel		2.09	53.1	0.56	14.2	-	0.04	10	100
1/4"	D2S3	3/8"	steel		2.09	53.1	0.56	14.2	-	0.05	10	100
1/4"	D2S3-B	3/8"	brass		2.09	53.1	0.56	14.2	-	0.05	10	100
1/4"	D2S3-S	3/8"	303 stainless		2.09	53.1	0.56	14.2	-	0.05	10	100
3/8"	D3S2	1/4"	steel		2.21	56.1	0.75	19.1	-	0.06	10	50
3/8"	D3S3	3/8"	steel		2.21	56.1	0.75	19.1	-	0.07	10	50
3/8"	D3S3-B	3/8"	brass		2.21	56.1	0.75	19.1	-	0.08	10	50
3/8"	D3S3-S	3/8"	303 stainless		2.21	56.1	0.75	19.1	-	0.08	10	50
3/8"	D3S4	1/2"	steel		2.21	56.1	0.75	19.1	-	0.08	10	50
1/2"	D4S3	3/8"	steel		2.53	64.3	0.75	19.1	-	0.10	10	50
1/2"	D4S3-B	3/8"	brass		2.53	64.3	0.75	19.1	-	0.11	10	50
1/2"	D4S4	1/2"	steel		2.53	64.3	0.75	19.1	-	0.12	10	50
1/2"	D4S4-B	1/2"	brass		2.53	64.3	0.75	19.1	-	0.12	10	50
1/2"	D4S4-S	1/2"	303 stainless		2.53	64.3	0.75	19.1	-	0.12	10	50
1/2"	D4S6	3/4"	steel		2.53	64.3	0.94	23.9	-	0.18	10	50
1/2"	D4S6-B	3/4"	brass		2.53	64.3	0.94	23.9	-	0.18	10	50
3/4"	D6S4	1/2"	steel		3.49	88.7	1.52	38.6	-	0.19	5	20
3/4"	D6S6	3/4"	steel		3.49	88.7	1.52	38.6	-	0.23	5	20
3/4"	D6S8	1"	steel		3.49	88.7	1.52	38.6	-	0.36	5	20

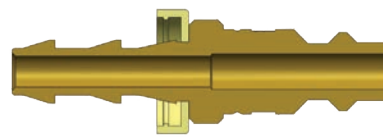


Body Size	D-Series Automatic Industrial Interchange Coupler (Push-Loc Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2DB2-B	1/4"	brass		2.76	70.1	0.98	24.9	11/16"	0.27	10	100
1/4"	2DB3-B	3/8"	brass		2.77	70.4	0.98	24.9	11/16"	0.29	10	100
3/8"	3DB3-B	3/8"	brass		2.82	71.7	1.18	30.0	7/8"	0.40	10	50
1/2"	4DB4-B	1/2"	brass		3.31	84.1	1.34	34.0	1-1/16"	0.56	5	30

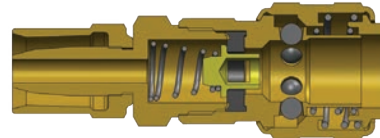
DF-Series Pneumatic Couplings



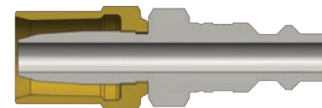
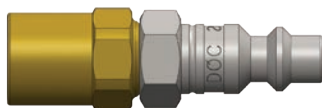
Body Size	F-Series Manual Industrial Interchange Coupler (Push-Loc Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2FB2-B	1/4"	brass	2.49	63.2	0.88	22.4	3/4"	0.18	10	100	
1/4"	2FB3-B	3/8"	brass	2.49	63.2	0.88	22.4	3/4"	0.19	10	100	
3/8"	3FB2	1/4"	steel	2.80	71.1	1.06	26.9	7/8"	0.25	10	50	
3/8"	3FB3	3/8"	steel	2.80	71.1	1.06	26.9	7/8"	0.27	10	50	
3/8"	3FB4	1/2"	steel	2.80	71.1	1.06	26.9	7/8"	0.28	10	50	
1/2"	4FB3	3/8"	steel	3.40	86.4	1.19	30.2	1"	0.40	5	30	
1/2"	4FB4	1/2"	steel	3.40	86.4	1.19	30.2	1"	0.43	5	30	



Body Size	DF-Series Industrial Interchange Nipple (Push-Loc Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	D2B2	1/4"	steel	2.09	53.1	0.69	17.5	-	0.04	10	100	
1/4"	D2B2-B	1/4"	brass	2.09	53.1	0.69	17.5	-	0.04	10	100	
1/4"	D2B3	3/8"	steel	2.09	53.1	0.86	21.8	-	0.05	10	100	
3/8"	D3B2	1/4"	steel	2.21	56.1	0.75	19.1	-	0.06	10	50	
3/8"	D3B3	3/8"	steel	2.21	56.1	0.75	19.1	-	0.07	10	50	
3/8"	D3B4	1/2"	steel	2.35	59.7	0.75	19.1	-	0.09	10	50	
1/2"	D4B4	1/2"	steel	2.67	67.8	0.75	19.1	-	0.11	10	50	
3/4"	D6B6	3/4"	steel	2.99	75.9	1.00	25.4	-	0.23	5	20	



Body Size	DF-Series Industrial Interchange Coupler (Reusable Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID x OD	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2DE2-B	1/4" x 1/2"	brass	2.69	68.3	0.98	24.9	11/16"	0.38	10	100	
1/4"	2DH2-B	1/4" x 5/8"	brass	2.79	70.9	0.98	24.9	11/16"	0.38	10	100	
1/4"	2DK3-B	3/8" x 11/16"	brass	2.79	70.9	0.98	24.9	11/16"	0.39	10	100	
1/4"	2DL3-B	3/8" x 3/4"	brass	2.85	72.4	0.98	24.9	11/16"	0.39	10	100	



Body Size	DF-Series Industrial Interchange Nipple (Reusable Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID x OD	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	D2E2	1/4" x 1/2"	steel	2.07	52.6	0.69	17.5	9/16"	0.10	10	100	
1/4"	D2H2	1/4" x 5/8"	steel	2.16	54.9	0.81	20.6	9/16"	0.10	10	100	
1/4"	D2K3	3/8" x 11/16"	steel	2.16	54.9	0.81	20.6	9/16"	0.12	10	100	
1/4"	D2L3	3/8" x 3/4"	steel	2.18	55.4	0.95	24.1	9/16"	0.12	10	100	

DF-Series Pneumatic Couplings

Automatic Safety Exhausting Coupler Operation

The D-Series Automatic coupling has been performing reliably and safely for over 50-years. This amazing coupler is an inexpensive solution for automatically connecting pressurized air lines and is the only one-handed single-stage exhausting safety coupler available in the market today!

Most exhausting safety couplers are a two stage system that are expensive and difficult to operate. Why pay extra for safety? Use the D-Series Automatic Safety Exhausting Couplers, available in sizes ¼" to ¾".

1



To disconnect, begin by holding the hose on the nipple side with three of your fingers, leaving your thumb and index finger free.

2



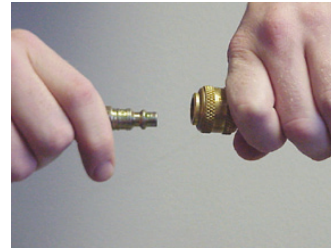
Grab the sleeve with your thumb and index finger and begin to pull the sleeve towards the palm of your hand.

3



After pulling the sleeve, the nipple will move out of the coupler slightly. Continue to hold the hose and coupler sleeve until all air is fully exhausted.

4

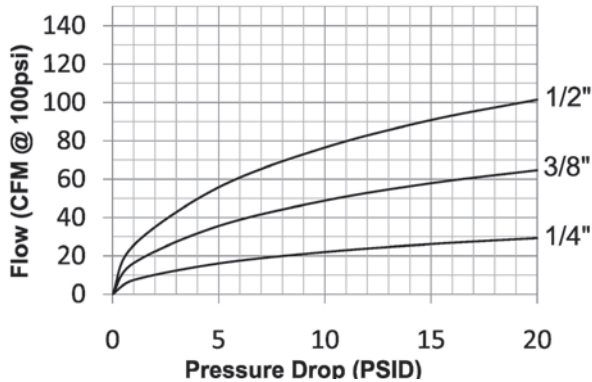


After the line is fully exhausted, you are able to safely separate the nipple from the coupler.

J-Series Pneumatic Couplings

Interchange Data:

- Truflate Automotive interchange style
- Parker 10-Series
- Rectus 55KM
- Tomco A2100/PT400



Materials:

- Machined components are manufactured using solid steel or brass bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- 1/4" couplers constructed of brass with steel sleeve and steel tubular valve as standard
- 3/8" and 1/2" couplers constructed of steel as standard with steel tubular valves.

Seal Components:

- Nitrile (Buna-N) seals are standard providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

Body Size	J-Series Truflate Interchange (Connected)															
	Brass Coupler/Steel Plug				Brass Coupler/Plug				Steel Coupler/Plug				303 Stainless Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	500	35	11,500	793	300	20	10,500	724	-	-	-	-	-	-	-	-
3/8"	-	-	-	-	-	-	-	-	500	35	18,000	1,241	-	-	-	-
1/2"	-	-	-	-	-	-	-	-	500	35	10,000	690	-	-	-	-

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters					
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow ΔP = 15 PSI	
1/4"	-	-	-	-	6	N/A	N/A	N/R	26 CFM	
3/8"	-	-	-	-	6	N/A	N/A	N/R	58 CFM	
1/2"	-	-	-	-	6	N/A	N/A	N/A	91 CFM	

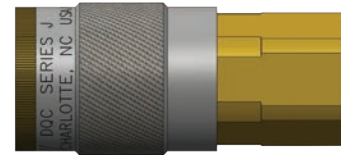
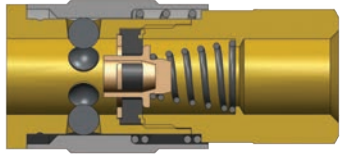
List Price Seal Option Adders:

Body Size	Seal Options				Valve Options					Sleeve Options						Treatments				
	Viton®		EPDM		Unvalved		Brass		303 SS	Flanged		Sleeve-Lock		Brass		303 SS		Oxy-Clean		
	Pre	Add \$	Pre	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$
1/4"	F-		P-		-E		-BV		-SV		-FS	N/A	-LS		-BS		-XS		-C1	
3/8"	F-		P-	N/A	-E		-BV		-SV		-FS	N/A	-LS		-BS	N/A	-XS		-C1	
1/2"	F-		P-	N/A	-E		-BV		-SV		-FS	N/A	-LS		-BS	N/A	-XS		-C1	
3/4"	F-		P-	N/A	-E		-BV	N/A	-SV	N/A	-FS	N/A	-LS		-BS	std.	-XS	N/A	-C1	

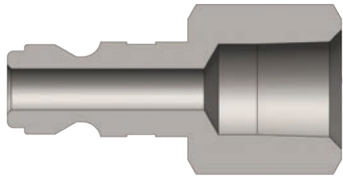


Operating pressure for couplings utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon Quick Coupling cannot assume liability for misapplication of production resulting in equipment down-time, lost production, and/or personal injury including death.

J-Series Pneumatic Couplings

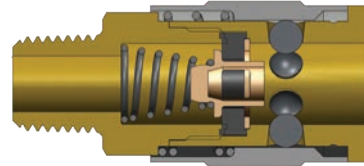
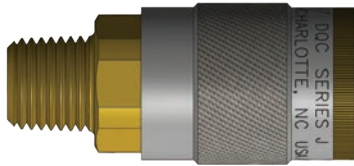


Body Size	J-Series Truflate Interchange Coupler (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2JF1-B	1/8" - 27 NPTF	brass	1.83	46.5	0.88	22.4	3/4"	0.19	10	100	
1/4"	2JF2-B	1/4" - 18 NPTF	brass	2.04	51.8	0.88	22.4	3/4"	0.19	10	100	
1/4"	2JF3-B	3/8" - 18 NPTF	brass	2.14	54.4	0.88	22.4	13/16"	0.20	10	100	
3/8"	3JF2	1/4" - 18 NPTF	steel	2.25	57.2	1.06	26.9	7/8"	0.30	10	50	
3/8"	3JF3	3/8" - 18 NPTF	steel	2.48	63.0	1.06	26.9	7/8"	0.29	10	50	
3/8"	3JF4	1/2" - 14 NPTF	steel	2.61	66.3	1.06	26.9	1"	0.46	10	50	
1/2"	4FF3	3/8" - 18 NPTF	steel	2.85	72.5	1.24	31.4	1"	0.46	5	30	
1/2"	4FF4	1/2" - 14 NPTF	steel	3.06	77.8	1.24	31.4	1"	0.56	5	30	
1/2"	4FF6	3/4" - 14 NPTF	steel	3.15	79.9	1.24	31.4	1-3/16"	0.63	5	30	

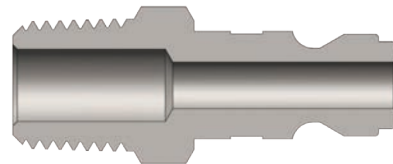


Body Size	J-Series Truflate Interchange Nipple (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	J2F1	1/8" - 27 NPTF	steel	1.34	34.0	0.65	16.5	9/16"	0.05	10	100	
1/4"	J2F2	1/4" - 18 NPTF	steel	1.56	39.6	0.79	20.1	11/16"	0.05	10	100	
1/4"	J2F2-B	1/4" - 18 NPTF	brass	1.56	39.6	0.79	20.1	11/16"	0.05	10	100	
1/4"	J2F3	3/8" - 18 NPTF	steel	1.56	39.6	1.01	25.7	7/8"	0.07	10	100	
3/8"	J3F2	1/4" - 18 NPTF	steel	1.75	44.5	0.79	20.1	11/16"	0.07	10	50	
3/8"	J3F3	3/8" - 18 NPTF	steel	1.75	44.5	1.01	25.7	7/8"	0.10	10	50	
3/8"	J3F4	1/2" - 14 NPTF	steel	1.91	48.5	1.16	29.5	1"	0.12	10	50	
1/2"	J4F3	3/8" - 18 NPTF	steel	2.11	53.6	1.01	25.7	7/8"	0.13	10	50	
1/2"	J4F4	1/2" - 14 NPTF	steel	2.26	57.4	1.16	29.5	1"	0.18	10	50	
1/2"	J4F6	3/4" - 14 NPTF	steel	2.31	58.7	1.37	34.8	1-3/16"	0.26	10	50	

J-Series Pneumatic Couplings

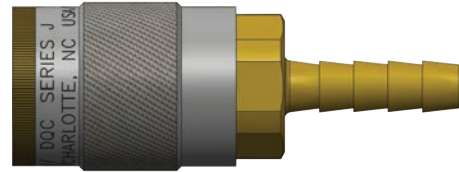
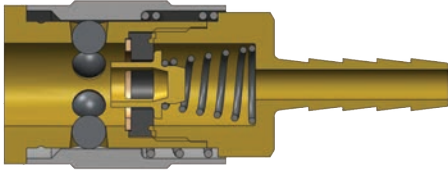


Body Size	J-Series Truflate Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2JM1-B	1/8" - 27 NPTF	brass		1.88	47.8	0.88	22.4	3/4"	0.17	10	100
1/4"	2JM2-B	1/4" - 18 NPTF	brass		2.047	52.0	0.88	22.4	3/4"	0.18	10	100
1/4"	2JM3-B	3/8" - 18 NPTF	brass		2.08	52.8	0.88	22.4	3/4"	0.19	10	100
3/8"	3JM2	1/4" - 18 NPTF	steel		2.45	62.2	1.06	26.9	7/8"	0.26	10	50
3/8"	3JM3	3/8" - 18 NPTF	steel		2.46	62.5	1.06	26.9	7/8"	0.27	10	50
3/8"	3JM4	1/2" - 14 NPTF	steel		2.55	64.8	1.06	26.9	7/8"	0.28	10	50
1/2"	4FM3	3/8" - 18 NPTF	steel		2.97	75.4	1.19	30.2	1"	0.42	5	30
1/2"	4FM4	1/2" - 14 NPTF	steel		3.07	78.0	1.19	30.2	1"	0.45	5	30
1/2"	4FM6	3/4" - 14 NPTF	steel		3.12	79.2	1.19	30.2	1-1/16"	0.50	5	30

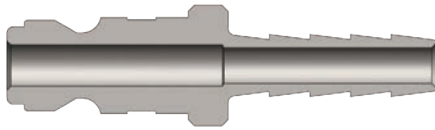


Body Size	J-Series Truflate Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	J2M1	1/8" - 27 NPTF	steel		1.47	37.3	0.58	14.7	1/2"	0.04	10	100
1/4"	J2M2	1/4" - 18 NPTF	steel		1.59	40.4	0.65	16.5	9/16"	0.05	10	100
1/4"	J2M2-B	1/4" - 18 NPTF	brass		1.59	40.4	0.65	16.5	9/16"	0.06	10	100
1/4"	J2M3	3/8" - 18 NPTF	steel		1.65	41.9	0.79	20.1	11/16"	0.05	10	100
3/8"	J3M2	1/4" - 18 NPTF	steel		1.78	45.2	0.79	20.1	11/16"	0.08	10	50
3/8"	J3M3	3/8" - 18 NPTF	steel		1.84	46.7	0.79	20.1	11/16"	0.09	10	50
3/8"	J3M4	1/2" - 14 NPTF	steel		2	50.8	1.01	25.7	7/8"	0.12	10	50
1/2"	J4M3	3/8" - 18 NPTF	steel		2.2	55.9	0.79	20.1	11/16"	0.13	10	50
1/2"	J4M4	1/2" - 14 NPTF	steel		2.35	59.7	1.01	25.7	7/8"	0.17	10	50
1/2"	J4M6	3/4" - 14 NPTF	steel		2.51	63.8	1.23	31.2	1-1/16"	0.24	10	50

J-Series Pneumatic Couplings

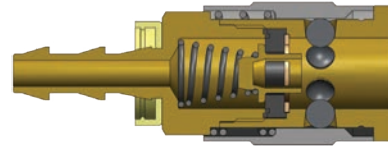
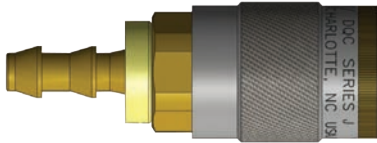


Body Size	J-Series Truflate Interchange Coupler (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2JS2-B	1/4"	brass		2.53	64.3	0.88	22.4	3/4"	0.18	10	100
1/4"	2JS3-B	3/8"	brass		2.53	64.3	0.88	22.4	3/4"	0.18	10	100
3/8"	3JS2	1/4"	steel		2.86	72.6	1.06	26.9	7/8"	0.27	10	50
3/8"	3JS3	3/8"	steel		2.86	72.6	1.06	26.9	7/8"	0.26	10	50
3/8"	3JS4	1/2"	steel		2.86	72.6	1.06	26.9	7/8"	0.27	10	50
1/2"	4FS3	3/8"	steel		3.49	88.6	1.19	30.2	1"	0.41	5	30
1/2"	4FS4	1/2"	steel		3.49	88.6	1.19	30.2	1"	0.43	5	30
1/2"	4FS6	3/4"	steel		3.49	88.6	1.19	30.2	1"	0.48	5	30

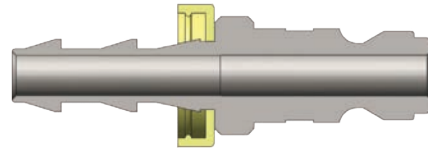
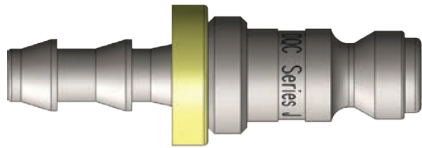


Body Size	J-Series Truflate Interchange Nipple (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	J2S2	1/4"	steel		1.99	50.5	0.56	14.2	-	0.04	10	100
1/4"	J2S3	3/8"	steel		1.99	50.5	0.56	14.2	-	0.05	10	100
3/8"	J3S2	1/4"	steel		2.18	55.4	0.75	19.1	-	0.08	10	50
3/8"	J3S3	3/8"	steel		2.18	55.4	0.75	19.1	-	0.07	10	50
3/8"	J3S4	1/2"	steel		2.18	55.4	0.75	19.1	-	0.10	10	50
1/2"	J4S3	3/8"	steel		2.54	64.5	0.75	19.1	-	0.08	10	50
1/2"	J4S4	1/2"	steel		2.54	64.5	0.75	19.1	-	0.11	10	50
1/2"	J4S6	3/4"	steel		2.54	64.5	0.94	23.9	-	0.18	10	50

J-Series Pneumatic Couplings

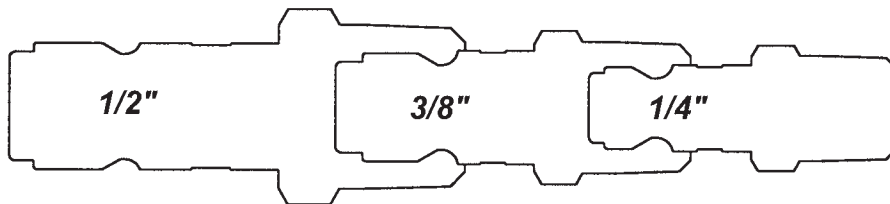


Body Size	J-Series Truflate Interchange Coupler (Push-Loc Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2JB2-B	1/4"	brass		2.37	60.2	0.88	22.4	3/4"	0.19	10	100
1/4"	2JB3-B	3/8"	brass		2.49	63.2	0.88	22.4	3/4"	0.18	10	100
3/8"	3JB2	1/4"	steel		2.8	71.1	1.06	26.9	7/8"	0.25	10	50
3/8"	3JB3	3/8"	steel		2.8	71.1	1.06	26.9	7/8"	0.27	10	50
3/8"	3JB4	1/2"	steel		2.8	71.1	1.06	26.9	7/8"	0.28	10	50
1/2"	4FB3	3/8"	steel		3.4	86.4	1.19	30.2	1"	0.40	5	30
1/2"	4FB4	1/2"	steel		3.4	86.4	1.19	30.2	1"	0.43	5	30



Body Size	J-Series Truflate Interchange Nipple (Push-Loc Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	J2B2	1/4"	steel		2.09	53.1	0.69	17.5	-	0.04	10	100
1/4"	J2B3	3/8"	steel		2.09	53.1	0.86	21.8	-	0.05	10	100
3/8"	J3B3	3/8"	steel		2.21	56.1	0.75	19.1	-	0.08	10	50
1/2"	J4B4	1/2"	steel		2.67	67.8	0.75	19.1	-	0.11	10	50

J Series Profile



M-Series Pneumatic Couplings

Interchange Data:

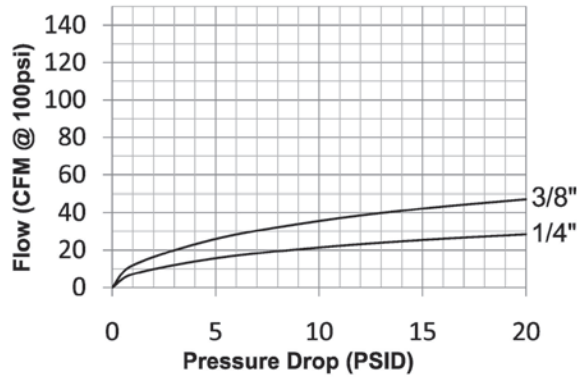
- ARO 210 (1/4") and ARO 310 (3/8") Interchange
- Automatic Couplings Interchange with ARO 210/310 and Hansen Series 210/310
- Manual Couplings Interchange with Parker 50-Series and Amflow Type 'B'

Materials:

- Machined components are manufactured using solid steel or brass bar stock.
- Stainless steel balls, retaining rings, pins and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Automatic couplers constructed of steel.
- Manual couplers constructed of brass.

Seal Components:

- Nitrile (Buna-N) seals are standard providing a temperature range of -40°F to +250°F (-40°C to +121°C).

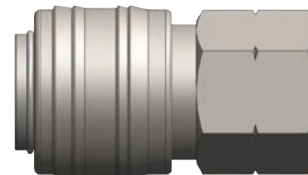
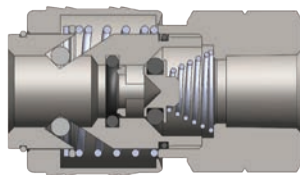


Rated Pressure Chart:

Body Size	M-Series ARO Interchange (Connected)															
	Auto Coupler/Steel Plug				Auto Coupler/Brass Plug				Manual Coupler/Steel Plug				Manual Coupler/Brass Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	300	20	2,600	179	300	20	5,000	345	300	20	12,400	855	300	20	12,700	876
3/8"	300	20	3,300	228	-	-	-	-	-	-	-	-	-	-	-	-

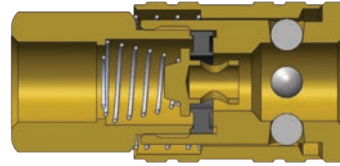
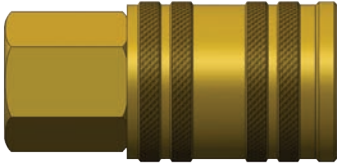
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 15$ PSI
1/4"	-	-	-	-	Manual - 4 Ball	N/A	N/A	N/R	25 CFM
1/4"	-	-	-	-	Auto - Pins	N/A	N/A	N/R	22 CFM
3/8"	-	-	-	-	Auto - Pins	N/A	N/A	N/R	42 CFM

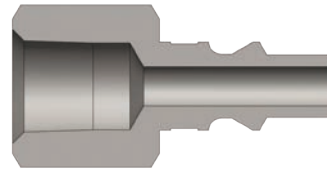


Body Size	M-Series Automatic ARO Interchange Coupler (Female Threads)											
	Part Detail			Length	Maximum OD		Hex Inch	Weight Lb	Package Qty			
	Part Number	Threads	Material		Inch	mm			Bag	Box		
1/4"	2MF2-PL	1/4" - 18 NPT	steel	1.72	43.6	1.06	27.0	13/16"	0.28	10	100	
1/4"	2MF3-PL	3/8" - 18 NPT	steel	1.72	43.6	1.06	27.0	13/16"	0.28	10	100	
3/8"	3MF3-PL	3/8" - 18 NPT	steel	1.93	49.0	1.26	32.0	1-1/16"	0.43	10	50	

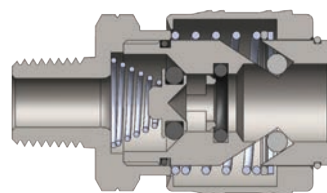
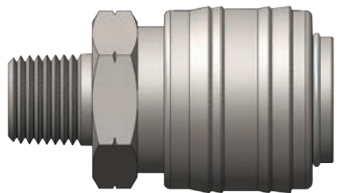
M-Series Pneumatic Couplings



Body Size	M-Series Manual ARO Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2MF2-B	1/4" - 18 NPT	brass		1.97	50.0	0.87	22.0	3/4"	0.20	10	100
1/4"	2MF3-B	3/8" - 18 NPT	brass		2.05	52.0	0.87	22.0	13/16"	0.20	10	100



Body Size	M-Series ARO Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	M2F2	1/4" - 18 NPTF	steel		1.57	39.9	0.79	20.1	11/16"	0.04	10	100
1/4"	M2F2-B	1/4" - 18 NPTF	brass		1.57	39.9	0.79	20.1	11/16"	0.04	10	100
1/4"	M2F3	3/8" - 18 NPTF	steel		1.57	39.9	1.01	25.7	7/8"	0.06	10	100
3/8"	M3F3	3/8" - 18 NPTF	steel		1.82	46.2	1.01	25.7	7/8"	0.10	10	50

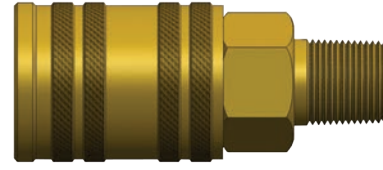
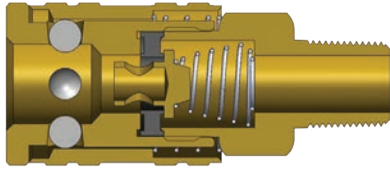


Body Size	M-Series Automatic ARO Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2MM2-PL	1/4" - 18 NPT	steel		1.70	43.2	1.06	27.0	13/16"	0.28	10	100
1/4"	2MM3-PL	3/8" - 18 NPT	steel		1.80	45.6	1.06	27.0	13/16"	0.28	10	100
3/8"	3MM3-PL	3/8" - 18 NPT	steel		1.89	48.0	1.26	32.0	1-1/16"	0.43	10	50

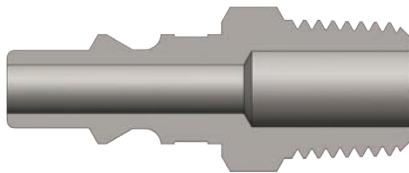
M Series Profile



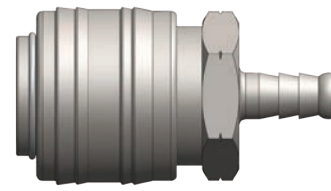
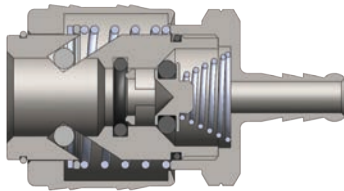
M-Series Pneumatic Couplings



Body Size	M-Series Manual ARO Interchange Coupler (Male Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2MM2-B	1/4" - 18 NPT	brass	2.13	54.0	0.87	22.0	3/4"	0.19	10	100	
1/4"	2MM3-B	3/8" - 18 NPT	brass	2.13	54.0	0.87	22.0	13/16"	0.20	10	100	

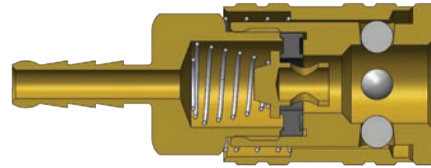
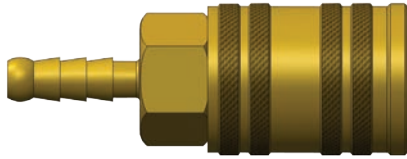


Body Size	M-Series ARO Interchange Nipple (Male Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	M2M1	1/8" - 27 NPTF	steel	1.48	37.6	0.58	14.7	1/2"	0.04	10	100	
1/4"	M2M2	1/4" - 18 NPTF	steel	1.60	40.6	0.65	16.5	9/16"	0.05	10	100	
1/4"	M2M2-B	1/4" - 18 NPTF	brass	1.60	40.6	0.65	16.5	9/16"	0.05	10	100	
1/4"	M2M3	3/8" - 18 NPTF	steel	1.80	45.7	0.79	20.1	11/16"	0.06	10	100	
3/8"	M3M3	3/8" - 18 NPTF	steel	1.91	48.5	0.79	20.1	11/16"	0.10	10	50	

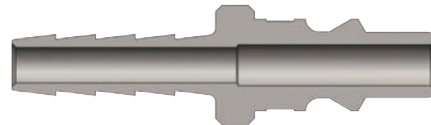
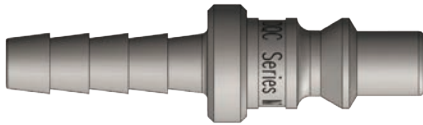


Body Size	M-Series Automatic ARO Interchange Coupler (Standard Hose Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2MS2-PL	1/4"	steel	1.91	48.6	1.06	27.0	13/16"	0.28	10	100	
1/4"	2MS2.5-PL	5/16"	steel	2.33	59.1	1.06	27.0	13/16"	0.28	10	100	
1/4"	2MS3-PL	3/8"	steel	2.50	63.6	1.06	27.0	13/16"	0.30	10	100	
3/8"	3MS3-PL	3/8"	steel	2.60	66.0	1.26	32.0	1-1/16"	0.43	10	50	

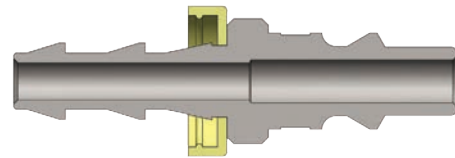
M-Series Pneumatic Couplings



Body Size	M-Series Manual ARO Interchange Coupler (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2MS2-B	1/4"	brass		2.36	60.0	0.87	22.0	3/4"	0.20	10	100
1/4"	2MS3-B	3/8"	brass		2.76	70.0	0.87	22.0	13/16"	0.20	10	100



Body Size	M-Series ARO Interchange Nipple (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	M2S2	1/4"	steel		2.00	50.8	0.56	14.2	-	0.03	10	100
1/4"	M2S3	3/8"	steel		2.00	50.8	0.56	14.2	-	0.05	10	100
3/8"	M3S3	3/8"	steel		2.25	57.2	0.88	22.4	-	0.09	10	50



Body Size	M-Series ARO Interchange Nipple (Push-Loc Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	M2B2	1/4"	steel		2.09	53.1	0.69	17.5	-	0.03	10	100



Warning!

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.

CJ-Series Pneumatic Couplings

Interchange Data:

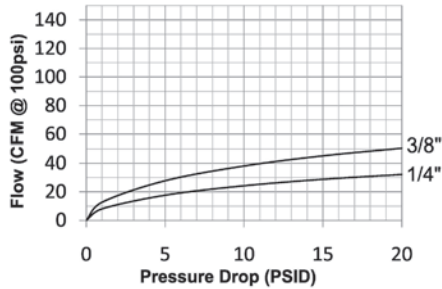
- European High-Flow Interchange
- 1/4" interchanges with Coilhose Megaflow, CEJN 320, and Rectus 25KA/26KA
- 3/8" interchanges with Rectus 27KA and Series 410

Materials:

- Machined components are manufactured using solid steel or brass bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

- Nitrile (Buna-N) pneumatically energized seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

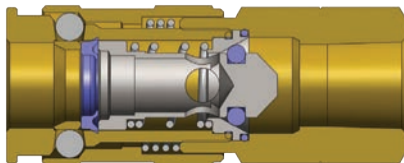


Rated Pressure Chart:

Body Size	CJ-Series European High-Flow Interchange (Connected)															
	Brass Coupler/Steel Plug				Brass Coupler/Plug				Steel Coupler/Plug				303 SS Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	300	20	9,500	655	300	20	7,200	500	-	-	-	-	300	20	14,500	1,000
3/8"	300	20	8,000	552	300	20	4,400	300	-	-	-	-	-	-	-	-

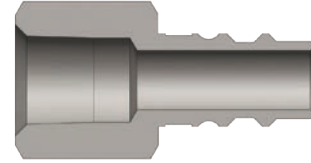
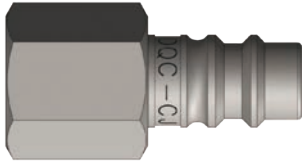
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 15 \text{ PSI}$
1/4"	-	-	-	-	6	N/A	N/A	N/R	37 CFM
3/8"	-	-	-	-	6	N/A	N/A	N/R	67 CFM

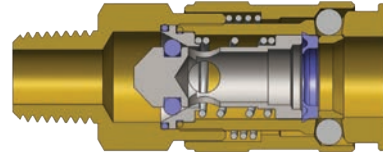


Body Size	CJ-Series European Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2CJF2-B	1/4" - 18 NPT	brass		2.32	59.0	0.92	23.4	3/4"	0.26	10	100
1/4"	2CJBF2-B	1/4" - 19 BSPP	brass		2.32	59.0	0.92	23.4	3/4"	0.26	10	100
1/4"	2CJF3-B	3/8" - 18 NPT	brass		2.32	59.0	0.92	23.4	3/4"	0.27	10	100
1/4"	2CJBF3-B	3/8" - 19 BSPP	brass		2.32	59.0	0.92	23.4	3/4"	0.27	10	100
3/8"	3CJF3-B	3/8" - 18 NPT	brass		2.54	64.5	1.091	27.7	15/16"	0.46	10	50
3/8"	3CJBF3-B	3/8" - 19 BSPP	brass		2.54	64.5	1.09	27.7	15/16"	0.46	10	50
3/8"	3CJF4-B	1/2" - 14 NPT	brass		2.68	68.0	1.09	27.7	15/16"	0.51	10	50
3/8"	3CJBF4-B	1/2" - 14 BSPP	brass		2.68	68.0	1.09	27.7	15/16"	0.51	10	50

CJ-Series Pneumatic Couplings

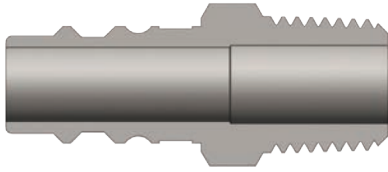


Body Size	CJ-Series European Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	CJ2F2-LG	1/4" - 18 NPT	steel		1.42	36.0	0.79	20.1	11/16"	0.07	10	100
1/4"	CJ2F2-B	1/4" - 18 NPT	brass		1.42	36.0	0.79	20.1	11/16"	0.06	10	100
1/4"	CJ2BF2-LG	1/4" - 19 BSPP	steel		1.42	36.0	0.79	20.1	11/16"	0.07	10	100
1/4"	CJ2BF2-B	1/4" - 19 BSPP	brass		1.42	36.0	0.79	20.1	11/16"	0.06	10	100
1/4"	CJ2F3-LG	3/8" - 18 NPT	steel		1.48	37.5	1.01	25.7	7/8"	0.10	10	100
1/4"	CJ2F3-B	3/8" - 18 NPT	brass		1.48	37.5	1.01	25.7	7/8"	0.09	10	100
1/4"	CJ2BF3-LG	3/8" - 19 BSPP	steel		1.48	37.5	1.01	25.7	7/8"	0.10	10	100
1/4"	CJ2BF3-B	3/8" - 19 BSPP	brass		1.48	37.5	1.01	25.7	7/8"	0.09	10	100
3/8"	CJ3F3	3/8" - 18 NPT	steel		1.50	38.0	1.01	25.7	7/8"	0.15	10	50
3/8"	CJ3F3-B	3/8" - 18 NPT	brass		1.50	38.0	1.01	25.7	7/8"	0.15	10	50
3/8"	CJ3BF3	3/8" - 19 BSPP	steel		1.50	38.0	1.01	25.7	7/8"	0.15	10	50
3/8"	CJ3BF3-B	3/8" - 19 BSPP	brass		1.50	38.0	1.01	25.7	7/8"	0.15	10	50
3/8"	CJ3F4	1/2" - 14 NPT	steel		1.71	43.5	1.16	29.5	1"	0.20	10	50
3/8"	CJ3F4-B	1/2" - 14 NPT	brass		1.71	43.5	1.16	29.5	1"	0.20	10	50
3/8"	CJ3BF4	1/2" - 14 BSPP	steel		1.71	43.5	1.16	29.5	1"	0.20	10	50
3/8"	CJ3BF4-B	1/2" - 14 BSPP	brass		1.71	43.5	1.16	29.5	1"	0.20	10	50



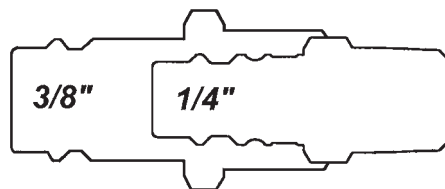
Body Size	CJ-Series European Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2CJM2-B	1/4" - 18 NPT	brass		2.44	62.0	0.92	23.4	3/4"	0.25	10	100
1/4"	2CJBM2-B	1/4" - 19 BSPT	brass		2.44	62.0	0.92	23.4	3/4"	0.25	10	100
1/4"	2CJM3-B	3/8" - 18 NPT	brass		2.44	62.0	0.92	23.4	3/4"	0.26	10	100
1/4"	2CJBM3-B	3/8" - 19 BSPT	brass		2.44	62.0	0.92	23.4	3/4"	0.26	10	100
3/8"	3CJM3-B	3/8" - 18 NPT	brass		2.64	67.0	1.09	27.7	15/16"	0.42	10	50
3/8"	3CJBM3-B	3/8" - 19 BSPT	brass		2.64	67.0	1.09	27.7	15/16"	0.42	10	50
3/8"	3CJM4-B	1/2" - 14 NPT	brass		2.76	70.0	1.09	27.7	15/16"	0.45	10	50
3/8"	3CJBM4-B	1/2" - 14 BSPT	brass		2.76	70.0	1.09	27.7	15/16"	0.45	10	50

CJ-Series Pneumatic Couplings



Body Size	CJ-Series European Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	CJ2M2-LG	1/4" - 18 NPT	steel		1.48	37.5	0.65	16.5	9/16"	0.07	10	100
1/4"	CJ2M2-B	1/4" - 18 NPT	brass		1.48	37.5	0.65	16.5	9/16"	0.05	10	100
1/4"	CJ2BM2-LG	1/4" - 19 BSPT	steel		1.48	37.5	0.65	16.5	9/16"	0.07	10	100
1/4"	CJ2BM2-B	1/4" - 19 BSPT	brass		1.48	37.5	0.65	16.5	9/16"	0.05	10	100
1/4"	CJ2M3-LG	3/8" - 18 NPT	steel		1.56	39.5	0.79	20.1	11/16"	0.09	10	100
1/4"	CJ2M3-B	3/8" - 18 NPT	brass		1.56	39.5	0.79	20.1	11/16"	0.08	10	100
1/4"	CJ2BM3-LG	3/8" - 19 BSPT	steel		1.56	39.5	0.79	20.1	11/16"	0.09	10	100
1/4"	CJ2BM3-B	3/8" - 19 BSPT	brass		1.56	39.5	0.79	20.1	11/16"	0.08	10	100
3/8"	CJ3M3	3/8" - 18 NPT	steel		1.57	40.0	0.79	20.1	11/16"	0.13	10	50
3/8"	CJ3M3-B	3/8" - 18 NPT	brass		1.57	40.0	0.79	20.1	11/16"	0.13	10	50
3/8"	CJ3BM3	3/8" - 19 BSPT	steel		1.57	40.0	0.79	20.1	11/16"	0.13	10	50
3/8"	CJ3BM3-B	3/8" - 19 BSPT	brass		1.57	40.0	0.79	20.1	11/16"	0.13	10	50
3/8"	CJ3M4	1/2" - 14 NPT	steel		1.81	46.0	1.01	25.7	7/8"	0.18	10	50
3/8"	CJ3M4-B	1/2" - 14 NPT	brass		1.81	46.0	1.01	25.7	7/8"	0.18	10	50
3/8"	CJ3BM4	1/2" - 14 BSPT	steel		1.81	46.0	1.01	25.7	7/8"	0.18	10	50
3/8"	CJ3BM4-B	1/2" - 14 BSPT	brass		1.81	46.0	1.01	25.7	7/8"	0.18	10	50

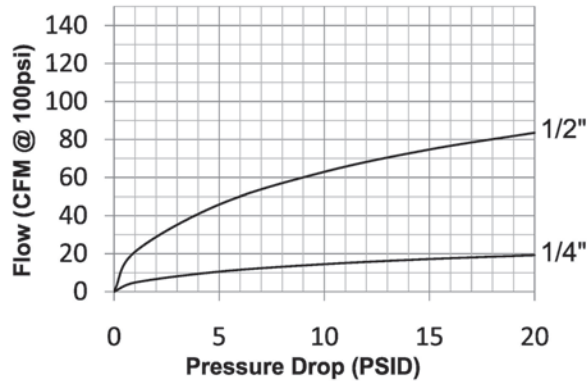
CJ Series Profile



SHD-Series Pneumatic Couplings

Interchange Data:

- Schrader Twist-Lock Interchange
- Parker Twist-Lock, Tomco Series-TL, Foster SHD



Materials:

- Machined components are manufactured using solid steel, brass, or aluminum bar stock.
- Stainless steel toggle-pawls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Adapter components are constructed of brass.
- Sleeves are constructed of steel.

Seal Components:

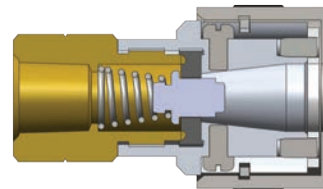
- Nitrile (Buna-N) seals are standard providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

Body Size	SHD-Series Schrader Interchange (Connected)			
	Coupler/Steel Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
1/4"	300	20	6,500	448
1/2"	300	20	13,400	924

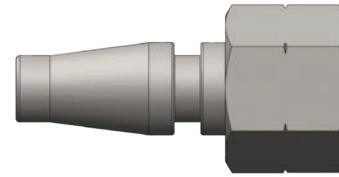
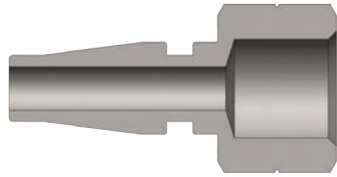
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 15 \text{ PSI}$
1/4"	-	-	-	-	Toggle-Pawls	N/A	N/A	N/R	17 CFM
1/2"	-	-	-	-	Toggle-Pawls	N/A	N/A	N/R	75 CFM

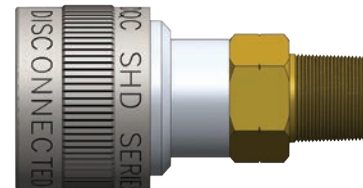
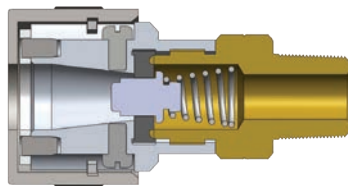


Body Size	SHD-Series Schrader Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2SHDF2	1/4" - 18 NPT	aluminum		2.10	53.3	1.12	28.4	11/16"	0.21	10	100
1/4"	2SHDF3	3/8" - 18 NPT	aluminum		2.18	55.4	1.12	28.4	11/16"	0.24	10	100
1/2"	4SHDF3	3/8" - 18 NPT	aluminum		2.59	65.8	1.50	38.1	1-1/8"	0.44	5	30
1/2"	4SHDF4	1/2" - 14 NPT	aluminum		2.66	67.6	1.50	38.1	1-1/8"	0.44	5	30
1/2"	4SHDF6	3/4" - 14 NPT	aluminum		2.81	71.4	1.50	38.1	1-1/8"	0.44	5	30

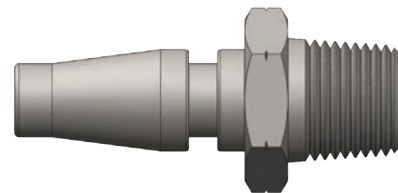
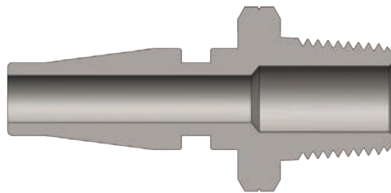
SHD-Series Pneumatic Couplings



Body Size	SHD-Series Schrader Interchange Nipple (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	SHD2F1	1/8" - 27 NPT	steel	1.49	37.9	0.79	20.1	11/16"	0.04	10	100	
1/4"	SHD2F2	1/4" - 18 NPT	steel	1.62	41.2	0.79	20.1	11/16"	0.07	10	100	
1/2"	SHD4F3	3/8" - 18 NPT	steel	1.79	45.5	1.01	25.7	7/8"	0.14	10	50	

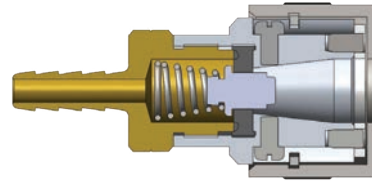
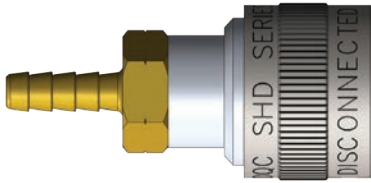


Body Size	SHD-Series Schrader Interchange Coupler (Male Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2SHDM2	1/4" - 18 NPT	aluminum	2.22	56.4	1.12	28.4	11/16"	0.21	10	100	
1/4"	2SHDM3	3/8" - 18 NPT	aluminum	2.28	57.9	1.12	28.4	11/16"	0.22	10	100	
1/2"	4SHDM3	3/8" - 18 NPT	aluminum	2.55	64.8	1.50	38.1	1-1/8"	0.39	5	30	
1/2"	4SHDM4	1/2" - 14 NPT	aluminum	2.61	66.3	1.50	38.1	1-1/8"	0.40	5	30	

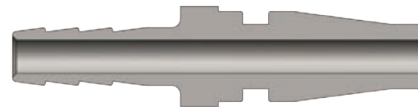
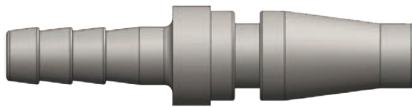


Body Size	SHD-Series Schrader Interchange Nipple (Male Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	SHD2M1	1/8" - 27 NPT	steel	1.54	39.1	0.79	20.1	11/16"	0.05	10	100	
1/4"	SHD2M2	1/4" - 18 NPT	steel	1.72	43.7	0.79	20.1	11/16"	0.05	10	100	
1/2"	SHD4M3	3/8" - 18 NPT	steel	1.81	46.0	1.01	25.7	7/8"	0.12	10	50	
1/2"	SHD4M4	1/2" - 14 NPT	steel	1.87	47.5	1.01	25.7	7/8"	0.12	10	50	

SHD-Series Pneumatic Couplings

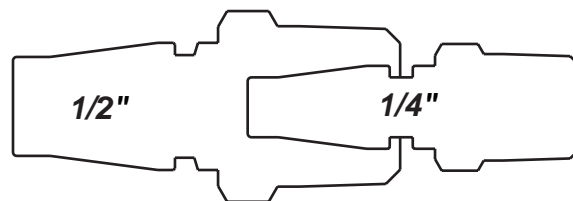


Body Size	SHD-Series Schrader Interchange Coupler (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2SHDS2	1/4"	aluminum		2.54	64.5	1.12	28.4	11/16"	0.22	10	100
1/4"	2SHDS3	3/8"	aluminum		2.67	67.8	1.12	28.4	11/16"	0.21	10	100
1/2"	4SHDS3	3/8"	aluminum		2.99	76.0	1.50	38.1	1-1/8"	0.39	5	30
1/2"	4SHDS4	1/2"	aluminum		4.23	107.4	1.50	38.1	1-1/8"	0.40	5	30



Body Size	SHD-Series Schrader Interchange Nipple (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	SHD2S2	1/4"	steel		2.03	51.6	0.65	16.5	-	0.04	10	100
1/4"	SHD2S3	3/8"	steel		2.22	56.4	0.65	16.5	-	0.06	10	100
1/2"	SHD4S3	3/8"	steel		2.34	59.4	0.8	20.3	-	0.11	10	50
1/2"	SHD4S4	1/2"	steel		2.53	64.3	0.8	20.3	-	0.12	10	50

SHD Series Profile

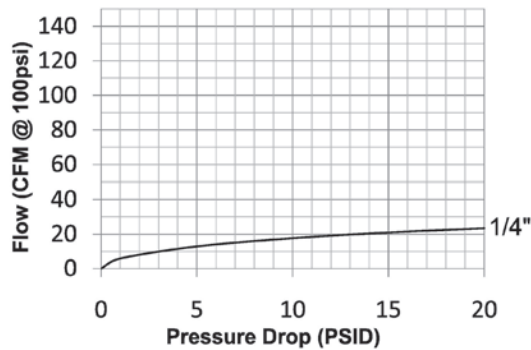


Warning! Operating pressure for couplings utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability 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.

L-Series Pneumatic Couplings

Interchange Data:

- Lincoln Long-Nose Automotive Interchange
- Parker 70-Series, Tomco Series-1110, Coilhose Type-17



Materials:

- Machined components are manufactured using solid brass or steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

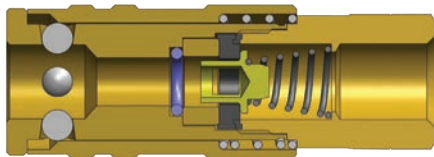
- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

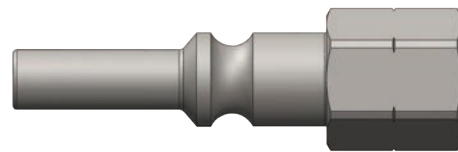
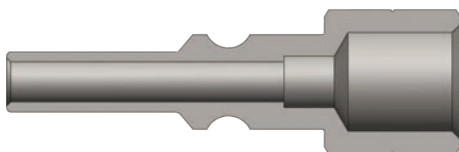
Body Size	L-Series Lincoln Interchange (Connected)			
	Brass Coupler/Steel Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
1/4"	300	21	5,000	345

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 15 \text{ PSI}$
1/4"	-	-	-	-	4	N/A	N/A	N/R	21 CFM

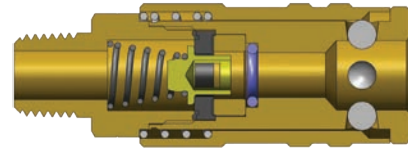


Body Size	L-Series Lincoln Interchange Coupler (Female Threads)										
	Part Detail			Length	Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material		Inch	mm			Bag	Box	
1/4"	2LF2-B	1/4" - 18 NPT	brass	2.40	61.0	0.90	22.9	3/4"	0.26	10	100

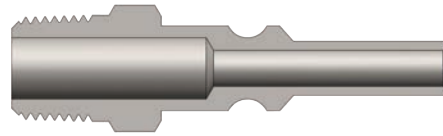
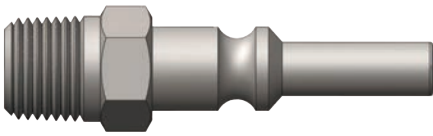


Body Size	L-Series Lincoln Interchange Nipple (Female Threads)										
	Part Detail			Length	Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material		Inch	mm			Bag	Box	
1/4"	L2F2	1/4" - 18 NPT	steel	2.10	53.3	0.72	18.3	5/8"	0.05	10	100

L-Series Pneumatic Couplings



Body Size	L-Series Lincoln Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2LM2-B	1/4"-18 NPT	brass		2.62	66.5	0.90	22.9	3/4"	0.24	10	100



Body Size	L-Series Lincoln Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	L2M2	1/4" - 18 NPT	steel		2.25	57.2	0.65	16.5	9/16"	0.06	10	100

L Series Profile



Warning!

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.

U-Series Pneumatic Couplings

Interchange Data:

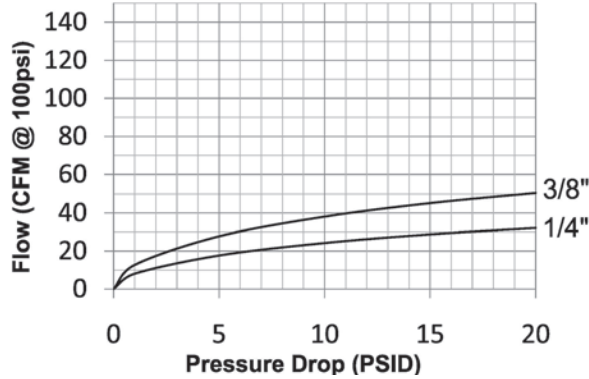
- 2U-Series 6-in-1 (Aro 210, Industrial, Truflate, Lincoln, Italian, and CEJN 320)
- 3U-Series 4-in-1 (ARO 310, Industrial, Truflate, and CEJN 410)
- Parker UC-Series, Hansen Auto-Flo 23, and Tomco Series UC

Materials:

- Machined components are manufactured using solid brass bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Valve components are machined from solid brass bar stock.

Seal Components:

- Nitrile (Buna-N) pneumatically energized seals are standard, temperature range of -40°F to +250°F (-40°C to +121°C).



Rated Pressure Chart:

Body Size	U-Series Automatic Universal Coupler Connected															
	Coupler/Steel DF Plug				Coupler/Steel CJ Plug				Coupler/Steel J Plug				Coupler/Steel M Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	300	20	2,800	193	300	20	9,500	655	300	20	6,400	441	300	20	4,300	297
3/8"	300	20	2,000	138	300	20	8,000	552	300	20	4,000	276	300	20	2,000	138

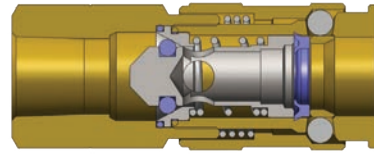
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 15$ PSI
1/4"	-	-	-	-	6	N/A	N/A	N/R	37 SCFM
3/8"	-	-	-	-	6	N/A	N/A	N/R	67 SCFM

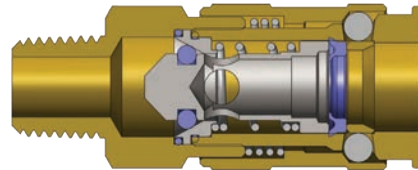
- Note: Many competitive Universal couplings are unable to match the performance capabilities of the Dixon U-Series. Each of the competitive Universal couplers only accept three pneumatic nipple styles. Although the universal coupler permits multiple series nipples to mate with one coupler, it is recommended to match like series couplers and nipples. When using a Universal coupler, the lower performance rating between the coupler and nipple must take precedence.
- Dry air: 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.



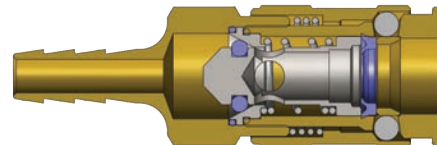
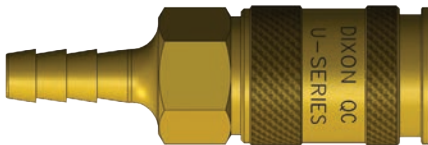
U-Series Pneumatic Couplings



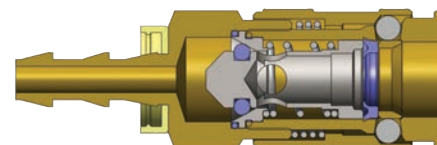
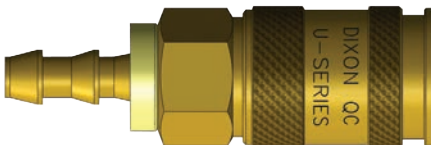
Body Size	U-Series Automatic Universal Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2UF2-B	1/4" - 18 NPT	brass		2.32	59.0	0.92	23.4	3/4"	0.26	10	100
1/4"	2UF3-B	3/8" - 18 NPT	brass		2.32	59.0	0.92	23.4	3/4"	0.27	10	100
3/8"	3UF3-B	3/8" - 18 NPT	brass		2.54	64.5	1.09	27.7	15/16"	0.31	10	50



Body Size	U-Series Automatic Universal Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2UM2-B	1/4" - 18 NPT	brass		2.44	62.0	0.92	23.4	3/4"	0.24	10	100
1/4"	2UM3-B	3/8" - 18 NPT	brass		2.44	62.0	0.92	23.4	3/4"	0.25	10	100
3/8"	3UM3-B	3/8" - 18 NPT	brass		2.64	67.0	1.09	27.7	15/16"	0.30	10	50



Body Size	U-Series Automatic Universal Coupler (Standard Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2US2-B	1/4"	brass		2.64	67.0	0.92	23.4	3/4"	0.26	10	100
1/4"	2US3-B	3/8"	brass		2.76	70.0	0.92	23.4	3/4"	0.27	10	100
3/8"	3US3-B	3/8"	brass		2.99	76.0	1.09	27.7	15/16"	0.31	10	50

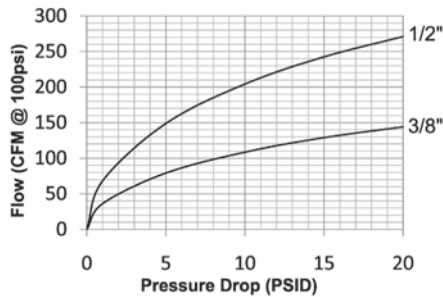


Body Size	U-Series Automatic Universal Coupler (Push-Loc Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2UB2-B	1/4"	brass		2.52	64.0	0.92	23.4	3/4"	0.25	10	100
1/4"	2UB3-B	3/8"	brass		2.64	67.0	0.92	23.4	3/4"	0.26	10	100

N-Series Pneumatic Couplings

Interchange Data:

- Bowes Interchange Bayonet Style
- Interchangeable with Bowes 51000-Series, National Series 'B', Dixon Dixlock, MacDonald Quick-Action



Materials:

- Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock.
- Phosphor Bronze retaining ring and spring maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Dust cap bead chain constructed of stainless steel.

Seal Components:

- Nitrile (Buna-N) pneumatically energized seals are standard, temperature range -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

Body Size	N-Series Bowes Interchange (Connected)											
	Steel Coupler/Plug				Brass Coupler/Plug				303 Stainless Steel Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
3/8"	500	35	7,000	480	-	-	-	-	-	-	-	-
1/2"	500	35	11,000	755	300	20	8,200		500	35	12,600	

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 10 \text{ PSI}$
3/8"	-	-	-	-	Latch Tabs	N/A	N/A	N/R	108 CFM
1/2"	MIL-C-3486	A-A-50431A	-	-	Latch Tabs	N/A	N/A	N/R	204 CFM

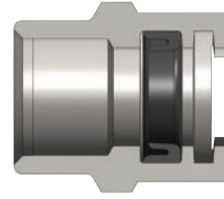
List Price Option Adders:

Body Size	Seals		Staked Ferrule Option					
	Viton®		1/2" Barb		3/4" Barb		3/4" Stainless Barb	
	Pre	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$
3/8"	F-	N/A	-	N/A	-	N/A	-	N/A
1/2"	F-		-WF43		-WF63		-WFS63	

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.

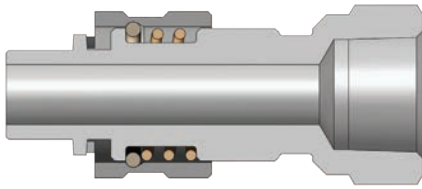


N-Series Pneumatic Couplings

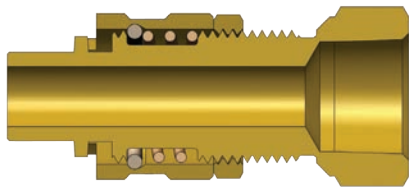


Body Size	N-Series Bowes Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	4NF3	3/8" - 18 NPTF	steel		1.63	41.4	1.54	39.1	1-3/8"	0.51	-	25
1/2"	4NF3-B	3/8" - 18 NPTF	brass		1.63	41.4	1.54	39.1	1-3/8"	0.55	-	25
1/2"	4NBF3	3/8" - 19 BSPP	steel		1.63	41.4	1.54	39.1	1-3/8"	0.51	-	25
1/2"	4NF4	1/2" - 14 NPTF	steel		1.63	41.4	1.54	39.1	1-3/8"	0.46	-	25
1/2"	4NF4-B	1/2" - 14 NPTF	brass		1.63	41.4	1.54	39.1	1-3/8"	0.50	-	25
1/2"	4NBF4	1/2" - 14 BSPP	steel		1.63	41.4	1.54	39.1	1-3/8"	0.46	-	25
1/2"	4NBF4-B	1/2" - 14 BSPP	brass		1.63	41.4	1.54	39.1	1-3/8"	0.50	-	25
1/2"	4NF6	3/4" - 14 NPTF	steel		1.63	41.4	1.54	39.1	1-3/8"	0.36	-	25
1/2"	4NF6-B	3/4" - 14 NPTF	brass		1.63	41.4	1.54	39.1	1-3/8"	0.41	-	25
1/2"	4NF6-S	3/4" - 14 NPTF	303 stainless		1.63	41.4	1.54	39.1	1-3/8"	0.38	-	25
1/2"	4NBF6	3/4" - 14 BSPP	steel		1.63	41.4	1.54	39.1	1-3/8"	0.36	-	25
1/2"	4NBF6-B	3/4" - 14 BSPP	brass		1.63	41.4	1.54	39.1	1-3/8"	0.41	-	25
1/2"	4NF8	1" - 11 1/2 NPTF	steel		1.68	42.6	1.73	43.9	1-1/2"	0.48	-	25
1/2"	4NF8-B	1" - 11 1/2 NPTF	brass		1.68	42.6	1.73	43.9	1-1/2"	0.53	-	25
1/2"	4NBF8	1" - 11 BSPP	steel		1.68	42.6	1.73	43.9	1-1/2"	0.48	-	25
1/2"	4NBF8-B	1" - 11 BSPP	brass		1.68	42.6	1.73	43.9	1-1/2"	0.53	-	25

N-Series Pneumatic Couplings

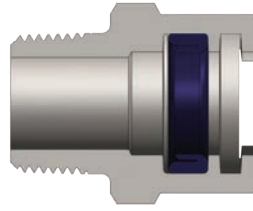


Body Size	N-Series Bowes Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	N4F3	3/8" - 18 NPTF	steel		2.73	69.3	1.40	35.6	1-1/8"	0.49	-	25
1/2"	N4F3-B	3/8" - 18 NPTF	brass		2.73	69.3	1.40	35.6	1-1/8"	0.54	-	25
1/2"	N4BF3	3/8" - 19 BSPP	steel		2.73	69.3	1.40	35.6	1-1/8"	0.49	-	25
1/2"	N4F4	1/2" - 14 NPTF	steel		2.73	69.3	1.40	35.6	1-1/8"	0.75	-	25
1/2"	N4F4-B	1/2" - 14 NPTF	brass		2.73	69.3	1.40	35.6	1-1/8"	0.83	-	25
1/2"	N4BF4	1/2" - 14 BSPP	steel		2.73	69.3	1.40	35.6	1-1/8"	0.75	-	25
1/2"	N4BF4-B	1/2" - 14 BSPP	brass		2.73	69.3	1.40	35.6	1-1/8"	0.83	-	25
1/2"	N4F6	3/4" - 14 NPTF	steel		3.34	84.8	1.58	40.1	1-3/8"	0.66	-	25
1/2"	N4F6-B	3/4" - 14 NPTF	brass		3.34	84.8	1.58	40.1	1-3/8"	0.74	-	25
1/2"	N4F6-S	3/4" - 14 NPTF	303 stainless		3.34	84.8	1.58	40.1	1-3/8"	0.69	-	25
1/2"	N4BF6	3/4" - 14 BSPP	steel		3.34	84.8	1.58	40.1	1-3/8"	0.70	-	25
1/2"	N4BF6-B	3/4" - 14 BSPP	brass		3.34	84.8	1.58	40.1	1-3/8"	0.74	-	25
1/2"	N4F8	1" - 11 1/2 NPTF	steel		3.37	85.7	1.73	43.9	1-1/2"	0.72	-	25
1/2"	N4F8-B	1" - 11 1/2 NPTF	brass		3.37	85.7	1.73	43.9	1-1/2"	0.77	-	25
1/2"	N4BF8	1" - 11 BSPP	steel		3.37	85.7	1.73	43.9	1-1/2"	0.72	-	25
1/2"	N4BF8-B	1" - 11 BSPP	brass		3.37	85.7	1.73	43.9	1-1/2"	0.77	-	25



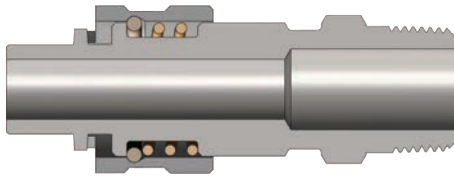
Body Size	N-Series Bowes Interchange Safety-Lock Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	N4F4-B-LS	1/2" - 14 NPTF	brass		4.28	108.6	1.58	40.1	1-3/8"	0.69	-	25
1/2"	N4F6-B-LS	3/4" - 14 NPTF	brass		4.38	111.2	1.73	43.9	1-1/2"	0.67	-	25

N-Series Pneumatic Couplings

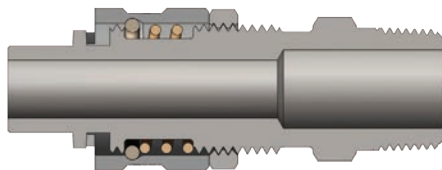


Body Size	N-Series Bowes Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	3NM4	1/2" - 14 NPTF	steel		1.72	43.6	1.37	34.8	1-3/16"	0.19	-	40
3/8"	3NBM4	1/2" - 14 BSPT	steel		1.72	43.6	1.37	34.8	1-3/16"	0.19	-	40
1/2"	4NM3	3/8" - 18 NPTF	steel		1.77	45.0	1.54	39.1	1-3/8"	0.31	-	25
1/2"	4NM3-B	3/8" - 18 NPTF	brass		1.77	45.0	1.54	39.1	1-3/8"	0.34	-	25
1/2"	4NBM3	3/8" - 19 BSPT	steel		1.77	45.0	1.54	39.1	1-3/8"	0.31	-	25
1/2"	4NM4	1/2" - 14 NPTF	steel		1.77	45.0	1.54	39.1	1-3/8"	0.33	-	25
1/2"	4NM4-B	1/2" - 14 NPTF	brass		1.77	45.0	1.54	39.1	1-3/8"	0.35	-	25
1/2"	4NBM4	1/2" - 14 BSPT	steel		1.77	45.0	1.54	39.1	1-3/8"	0.33	-	25
1/2"	4NBM4-B	1/2" - 14 BSPT	brass		1.77	45.0	1.54	39.1	1-3/8"	0.35	-	25
1/2"	4NM6	3/4" - 14 NPTF	steel		1.77	45.0	1.54	39.1	1-3/8"	0.34	-	25
1/2"	4NM6-B	3/4" - 14 NPTF	brass		1.77	45.0	1.54	39.1	1-3/8"	0.38	-	25
1/2"	4NM6-S	3/4" - 14 NPTF	303 stainless		1.77	45.0	1.54	39.1	1-3/8"	0.35	-	25
1/2"	4NBM6	3/4" - 14 BSPT	steel		1.77	45.0	1.54	39.1	1-3/8"	0.34	-	25
1/2"	4NBM6-B	3/4" - 14 BSPT	brass		1.77	45.0	1.54	39.1	1-3/8"	0.38	-	25
1/2"	4NM8	1" - 11 1/2 NPTF	steel		1.84	46.8	1.73	43.9	1-1/2"	0.45	-	25
1/2"	4NM8-B	1" - 11 1/2 NPTF	brass		1.84	46.8	1.73	43.9	1-1/2"	0.49	-	25
1/2"	4NBM8	1" - 11 BSPT	steel		1.84	46.8	1.73	43.9	1-1/2"	0.45	-	25
1/2"	4NBM8-B	1" - 11 BSPT	brass		1.84	46.8	1.73	43.9	1-1/2"	0.49	-	25

N-Series Pneumatic Couplings

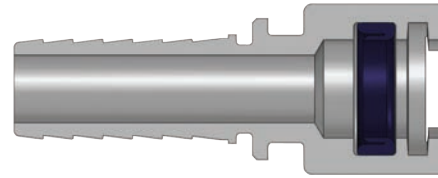
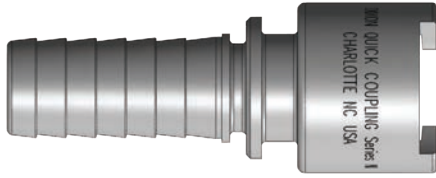


Body Size	N-Series Bowes Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	N3M4	1/2" - 14 NPTF	steel		1.72	43.6	1.37	34.8	1-3/16"	0.41	-	40
3/8"	N3BM4	1/2" - 14 BSPT	steel		1.72	43.6	1.37	34.8	1-3/16"	0.41	-	40
1/2"	N4M3	3/8" - 18 NPTF	steel		3.65	92.7	1.40	35.6	1-1/8"	0.54	-	25
1/2"	N4M3-B	3/8" - 18 NPTF	brass		3.65	92.7	1.40	35.6	1-1/8"	0.55	-	25
1/2"	N4BM3	3/8" - 19 BSPT	steel		3.65	92.7	1.40	35.6	1-1/8"	0.54	-	25
1/2"	N4M4	1/2" - 14 NPTF	steel		3.65	92.7	1.40	35.6	1-1/8"	0.59	-	25
1/2"	N4M4-B	1/2" - 14 NPTF	brass		3.65	92.7	1.40	35.6	1-1/8"	0.63	-	25
1/2"	N4BM4	1/2" - 14 BSPT	steel		3.65	92.7	1.40	35.6	1-1/8"	0.59	-	25
1/2"	N4BM4-B	1/2" - 14 BSPT	brass		3.65	92.7	1.40	35.6	1-1/8"	0.63	-	25
1/2"	N4M6	3/4" - 14 NPTF	steel		3.74	95.0	1.40	35.6	1-1/8"	0.59	-	25
1/2"	N4M6-B	3/4" - 14 NPTF	brass		3.74	95.0	1.40	35.6	1-1/8"	0.64	-	25
1/2"	N4M6-S	3/4" - 14 NPTF	303 stainless		3.74	95.0	1.40	35.6	1-1/8"	0.62	-	25
1/2"	N4BM6	3/4" - 14 BSPT	steel		3.74	95.0	1.40	35.6	1-1/8"	0.59	-	25
1/2"	N4BM6-B	3/4" - 14 BSPT	brass		3.74	95.0	1.40	35.6	1-1/8"	0.64	-	25
1/2"	N4M8	1" - 11 1/2 NPTF	steel		3.78	95.9	1.54	39.1	1-3/8"	0.71	-	25
1/2"	N4M8-B	1" - 11 1/2 NPTF	brass		3.78	95.9	1.54	39.1	1-3/8"	0.75	-	25
1/2"	N4BM8	1" - 11 BSPT	steel		3.78	95.9	1.54	39.1	1-3/8"	0.71	-	25
1/2"	N4BM8-B	1" - 11 BSPT	brass		3.78	95.9	1.54	39.1	1-3/8"	0.75	-	25

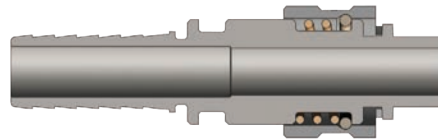
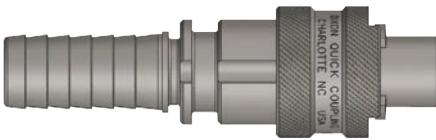


Body Size	N-Series Bowes Interchange Safety-Lock Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	N4M4-LS	1/2" - 14 NPTF	steel		3.65	92.7	1.40	35.6	1-1/8"	0.63	-	25
1/2"	N4M4-B-LS	1/2" - 14 NPTF	brass		3.65	92.7	1.40	35.6	1-1/8"	0.69	-	25
1/2"	N4BM4-LS	1/2" - 14 BSPT	steel		3.65	92.7	1.40	35.6	1-1/8"	0.63	-	25
1/2"	N4M6-LS	3/4" - 14 NPTF	steel		3.74	95.0	1.40	35.6	1-1/8"	0.65	-	25
1/2"	N4M6-B-LS	3/4" - 14 NPTF	brass		3.74	95.0	1.40	35.6	1-1/8"	0.69	-	25
1/2"	N4M6-S-LS	3/4" - 14 NPTF	303 stainless		3.74	95.0	1.40	35.6	1-1/8"	0.67	-	25
1/2"	N4BM6-LS	3/4" - 14 BSPT	steel		3.74	95.0	1.40	35.6	1-1/8"	0.65	-	25

N-Series Pneumatic Couplings

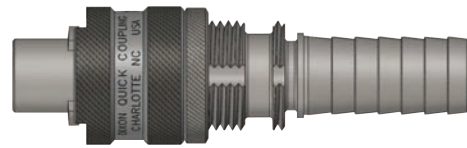
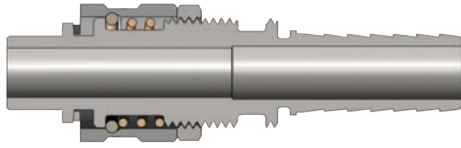


Body Size	N-Series Bowes Interchange Coupler (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	3NCS4	1/2"	steel		2.41	61.2	1.20	30.5	-	0.18	-	40
1/2"	4NS3	3/8"	steel		2.98	75.7	1.33	33.8	-	0.34	-	25
1/2"	4NS3-B	3/8"	brass		2.98	75.7	1.33	33.8	-	0.36	-	25
1/2"	4NS4	1/2"	steel		3.37	85.6	1.33	33.8	-	0.36	-	25
1/2"	4NS4-B	1/2"	brass		3.37	85.6	1.33	33.8	-	0.40	-	25
1/2"	4NS6	3/4"	steel		3.37	85.6	1.33	33.8	-	0.40	-	25
1/2"	4NS6-B	3/4"	brass		3.37	85.6	1.33	33.8	-	0.44	-	25
1/2"	4NS6-S	3/4"	303 stainless		3.37	85.6	1.33	33.8	-	0.41	-	25
1/2"	4NS8	1"	steel		3.49	88.7	1.33	33.8	-	0.52	-	25
1/2"	4NS8-B	1"	brass		3.49	88.7	1.33	33.8	-	0.56	-	25
1/2"	4NS8-S	1"	303 stainless		3.49	88.7	1.33	33.8	-	0.56	-	25

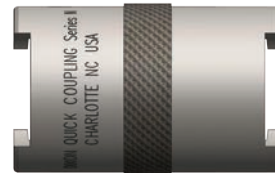
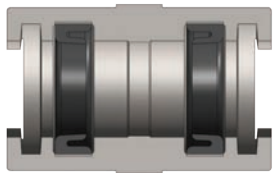


Body Size	N-Series Bowes Interchange Nipple (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	N3CS4	1/2"	steel		3.73	94.8	1.13	28.6	-	0.33	-	25
1/2"	N4S3	3/8"	steel		4.36	110.7	1.40	35.6	-	0.59	-	25
1/2"	N4S3-B	3/8"	brass		4.36	110.7	1.40	35.6	-	0.66	-	25
1/2"	N4S4	1/2"	steel		4.63	117.6	1.40	35.6	-	0.60	-	25
1/2"	N4S4-B	1/2"	brass		4.63	117.6	1.40	35.6	-	0.66	-	25
1/2"	N4S6	3/4"	steel		4.77	121.2	1.40	35.6	-	0.59	-	25
1/2"	N4S6-B	3/4"	brass		4.77	121.2	1.40	35.6	-	0.64	-	25
1/2"	N4S6-S	3/4"	303 stainless		4.77	121.2	1.40	35.6	-	0.62	-	25
1/2"	N4S8	1"	steel		4.77	121.2	1.40	35.6	-	0.63	-	25
1/2"	N4S8-B	1"	brass		4.77	121.2	1.40	35.6	-	0.69	-	25
1/2"	N4S8-S	1"	303 stainless		4.77	121.2	1.40	35.6	-	0.69	-	25

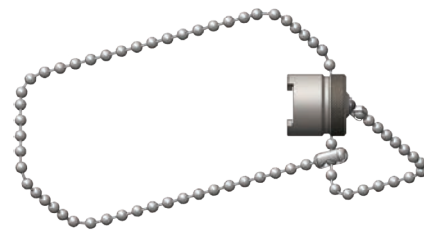
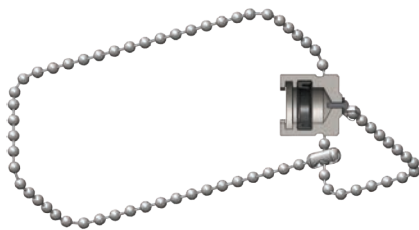
N-Series Pneumatic Couplings



Body Size	N-Series Bowes Interchange Safety-Lock Nipple (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	N4S4-LS	1/2"	steel		4.63	117.6	1.40	35.6	-	0.61	-	25
1/2"	N4S4-B-LS	1/2"	brass		4.63	117.6	1.40	35.6	-	0.69	-	25
1/2"	N4S6-LS	3/4"	steel		4.77	121.2	1.40	35.6	-	0.61	-	25
1/2"	N4S6-B-LS	3/4"	brass		4.77	121.2	1.40	35.6	-	0.66	-	25
1/2"	N4S6-S-LS	3/4"	303 stainless		4.77	121.2	1.40	35.6	-	0.64	-	25



Body Size	N-Series Bowes Interchange Gender-Change Union											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Configuration	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	4N4N	coupler to coupler	steel		3.26	82.8	1.33	33.8	-	0.30	-	25



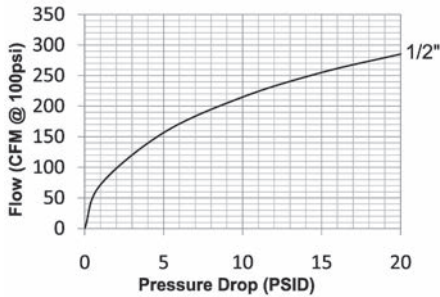
Body Size	N-Series Bowes Interchange Protective Nipple Cap											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Cap Lanyard	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	N4DC	SS bead chain	steel		1.50	38.1	1.33	33.8	-	0.32	-	25
1/2"	N4DC-B	SS bead chain	brass		1.50	38.1	1.33	33.8	-	0.35	-	25

Body Size	N-Series Bowes Interchange Replacement Seals											
	Part Detail				Seal Kit Contents					Package Qty		
	Part Number	Coupler Style	Seal Material							Bag	Box	
3/8"	3N-SKIT	all	Nitrile		O-Ring					25	200	
1/2"	4N-SKIT	all	Nitrile		Pneumatically Energized Seal					25	200	
1/2"	F-4N-SKIT	all	Viton®		Pneumatically Energized Seal					25	500	

P-Series Pneumatic Couplings

Interchange Data:

- Thor Finger-Lock Interchange
- Interchanges with Thor PHC-Series, National Series 'A', and Dixon Dual-Lock.



Materials:

- Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock.
- Phosphor Bronze retaining ring and spring maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

- Nitrile (Buna-N) seals are standard, temperature range -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

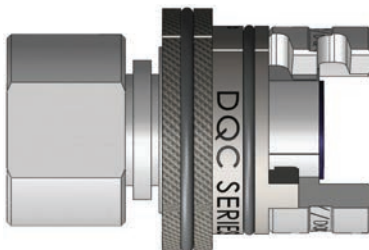
Body Size	P-Series Thor Interchange (Connected)											
	Steel Coupler/Plug				Brass Coupler/Plug				303 Stainless Steel Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/2"	300	20	2,600	180	300	20	3,500	240	300	20	4,500	310

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 15$ PSI
1/2"	-	-	-	-	Latch Fingers	N/A	N/A	N/R	255 CFM

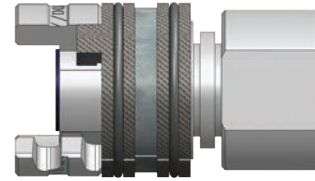
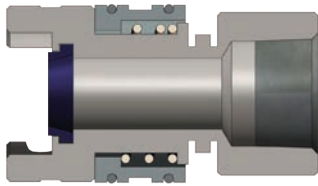
List Price Option Adders:

Body Size	Seals		Sleeve Options				Staked Ferrule Option					
	Viton®		Flanged		Lock Clip		1/2" Barb		3/4" Barb		3/4" Stainless Barb	
	Pre	Add \$	Suf	Add \$	Part Number	List \$	Suf	Add \$	Suf	Add \$	Suf	Add \$
1/2"	F-		-FS		4P-CLIP		-WF43		-WF63		-WFS63	

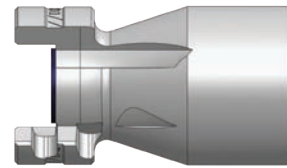
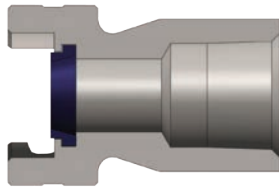


P Series Coupler with -FS Flanged Sleeve Option

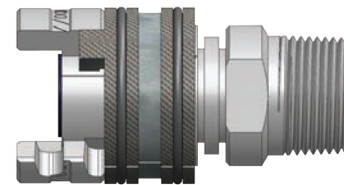
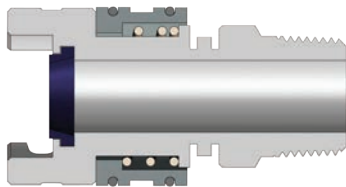
P-Series Pneumatic Couplings



Body Size	P-Series Thor Interchange Coupler (Female Threads)											
	Part Detail			Length		Maximum OD		Wrench Flats	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/2"	4PF4	1/2" - 14 NPTF	steel	2.75	69.9	1.55	39.4	1-1/4"	0.64	-	25	
1/2"	4PF6	3/4" - 14 NPTF	steel	2.75	69.9	1.55	39.4	1-1/4"	0.55	-	25	
1/2"	4PF6-B	3/4" - 14 NPTF	brass	2.75	69.9	1.55	39.4	1-1/4"	0.58	-	25	
1/2"	4PF6-S	3/4" - 14 NPTF	303 stainless	2.75	69.9	1.55	39.4	1-1/4"	0.57	-	25	

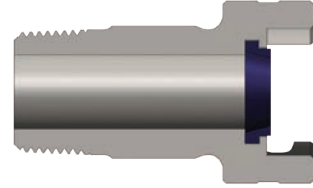
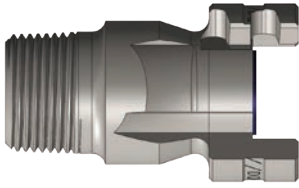


Body Size	P-Series Thor Interchange Nipple (Female Threads)											
	Part Detail			Length		Maximum OD		Wrench Flats	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/2"	P4F3	3/8"-18 NPTF	steel	1.79	45.5	1.55	39.4	7/8"	0.49	-	25	
1/2"	P4F4	1/2"-14 NPTF	steel	2.25	57.2	1.55	39.4	1-5/16"	0.75	-	25	
1/2"	P4F4-B	1/2"-14 NPTF	brass	2.25	57.2	1.55	39.4	1-5/16"	0.83	-	25	
1/2"	P4F6	3/4"-14 NPTF	steel	2.34	59.4	1.55	39.4	1-5/16"	0.66	-	25	
1/2"	P4F6-9	3/4"-14 NPTF	steel/Tefcoat	2.34	59.4	1.55	39.4	1-5/16"	0.66	-	25	
1/2"	P4F6-B	3/4"-14 NPTF	brass	2.34	59.4	1.55	39.4	1-5/16"	0.74	-	25	
1/2"	P4F6-S	3/4"-14 NPTF	303 stainless	2.34	59.4	1.55	39.4	1-5/16"	0.69	-	25	
1/2"	P4F8	1"-11 1/2 NPTF	steel	2.76	70.1	1.55	39.4	1-7/16"	0.72	-	25	
1/2"	P4F8-B	1"-11 1/2 NPTF	brass	2.76	70.1	1.55	39.4	1-7/16"	0.77	-	25	

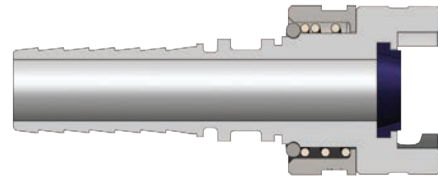
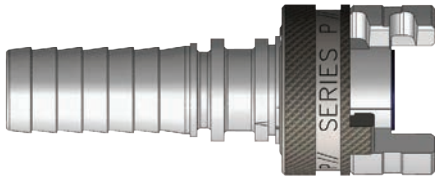


Body Size	P-Series Thor Interchange Coupler (Male Threads)											
	Part Detail			Length		Maximum OD		Wrench Flats	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/2"	4PM3	3/8" - 18 NPTF	steel	2.93	74.4	1.55	39.4	7/8"	0.48	-	25	
1/2"	4PM4	1/2" - 14 NPTF	steel	2.98	75.7	1.55	39.4	7/8"	0.48	-	25	
1/2"	4PM6	3/4" - 14 NPTF	steel	2.98	75.7	1.55	39.4	1-1/16"	0.51	-	25	
1/2"	4PM6-9	3/4" - 14 NPTF	steel/Tefcoat	2.98	75.7	1.55	39.4	1-1/16"	0.51	-	25	
1/2"	4PM6-S	3/4" - 14 NPTF	303 stainless	2.98	75.7	1.55	39.4	1-1/16"	0.50	-	25	
1/2"	4PM8	1" - 11 1/2 NPTF	steel	3.11	79.0	1.55	39.4	1-3/8"	0.56	-	25	

P-Series Pneumatic Couplings



Body Size	P-Series Thor Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Wrench Flats	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	P4M3	3/8" - 18 NPTF	steel		2.00	50.8	1.55	39.4	7/8"	0.29	-	25
1/2"	P4M4	1/2" - 14 NPTF	steel		2.25	57.2	1.55	39.4	15/16"	0.32	-	25
1/2"	P4M4-B	1/2" - 14 NPTF	brass		2.25	57.2	1.55	39.4	15/16"	0.35	-	25
1/2"	P4M6	3/4" - 14 NPTF	steel		2.55	64.8	1.55	39.4	1-1/8"	0.44	-	25
1/2"	P4M6-9	3/4" - 14 NPTF	steel/Tefcoat		2.55	64.8	1.55	39.4	1-1/8"	0.44	-	25
1/2"	P4M6-B	3/4" - 14 NPTF	brass		2.55	64.8	1.55	39.4	1-1/8"	0.48	-	25
1/2"	P4M6-S	3/4" - 14 NPTF	303 stainless		2.55	64.8	1.55	39.4	1-1/8"	0.46	-	25
1/2"	P4M8	1" - 11 1/2 NPTF	steel		3.25	82.6	1.55	39.4	1-3/8"	0.62	-	25
1/2"	P4M8-B	1" - 11 1/2 NPTF	brass		3.25	82.6	1.55	39.4	1-3/8"	0.66	-	25



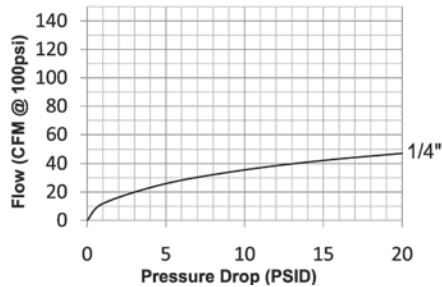
Body Size	P-Series Thor Interchange Coupler (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	4PS3	3/8"	steel		3.53	89.7	1.55	39.4	-	0.48	-	25
1/2"	4PS4	1/2"	steel		3.95	100.3	1.55	39.4	-	0.52	-	25
1/2"	4PS4-B	1/2"	brass		3.95	100.3	1.55	39.4	-	0.57	-	25
1/2"	4PS6	3/4"	steel		3.95	100.3	1.55	39.4	-	0.55	-	25
1/2"	4PS6-9	3/4"	steel/Tefcoat		3.95	100.3	1.55	39.4	-	0.55	-	25
1/2"	4PS6-B	3/4"	brass		3.95	100.3	1.55	39.4	-	0.58	-	25
1/2"	4PS6-S	3/4"	303 stainless		3.95	100.3	1.55	39.4	-	0.59	-	25
1/2"	4PS8	1"	steel		6.06	153.9	1.55	39.4	-	0.94	-	25
1/2"	4PS8-B	1"	brass		6.06	153.9	1.55	39.4	-	0.98	-	25

Body Size	P-Series Thor Interchange Replacement Seals											
	Part Detail				Seal Kit Contents					Package Qty		
	Part Number	Coupler Style	Material							Bag	Box	
1/2"	4P-SKIT	all	Nitrile		Sealing Gasket					25	500	
1/2"	F-4P-SKIT	all	Viton®		Sealing Gasket					25	500	

NK-Series Pneumatic Couplings

Interchange Data:

- Japanese Industrial Interchange Pneumatic Coupling
- Nitto Kohki Hi-Cupla 200, Rectus Series 13, and CEJN Series 315



Materials:

- Machined components are manufactured using solid steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using chrome-over-nickel plating.

Seal Components:

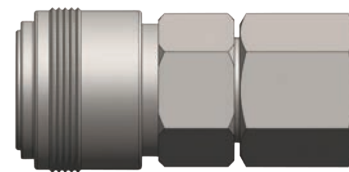
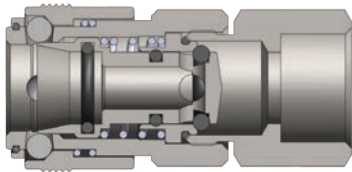
- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

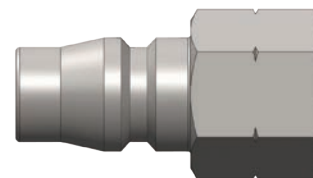
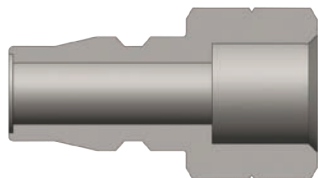
Body Size	NK-Series Japanese Industrial Interchange (Connected)			
	Coupler/Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
1/4"	300	20	13,500	931

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow ΔP = 15 PSI
1/4"	-	-	-	-	4	N/A	N/A	N/R	42 CFM

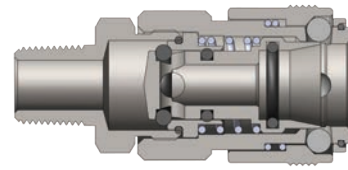
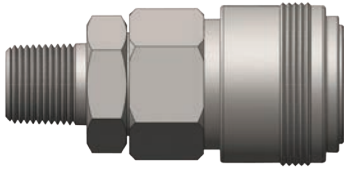


Body Size	NK-Series Japanese Industrial Interchange Coupler (Female Threads)										
	Part Detail			Length	Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material		Inch	mm			Bag	Box	
1/4"	2NKF2	1/4" - 18 NPT	steel	1.97	50.0	1.02	26.0	3/4"	0.28	10	100
1/4"	2NKBF2	1/4" - 19 BSPP	steel	1.97	50.0	1.02	26.0	3/4"	0.28	10	100

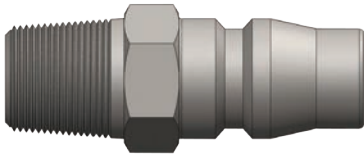


Body Size	NK-Series Japanese Industrial Interchange Nipple (Female Threads)										
	Part Detail			Length	Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material		Inch	mm			Bag	Box	
1/4"	NK2F2	1/4" - 18 NPT	steel	1.39	35.2	0.52	13.1	5/8"	0.05	10	100
1/4"	NK2BF2	1/4" - 19 BSPP	steel	1.39	35.2	0.52	13.1	5/8"	0.05	10	100

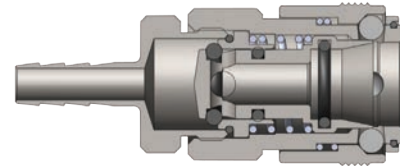
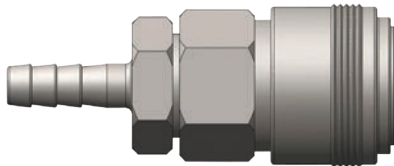
NK-Series Pneumatic Couplings



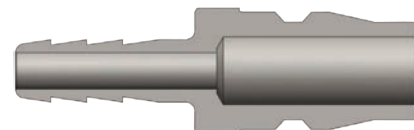
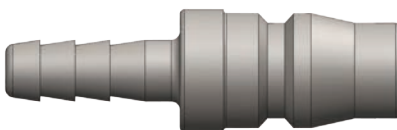
Body Size	NK-Series Japanese Industrial Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2NKM2	1/4" - 18 NPT	steel		2.12	54.0	1.02	26.0	3/4"	0.28	10	100
1/4"	2NKBM2	1/4" - 19 BSPT	steel		2.12	54.0	1.02	26.0	3/4"	0.29	10	100



Body Size	NK-Series Japanese Industrial Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	NK2M2	1/4" - 18 NPT	steel		1.54	39.2	0.52	13.1	5/8"	0.05	10	100
1/4"	NK2BM2	1/4" - 19 BSPT	steel		1.54	39.2	0.52	13.1	5/8"	0.05	10	100



Body Size	NK-Series Japanese Industrial Interchange Coupler (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2NKS2	1/4"	steel		2.40	61.0	1.02	26.0	3/4"	0.31	10	100

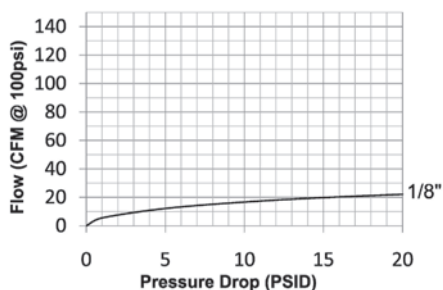


Body Size	NK-Series Japanese Industrial Interchange Nipple (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	NK2S2	1/4"	steel		1.78	45.2	0.44	11.3	-	0.05	10	100

BR-Series Pneumatic Couplings

Interchange Data:

- Rectus 21KA, Tomco Series SC, CEJN Series 223



Materials:

- Machined components are manufactured using solid brass bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Machined components are plated with chrome-over-nickel plating.

Seal Components:

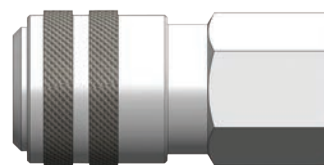
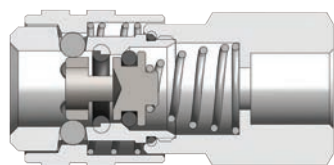
- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

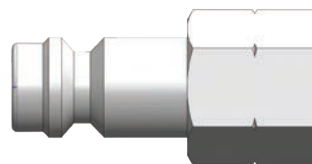
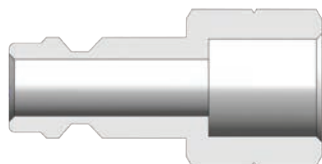
BR-Series Rectus 21-Series Interchange (Connected)				
Body Size	Coupler/Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
1/8"	300	20	7,000	483

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 15 \text{ PSI}$
1/4"	-	-	-	-	6	N/A	N/A	N/R	20 CFM

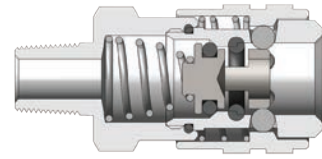
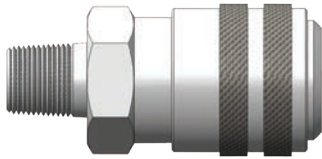


Body Size	BR-Series Rectus 21-Series Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	1BRF1-B-7	1/8" - 27 NPT	brass		1.55	39.4	0.65	16.5	9/16"	0.06	10	100
1/8"	1BRBF1-B-7	1/8" - 28 BSPP	brass		1.55	39.4	0.65	16.5	9/16"	0.06	10	100
1/8"	1BRF2-B-7	1/4" - 18 NPT	brass		1.77	45.0	0.72	18.3	5/8"	0.10	10	100
1/8"	1BRBF2-B-7	1/4" - 19 BSPP	brass		1.77	45.0	0.72	18.3	5/8"	0.10	10	100

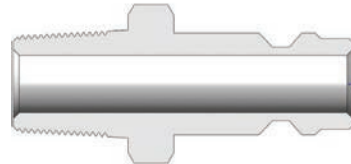
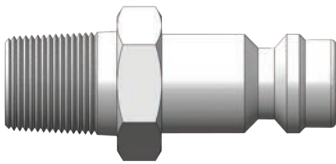


Body Size	BR-Series Rectus 21-Series Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	BR1F1-B-E-7	1/8" - 27 NPT	brass		1.14	29.0	0.65	16.5	9/16"	0.04	10	100
1/8"	BR1BF1-B-E-7	1/8" - 28 BSPP	brass		1.14	29.0	0.65	16.5	9/16"	0.04	10	100
1/8"	BR1F2-B-E-7	1/4" - 18 NPT	brass		1.33	33.8	0.72	18.3	5/8"	0.07	10	100
1/8"	BR1BF2-B-E-7	1/4" - 19 BSPP	brass		1.33	33.8	0.72	18.3	5/8"	0.07	10	100

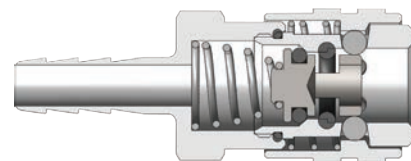
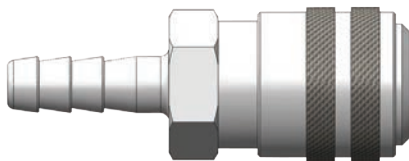
BR-Series Pneumatic Couplings



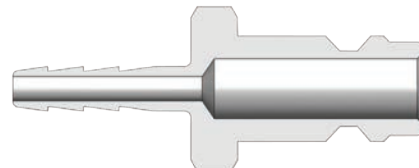
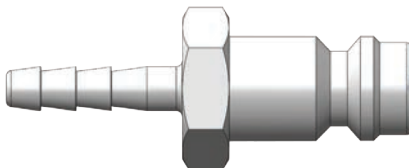
Body Size	BR-Series Rectus 21-Series Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	1BRM1-B-7	1/8" - 27 NPT	brass		1.49	37.8	0.65	16.5	9/16"	0.06	10	100
1/8"	1BRGM1-B-7	1/8" - 28 BSPP	brass		1.49	37.8	0.65	16.5	9/16"	0.06	10	100
1/8"	1BRM2-B-7	1/4" - 18 NPT	brass		1.61	40.9	0.72	18.3	5/8"	0.07	10	100
1/8"	1BRGM2-B-7	1/4" - 19 BSPP	brass		1.61	40.9	0.72	18.3	5/8"	0.07	10	100



Body Size	BR-Series Rectus 21-Series Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	BR1M1-B-E-7	1/8" - 27 NPT	brass		1.06	26.9	0.65	16.5	9/16"	0.03	10	100
1/8"	BR1GM1-B-E-7	1/8" - 28 BSPP	brass		1.06	26.9	0.65	16.5	9/16"	0.03	10	100
1/8"	BR1M2-B-E-7	1/4" - 18 NPT	brass		1.20	30.5	0.72	18.3	5/8"	0.04	10	100
1/8"	BR1GM2-B-E-7	1/4" - 19 BSPP	brass		1.20	30.5	0.72	18.3	5/8"	0.04	10	100



Body Size	BR-Series Rectus 21-Series Interchange Coupler (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	1BRS1.25-B-7	4mm	brass		1.26	32.0	0.35	8.9	9/16"	0.06	10	100
1/8"	1BRS1.86-B-7	6mm	brass		1.26	32.0	0.35	8.9	9/16"	0.08	10	100
1/8"	1BRS2.83-B-7	9mm	brass		1.26	32.0	0.35	8.9	9/16"	0.09	10	100

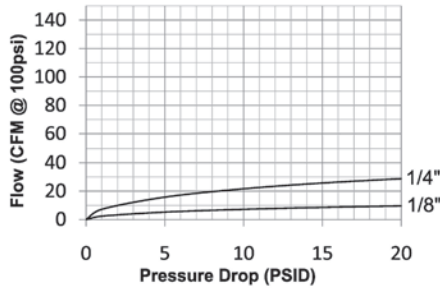


Body Size	BR-Series Rectus 21-Series Interchange Nipple (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	BR1S1.25-B-E-7	4mm	brass		1.26	32.0	0.35	8.9	9/16"	0.03	10	100
1/8"	BR1S1.86-B-E-7	6mm	brass		1.26	32.0	0.35	8.9	9/16"	0.03	10	100
1/8"	BR1S2.83-B-E-7	9mm	brass		1.26	32.0	0.35	8.9	9/16"	0.04	10	100

A-Series Pneumatic Couplings

Interchange Data:

- Dixon Quick Coupling Proprietary Astronautics



Materials:

- Machined components are manufactured using solid steel or brass bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Couplers are constructed of brass with steel valve as standard.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

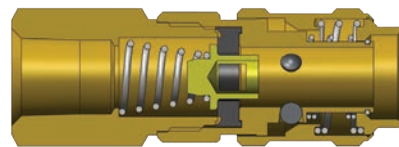
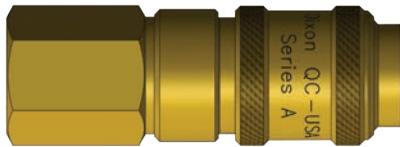
Body Size	A-Series Astronautics High Pressure Pneumatic (Connected)							
	Brass Coupler/Steel Plug				Brass Coupler/Plug			
	Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/8"	1,000	70	18,500	1,275	500	35	15,500	1,070
1/4"	1,000	70	8,000	550	500	35	6,500	450

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 15$ PSI
1/8"	-	-	-	-	3	N/A	N/A	N/R	8.6 CFM
1/4"	-	-	-	-	3	N/A	N/A	N/R	26 CFM

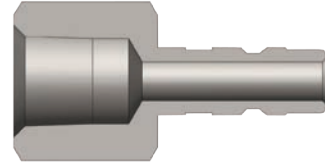
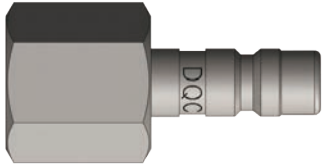
List Price Seal Option Adders:

Body Size	Seal Options				Valve Options						Sleeve Options				Treatments	
	Viton®		EPDM		Unvalved		Brass		303SS		Flanged		Sleeve-Lock		Oxy-Clean	
	Pre	Add \$	Pre	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$
1/8"	F-		P-		-E		-BV		-SV		-FS	N/A	-LS		-C1	
1/4"	F-	N/A	P-	N/A	-E	-3.80	-BV	N/A	-SV	N/A	-FS	N/A	-LS	8.90	-C1	

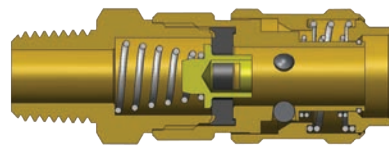
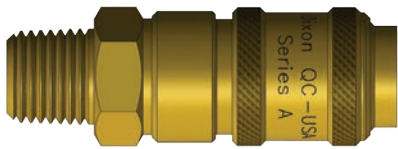


Body Size	A-Series Astronautics High Pressure Pneumatic Coupler (Female Threads)											
	Part Number	Threads	Material		Inch	mm	Inch	mm	Hex Inch	Weight Lb	Package Qty	
											Bag	Box
1/8"	1AF1-B	1/8" - 27 NPTF	brass		1.68	42.7	0.64	16.3	1/2"	0.08	10	100
1/4"	2AF1-B	1/8" - 27 NPTF	brass		2.41	61.2	0.77	19.6	1/2"	0.17	10	100
1/4"	2AF2-B	1/4" - 18 NPTF	brass		2.70	68.6	0.77	19.6	11/16"	0.16	10	100

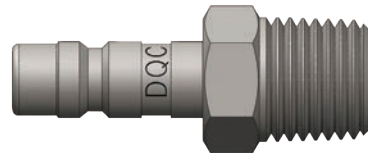
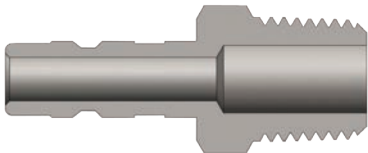
A-Series Pneumatic Couplings



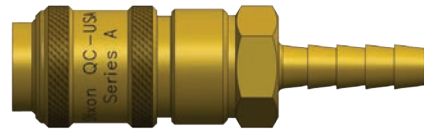
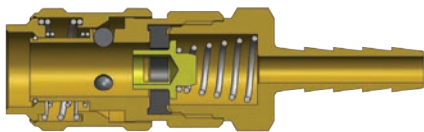
Body Size	A-Series Astronautics High Pressure Pneumatic Nipple (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/8"	A1F1-B	1/8" - 27 NPTF	brass	1.26	32.0	0.58	14.7	1/2"	0.03	10	100	
1/4"	A2F1-B	1/8" - 27 NPTF	brass	1.34	34.0	0.65	16.5	9/16"	0.08	10	100	
1/4"	A2F2	1/4" - 18 NPTF	steel	1.56	39.6	0.79	20.1	11/16"	0.07	10	100	
1/4"	A2F2-B	1/4" - 18 NPTF	brass	1.56	39.6	0.79	20.1	11/16"	0.07	10	100	



Body Size	A-Series Astronautics High Pressure Pneumatic Coupler (Male Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/8"	1AM1-B	1/8" - 27 NPTF	brass	1.75	44.5	0.64	16.3	1/2"	0.08	10	100	
1/4"	2AM1-B	1/8" - 27 NPTF	brass	2.12	53.8	0.77	19.6	11/16"	0.17	10	100	
1/4"	2AM2-B	1/4" - 18 NPTF	brass	2.23	56.6	0.77	19.6	11/16"	0.16	10	100	

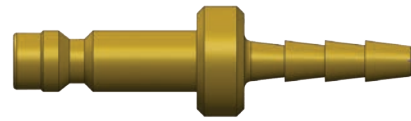
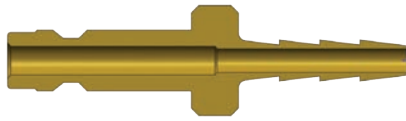


Body Size	A-Series Astronautics High Pressure Pneumatic Nipple (Male Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/8"	A1M1-B	1/8" - 27 NPTF	brass	1.30	33.0	0.51	13.0	7/16"	0.02	10	100	
1/4"	A2M2	1/4" - 18 NPTF	steel	1.59	40.4	0.65	16.5	9/16"	0.03	10	100	
1/4"	A2M2-B	1/4" - 18 NPTF	brass	1.59	40.4	0.65	16.5	9/16"	0.03	10	100	

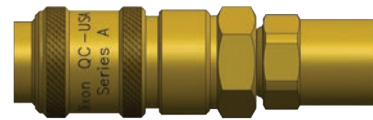
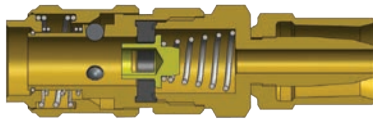


Body Size	A-Series Astronautics High Pressure Pneumatic Coupler (Hose Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/8"	1AS1-B	1/8"	brass	1.98	50.3	0.64	16.3	1/2"	0.07	10	100	
1/4"	2AS2-B	1/4"	brass	2.70	68.6	0.77	19.6	11/16"	0.15	10	100	

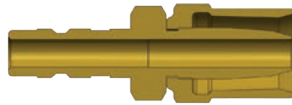
A-Series Pneumatic Couplings



Body Size	A-Series Astronautics High Pressure Pneumatic Nipple (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	A1S1-B	1/8"	brass		1.50	38.1	0.44	11.2	-	0.02	10	100
1/4"	A2S2	1/4"	steel		1.99	50.5	1.01	25.7	-	0.04	10	100

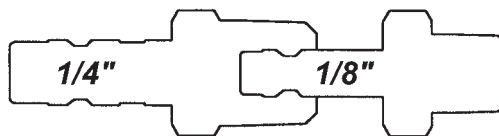


Body Size	A-Series Astronautics High Pressure Coupler (Reusable Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID x OD	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2AE2-B	1/4" x 1/2"	brass		2.62	66.5	0.77	19.6	11/16"	0.17	10	100
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Body Size	A-Series Astronautics High Pressure Nipple (Reusable Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID x OD	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	A2E2	1/4" x 1/2"	steel		1.97	50.0	0.68	17.3	9/16"	0.08	10	100
1/4"	A2E2-B	1/4" x 1/2"	brass		1.97	50.0	0.68	17.3	9/16"	0.08	10	100

A Series Profile



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.



SCV-Series Pneumatic Couplings

Interchange Data:

- Hansen FS-Series

Materials:

- Machined components are manufactured using solid brass bar stock.
- Stainless steel springs and roll-pins maximize corrosion resistance and extend service life.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Features:

- does not prevent backflow
- High flow design results in maximum flow with minimal pressure drop.
- Automatically and instantly protects the operator against hose whip in the event of a damaged hose or coupling.
- In the event of a hose rupture or coupling failure, the valve will automatically reset after the problem is fixed.
- SCV-Series is available in a large selection of sizes ranging from 1/4" to 3", NPTF (BSPP/BSPT threads on request).
- Valve operation is fully compliant with OSHA Safety Regulation 1926.302(b)(7), as shown on page 3.



Not recommended for applications requiring 100% of the available air supply. These applications include, but are not limited to, sand blast equipment, pile driving rigs, and expansion joint blow down pipes. It is recommended to install auxiliary safety devices, including Safety Cables, to ensure optimum safety for the operator in the event of a coupling failure or hose rupture.

Use:

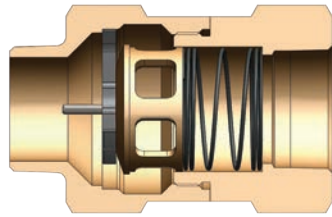
- Safety check valves operate by using the pressure differential across the valve to operate the valve and spring assembly. The pressure differential is directly related to the flow of air (SCFM) through the valve.
- When the pressure differential is within the operating limits - below the cutoff flow - 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 on next page). 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 on next page).
- 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.

Technical Specifications:

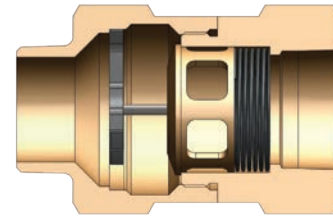
Performance Specifications	Maximum Operating Pressure - Bar (PSI)	Minimum Burst Pressure - Bar (PSI)	Air Flow * 30.5m (100')
1/4"	17 (250)	138 (2,000)	17 SCFM
3/8"	17 (250)	138 (2,000)	41 SCFM
1/2"	17 (250)	138 (2,000)	77 SCFM
3/4"	17 (250)	138 (2,000)	178 SCFM
1"	17 (250)	138 (2,000)	340 SCFM
1-1/4"	17 (250)	138 (2,000)	620 SCFM
1-1/2"	17 (250)	138 (2,000)	940 SCFM
2"	17 (250)	138 (2,000)	1,760 SCFM
2-1/2"	17 (250)	138 (1,500)	2,800 SCFM
3"	17 (250)	138 (1,200)	4,200 SCFM

* Air flow rating is based upon calculated values using unobstructed air flow for the applicable hose size.

SCV-Series Pneumatic Couplings



Open



Closed

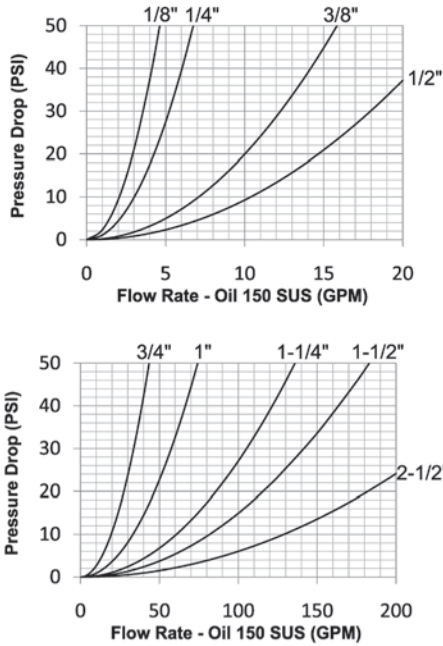
Body Size	SCV-Series Excessive Flow Sensor (Male to Female Threads)							
	Part Detail				Cutoff Flow - SCFM (90 PSI Inlet Pressure)	Weight Lb	Package Qty	
	Part Number	Threads	Material				Bag	Box
1/4"	SCVL2	1/4" - 18 NPTF	brass		23-29	0.13	5	25
3/8"	SCVL3	3/8" - 18 NPTF	brass		30-36	0.19	5	25
3/8"	SCVM3	3/8" - 18 NPTF	brass		39-47	0.19	5	25
3/8"	SCVS3	3/8" - 18 NPTF	brass		52-65	0.19	5	25
1/2"	SCVM4	1/2" - 14 NPTF	brass		70-78	0.50	5	20
1/2"	SCVS4	1/2" - 14 NPTF	brass		80-96	0.50	5	20
3/4"	SCVL6	3/4" - 14 NPTF	brass		72-88	0.81	-	10
3/4"	SCVM6	3/4" - 14 NPTF	brass		92-108	0.81	-	10
3/4"	SCVR6	3/4" - 14 NPTF	brass		112-128	0.81	-	10
3/4"	SCVJ6	3/4" - 14 NPTF	brass		132-148	0.81	-	10
3/4"	SCVS6	3/4" - 14 NPTF	brass		160-180	0.81	-	10
3/4"	SCVH6	3/4" - 14 NPTF	brass		180-200	0.81	-	10
1"	SCVL8	1" - 11 1/2 NPTF	brass		165-195	1.50	-	5
1"	SCVM8	1" - 11 1/2 NPTF	brass		220-260	1.50	-	5
1"	SCVS8	1" - 11 1/2 NPTF	brass		280-320	1.50	-	5
1"	SCVH8	1" - 11 1/2 NPTF	brass		310-340	1.50	-	5
1-1/4"	SCVL10	1-1/4" - 11 1/2 NPTF	brass		260-290	2.19	-	5
1-1/4"	SCVM10	1-1/4" - 11 1/2 NPTF	brass		300-340	2.19	-	5
1-1/4"	SCVS10	1-1/4" - 11 1/2 NPTF	brass		440-500	2.19	-	5
1-1/4"	SCVH10	1-1/4" - 11 1/2 NPTF	brass		570-630	2.19	-	5
1-1/2"	SCVL12	1-1/2" - 11 1/2 NPTF	brass		300-360	5.00	-	1
1-1/2"	SCVM12	1-1/2" - 11 1/2 NPTF	brass		470-530	5.00	-	1
1-1/2"	SCVX12	1-1/2" - 11 1/2 NPTF	brass		564-602	5.00	-	1
1-1/2"	SCVS12	1-1/2" - 11 1/2 NPTF	brass		640-720	5.00	-	1
1-1/2"	SCVH12	1-1/2" - 11 1/2 NPTF	brass		750-830	5.00	-	1
2"	SCVL16	2" - 11 1/2 NPTF	brass		510-590	8.13	-	1
2"	SCVM16	2" - 11 1/2 NPTF	brass		725-825	8.13	-	1
2"	SCVS16	2" - 11 1/2 NPTF	brass		900-1050	8.13	-	1
2"	SCVH16	2" - 11 1/2 NPTF	brass		1100-1200	8.13	-	1
3"	SCVL24	3" - 11 1/2 NPTF	brass		1200-1400	11.60	-	1
3"	SCVS24	3" - 11 1/2 NPTF	brass		2400-2700	11.60	-	1
3"	SCVH24	3" - 11 1/2 NPTF	brass		2850-3050	11.60	-	1

Contact Factory for cut-off flow values at other inlet pressures.

H-Series Hydraulic Couplings

Interchange Data:

- Interchangeable to ISO7241 Series 'B'
- Parker 60-Series, Snap-Tite 72-Series, Hansen HK-Series, Faster Series 'HNV' Aeroquip/Eaton FD45, Stucchi Series IRB/IRBO/IRBX



Materials:

- Machined components are manufactured using solid steel, brass, 303 stainless steel or 316 stainless steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Steel nipples are hardened to provide heavy duty performance and resist brinelling.

Seal Components:

- Nitrile (Buna-N) seals are standard providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- 1/8" to 1" steel and stainless couplers have a PTFE anti-extrusion ring.
- 1/8" to 2-1/2" brass couplers have a redundant O-Ring sealing system (dual O-Rings/no PTFE back-up ring)
- 1-1/4" to 2-1/2" steel and stainless couplers have a redundant o-ring sealing system (dual O-Rings/no PTFE back-up ring)
- Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection.

Rated Pressure Chart:

Body Size	H-Series ISO-B Interchange (Connected)															
	Steel Coupler/Plug				Brass Coupler/Plug				303 Stainless Coupler/Plug				316 Stainless Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/8"	4,000	275	14,500	1,000	3,000	200	16,500	1,100	3,500	240	29,500	2,000	3,500	240	29,500	2,000
1/4"	5,000	345	22,500	1,550	3,000	200	15,000	1,000	3,500	240	31,500	2,150	3,500	240	33,000	2,200
3/8"	4,000	275	16,500	1,150	2,500	175	12,000	800	3,500	240	26,500	1,800	3,500	240	28,000	1,900
1/2"	4,000	275	16,000	1,100	2,500	175	11,500	750	3,500	240	27,500	1,900	3,500	240	22,000	1,500
3/4"	4,000	275	16,500	1,150	2,000	138	12,000	800	3,000	200	16,000	1,100	3,000	200	21,500	1,450
1"	4,000	275	16,000	1,100	1,500	100	8,500	600	2,000	138	15,000	1,000	2,000	138	15,000	1,000
1-1/4"	2,500	170	10,000	700	1,000	70	6,500	450	2,000	138	10,000	700	1,000	70	8,500	580
1-1/2"	2,500	170	12,500	850	1,000	70	6,500	450	1,500	100	8,500	580	1,000	70	7,000	480
2-1/2"	1,500	100	6,000	400	700	50	5,500	380	1,000	70	6,500	450	900	62	6,000	400

H-Series Hydraulic Couplings

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow ΔP = 22 PSI
1/8"	-	-	ISO7241 'B'	B93.113M-B	8	0.6cc	0.3cc	27.4	3.1 GPM
1/4"	-	-	ISO7241 'B'	B93.113M-B	8	1.1cc	0.9cc	27.4	4.5 GPM
3/8"	-	-	ISO7241 'B'	B93.113M-B	9	2.6cc	1.8cc	27.4	10 GPM
1/2"	-	-	ISO7241 'B'	B93.113M-B	9	3.8cc	2.9cc	27.4	15 GPM
3/4"	-	-	ISO7241 'B'	B93.113M-B	12	10.8cc	9.7cc	27.4	29 GPM
1"	-	-	ISO7241 'B'	B93.113M-B	12	15.9cc	15.3cc	27.4	50 GPM
1-1/4"	-	-	ISO7241 'B'	B93.113M-B	12	30.0cc	45.0cc	N/R	90 GPM
1-1/2"	-	-	ISO7241 'B'	B93.113M-B	12	60.0cc	75.0cc	N/R	120 GPM
2-1/2"	-	-	ISO7241 'B'	B93.113M-B	15	N/A	N/A	N/R	195 GPM

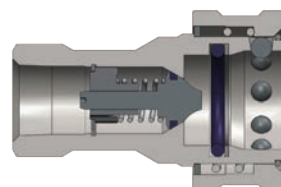
List Price Seal Option Adders:

Body Size	Standard Seal Options														Kalrez® Seal Options							
	Viton®		EPDM		Steam-EP		FDA Viton®		Mil-Nitrile		Fuel Nitrile		PTFE		Silicone		4079		6375		7075	
	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$
1/8"	F-	\$.00	P-	\$2.60	PS-	N/A	D-	N/A	M-	N/A	JF-	N/A	TS-	N/A	S-	N/A	K4-	POR	K6-	POR	K7-	POR
1/4"	F-	.00	P-	3.00	PS-	\$3.25	D-	\$3.00	M-	\$2.50	JF-	\$2.90	TS-	POR	S-	\$3.10	K4-	POR	K6-	POR	K7-	POR
3/8"	F-	.00	P-	3.50	PS-	4.00	D-	3.50	M-	2.90	JF-	3.70	TS-	POR	S-	3.80	K4-	POR	K6-	POR	K7-	POR
1/2"	F-	.00	P-	4.00	PS-	4.40	D-	4.00	M-	3.60	JF-	3.80	TS-	POR	S-	4.30	K4-	POR	K6-	POR	K7-	POR
3/4"	F-	.00	P-	6.20	PS-	6.30	D-	6.20	M-	5.20	JF-	5.80	TS-	POR	S-	6.00	K4-	POR	K6-	POR	K7-	POR
1"	F-	.00	P-	7.60	PS-	8.00	D-	7.60	M-	6.80	JF-	6.90	TS-	POR	S-	7.60	K4-	POR	K6-	POR	K7-	POR
1 1/4"	F-	.00	P-	10.00	PS-	11.00	D-	10.00	M-	8.75	JF-	9.50	TS-	N/A	S-	10.00	K4-	POR	K6-	POR	K7-	POR
1 1/2"	F-	.00	P-	14.00	PS-	20.00	D-	14.00	M-	12.00	JF-	16.40	TS-	N/A	S-	15.00	K4-	POR	K6-	POR	K7-	POR
2 1/2"	F-	N/A	P-	N/A	PS-	N/A	D-	N/A	M-	N/A	JF-	N/A	TS-	N/A	S-	N/A	K4-	N/A	K6-	N/A	K7-	N/A

List Price Option Adders:

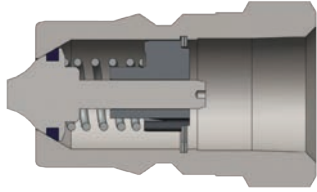
Body Size	Valve Options										Sleeve Options						Treatments				
	Unvalved		Actuator		Steel		Brass		303 SS		316 SS		Sleeve-Lock		Flanged		Sil-Flange		Oxy-Clean		
	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf
1/8"	-E	-\$1.50	-VA	N/A	-ZV	\$.00	-BV	\$.00	-SV	N/A	SSV	N/A	-LS	\$4.80	-FS	N/A	FSB	NA	-C1	\$12.00	
1/4"	-E	-1.50	-VA	\$4.00	-ZV	.00	-BV	.00	-SV	\$1.85	SSV	\$2.60	-LS	4.80	-FS	\$6.20	FSB	NA	-C1	12.00	
3/8"	-E	-2.30	-VA	4.30	-ZV	.00	-BV	.00	-SV	2.45	SSV	2.70	-LS	4.80	-FS	7.30	FSB	NA	-C1	12.00	
1/2"	-E	-4.60	-VA	6.20	-ZV	.00	-BV	.00	-SV	4.30	SSV	4.80	-LS	4.80	-FS	8.20	FSB	\$11.90	-C1	14.00	
3/4"	-E	-5.80	-VA	8.00	-ZV	.00	-BV	.00	-SV	5.65	SSV	6.00	-LS	6.00	-FS	9.10	FSB	NA	-C1	14.00	
1"	-E	-8.50	-VA	12.00	-ZV	.00	-BV	.00	-SV	7.50	SSV	8.80	-LS	9.80	-FS	11.60	FSB	NA	-C1	16.00	
1 1/4"	-E	-26.00	-VA	N/A	-ZV	.00	-BV	.00	-SV	27.50	SSV	32.55	-LS	10.50	-FS	N/A	FSB	NA	-C1	20.00	
1 1/2"	-E	-31.50	-VA	N/A	-ZV	.00	-BV	.00	-SV	36.60	SSV	38.20	-LS	10.50	-FS	N/A	FSB	NA	-C1	20.00	
2 1/2"	-E	N/A	-VA	N/A	-ZV	N/A	-BV	N/A	-SV	N/A	SSV	N/A	-LS	N/A	-FS	N/A	FSB	NA	-C1	N/A	

H-Series Hydraulic Couplings



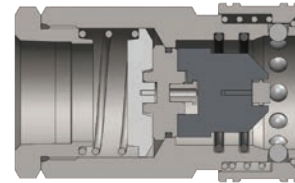
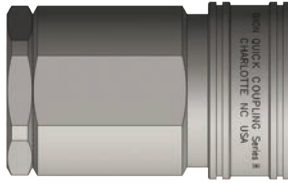
Body Size	H-Series ISO-B Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	1HF1	1/8" - 27 NPTF	steel		1.90	48.3	0.93	23.6	9/16"	0.16	10	100
1/8"	1HF1-B	1/8" - 27 NPTF	brass		1.90	48.3	0.93	23.6	9/16"	0.16	10	100
1/8"	1HF1-S	1/8" - 27 NPTF	303 stainless		1.90	48.3	0.93	23.6	9/16"	0.16	10	100
1/8"	1HF1-SS	1/8" - 27 NPTF	316 stainless		1.90	48.3	0.93	23.6	9/16"	0.16	10	100
1/8"	1HOF2	7/16" - 20 ORB	steel		1.90	48.3	0.93	23.6	9/16"	0.16	10	100
1/4"	2HF2	1/4" - 18 NPTF	steel		2.26	57.4	1.12	28.4	7/8"	0.30	10	50
1/4"	2HF2-B	1/4" - 18 NPTF	brass		2.26	57.4	1.12	28.4	7/8"	0.32	10	50
1/4"	2HF2-S	1/4" - 18 NPTF	303 stainless		2.26	57.4	1.12	28.4	7/8"	0.30	10	50
1/4"	2HF2-SS	1/4" - 18 NPTF	316 stainless		2.26	57.4	1.12	28.4	3/4"	0.30	10	50
1/4"	2HBF2	1/4" - 19 BSPP	steel		2.26	57.4	1.12	28.4	7/8"	0.30	10	50
1/4"	2HBF2-B	1/4" - 19 BSPP	brass		2.26	57.4	1.12	28.4	7/8"	0.32	10	50
1/4"	2HBF2-S	1/4" - 19 BSPP	303 stainless		2.26	57.4	1.12	28.4	7/8"	0.30	10	50
1/4"	2HBF2-SS	1/4" - 19 BSPP	316 stainless		2.26	57.4	1.12	28.4	3/4"	0.30	10	50
1/4"	2HOF3	9/16" - 18 ORB	steel		2.26	57.4	1.12	28.4	13/16"	0.31	10	50
3/8"	3HF3	3/8" - 18 NPTF	steel		2.51	63.8	1.42	36.1	1-1/16"	0.40	10	50
3/8"	3HF3-B	3/8" - 18 NPTF	brass		2.51	63.8	1.42	36.1	1-1/16"	0.43	10	50
3/8"	3HF3-S	3/8" - 18 NPTF	303 stainless		2.51	63.8	1.42	36.1	1-1/16"	0.40	10	50
3/8"	3HF3-SS	3/8" - 18 NPTF	316 stainless		2.51	63.8	1.42	36.1	7/8"	0.40	10	50
3/8"	3HBF3	3/8" - 19 BSPP	steel		2.51	63.8	1.42	36.1	1-1/16"	0.40	10	50
3/8"	3HBF3-B	3/8" - 19 BSPP	brass		2.51	63.8	1.42	36.1	1-1/16"	0.43	10	50
3/8"	3HBF3-S	3/8" - 19 BSPP	303 stainless		2.51	63.8	1.42	36.1	1-1/16"	0.40	10	50
3/8"	3HBF3-SS	3/8" - 19 BSPP	316 stainless		2.51	63.8	1.42	36.1	7/8"	0.40	10	50
3/8"	3HOF4	3/4" - 16 ORB	steel		2.51	63.8	1.42	36.1	1"	0.51	10	50
1/2"	4HF4	1/2" - 14 NPTF	steel		2.86	72.6	1.86	47.2	1-5/16"	0.73	5	25
1/2"	4HF4-B	1/2" - 14 NPTF	brass		2.86	72.6	1.86	47.2	1-5/16"	0.80	5	25
1/2"	4HF4-S	1/2" - 14 NPTF	303 stainless		2.86	72.6	1.86	47.2	1-5/16"	0.75	5	25
1/2"	4HF4-SS	1/2" - 14 NPTF	316 stainless		2.86	72.6	1.86	47.2	1-1/16"	0.76	5	25
1/2"	4HBF4	1/2" - 14 BSPP	steel		2.86	72.6	1.86	47.2	1-5/16"	0.73	5	25
1/2"	4HBF4-B	1/2" - 14 BSPP	brass		2.86	72.6	1.86	47.2	1-5/16"	0.80	5	25
1/2"	4HBF4-S	1/2" - 14 BSPP	303 stainless		2.86	72.6	1.86	47.2	1-5/16"	0.75	5	25
1/2"	4HBF4-SS	1/2" - 14 BSPP	316 stainless		2.86	72.6	1.86	47.2	1-1/16"	0.76	5	25
1/2"	4HOF5	7/8" - 14 ORB	steel		2.86	72.6	1.86	47.2	1-1/8"	0.78	5	25
3/4"	6HF6	3/4" - 14 NPTF	steel		3.55	90.2	2.22	56.4	1-5/16"	1.30	-	10
3/4"	6HF6-B	3/4" - 14 NPTF	brass		3.55	90.2	2.22	56.4	1-5/16"	1.36	-	10
3/4"	6HF6-S	3/4" - 14 NPTF	303 stainless		3.55	90.2	2.22	56.4	1-5/16"	1.31	-	10
3/4"	6HF6-SS	3/4" - 14 NPTF	316 stainless		3.55	90.2	2.22	56.4	1-5/16"	1.33	-	10
3/4"	6HBF6	3/4" - 14 BSPP	steel		3.55	90.2	2.22	56.4	1-5/16"	1.30	-	10
3/4"	6HBF6-B	3/4" - 14 BSPP	brass		3.55	90.2	2.22	56.4	1-5/16"	1.36	-	10
3/4"	6HBF6-S	3/4" - 14 BSPP	303 stainless		3.55	90.2	2.22	56.4	1-5/16"	1.31	-	10
3/4"	6HBF6-SS	3/4" - 14 BSPP	316 stainless		3.55	90.2	2.22	56.4	1-5/16"	1.33	-	10
3/4"	6HOF6	1-1/16" - 12 ORB	steel		3.55	90.2	2.22	56.4	1-5/16"	1.39	-	10
1"	8HF8	1" - 11 1/2 NPTF	steel		4.13	104.9	2.49	63.2	1-5/8"	1.95	-	10
1"	8HF8-B	1" - 11 1/2 NPTF	brass		4.13	104.9	2.49	63.2	1-5/8"	1.99	-	10
1"	8HF8-S	1" - 11 1/2 NPTF	303 stainless		4.13	104.9	2.49	63.2	1-5/8"	1.95	-	10
1"	8HF8-SS	1" - 11 1/2 NPTF	316 stainless		4.13	104.9	2.49	63.2	1-5/8"	1.95	-	10
1"	8HBF8	1" - 11 BSPP	steel		4.13	104.9	2.49	63.2	1-5/8"	1.95	-	10
1"	8HBF8-B	1" - 11 BSPP	brass		4.13	104.9	2.49	63.2	1-5/8"	1.99	-	10
1"	8HBF8-S	1" - 11 BSPP	303 stainless		4.13	104.9	2.49	63.2	1-5/8"	1.95	-	10
1"	8HBF8-SS	1" - 11 BSPP	316 stainless		4.13	104.9	2.49	63.2	1-5/8"	1.95	-	10
1"	8HOF8	1-5/16" - 12 ORB	steel		4.13	104.9	2.49	63.2	1-5/8"	1.95	-	10

H-Series Hydraulic Couplings



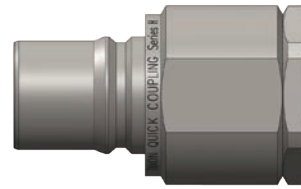
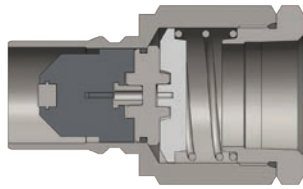
Body Size	H-Series ISO-B Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	H1F1	1/8" - 27 NPTF	steel		1.28	32.5	0.65	16.5	9/16"	0.03	10	100
1/8"	H1F1-B	1/8" - 27 NPTF	brass		1.28	32.5	0.65	16.5	9/16"	0.04	10	100
1/8"	H1F1-S	1/8" - 27 NPTF	303 stainless		1.28	32.5	0.65	16.5	9/16"	0.03	10	100
1/8"	H1F1-SS	1/8" - 27 NPTF	316 stainless		1.28	32.5	0.65	16.5	9/16"	0.03	10	100
1/8"	H1OF2	7/16" - 20 ORB	steel		1.28	32.5	0.65	16.5	9/16"	0.05	10	100
1/4"	H2F2	1/4" - 18 NPTF	steel		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	H2F2-B	1/4" - 18 NPTF	brass		1.55	39.4	0.83	21.1	3/4"	0.09	10	50
1/4"	H2F2-S	1/4" - 18 NPTF	303 stainless		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	H2F2-SS	1/4" - 18 NPTF	316 stainless		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	H2BF2	1/4" - 19 BSPP	steel		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	H2BF2-B	1/4" - 19 BSPP	brass		1.55	39.4	0.83	21.1	3/4"	0.09	10	50
1/4"	H2BF2-S	1/4" - 19 BSPP	303 stainless		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	H2BF2-SS	1/4" - 19 BSPP	316 stainless		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	H2OF3	9/16" - 18 ORB	steel		1.61	40.9	0.90	22.9	13/16"	0.10	10	50
3/8"	H3F3	3/8" - 18 NPTF	steel		1.70	43.2	0.97	24.6	7/8"	0.12	10	50
3/8"	H3F3-B	3/8" - 18 NPTF	brass		1.70	43.2	0.97	24.6	7/8"	0.10	10	50
3/8"	H3F3-S	3/8" - 18 NPTF	303 stainless		1.70	43.2	0.97	24.6	7/8"	0.12	10	50
3/8"	H3F3-SS	3/8" - 18 NPTF	316 stainless		1.70	43.2	0.97	24.6	7/8"	0.12	10	50
3/8"	H3BF3	3/8" - 19 BSPP	steel		1.70	43.2	0.97	24.6	7/8"	0.12	10	50
3/8"	H3BF3-B	3/8" - 19 BSPP	brass		1.70	43.2	0.97	24.6	7/8"	0.10	10	50
3/8"	H3BF3-S	3/8" - 19 BSPP	303 stainless		1.70	43.2	0.97	24.6	7/8"	0.12	10	50
3/8"	H3BF3-SS	3/8" - 19 BSPP	316 stainless		1.70	43.2	0.97	24.6	7/8"	0.12	10	50
3/8"	H3OF4	3/4" - 16 ORB	steel		1.79	45.5	1.10	27.9	1"	0.16	10	50
1/2"	H4F4	1/2" - 14 NPTF	steel		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	H4F4-B	1/2" - 14 NPTF	brass		1.94	49.3	1.17	29.7	1-1/16"	0.25	5	25
1/2"	H4F4-S	1/2" - 14 NPTF	303 stainless		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	H4F4-SS	1/2" - 14 NPTF	316 stainless		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	H4BF4	1/2" - 14 BSPP	steel		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	H4BF4-B	1/2" - 14 BSPP	brass		1.94	49.3	1.17	29.7	1-1/16"	0.25	5	25
1/2"	H4BF4-S	1/2" - 14 BSPP	303 stainless		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	H4BF4-SS	1/2" - 14 BSPP	316 stainless		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	H4OF5	7/8" - 14 ORB	steel		1.94	49.3	1.24	31.5	1-1/8"	0.27	5	25
3/4"	H6F6	3/4" - 14 NPTF	steel		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	H6F6-B	3/4" - 14 NPTF	brass		2.41	61.2	1.44	36.6	1-5/16"	0.50	-	10
3/4"	H6F6-S	3/4" - 14 NPTF	303 stainless		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	H6F6-SS	3/4" - 14 NPTF	316 stainless		2.41	61.2	1.44	36.6	1-5/16"	0.45	-	10
3/4"	H6BF6	3/4" - 14 BSPP	steel		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	H6BF6-B	3/4" - 14 BSPP	brass		2.41	61.2	1.44	36.6	1-5/16"	0.50	-	10
3/4"	H6BF6-S	3/4" - 14 BSPP	303 stainless		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	H6BF6-SS	3/4" - 14 BSPP	316 stainless		2.41	61.2	1.44	36.6	1-5/16"	0.45	-	10
3/4"	H6OF6	1-1/16" - 12 ORB	steel		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
1"	H8F8	1" - 11 1/2 NPTF	steel		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	H8F8-B	1" - 11 1/2 NPTF	brass		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	H8F8-S	1" - 11 1/2 NPTF	303 stainless		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	H8F8-SS	1" - 11 1/2 NPTF	316 stainless		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	H8BF8	1" - 11 BSPP	steel		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	H8BF8-B	1" - 11 BSPP	brass		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	H8BF8-S	1" - 11 BSPP	303 stainless		2.87	72.9	1.79	45.5	1-5/8"	0.77	-	10
1"	H8BF8-SS	1" - 11 BSPP	316 stainless		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	H8OF8	1-5/16" - 12 ORB	steel		2.87	72.9	1.79	45.5	1-5/8"	0.80	-	10

H-Series Hydraulic Couplings

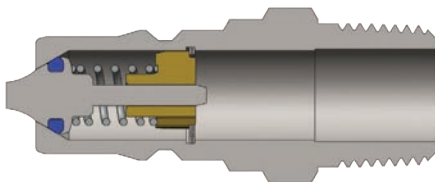


Body Size	H-Series ISO-B High Volume Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1-1/4"	10HF10	1-1/4" - 11 1/2 NPTF	steel		4.50	114.3	2.60	66.0	2-3/8"	3.50	-	1
1-1/4"	10HF10-B	1-1/4" - 11 1/2 NPTF	brass		4.50	114.3	2.60	66.0	2-3/8"	3.50	-	1
1-1/4"	10HF10-S	1-1/4" - 11 1/2 NPTF	303 stainless		4.50	114.3	2.60	66.0	2-3/8"	3.51	-	1
1-1/4"	10HBF10	1-1/4" - 11 BSPP	steel		4.50	114.3	2.60	66.0	2-3/8"	3.50	-	1
1-1/2"	12HF10	1-1/4" - 11 1/2 NPTF	steel		4.81	122.2	3.00	76.2	2-5/8"	4.70	-	1
1-1/2"	12HF10-B	1-1/4" - 11 1/2 NPTF	brass		4.81	122.2	3.00	76.2	2-5/8"	4.68	-	1
1-1/2"	12HF10-S	1-1/4" - 11 1/2 NPTF	303 stainless		4.81	122.2	3.00	76.2	2-5/8"	4.68	-	1
1-1/2"	12HOF10	1-5/8" - 12 ORB	steel		4.81	122.2	3.00	76.2	2-5/8"	4.72	-	1
1-1/2"	12HF12	1-1/2" - 11 1/2 NPTF	steel		4.81	122.2	3.00	76.2	2-5/8"	4.70	-	1
1-1/2"	12HF12-B	1-1/2" - 11 1/2 NPTF	brass		4.81	122.2	3.00	76.2	2-5/8"	4.58	-	1
1-1/2"	12HF12-S	1-1/2" - 11 1/2 NPTF	303 stainless		4.81	122.2	3.00	76.2	2-5/8"	4.68	-	1
1-1/2"	12HF12-SS	1-1/2" - 11 1/2 NPTF	316 stainless		4.81	122.2	3.00	76.2	2-5/8"	4.68	-	1
1-1/2"	12HBF12	1-1/2" - 11 BSPP	steel		4.81	122.2	3.00	76.2	2-5/8"	4.70	-	1
1-1/2"	12HBF12-B	1-1/2" - 11 BSPP	brass		4.81	122.2	3.00	76.2	2-5/8"	4.58	-	1
1-1/2"	12HBF12-S	1-1/2" - 11 BSPP	303 stainless		4.81	122.2	3.00	76.2	2-5/8"	4.68	-	1
1-1/2"	12HBF12-SS	1-1/2" - 11 BSPP	316 stainless		4.81	122.2	3.00	76.2	2-5/8"	4.68	-	1
1-1/2"	12HOF12	1-7/8" - 12 ORB	steel		4.81	122.2	3.00	76.2	2-5/8"	4.72	-	1
2-1/2"	20HF16	2" - 11 1/2 NPTF	steel		5.57	141.5	4.10	104.1	3-3/4"	11.03	-	1
2-1/2"	20HF16-B	2" - 11 1/2 NPTF	brass		5.57	141.5	4.10	104.1	3-3/4"	11.09	-	1
2-1/2"	20HF20	2 1/2" - 8 NPTF	steel		6.04	153.4	4.10	104.1	3-3/4"	11.13	-	1
2-1/2"	20HF24	3" - 8 NPTF	steel		6.96	176.8	4.35	110.5	4"	11.51	-	1

H-Series Hydraulic Couplings

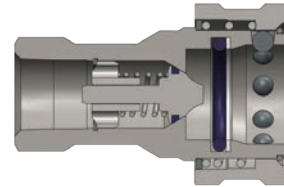


Body Size	H-Series ISO-B High Volume Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1-1/4"	H10F10	1-1/4" - 11 1/2 NPTF	steel		4.25	108.0	2.60	66.0	2-3/8"	2.19	-	1
1-1/4"	H10F10-B	1-1/4" - 11 1/2 NPTF	brass		4.25	108.0	2.60	66.0	2-3/8"	2.19	-	1
1-1/4"	H10F10-S	1-1/4" - 11 1/2 NPTF	303 stainless		4.25	108.0	2.60	66.0	2-3/8"	2.19	-	1
1-1/4"	H10BF10	1-1/4" - 11 BSPP	steel		4.25	108.0	2.60	66.0	2-3/8"	2.19	-	1
1-1/2"	H12F10	1-1/4" - 11 1/2 NPTF	steel		4.76	120.9	2.88	73.2	2-5/8"	3.10	-	1
1-1/2"	H12F10-B	1-1/4" - 11 1/2 NPTF	brass		4.76	120.9	2.88	73.2	2-5/8"	3.10	-	1
1-1/2"	H12F10-S	1-1/4" - 11 1/2 NPTF	303 stainless		4.76	120.9	2.88	73.2	2-5/8"	3.10	-	1
1-1/2"	H12OF10	1-5/8" - 12 ORB	steel		4.76	120.9	2.88	73.2	2-5/8"	3.15	-	1
1-1/2"	H12F12	1-1/2" - 11 1/2 NPTF	steel		4.76	120.9	2.88	73.2	2-5/8"	3.10	-	1
1-1/2"	H12F12-B	1-1/2" - 11 1/2 NPTF	brass		4.76	120.9	2.88	73.2	2-5/8"	2.96	-	1
1-1/2"	H12F12-S	1-1/2" - 11 1/2 NPTF	303 stainless		4.76	120.9	2.88	73.2	2-5/8"	3.06	-	1
1-1/2"	H12F12-SS	1-1/2" - 11 1/2 NPTF	316 stainless		4.76	120.9	2.88	73.2	2-5/8"	3.05	-	1
1-1/2"	H12BF12	1-1/2" - 11 BSPP	steel		4.76	120.9	2.88	73.2	2-5/8"	3.10	-	1
1-1/2"	H12BF12-B	1-1/2" - 11 BSPP	brass		4.76	120.9	2.88	73.2	2-5/8"	2.96	-	1
1-1/2"	H12BF12-S	1-1/2" - 11 BSPP	303 stainless		4.76	120.9	2.88	73.2	2-5/8"	3.06	-	1
1-1/2"	H12BF12-SS	1-1/2" - 11 BSPP	316 stainless		4.76	120.9	2.88	73.2	2-5/8"	3.05	-	1
1-1/2"	H12OF12	1-7/8" - 12 ORB	steel		4.76	120.9	2.88	73.2	2-5/8"	3.15	-	1
2-1/2"	H20F16	2" - 11 1/2 NPTF	steel		5.48	139.2	4.10	104.1	3-3/4"	7.34	-	1
2-1/2"	H20F16-B	2" - 11 1/2 NPTF	brass		5.48	139.2	4.10	104.1	3-3/4"	7.35	-	1
2-1/2"	H20F20	2-1/2" - 8 NPTF	steel		5.95	151.1	4.10	104.1	3-3/4"	7.22	-	1
2-1/2"	H20F24	3" - 8 NPTF	steel		6.87	174.5	4.35	110.5	4"	7.56	-	1

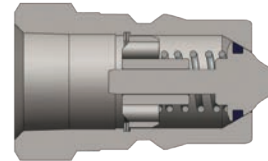


Body Size	H-Series ISO-B Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	H2M3	3/8" - 18 NPTF	steel		2.03	51.6	0.83	21.1	3/4"	0.09	1	50
1/2"	H4M6-S	3/4" - 14 NPTF	303 stainless		2.13	58.7	1.17	29.7	1-1/16"	0.50	-	10

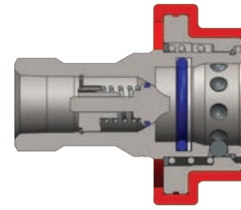
H-Series Hydraulic Couplings



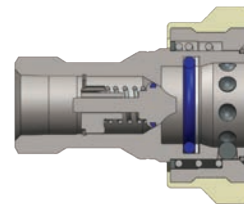
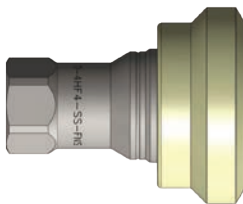
Body Size	H-Series ISO-B Steel Mill 'Slide Gate' Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	4HF4-HV	1/2" - 14 NPTF	steel		2.86	72.6	1.86	47.2	1-1/16"	0.80	5	25



Body Size	H-Series ISO-B Steel Mill 'Slide Gate' Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	H4F4-HV	1/2" - 14 NPTF	steel		1.94	49.3	1.17	29.7	1-1/16"	0.28	5	25

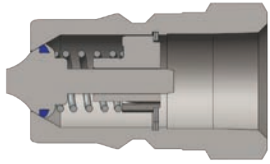


Body Size	H-Series ISO-B Food Grade Silicone Flanged Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	D-4HF4-S-FSB	1/2" - 14 NPTF	303 stainless		2.86	72.6	2.52	64.0	1-1/16"	0.75	5	25
1/2"	D-4HF4-SS-FSB	1/2" - 14 NPTF	316 stainless		2.86	72.6	2.52	64.0	1-1/16"	0.75	5	25



Body Size	H-Series ISO-B Food Grade Nylon Flanged Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	D-4HF4-S-FNS	1/2" - 14 NPTF	303 stainless		2.86	72.6	2.38	60.5	1-1/16"	0.75	5	25
1/2"	D-4HF4-SS-FNS	1/2" - 14 NPTF	316 stainless		2.86	72.6	2.38	60.5	1-1/16"	0.75	5	25

H-Series Hydraulic Couplings

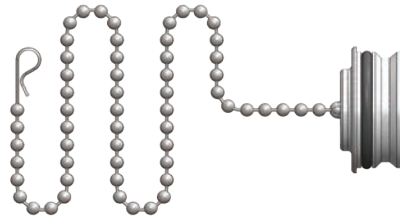


Body Size	H-Series ISO-B Food Grade Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	D-H4F4-SV-8	1/2" - 14 NPTF	steel		1.94	49.3	1.17	29.7	1-1/16"	0.20	5	25
1/2"	D-H4F4-S	1/2" - 14 NPTF	303 stainless		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	D-H4F4-SS	1/2" - 14 NPTF	316 stainless		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25

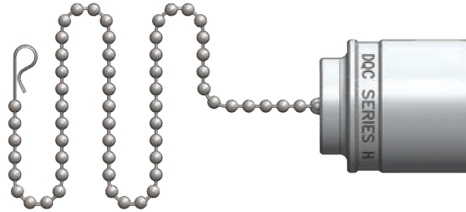


Body Size	H-Series ISO-B Interchange Dust Caps and Plugs					
	Part Detail				Package Qty	
	Coupler Dust Plug	Nipple Dust Cap	Material		Bag	Box
1/8"	1HDP	H1DC	Nitrile		10	100
1/4"	2HDP-H2DC	2HDP-H2DC	Nitrile		10	50
3/8"	3HDP-H3DC	3HDP-H3DC	Nitrile		10	50
1/2"	4HDP-H4DC	4HDP-H4DC	Nitrile		10	50
3/4"	6HDP-H6DC	6HDP-H6DC	Nitrile		5	25
1"	8HDP-H8DC	8HDP-H8DC	Nitrile		5	25
1-1/4"	8HDP-H8DC	8HDP-H8DC	Nitrile		5	25

H-Series Hydraulic Couplings

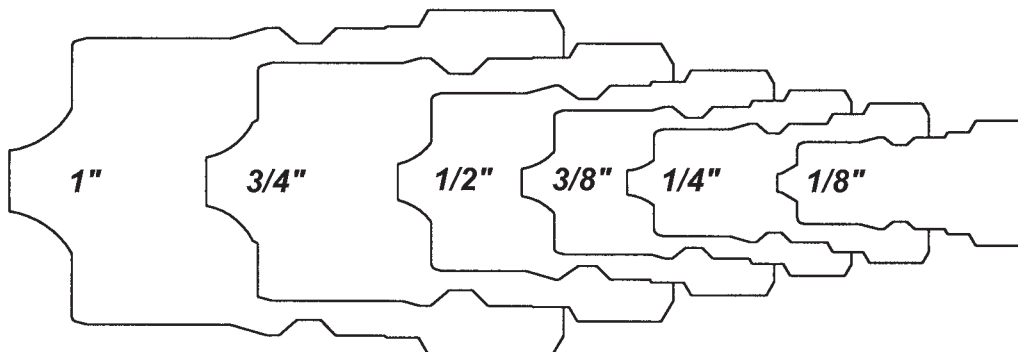


Body Size	H-Series ISO-B Interchange Coupler Rigid Dust Plug						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
1/4"	2HDP-A	SS bead chain	aluminum	0.02	10	50	
3/8"	3HDP-A	SS bead chain	aluminum	0.02	10	50	
1/2"	4HDP-A	SS bead chain	aluminum	0.03	10	50	
3/4"	6HDP-A	SS bead chain	aluminum	0.09	5	25	
1"	8HDP-A	SS bead chain	aluminum	0.14	5	25	
1-1/2"	12HDP-A	SS bead chain	aluminum	0.29	5	25	
2-1/2"	20HDP-A	SS chain	aluminum	0.42	-	10	



Body Size	H-Series ISO-B Interchange Nipple Rigid Dust Cap						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
1/4"	H2DC-A	SS bead chain	aluminum	0.03	10	50	
3/8"	H3DC-A	SS bead chain	aluminum	0.07	10	50	
1/2"	H4DC-A	SS bead chain	aluminum	0.13	10	50	
3/4"	H6DC-A	SS bead chain	aluminum	0.19	5	25	
1"	H8DC-A	SS bead chain	aluminum	0.26	5	25	
1-1/2"	H12DC-A	SS bead chain	aluminum	0.25	5	25	
2-1/2"	H20DC-A	SS chain	aluminum	0.40	-	10	

H Series Profile



H-Series Hydraulic Couplings

Body Size	H-Series ISO-B Coupler Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
1/8"	1H-SKIT	steel, 303 SS, 316 SS	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/8"	1H-BSKIT	brass	Nitrile		Two O-Rings	25	200
1/8"	F-1H-SKIT	steel, 303 SS, 316 SS	Viton®		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/8"	F-1H-BSKIT	brass	Viton®		Two O-Rings	25	200
1/8"	P-1H-SKIT	steel, 303 SS, 316 SS	EPDM		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/8"	P-1H-BSKIT	brass	EPDM		Two O-Rings	25	200
1/4"	2H-SKIT	steel, 303 SS, 316 SS	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/4"	2H-BSKIT	brass	Nitrile		Two O-Rings	25	200
1/4"	F-2H-SKIT	steel, 303 SS, 316 SS	Viton®		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/4"	F-2H-BSKIT	brass	Viton®		Two O-Rings	25	200
1/4"	P-2H-SKIT	steel, 303 SS, 316 SS	EPDM		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/4"	P-2H-BSKIT	brass	EPDM		Two O-Rings	25	200
3/8"	3H-SKIT	steel, 303 SS, 316 SS	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
3/8"	3H-BSKIT	brass	Nitrile		Two O-Rings	25	200
3/8"	F-3H-SKIT	steel, 303 SS, 316 SS	Viton®		O-Ring and PTFE Anti-Extrusion Ring	25	200
3/8"	F-3H-BSKIT	brass	Viton®		Two O-Rings	25	200
3/8"	P-3H-SKIT	steel, 303 SS, 316 SS	EPDM		O-Ring and PTFE Anti-Extrusion Ring	25	200
3/8"	P-3H-BSKIT	brass	EPDM		Two O-Rings	25	200
1/2"	4H-SKIT	steel, 303 SS, 316 SS	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/2"	4H-BSKIT	brass	Nitrile		Two O-Rings	25	200
1/2"	F-4H-SKIT	steel, 303 SS, 316 SS	Viton®		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/2"	F-4H-BSKIT	brass	Viton®		Two O-Rings	25	200
1/2"	P-4H-SKIT	steel, 303 SS, 316 SS	EPDM		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/2"	P-4H-BSKIT	brass	EPDM		Two O-Rings	25	200
3/4"	6H-SKIT	steel, 303 SS, 316 SS	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
3/4"	6H-BSKIT	brass	Nitrile		Two O-Rings	25	200
3/4"	F-6H-SKIT	steel, 303 SS, 316 SS	Viton®		O-Ring and PTFE Anti-Extrusion Ring	25	200
3/4"	F-6H-BSKIT	brass	Viton®		Two O-Rings	25	200
3/4"	P-6H-SKIT	steel, 303 SS, 316 SS	EPDM		O-Ring and PTFE Anti-Extrusion Ring	25	200
3/4"	P-6H-BSKIT	brass	EPDM		Two O-Rings	25	200
1"	8H-SKIT	steel, 303 SS, 316 SS	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
1"	8H-BSKIT	brass	Nitrile		Two O-Rings	25	200
1"	F-8H-SKIT	steel, 303 SS, 316 SS	Viton®		O-Ring and PTFE Anti-Extrusion Ring	25	200
1"	F-8H-BSKIT	brass	Viton®		Two O-Rings	25	200
1"	P-8H-SKIT	steel, 303 SS, 316 SS	EPDM		O-Ring and PTFE Anti-Extrusion Ring	25	200
1"	P-8H-BSKIT	brass	EPDM		Two O-Rings	25	200
1-1/4"	10H-SKIT	all	Nitrile		Adapter/Valve O-Ring & Two Body O-Rings	10	50
1-1/4"	F-10-SKIT	all	Viton®		Adapter/Valve O-Ring & Two Body O-Rings	10	50
1-1/4"	P-10-SKIT	all	EPDM		Adapter/Valve O-Ring & Two Body O-Rings	10	50
1-1/2"	12H-SKIT	all	Nitrile		Adapter/Valve O-Ring & Two Body O-Rings	10	50
1-1/2"	F-12H-SKIT	all	Viton®		Adapter/Valve O-Ring & Two Body O-Rings	10	50
1-1/2"	P-12H-SKIT	all	EPDM		Adapter/Valve O-Ring & Two Body O-Rings	10	50

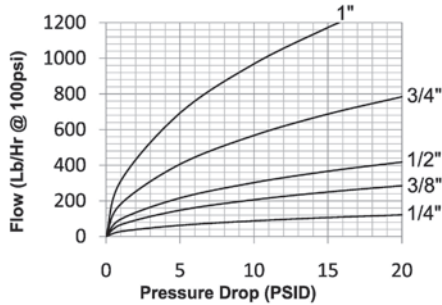
H-Series Hydraulic Couplings

Body Size	H-Series ISO-B Repair Kits						
	Part Detail				Repair Kit Contents (for one coupler or nipple)	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
1/4"	2H-RKIT	steel	Nitrile		Steel Valve Assembly and Retaining Ring	1	25
1/4"	2H-BRKIT	brass	Nitrile		Brass Valve Assembly and Retaining Ring	1	25
1/4"	2H-SRKIT	303 stainless	Nitrile		303 SS Valve Assembly and Retaining Ring	1	25
1/4"	2H-SSRKIT	316 stainless	Nitrile		316 SS Valve Assembly and Retaining Ring	1	25
3/8"	3H-RKIT	steel	Nitrile		Steel Valve Assembly and Retaining Ring	1	25
3/8"	3H-BRKIT	brass	Nitrile		Brass Valve Assembly and Retaining Ring	1	25
3/8"	3H-SRKIT	303 stainless	Nitrile		303 SS Valve Assembly and Retaining Ring	1	25
3/8"	3H-SSRKIT	316 stainless	Nitrile		316 SS Valve Assembly and Retaining Ring	1	25
1/2"	4H-RKIT	steel	Nitrile		Steel Valve Assembly and Retaining Ring	1	25
1/2"	4H-BRKIT	brass	Nitrile		Brass Valve Assembly and Retaining Ring	1	25
1/2"	4H-SRKIT	303 stainless	Nitrile		303 SS Valve Assembly and Retaining Ring	1	25
1/2"	4H-SSRKIT	316 stainless	Nitrile		316 SS Valve Assembly and Retaining Ring	1	25
3/4"	6H-RKIT	steel	Nitrile		Steel Valve Assembly and Retaining Ring	1	25
3/4"	6H-BRKIT	brass	Nitrile		Brass Valve Assembly and Retaining Ring	1	25
3/4"	6H-SRKIT	303 stainless	Nitrile		303 SS Valve Assembly and Retaining Ring	1	25
3/4"	6H-SSRKIT	316 stainless	Nitrile		316 SS Valve Assembly and Retaining Ring	1	25
1"	8H-RKIT	steel	Nitrile		Steel Valve Assembly and Retaining Ring	1	25
1"	8H-BRKIT	brass	Nitrile		Brass Valve Assembly and Retaining Ring	1	25
1"	8H-SRKIT	303 stainless	Nitrile		303 SS Valve Assembly and Retaining Ring	1	25
1"	8H-SSRKIT	316 stainless	Nitrile		316 SS Valve Assembly and Retaining Ring	1	25
1-1/4"	10H-RKIT	steel	Nitrile		Steel Valve Assembly and Adapter O-Ring	1	25
1-1/4"	10H-BRKIT	brass	Nitrile		Brass Valve Assembly and Adapter O-Ring	1	25
1-1/4"	10H-SRKIT	303 stainless	Nitrile		303 SS Valve Assembly and Adapter O-Ring	1	25
1-1/4"	10H-SSRKIT	316 stainless	Nitrile		316 SS Valve Assembly and Adapter O-Ring	1	25
1-1/2"	12H-RKIT	steel	Nitrile		Steel Valve Assembly and Adapter O-Ring	1	25
1-1/2"	12H-BRKIT	brass	Nitrile		Brass Valve Assembly and Adapter O-Ring	1	25
1-1/2"	12H-SRKIT	303 stainless	Nitrile		303 SS Valve Assembly and Adapter O-Ring	1	25
1-1/2"	12H-SSRKIT	316 stainless	Nitrile		316 SS Valve Assembly and Adapter O-Ring	1	25

HS-Series Hydraulic Couplings

Interchange Data:

- Interchangeable to ISO7241 Series 'B'
- Parker 60-Series Steam Couplings



Materials:

- Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Large diameter steel steam-sleeves are hardened to resist deformation and maximize coupler service life.
- Steel nipples are hardened to provide heavy duty performance and resist brinelling.
- All couplers have a steel steam-sleeve as standard.

Seal Components:

- EPDM steam-grade seals are standard, providing a temperature range of -70°F to +400°F (-57°C to +204°C).
- Brass couplers have a redundant o-ring sealing system (Dual O-Rings/no PTFE Back-up Ring)
- Stainless couplers have an O-Ring/PTFE Anti-Extrusion ring sealing system.
- Valve seals are crimped in place to maintain integrity during excessive flow conditions.

Rated Pressure Chart:

Body Size	HS-Series ISO-B Steam Interchange (Connected)															
	Brass Coupler/Plug				Brass Coupler/Steel Plug				Brass Coupler/303 SS Plug				303SS Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	200	14	14,500	1,000	200	14	14,500	1,000	200	14	14,500	1,000	200	14	31,500	2,150
3/8"	200	14	12,000	800	200	14	14,500	1,000	200	14	14,500	1,000	200	14	26,500	1,800
1/2"	200	14	11,500	750	200	14	14,500	1,000	200	14	14,500	1,000	200	14	27,500	1,900
3/4"	200	14	9,280	640	200	14	9,280	640	200	14	9,280	640	200	14	16,000	1,100
1"	200	14	5,800	400	200	14	5,800	400	200	14	5,800	400	200	14	15,000	1,000

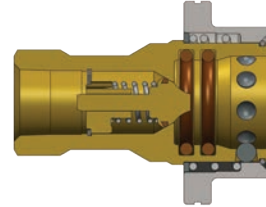
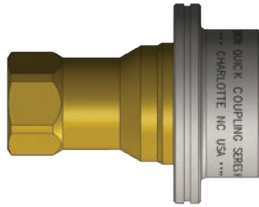
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters					
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow $\Delta P = 10$ PSI	
1/4"	-	-	ISO7241 'B'	B93.113M-B	8	1.1cc	0.9cc	27.4	88Lbs/Hr	
3/8"	-	-	ISO7241 'B'	B93.113M-B	9	2.6cc	1.8cc	27.4	206Lbs/Hr	
1/2"	-	-	ISO7241 'B'	B93.113M-B	9	3.8cc	2.9cc	27.4	302Lbs/Hr	
3/4"	-	-	ISO7241 'B'	B93.113M-B	12	10.8cc	9.7cc	27.4	567Lbs/Hr	
1"	-	-	ISO7241 'B'	B93.113M-B	12	15.9cc	15.3cc	27.4	968Lbs/Hr	

Note: Maximum working pressure has been calculated using saturated steam at 194°C (382°F) for general purpose continuous steam service. For advanced operating pressure or super-heated steam applications, contact the factory for further information.



HS-Series Hydraulic Couplings



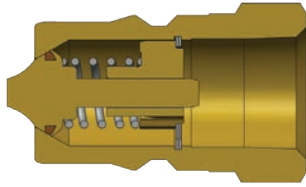
Body Size	H-Series ISO-B Steam Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2HSF2-B	1/4" - 18 NPTF	brass		2.26	57.4	1.42	36.1	3/4"	0.30	5	50
1/4"	2HSF2-S	1/4" - 18 NPTF	303 stainless		2.26	57.4	1.42	36.1	3/4"	0.30	5	50
1/4"	2HSBF2-B	1/4" - 19 BSPP	brass		2.26	57.4	1.42	36.1	3/4"	0.30	5	50
1/4"	2HSBF2-S	1/4" - 19 BSPP	303 stainless		2.26	57.4	1.42	36.1	3/4"	0.30	5	50
3/8"	3HSF3-B	3/8" - 18 NPTF	brass		2.51	63.8	1.73	43.9	7/8"	0.50	-	50
3/8"	3HSF3-S	3/8" - 18 NPTF	303 stainless		2.51	63.8	1.73	43.9	7/8"	0.50	-	50
3/8"	3HSBF3-B	3/8" - 19 BSPP	brass		2.51	63.8	1.73	43.9	7/8"	0.50	-	50
3/8"	3HSBF3-S	3/8" - 19 BSPP	303 stainless		2.51	63.8	1.73	43.9	7/8"	0.50	-	50
1/2"	4HSF4-B	1/2" - 14 NPTF	brass		2.86	72.6	2.29	58.2	1-1/16"	0.75	-	25
1/2"	4HSF4-S	1/2" - 14 NPTF	303 stainless		2.86	72.6	2.29	58.2	1-1/16"	0.75	-	25
1/2"	4HSBF4-B	1/2" - 14 BSPP	brass		2.86	72.6	2.29	58.2	1-1/16"	0.75	-	25
1/2"	4HSBF4-S	1/2" - 14 BSPP	303 stainless		2.86	72.6	2.29	58.2	1-1/16"	0.75	-	25
3/4"	6HSF6-B	3/4" - 14 NPTF	brass		3.55	90.2	2.61	66.3	1-5/16"	1.31	-	10
3/4"	6HSF6-S	3/4" - 14 NPTF	303 stainless		3.55	90.2	2.61	66.3	1-5/16"	1.31	-	10
3/4"	6HSBF6-B	3/4" - 14 BSPP	brass		3.55	90.2	2.61	66.3	1-5/16"	1.31	-	10
3/4"	6HSBF6-S	3/4" - 14 BSPP	303 stainless		3.55	90.2	2.61	66.3	1-5/16"	1.31	-	10
1"	8HSF8-B	1" - 11 1/2 NPTF	brass		4.13	104.9	2.98	75.7	1-5/8"	1.95	-	10
1"	8HSF8-S	1" - 11 1/2 NPTF	303 stainless		4.13	104.9	2.98	75.7	1-5/8"	1.95	-	10
1"	8HSBF8-B	1" - 11 BSPP	brass		4.13	104.9	2.98	75.7	1-5/8"	1.95	-	10
1"	8HSBF8-S	1" - 11 BSPP	303 stainless		4.13	104.9	2.98	75.7	1-5/8"	1.95	-	10



Warning!

Do not disconnect steam couplings while under pressure! Maximum operating temperature for steam service couplings is 194°C (382°F), with an intermittent maximum temperature of 204°C (400°F). Be sure to use safety chains, or equivalent means, to prevent the line from thrashing around in a case where the coupling becomes disconnected.

HS-Series Hydraulic Couplings

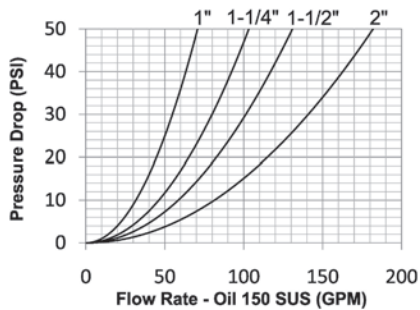
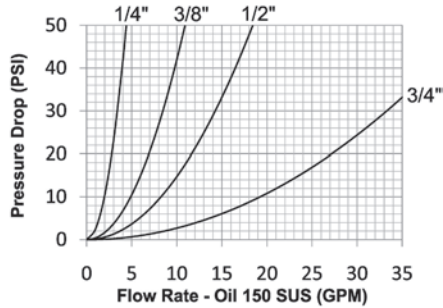


Body Size	H-Series ISO-B Steam Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	HS2F2	1/4" - 18 NPTF	steel		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	HS2F2-B	1/4" - 18 NPTF	brass		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	HS2F2-S	1/4" - 18 NPTF	303 stainless		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	HS2BF2	1/4" - 19 BSPP	steel		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	HS2BF2-B	1/4" - 19 BSPP	brass		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
1/4"	HS2BF2-S	1/4" - 19 BSPP	303 stainless		1.55	39.4	0.83	21.1	3/4"	0.08	10	50
3/8"	HS3F3	3/8" - 18 NPTF	steel		1.70	43.2	0.97	24.6	7/8"	0.13	10	50
3/8"	HS3F3-B	3/8" - 18 NPTF	brass		1.70	43.2	0.97	24.6	7/8"	0.13	10	50
3/8"	HS3F3-S	3/8" - 18 NPTF	303 stainless		1.70	43.2	0.97	24.6	7/8"	0.13	10	50
3/8"	HS3BF3	3/8" - 19 BSPP	steel		1.70	43.2	0.97	24.6	7/8"	0.13	10	50
3/8"	HS3BF3-B	3/8" - 19 BSPP	brass		1.70	43.2	0.97	24.6	7/8"	0.13	10	50
3/8"	HS3BF3-S	3/8" - 19 BSPP	303 stainless		1.70	43.2	0.97	24.6	7/8"	0.13	10	50
1/2"	HS4F4	1/2" - 14 NPTF	steel		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	HS4F4-B	1/2" - 14 NPTF	brass		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	HS4F4-S	1/2" - 14 NPTF	303 stainless		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	HS4BF4	1/2" - 14 BSPP	steel		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	HS4BF4-B	1/2" - 14 BSPP	brass		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
1/2"	HS4BF4-S	1/2" - 14 BSPP	303 stainless		1.94	49.3	1.17	29.7	1-1/16"	0.24	5	25
3/4"	HS6F6	3/4" - 14 NPTF	steel		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	HS6F6-B	3/4" - 14 NPTF	brass		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	HS6F6-S	3/4" - 14 NPTF	303 stainless		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	HS6BF6	3/4" - 14 BSPP	steel		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	HS6BF6-B	3/4" - 14 BSPP	brass		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
3/4"	HS6BF6-S	3/4" - 14 BSPP	303 stainless		2.41	61.2	1.44	36.6	1-5/16"	0.46	-	10
1"	HS8F8	1" - 11 1/2 NPTF	steel		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	HS8F8-B	1" - 11 1/2 NPTF	brass		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	HS8F8-S	1" - 11 1/2 NPTF	303 stainless		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	HS8BF8	1" - 11 BSPP	steel		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	HS8BF8-B	1" - 11 BSPP	brass		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10
1"	HS8BF8-S	1" - 11 BSPP	303 stainless		2.87	72.9	1.79	45.5	1-5/8"	0.76	-	10

K-Series Hydraulic Couplings

Interchange Data:

- Interchangeable to ISO7241 Series 'A'
- Parker 6600-Series, Aeroquip/Eaton FD56 (5600)
- Faster ANV, Hansen HA15000, Safeway S56-Series



Materials:

- Machined components are manufactured using solid steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Steel nipples are hardened to provide heavy duty performance and resist brinelling.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- Couplers have a PTFE Anti-Extrusion ring.
- Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection.

Rated Pressure Chart:

Body Size	K-Series ISO-A Interchange (Connected)			
	Steel Coupler/Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
1/4"	5,000	345	18,270	1,200
3/8"	4,000	275	18,270	1,200
1/2"	4,000	275	16,500	1,100
3/4"	4,000	275	14,800	1,000
1"	4,000	275	12,400	850
1-1/4"	3,000	200	12,600	850
1-1/2"	3,000	200	12,600	850
2"	1,450	100	5,800	400

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow ΔP = 22 PSI
1/4"	-	-	ISO7241 'A'	B93.113M-A	6	0.6cc	0.3cc	26.5	2.9 GPM
3/8"	-	-	ISO7241 'A'	B93.113M-A	9	2.6cc	1.8cc	26.5	7 GPM
1/2"	-	-	ISO7241 'A'	B93.113M-A	9	3.8cc	2.9cc	26.5	12 GPM
3/4"	-	-	ISO7241 'A'	B93.113M-A	12	10.8cc	9.7cc	26.5	28 GPM
1"	-	-	ISO7241 'A'	B93.113M-A	15	15.9cc	15.3cc	26.5	50 GPM
1-1/4"	-	-	ISO7241 'A'	B93.113M-A	16	31.7cc	29.1cc	26.5	70 GPM
1-1/2"	-	-	ISO7241 'A'	B93.113M-A	16	56.4cc	52.2cc	26.5	90 GPM
2"	-	-	ISO7241 'A'	B93.113M-A	15	N/A	N/A	26.5	120 GPM

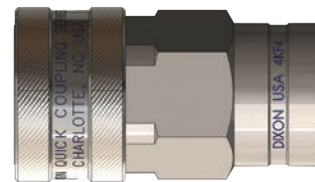
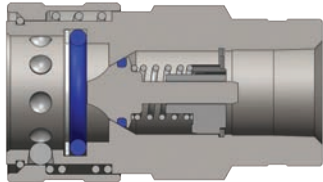
K-Series Hydraulic Couplings

List Price Seal Option Adders:

Body Size	Standard Seal Options												Kalrez® Seal Options					
	Viton®		EPDM		FDA Viton®		Mil-Nitrile		Fuel Nitrile		Silicone		4079		6375		7075	
	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$
1/4"	F-	\$0.00	P-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
3/8"	F-	.00	P-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
1/2"	F-	.00	P-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
3/4"	F-	.00	P-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
1"	F-	.00	P-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
1-1/4"	F-	N/A	P-	N/A	D-	N/A	M-	N/A	JF-	N/A	S-	N/A	K4-	N/A	K6-	N/A	K7-	N/A
1-1/2"	F-	N/A	P-	N/A	D-	N/A	M-	N/A	JF-	N/A	S-	N/A	K4-	N/A	K6-	N/A	K7-	N/A
2"	F-	N/A	P-	N/A	D-	N/A	M-	N/A	JF-	N/A	S-	N/A	K4-	N/A	K6-	N/A	K7-	N/A

List Price Option Adders:

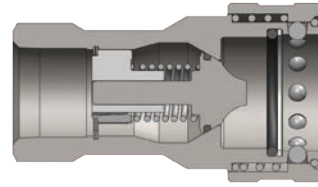
Body Size	Valve Options												Sleeve		Treatments	
	Unvalved		Actuator		Steel		Brass		303 SS		316 SS		Locking		Oxy-Clean	
	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$
1/4"	-E	-\$1.50	-VA	N/A	-ZV	Std.	-BV	\$0.00	-SV	N/A	SSV	N/A	-LS	\$4.80	-C1	\$12.00
3/8"	-E	-2.30	-VA	\$4.30	-ZV	Std.	-BV	.00	-SV	\$2.45	SSV	\$2.70	-LS	4.80	-C1	12.00
1/2"	-E	-4.60	-VA	6.20	-ZV	Std.	-BV	.00	-SV	4.30	SSV	4.80	-LS	4.80	-C1	14.00
3/4"	-E	-5.80	-VA	8.00	-ZV	Std.	-BV	.00	-SV	5.65	SSV	6.00	-LS	6.00	-C1	14.00
1"	-E	-8.50	-VA	12.00	-ZV	Std.	-BV	.00	-SV	7.50	SSV	8.80	-LS	9.80	-C1	16.00
1-1/4"	-E	N/A	-VA	N/A	-ZV	Std.	-BV	N/A	-SV	N/A	SSV	N/A	-LS	N/A	-C1	N/A
1-1/2"	-E	N/A	-VA	N/A	-ZV	Std.	-BV	N/A	-SV	N/A	SSV	N/A	-LS	N/A	-C1	N/A
2"	-E	N/A	-VA	N/A	-ZV	Std.	-BV	N/A	-SV	N/A	SSV	N/A	-LS	N/A	-C1	N/A



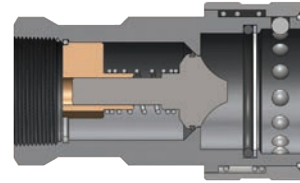
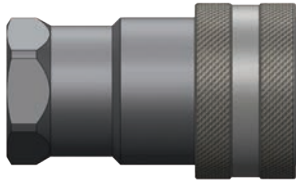
K-Series ISO-A Interchange Coupler (Female Threads)

Body Size	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2KF1	1/8" - 27 NPTF	steel		1.76	44.7	1	25.4	3/4"	0.27	10	50
1/4"	2KF2	1/4" - 18 NPTF	steel		1.76	44.7	1	25.4	3/4"	0.26	10	50
1/4"	2KBF2	1/4" - 19 BSPP	steel		1.76	44.7	1	25.4	3/4"	0.26	10	50
1/4"	2KOF2	7/16" - 20 ORB	steel		1.76	44.7	1	25.4	3/4"	0.25	10	50
3/8"	3KF3	3/8" - 18 NPTF	steel		2.23	56.6	1.23	31.2	1"	0.39	10	50
3/8"	3KBF3	3/8" - 19 BSPP	steel		2.23	56.6	1.23	31.2	1"	0.38	10	50
3/8"	3KOF3	9/16" - 18 ORB	steel		2.23	56.6	1.23	31.2	1"	0.39	10	50
1/2"	4KF4	1/2" - 14 NPTF	steel		2.62	66.5	1.49	37.8	1-1/4"	0.67	5	25
1/2"	4KBF4	1/2" - 14 BSPP	steel		2.62	66.5	1.49	37.8	1-1/4"	0.67	5	25
1/2"	4KOF4	3/4" - 16 ORB	steel		2.62	66.5	1.49	37.8	1-1/4"	0.69	5	25
1/2"	4KOF5	7/8" - 14 ORB	steel		2.62	66.5	1.49	37.8	1-1/4"	0.66	5	25
1/2"	4KF6	3/4" - 14 NPTF	steel		2.62	66.5	1.49	37.8	1-1/4"	0.71	5	25
1/2"	4KBF6	3/4" - 14 BSPP	steel		2.62	66.5	1.49	37.8	1-1/4"	0.71	5	25

K-Series Hydraulic Couplings

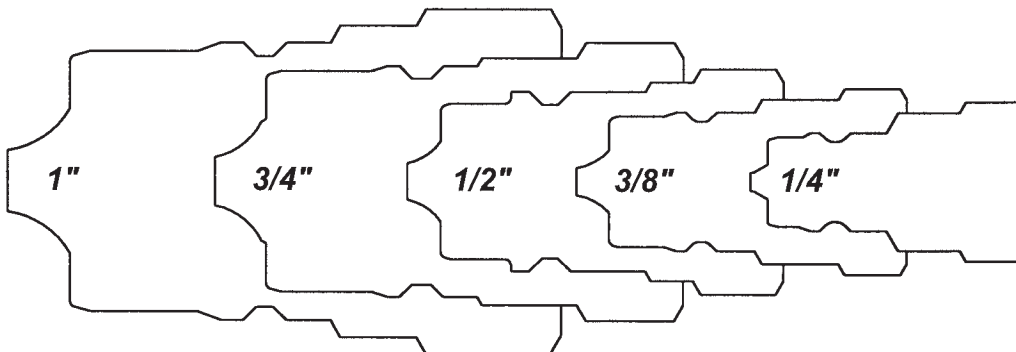


Body Size	K-Series ISO-A Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	6KF6	3/4" - 14 NPTF	steel		3.23	82.0	1.86	47.2	1-5/16"	1.90	-	10
3/4"	6KBF6	3/4" - 14 BSPP	steel		3.23	82.0	1.86	47.2	1-5/16"	1.90	-	10
3/4"	6KOF6	1-1/16" - 12 ORB	steel		3.23	82.0	1.86	47.2	1-5/16"	1.90	-	10
1"	8KF8	1" - 11 1/2 NPTF	steel		3.88	98.6	2.10	53.3	1-5/8"	2.14	-	10
1"	8KBF8	1" - 11 BSPP	steel		3.88	98.6	2.10	53.3	1-5/8"	2.14	-	10
1"	8KOF8	1-5/16" - 12 ORB	steel		3.88	98.6	2.10	53.3	1-5/8"	2.14	-	10

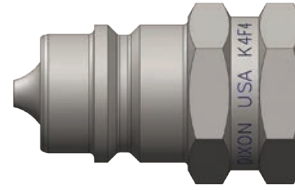
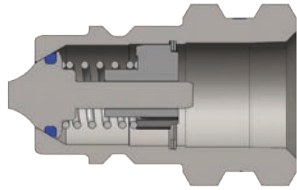


Body Size	K-Series ISO-A Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1-1/4"	10KF10	1-1/4" - 11 1/2 NPT	steel		4.61	117.0	2.76	70.0	2"	2.93	-	10
1-1/4"	10KBF10	1-1/4" - 11 BSPP	steel		4.61	117.0	2.76	70.0	2"	2.93	-	10
1-1/2"	12KF12	1-1/2" - 11 1/2 NPT	steel		5.24	133.0	3.33	84.5	2-3/8"	4.78	-	1
1-1/2"	12KBF12	1-1/2" - 11 BSPP	steel		5.24	133.0	3.33	84.5	2-3/8"	4.78	-	1
2"	16KF16	2" - 11 1/2 NPT	steel		6.50	165.0	3.94	100.0	3"	8.49	-	1
2"	16KBF16	2" - 11 BSPP	steel		6.50	165.0	3.94	100.0	3"	8.49	-	1

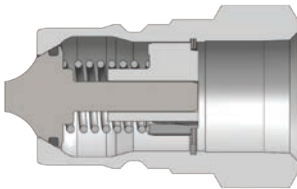
K Profiles



K-Series Hydraulic Couplings



Body Size	K-Series ISO-A Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	K2F1	1/8" - 27 NPTF	steel		1.22	31.0	0.87	22.1	3/4"	0.08	10	50
1/4"	K2F2	1/4" - 18 NPTF	steel		1.22	31.0	0.87	22.1	3/4"	0.07	10	50
1/4"	K2BF2	1/4" - 19 BSPP	steel		1.22	31.0	0.87	22.1	3/4"	0.07	10	50
1/4"	K2OF2	7/16" - 20 ORB	steel		1.22	31.0	0.87	22.1	3/4"	0.08	10	50
3/8"	K3F3	3/8" - 18 NPTF	steel		1.70	43.2	0.97	24.6	7/8"	0.11	10	50
3/8"	K3BF3	3/8" - 19 BSPP	steel		1.70	43.2	0.97	24.6	7/8"	0.11	10	50
3/8"	K3OF3	9/16" - 18 ORB	steel		1.70	43.2	0.97	24.6	7/8"	0.13	10	50
1/2"	K4F4	1/2" - 14 NPTF	steel		1.77	45.0	1.23	31.2	1-1/16"	0.21	5	25
1/2"	K4BF4	1/2" - 14 BSPP	steel		1.77	45.0	1.23	31.2	1-1/16"	0.21	5	25
1/2"	K4OF4	3/4" - 16 ORB	steel		1.77	45.0	1.23	31.2	1-1/16"	0.22	5	25
1/2"	K4OF5	7/8" - 14 ORB	steel		1.77	45.0	1.23	31.2	1-1/16"	0.21	5	25
1/2"	K4F6	3/4" - 14 NPTF	steel		1.77	45.0	1.37	34.8	1-3/16"	0.33	5	25
1/2"	K4BF6	3/4" - 14 BSPP	steel		1.77	45.0	1.37	34.8	1-3/16"	0.33	5	25



Body Size	K-Series ISO-A Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	K6F6	3/4" - 14 NPTF	steel		2.43	61.7	1.44	36.6	1-5/16"	0.49	-	10
3/4"	K6BF6	3/4" - 14 BSPP	steel		2.43	61.7	1.44	36.6	1-5/16"	0.49	-	10
3/4"	K6OF6	1-1/16" - 12 ORB	steel		2.43	61.7	1.44	36.6	1-5/16"	0.47	-	10
1"	K8F8	1" - 11 1/2 NPTF	steel		2.87	72.9	1.79	45.5	1-5/8"	0.75	-	10
1"	K8BF8	1" - 11 BSPP	steel		2.87	72.9	1.79	45.5	1-5/8"	0.75	-	10
1"	K8OF8	1-5/16" - 12 ORB	steel		2.87	72.9	1.79	45.5	1-5/8"	0.72	-	10
1-1/4"	K10F10	1-1/4" - 11 1/2 NPT	steel		2.95	75.0	2.31	58.7	2"	1.26	-	10
1-1/4"	K10BF10	1-1/4" - 11 BSPP	steel		2.95	75.0	2.31	58.7	2"	1.26	-	10
1-1/2"	K12F12	1-1/2" - 11 1/2 NPT	steel		3.29	83.5	2.74	69.6	2-3/8"	2.05	-	1
1-1/2"	K12BF12	1-1/2" - 11 BSPP	steel		3.29	83.5	2.74	69.6	2-3/8"	2.05	-	1
2"	K16F16	2" - 11 1/2 NPT	steel		4.13	105.0	3.46	87.9	3"	3.64	-	1
2"	K16BF16	2" - 11 BSPP	steel		4.13	105.0	3.46	87.9	3"	3.64	-	1

K-Series Hydraulic Couplings



Body Size	K-Series ISO-A Interchange Dust Caps and Dust Plugs					
	Part Detail				Package Qty	
	Coupler Dust Plug	Nipple Dust Cap	Material		Bag	Box
1/4"	2KDP-K2DC	2KDP-K2DC	Nitrile		10	50
3/8"	3KDP-K3DC	3KDP-K3DC	Nitrile		10	50
1/2"	See Below	See Below				
3/4"	6KDP-K6DC	6KDP-K6DC	Nitrile		5	25
1"	8KDP-K8DC	8KDP-K8DC	Nitrile		5	25



Body Size	K-Series ISO-A Interchange Color Coded Dust Plug					
	Part Detail				Package Qty	
	Part Number	Color	Material		Bag	Box
1/2"	4KDP	Black	Nitrile		10	50
1/2"	4K-R-DP	Red	Nitrile		10	50
1/2"	4K-O-DP	Orange	Nitrile		10	50
1/2"	4K-Y-DP	Yellow	Nitrile		10	50
1/2"	4K-G-DP	Green	Nitrile		10	50
1/2"	4K-B-DP	Blue	Nitrile		10	50



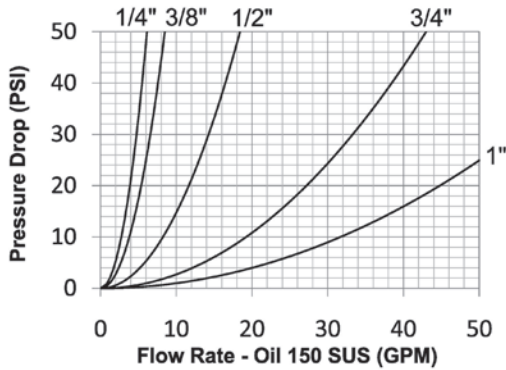
Body Size	K-Series ISO-A Interchange Color Coded Dust Cap					
	Part Detail				Package Qty	
	Part Number	Color	Material		Bag	Box
1/2"	K4DC	Black	Nitrile		10	50
1/2"	K4-R-DC	Red	Nitrile		10	50
1/2"	K4-O-DC	Orange	Nitrile		10	50
1/2"	K4-Y-DC	Yellow	Nitrile		10	50
1/2"	K4-G-DC	Green	Nitrile		10	50
1/2"	K4-B-DC	Blue	Nitrile		10	50

Body Size	K-Series ISO-A Coupler Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
1/4"	2K-SKIT	all	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
3/8"	3K-SKIT	all	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
1/2"	4K-SKIT	all	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
3/4"	6K-SKIT	all	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
1"	8K-SKIT	all	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	25	200
1-1/4"	10K-SKIT	all	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	10	50
1-1/2"	12K-SKIT	all	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	10	50
2"	16K-SKIT	all	Nitrile		O-Ring and PTFE Anti-Extrusion Ring	10	50

AG-Series Hydraulic Couplings

Interchange Data:

- Pioneer Agricultural Interchange
- Parker/Pioneer 4000 Series, Faster NS/NV-Series
- Safeway Series-S20, Stucchi IR-Series, Snap-Tite 60-Series



Materials:

- Machined components are manufactured using solid steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Steel nipples are hardened to provide heavy duty performance and resist brinelling.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- Couplers have a PTFE Anti-Extrusion ring.
- Poppet valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection.
- Piloted ball valve has a seal that is crimped to prevent low-pressure leakage.

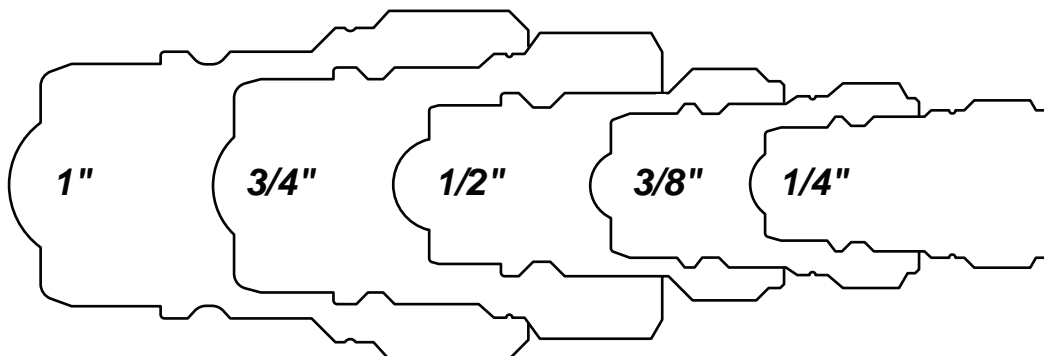
Rated Pressure Chart:

Body Size	AG-Series Agricultural Interchange (Connected)							
	Ball Steel Coupler/Plug				Poppet Steel Coupler/Plug			
	Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	4,000	275	24,400	1,700	4,000	275	21,000	1,500
3/8"	4,000	275	25,000	1,700	4,000	275	23,100	1,600
1/2"	4,000	275	16,500	1,100	4,000	275	16,500	1,100
3/4"	3,000	200	15,800	1,050	3,000	200	10,300	700
1"	3,000	200	13,500	900	3,000	200	13,000	900

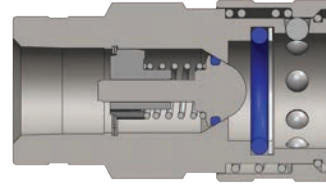
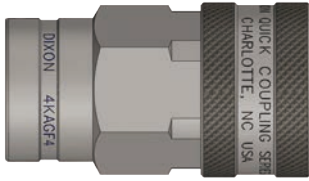
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow $\Delta P = 22$ PSI
1/4"	-	-	-	-	8	1.1cc	0.9cc	26.5	4 GPM
3/8"	-	-	-	-	9	2.6cc	1.8cc	26.5	6 GPM
1/2"	-	-	ISO7241 'A'	-	9	3.8cc	2.9cc	26.5	12 GPM
3/4"	-	-	ISO5675	-	12	10.8cc	9.7cc	26.5	28 GPM
1"	-	-	-	-	12	15.9cc	15.3cc	26.5	48 GPM

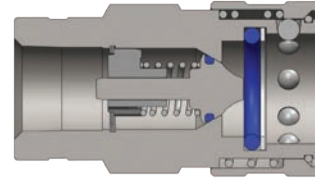
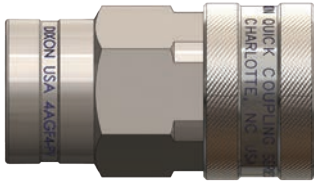
AG Series Profiles



AG-Series Hydraulic Couplings

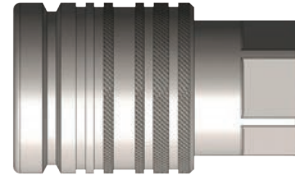
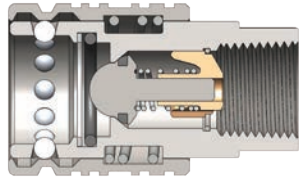


Body Size	AG-Series Agricultural Interchange Ball Valve Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2AGF2	1/4" - 18 NPTF	steel		2.11	53.5	1.06	27.0	7/8"	0.24	10	50
3/8"	3AGF3	3/8" - 18 NPTF	steel		2.40	61.0	1.34	34.0	1-1/16"	0.51	10	50
1/2"	4AGF4	1/2" - 14 NPTF	steel		2.62	66.5	1.49	37.8	1-1/4"	0.58	5	25
1/2"	4AGBF4	1/2" - 14 BSPP	steel		2.62	66.5	1.49	37.8	1-1/4"	0.58	5	25
1/2"	4AGOF4	3/4" - 16 ORB	steel		2.62	66.5	1.49	37.8	1-1/4"	0.64	5	25
1/2"	4AGOF5	7/8" - 14 ORB	steel		2.62	66.5	1.49	37.8	1-1/4"	0.59	5	25
1/2"	4AGF6	3/4" - 14 NPTF	steel		2.62	66.5	1.49	37.8	1-1/4"	0.71	5	25
1/2"	4AGBF6	3/4" - 14 BSPP	steel		2.62	66.5	1.49	37.8	1-1/4"	0.71	5	25
3/4"	6AGF6	3/4" - 14 NPTF	steel		3.35	85.0	1.89	48.0	1-1/2"	1.00	-	10
1"	8AGF8	1" - 11 1/2 NPTF	steel		3.80	96.5	2.17	55.0	1-13/16"	1.89	-	10

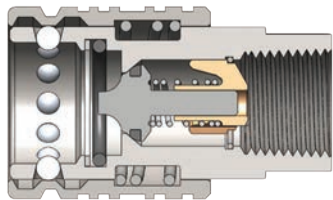


Body Size	AG-Series Agricultural Interchange Poppet Valve Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2AGF2-PV	1/4" - 18 NPTF	steel		2.11	53.5	1.06	27.0	7/8"	0.24	10	50
3/8"	3AGF3-PV	3/8" - 18 NPTF	steel		2.40	61.0	1.34	34.0	1-1/16"	0.51	10	50
1/2"	4AGF4-PV	1/2" - 14 NPTF	steel		2.62	66.5	1.49	37.8	1-1/4"	0.58	5	25
1/2"	4AGBF4-PV	1/2" - 14 BSPP	steel		2.62	66.5	1.49	37.8	1-1/4"	0.58	5	25
1/2"	4AGOF4-PV	3/4" - 16 ORB	steel		2.62	66.5	1.49	37.8	1-1/4"	0.64	5	25
1/2"	4AGOF5-PV	7/8" - 14 ORB	steel		2.62	66.5	1.49	37.8	1-1/4"	0.59	5	25
1/2"	4AGF6-PV	3/4" - 14 NPTF	steel		2.62	66.5	1.49	37.8	1-1/4"	0.71	5	25
1/2"	4AGBF6-PV	3/4" - 14 BSPP	steel		2.62	66.5	1.49	37.8	1-1/4"	0.71	5	25
3/4"	6AGF6-PV	3/4" - 14 NPTF	steel		3.35	85.0	1.89	48.0	1-1/2"	1.00	-	10
1"	8AGF8-PV	1" - 11 1/2 NPTF	steel		3.80	96.5	2.17	55.0	1-13/16"	1.89	-	10

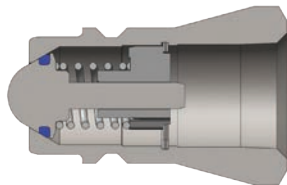
AG-Series Hydraulic Couplings



Body Size	AG-Series Agricultural Push-Pull Ball Valve Coupler (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/2"	4AGF4-PS	1/2" - 14 NPTF	steel	2.50	63.5	1.49	37.8	1-1/16"	0.75	5	25	
1/2"	4AGOF4-PS	3/4" - 16 ORB	steel	2.98	75.8	1.489	37.8	1-1/16"	0.83	5	25	
1/2"	4AGOF5-PS	7/8" - 14 ORB	steel	2.98	75.8	1.489	37.8	1-1/16"	0.75	5	25	
1/2"	4AGF6-PS	3/4" - 14 NPTF	steel	3.06	77.8	1.489	37.8	1-3/16"	0.75	5	25	

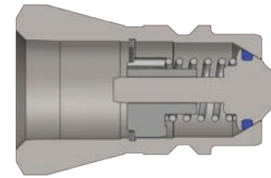


Body Size	AG-Series Agricultural Push-Pull Poppet Valve Coupler (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/2"	4AGF4-PV-PS	1/2" - 14 NPTF	steel	2.50	63.5	1.49	37.8	1-1/16"	0.75	5	25	
1/2"	4AGOF4-PV-PS	3/4" - 16 ORB	steel	2.98	75.8	1.49	37.8	1-1/16"	0.83	5	25	
1/2"	4AGOF5-PV-PS	7/8" - 14 ORB	steel	2.98	75.8	1.49	37.8	1-1/16"	0.75	5	25	
1/2"	4AGF6-PV-PS	3/4" - 14 NPTF	steel	3.06	77.8	1.49	37.8	1-3/16"	0.75	5	25	



Body Size	AG-Series Agricultural Interchange Ball Valve Nipple (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	AG2F2	1/4" - 18 NPTF	steel	1.42	36.0	0.86	21.8	3/4"	0.08	10	50	
3/8"	AG3F3	3/8" - 18 NPTF	steel	1.59	40.5	1.08	27.4	15/16"	0.16	10	50	
1/2"	AG4F4	1/2" - 14 NPTF	steel	1.77	45.0	1.23	31.2	1-1/16"	0.20	5	25	
1/2"	AG4BF4	1/2" - 14 BSPP	steel	1.77	45.0	1.23	31.2	1-1/16"	0.20	5	25	
1/2"	AG4OF4	3/4" - 16 ORB	steel	1.77	45.0	1.23	31.2	1-1/16"	0.25	5	25	
1/2"	AG4OF5	7/8" - 14 ORB	steel	1.77	45.0	1.23	31.2	1-1/16"	0.25	5	25	
1/2"	AG4F6	3/4" - 14 NPTF	steel	1.77	45.0	1.37	34.8	1-3/16"	0.25	5	25	
1/2"	AG4BF6	3/4" - 14 BSPP	steel	1.77	45.0	1.37	34.8	1-3/16"	0.25	5	25	
3/4"	AG6F6	3/4" - 14 NPTF	steel	2.20	56.0	1.58	40.1	1-3/8"	0.50	-	10	
1"	AG8F8	1" - 11 1/2 NPTF	steel	2.48	63.0	1.87	47.5	1-5/8"	0.62	-	10	

AG-Series Hydraulic Couplings



Body Size	AG-Series Agricultural Interchange Poppet Valve Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	AG2F2-PV	1/4" - 18 NPTF	steel		1.42	36.0	0.86	21.8	3/4"	0.08	10	50
3/8"	AG3F3-PV	3/8" - 18 NPTF	steel		1.59	40.5	1.08	27.4	15/16"	0.16	10	50
1/2"	AG4F4-PV	1/2" - 14 NPTF	steel		1.77	45.0	1.23	31.2	1-1/16"	0.20	5	25
1/2"	AG4BF4-PV	1/2"-14 BSPP	steel		1.77	45.0	1.23	31.2	1-1/16"	0.20	5	25
1/2"	AG4OF4-PV	3/4" - 16 ORB	steel		1.77	45.0	1.23	31.2	1-1/16"	0.25	5	25
1/2"	AG4OF5-PV	7/8" - 14 ORB	steel		1.77	45.0	1.23	31.2	1-1/16"	0.25	5	25
1/2"	AG4F6-PV	3/4" - 14 NPTF	steel		1.77	45.0	1.37	34.8	1-3/16"	0.25	5	25
1/2"	AG4BF6-PV	3/4" - 14 BSPP	steel		1.77	45.0	1.37	34.8	1-3/16"	0.25	5	25
3/4"	AG6F6-PV	3/4" - 14 NPTF	steel		2.20	56.0	1.58	40.1	1-3/8"	0.50	-	10
1"	AG8F8-PV	1" - 11 1/2 NPTF	steel		2.48	63.0	1.87	47.5	1-5/8"	0.62	-	10



Body Size	AG-Series Agricultural Interchange Coupler Dust Plug						
	Part Detail				Weight Lb	Package Qty	
	Part Number	Lanyard	Body			Bag	Box
1/4"	2AGDP	Elastomer	Elastomer		0.02	10	50
3/8"	3AGDP	Elastomer	Elastomer		0.04	10	50
1/2"	For 1/2" Please refer to the color coded K-Series Dust Plugs on pg. 78						
3/4"	6AGDP	Elastomer	Elastomer		0.07	5	25
1"	8AGDP	Elastomer	Elastomer		0.10	5	25



Body Size	AG-Series Agricultural Interchange Nipple Dust Cap						
	Part Detail				Weight Lb	Package Qty	
	Part Number	Lanyard	Body			Bag	Box
1/4"	AG2DC	Elastomer	Elastomer		0.02	10	50
3/8"	AG3DC	Elastomer	Elastomer		0.04	10	50
1/2"	For 1/2" Please refer to the color coded K-Series Dust Caps on pg. 78						
3/4"	AG6DC	Elastomer	Elastomer		0.07	5	25
1"	AG8DC	Elastomer	Elastomer		0.10	5	25

V-Series Hydraulic Couplings

Interchange Data:

- Interchangeable to MIL-C-51234
- Snap-Tite H/IH and Faster TNV/TNL

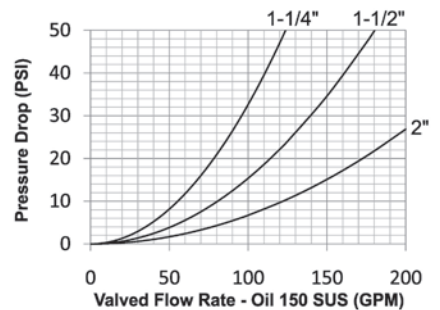
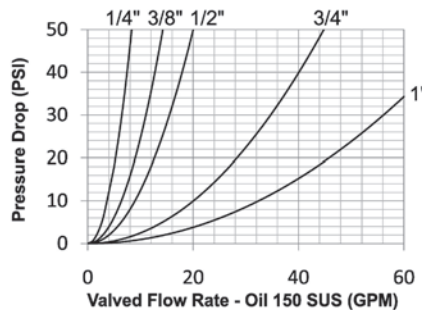
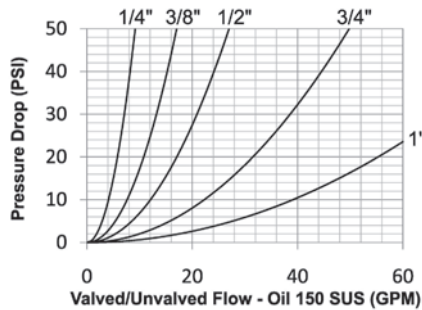
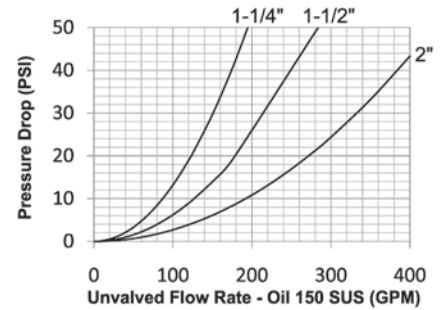
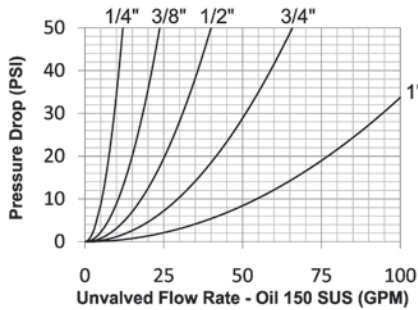
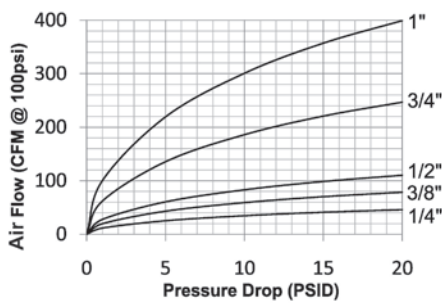
Materials:

- Machined components are manufactured using solid steel, brass, or 316 stainless steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Steel nipples are machined from high-strength steel and induction hardened.
- Tubular 'TV' valves are constructed from steel bar stock and are designed for optimum performance in pneumatic applications.

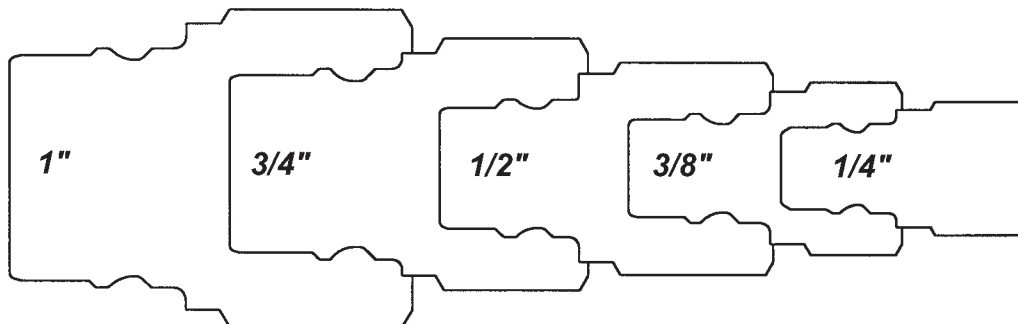
Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- All couplers incorporate a PTFE anti-extrusion ring to protect the seal components from dynamic impulse damage.
- 1/4" to 1" valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection.
- 1 1/4" to 2" valve O-rings are retained by a unique seal-groove profile and are field replaceable.

Note: Air flow data is presented using a coupler with a 'TV' valve and unvalved nipple. This configuration provides the optimal performance for pneumatic applications.



V Series Profiles



V-Series Hydraulic Couplings

Rated Pressure Chart:

Body Size	V-Series Snap-Tite H/H Interchange (Valved Connected)											
	Steel Coupler/Plug				Brass Coupler/Plug				316 Stainless Coupler/Plug			
	Maximum Working		Burst		Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	6,500	450	12,700	876	2,250	150	5,000	345	5,000	345	10,000	700
3/8"	4,500	310	10,500	700	2,250	150	5,300	350	4,000	275	8,000	550
1/2"	4,000	275	9,600	650	2,000	130	5,700	390	3,750	260	7,500	500
3/4"	3,500	240	9,100	600	2,000	130	5,300	350	2,000	130	7,500	500
1"	2,000	130	9,500	650	1,750	120	5,000	345	2,000	130	5,000	345
1-1/4"	1,750	120	5,000	345	350	24	1,000	70	1,500	100	3,000	200
1-1/2"	1,500	100	5,000	345	350	24	1,200	80	1,500	100	3,000	200
2"	1,500	100	4,000	275	400	28	1,000	70	500	34	1,000	70

Body Size	V-Series Snap-Tite H/H Interchange (Unvalved Connected)											
	Steel Coupler/Plug				Brass Coupler/Plug				316 SS Coupler/Plug			
	Maximum Working		Burst		Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	11,000	760	29,500	2,000	4,000	275	14,200	980	10,000	670	29,200	2,000
3/8"	11,000	760	29,900	2,000	4,000	275	14,500	1,000	8,000	550	27,900	1,900
1/2"	11,000	760	29,300	2,000	4,000	275	14,500	1,000	8,000	550	24,600	1,700
3/4"	9,000	620	19,300	1,300	3,500	250	11,100	750	7,000	480	22,600	1,500
1"	6,000	400	15,900	1,100	3,000	200	8,200	560	4,000	275	15,500	1,000
1-1/4"	5,000	345	10,000	700	1,000	70	4,000	275	3,000	200	10,000	700
1-1/2"	5,000	345	10,000	700	1,000	70	4,000	275	3,000	200	10,000	700
2"	4,000	275	8,000	550	750	50	2,800	190	1,000	70	6,000	400

Technical Specifications:

Body Size	Interchange Standards			Functional Parameters				
	U.S. Military	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow $\Delta P = 22$ PSI
1/4"	MIL-C-51234	-	-	6	2.0cc	0.2cc	26.7	5.5 GPM
3/8"	MIL-C-51234	-	-	6	3.5cc	3.2cc	26.7	9.5 GPM
1/2"	MIL-C-51234	-	-	9	4.0cc	4.0cc	26.7	13 GPM
3/4"	MIL-C-51234	-	-	9	14.0cc	14.0cc	26.7	30 GPM
1"	MIL-C-51234	-	-	12	21.0cc	20.0cc	26.7	48 GPM
1-1/4"	MIL-C-51234	-	-	12	45.0cc	45.0cc	N/R	82 GPM
1-1/2"	MIL-C-51234	-	-	12	80.0cc	80.0cc	N/R	120 GPM
2"	MIL-C-51234	-	-	12	150.0cc	150.0cc	N/R	185 GPM

Note: Minimum burst pressure ratings were established under laboratory conditions using a Static Burst Unit (SBU). For high impulse applications and to meet Det Norske Veritas (DNV) compliance, the operating pressure must be divided by two (2) to ensure a 4:1 safety factor during system operation.

V-Series Hydraulic Couplings

List Price Seal Option Adders:

Body Size	Standard Seal Options												Kalrez® Seal Options							
	Viton®		EPDM		Steam-EP		FDA Viton®		Mil-Nitrile		Fuel Nitrile		Silicone		4079		6375		7075	
	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$
1/4"	F-	\$.00	P-		PS-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
3/8"	F-	.00	P-		PS-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
1/2"	F-	.00	P-		PS-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
3/4"	F-	.00	P-		PS-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
1"	F-	.00	P-		PS-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
1-1/4"	F-	.00	P-		PS-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
1-1/2"	F-	.00	P-		PS-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR
2"	F-	.00	P-		PS-		D-		M-		JF-		S-		K4-	POR	K6-	POR	K7-	POR

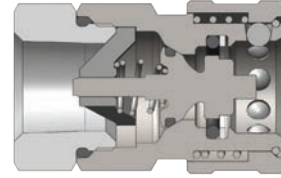
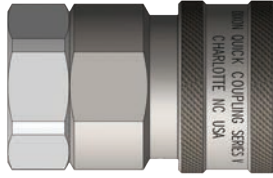
List Price Option Adders:

Body Size	Valve Options									Sleeve Options						Treatments			
	Unvalved		Tubular		Steel		Brass		316 SS		Sleeve-Lock		Flanged		Sil-Flange		Oxy-Clean		
	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$	Suf
1/4"	-E	-	-TV		-ZV	\$.00	-BV	\$.00	SSV	\$2.60	-LS	\$4.20	-FS	N/A	FSB	N/A	-C1	\$12.00	
3/8"	-E	-	-TV		-ZV	.00	-BV	.00	SSV	2.70	-LS	4.90	-FS	N/A	FSB	N/A	-C1	12.00	
1/2"	-E	-	-TV		-ZV	.00	-BV	.00	SSV	4.80	-LS	5.50	-FS	N/A	FSB	N/A	-C1	14.00	
3/4"	-E	-	-TV		-ZV	.00	-BV	.00	SSV	6.00	-LS	6.60	-FS	N/A	FSB	N/A	-C1	14.00	
1"	-E	-	-TV		-ZV	.00	-BV	.00	SSV	8.80	-LS	10.00	-FS	N/A	FSB	N/A	-C1	16.00	
1-1/4"	-E	-	-TV	N/A	-ZV	.00	-BV	.00	SSV	32.55	-LS	19.00	-FS	N/A	FSB	N/A	-C1	20.00	
1-1/2"	-E	-	-TV	N/A	-ZV	.00	-BV	.00	SSV	38.20	-LS	26.50	-FS	N/A	FSB	N/A	-C1	20.00	
2"	-E	-	-TV	N/A	-ZV	.00	-BV	.00	SSV	46.90	-LS	26.50	-FS	N/A	FSB	N/A	-C1	20.00	

Large V Series Profiles

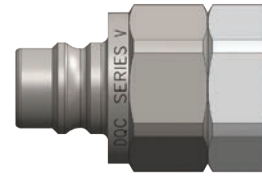
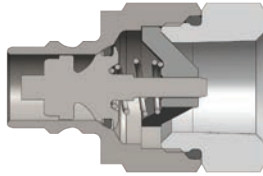


V-Series Hydraulic Couplings



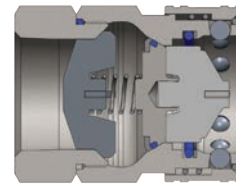
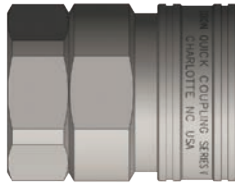
Body Size	V-Series Snap-Tite H/IH Interchange Valved Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2VF1	1/8" - 27 NPTF	steel		1.68	42.7	0.99	25.1	7/8"	0.22	5	50
1/4"	2VF2	1/4" - 18 NPTF	steel		1.68	42.7	0.99	25.1	7/8"	0.20	5	50
1/4"	2VF2-B	1/4" - 18 NPTF	brass		1.68	42.7	0.99	25.1	7/8"	0.20	5	50
1/4"	2VF2-SS	1/4" - 18 NPTF	316 stainless		1.68	42.7	0.99	25.1	7/8"	0.20	5	50
1/4"	2VBF2	1/4" - 19 BSPP	steel		1.81	46.0	0.99	25.1	7/8"	0.20	5	50
1/4"	2VBF2-B	1/4" - 19 BSPP	brass		1.81	46.0	0.99	25.1	7/8"	0.20	5	50
1/4"	2VBF2-SS	1/4" - 19 BSPP	316 stainless		1.81	46.0	0.99	25.1	7/8"	0.20	5	50
1/4"	2VOF2	7/16" - 20 ORB	steel		1.81	46.0	0.99	25.1	7/8"	0.23	5	50
3/8"	3VF3	3/8" - 18 NPTF	steel		1.94	49.3	1.18	30.0	1"	0.37	5	50
3/8"	3VF3-B	3/8" - 18 NPTF	brass		1.94	49.3	1.18	30.0	1"	0.37	5	50
3/8"	3VF3-SS	3/8" - 18 NPTF	316 stainless		1.94	49.3	1.18	30.0	1"	0.38	5	50
3/8"	3VBF3	3/8" - 19 BSPP	steel		2.01	51.1	1.18	30.0	1"	0.37	5	50
3/8"	3VBF3-B	3/8" - 19 BSPP	brass		2.01	51.1	1.18	30.0	1"	0.37	5	50
3/8"	3VBF3-SS	3/8" - 19 BSPP	316 stainless		2.01	51.1	1.18	30.0	1"	0.38	5	50
3/8"	3VOF3	9/16" - 18 ORB	steel		2.01	51.1	1.18	30.0	1"	0.40	5	50
3/8"	3VF4	1/2" - 14 NPTF	steel		2.01	51.1	1.18	30.0	1"	0.49	5	50
1/2"	4VF4	1/2" - 14 NPTF	steel		2.13	54.1	1.36	34.5	1-3/16"	0.49	5	25
1/2"	4VF4-B	1/2" - 14 NPTF	brass		2.13	54.1	1.36	34.5	1-3/16"	0.49	5	25
1/2"	4VF4-SS	1/2" - 14 NPTF	316 stainless		2.13	54.1	1.36	34.5	1-3/16"	0.52	5	25
1/2"	4VBF4	1/2" - 14 BSPP	steel		2.13	54.1	1.36	34.5	1-3/16"	0.49	5	25
1/2"	4VBF4-B	1/2" - 14 BSPP	brass		2.13	54.1	1.36	34.5	1-3/16"	0.49	5	25
1/2"	4VBF4-SS	1/2" - 14 BSPP	316 stainless		2.13	54.1	1.36	34.5	1-3/16"	0.52	5	25
1/2"	4VOF4	3/4" - 16 ORB	steel		2.13	54.1	1.36	34.5	1-3/16"	0.54	5	25
1/2"	4VF6	3/4" - 14 NPTF	steel		2.13	54.1	1.36	34.5	1-3/16"	0.58	5	25
3/4"	6VF6	3/4" - 14 NPTF	steel		2.47	62.7	1.67	42.4	1-1/2"	0.88	5	20
3/4"	6VF6-B	3/4" - 14 NPTF	brass		2.47	62.7	1.67	42.4	1-1/2"	0.88	5	20
3/4"	6VF6-SS	3/4" - 14 NPTF	316 stainless		2.47	62.7	1.67	42.4	1-1/2"	0.94	5	20
3/4"	6VBF6	3/4" - 14 BSPP	steel		2.96	75.2	1.67	42.4	1-1/2"	0.88	5	20
3/4"	6VBF6-B	3/4" - 14 BSPP	brass		2.96	75.2	1.67	42.4	1-1/2"	0.88	5	20
3/4"	6VBF6-SS	3/4" - 14 BSPP	316 stainless		2.96	75.2	1.67	42.4	1-1/2"	0.94	5	20
3/4"	6VOF6	1-1/16" - 12 ORB	steel		2.96	75.2	1.67	42.4	1-1/2"	0.99	5	20
1"	8VF8	1" - 11 1/2 NPTF	steel		2.70	68.6	2.06	52.3	1-7/8"	1.33	-	10
1"	8VF8-B	1" - 11 1/2 NPTF	brass		2.70	68.6	2.06	52.3	1-7/8"	1.33	-	10
1"	8VF8-SS	1" - 11 1/2 NPTF	316 stainless		2.70	68.6	2.06	52.3	1-7/8"	1.33	-	10
1"	8VBF8	1" - 11 BSPP	steel		2.97	75.4	2.06	52.3	1-7/8"	1.33	-	10
1"	8VBF8-B	1" - 11 BSPP	brass		2.97	75.4	2.06	52.3	1-7/8"	1.33	-	10
1"	8VBF8-SS	1" - 11 BSPP	316 stainless		2.97	75.4	2.06	52.3	1-7/8"	1.33	-	10
1"	8VOF8	1-5/16" - 12 ORB	steel		2.97	75.4	2.06	52.3	1-7/8"	1.42	-	10

V-Series Hydraulic Couplings



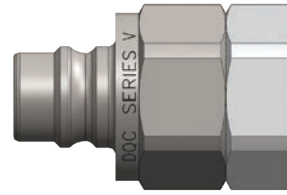
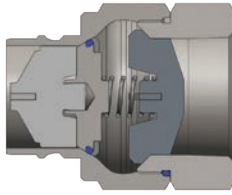
Body Size	V-Series Snap-Tite H/H Interchange Valved Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	V2F1	1/8" - 27 NPTF	steel		1.62	41.1	0.97	24.6	7/8"	0.17	5	50
1/4"	V2F2	1/4" - 18 NPTF	steel		1.62	41.1	0.97	24.6	7/8"	0.14	5	50
1/4"	V2F2-B	1/4" - 18 NPTF	brass		1.62	41.1	0.97	24.6	7/8"	0.14	5	50
1/4"	V2F2-SS	1/4" - 18 NPTF	316 stainless		1.62	41.1	0.97	24.6	7/8"	0.15	5	50
1/4"	V2BF2	1/4" - 19 BSPP	steel		1.75	44.5	0.97	24.6	7/8"	0.14	5	50
1/4"	V2BF2-B	1/4" - 19 BSPP	brass		1.75	44.5	0.97	24.6	7/8"	0.14	5	50
1/4"	V2BF2-SS	1/4" - 19 BSPP	316 stainless		1.75	44.5	0.97	24.6	7/8"	0.14	5	50
1/4"	V2OF2	7/16" - 20 ORB	steel		1.75	44.5	0.97	24.6	7/8"	0.16	5	50
3/8"	V3F3	3/8" - 18 NPTF	steel		1.87	47.5	1.10	27.9	1"	0.23	5	50
3/8"	V3F3-B	3/8" - 18 NPTF	brass		1.87	47.5	1.10	27.9	1"	0.23	5	50
3/8"	V3F3-SS	3/8" - 18 NPTF	316 stainless		1.87	47.5	1.10	27.9	1"	0.23	5	50
3/8"	V3BF3	3/8" - 19 BSPP	steel		1.94	49.3	1.10	27.9	1"	0.23	5	50
3/8"	V3BF3-B	3/8" - 19 BSPP	brass		1.94	49.3	1.10	27.9	1"	0.23	5	50
3/8"	V3BF3-SS	3/8" - 19 BSPP	316 stainless		1.94	49.3	1.10	27.9	1"	0.23	5	50
3/8"	V3OF3	9/16" - 18 ORB	steel		1.94	49.3	1.10	27.9	1"	0.25	5	50
3/8"	V3F4	1/2" - 14 NPTF	steel		1.94	49.3	1.10	27.9	1"	0.27	5	50
1/2"	V4F4	1/2" - 14 NPTF	steel		1.99	50.5	1.31	33.3	1-3/16"	0.30	5	25
1/2"	V4F4-B	1/2" - 14 NPTF	brass		1.99	50.5	1.31	33.3	1-3/16"	0.30	5	25
1/2"	V4F4-SS	1/2" - 14 NPTF	316 stainless		1.99	50.5	1.31	33.3	1-3/16"	0.30	5	25
1/2"	V4BF4	1/2" - 14 BSPP	steel		1.99	50.5	1.31	33.3	1-3/16"	0.30	5	25
1/2"	V4BF4-B	1/2" - 14 BSPP	brass		1.99	50.5	1.31	33.3	1-3/16"	0.30	5	25
1/2"	V4BF4-SS	1/2" - 14 BSPP	316 stainless		1.99	50.5	1.31	33.3	1-3/16"	0.30	5	25
1/2"	V4OF4	3/4" - 16 ORB	steel		1.99	50.5	1.31	33.3	1-3/16"	0.33	5	25
1/2"	V4F6	3/4" - 14 NPTF	steel		1.99	50.5	1.31	33.3	1-3/16"	0.38	5	25
3/4"	V6F6	3/4" - 14 NPTF	steel		2.31	58.7	1.65	41.9	1-1/2"	0.60	5	20
3/4"	V6F6-B	3/4" - 14 NPTF	brass		2.31	58.7	1.65	41.9	1-1/2"	0.60	5	20
3/4"	V6F6-SS	3/4" - 14 NPTF	316 stainless		2.31	58.7	1.65	41.9	1-1/2"	0.59	5	20
3/4"	V6BF6	3/4" - 14 BSPP	steel		2.80	71.1	1.65	41.9	1-1/2"	0.60	5	20
3/4"	V6BF6-B	3/4" - 14 BSPP	brass		2.80	71.1	1.65	41.9	1-1/2"	0.60	5	20
3/4"	V6BF6-SS	3/4" - 14 BSPP	316 stainless		2.80	71.1	1.65	41.9	1-1/2"	0.61	5	20
3/4"	V6OF6	1-1/16" - 12 ORB	steel		2.80	71.1	1.65	41.9	1-1/2"	0.66	5	20
1"	V8F8	1" - 11 1/2 NPTF	steel		2.60	66.0	2.06	52.3	1-7/8"	0.93	-	10
1"	V8F8-B	1" - 11 1/2 NPTF	brass		2.60	66.0	2.06	52.3	1-7/8"	0.93	-	10
1"	V8F8-SS	1" - 11 1/2 NPTF	316 stainless		2.60	66.0	2.06	52.3	1-7/8"	0.94	-	10
1"	V8BF8	1" - 11 BSPP	steel		2.87	72.9	2.06	52.3	1-7/8"	0.93	-	10
1"	V8BF8-B	1" - 11 BSPP	brass		2.87	72.9	2.06	52.3	1-7/8"	0.94	-	10
1"	V8BF8-SS	1" - 11 BSPP	316 stainless		2.87	72.9	2.06	52.3	1-7/8"	0.93	-	10
1"	V8OF8	1-5/16" - 12 ORB	steel		2.857	72.6	2.06	52.3	1-7/8"	0.98	-	10

V-Series Hydraulic Couplings



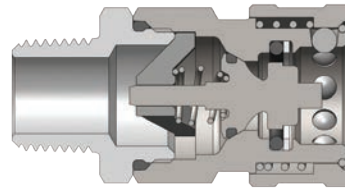
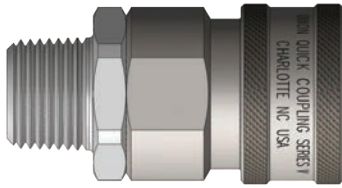
Body Size	V-Series Snap-Tite H/H Interchange Valved Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1-1/4"	10VF10	1-1/4" - 11 1/2 NPTF	steel		3.54	89.9	2.19	55.6	2"	1.94	-	10
1-1/4"	10VF10-B	1-1/4" - 11 1/2 NPTF	brass		3.54	89.9	2.19	55.6	2"	1.94	-	10
1-1/4"	10VF10-SS	1-1/4" - 11 1/2 NPTF	316 stainless		3.54	89.9	2.19	55.6	2"	1.95	-	10
1-1/4"	10VBF10	1-1/4" - 11 BSPP	steel		3.54	89.9	2.19	55.6	2"	1.94	-	10
1-1/4"	10VBF10-B	1-1/4" - 11 BSPP	brass		3.54	89.9	2.19	55.6	2"	1.94	-	10
1-1/4"	10VBF10-SS	1-1/4" - 11 BSPP	316 stainless		3.54	89.9	2.19	55.6	2"	1.95	-	10
1-1/4"	10VOF10	1-5/8" - 12 ORB	steel		3.54	89.9	2.19	55.6	2"	1.92	-	10
1-1/2"	12VF12	1-1/2" - 11 1/2 NPTF	steel		3.27	83.1	2.74	69.6	2-1/2"	2.95	-	5
1-1/2"	12VF12-B	1-1/2" - 11 1/2 NPTF	brass		3.27	83.1	2.74	69.6	2-1/2"	2.95	-	5
1-1/2"	12VF12-SS	1-1/2" - 11 1/2 NPTF	316 stainless		3.27	83.1	2.74	69.6	2-1/2"	2.94	-	5
1-1/2"	12VBF12	1-1/2" - 11 BSPP	steel		3.27	83.1	2.74	69.6	2-1/2"	2.95	-	5
1-1/2"	12VBF12-B	1-1/2" - 11 BSPP	brass		3.27	83.1	2.74	69.6	2-1/2"	2.95	-	5
1-1/2"	12VBF12-SS	1-1/2" - 11 BSPP	316 stainless		3.27	83.1	2.74	69.6	2-1/2"	2.95	-	5
1-1/2"	12VOF12	1-7/8" - 12 ORB	steel		3.27	83.1	2.74	69.6	2-1/2"	3.01	-	5
2"	16VF16	2" - 11 1/2 NPTF	steel		3.92	99.6	3.83	97.3	3-1/2"	6.19	-	5
2"	16VF16-B	2" - 11 1/2 NPTF	brass		3.92	99.6	3.83	97.3	3-1/2"	6.19	-	5
2"	16VF16-SS	2" - 11 1/2 NPTF	316 stainless		3.92	99.6	3.83	97.3	3-1/2"	6.20	-	5
2"	16VBF16	2" - 11 BSPP	steel		3.92	99.6	3.83	97.3	3-1/2"	6.19	-	5
2"	16VBF16-B	2" - 11 BSPP	brass		3.92	99.6	3.83	97.3	3-1/2"	6.19	-	5
2"	16VBF16-SS	2" - 11 BSPP	316 stainless		3.92	99.6	3.83	97.3	3-1/2"	6.19	-	5

V-Series Hydraulic Couplings



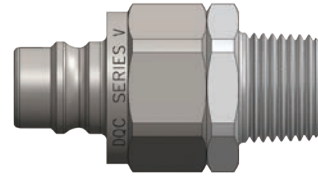
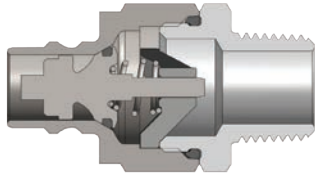
Body Size	V-Series Snap-Tite H/H Interchange Valved Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1-1/4"	V10F10	1-1/4" - 11 1/2 NPTF	steel		3.41	86.6	2.19	55.6	2"	0.52	-	10
1-1/4"	V10F10-B	1-1/4" - 11 1/2 NPTF	brass		3.41	86.6	2.19	55.6	2"	0.52	-	10
1-1/4"	V10F10-SS	1-1/4" - 11 1/2 NPTF	316 stainless		3.41	86.6	2.19	55.6	2"	0.50	-	10
1-1/4"	V10BF10	1-1/4" - 11 BSPP	steel		3.41	86.6	2.19	55.6	2"	0.52	-	10
1-1/4"	V10BF10-B	1-1/4" - 11 BSPP	brass		3.41	86.6	2.19	55.6	2"	0.52	-	10
1-1/4"	V10BF10-SS	1-1/4" - 11 BSPP	316 stainless		3.41	86.6	2.19	55.6	2"	0.51	-	10
1-1/4"	V10OF10	1-5/8" - 12 ORB	steel		3.41	86.6	2.19	55.6	2"	0.59	-	10
1-1/2"	V12F12	1-1/2" - 11 1/2 NPTF	steel		3.11	79.0	2.74	69.6	2-1/2"	2.13	-	5
1-1/2"	V12F12-B	1-1/2" - 11 1/2 NPTF	brass		3.11	79.0	2.74	69.6	2-1/2"	2.13	-	5
1-1/2"	V12F12-SS	1-1/2" - 11 1/2 NPTF	316 stainless		3.11	79.0	2.74	69.6	2-1/2"	2.12	-	5
1-1/2"	V12BF12	1-1/2" - 11 BSPP	steel		3.11	79.0	2.74	69.6	2-1/2"	2.13	-	5
1-1/2"	V12BF12-B	1-1/2" - 11 BSPP	brass		3.11	79.0	2.74	69.6	2-1/2"	2.14	-	5
1-1/2"	V12BF12-SS	1-1/2" - 11 BSPP	316 stainless		3.11	79.0	2.74	69.6	2-1/2"	2.14	-	5
1-1/2"	V12OF12	1-7/8" - 12 ORB	steel		3.11	79.0	2.74	69.6	2-1/2"	2.21	-	5
2"	V16F16	2" - 11 1/2 NPTF	steel		3.72	94.5	3.83	97.3	3-1/2"	4.75	-	5
2"	V16F16-B	2" - 11 1/2 NPTF	brass		3.72	94.5	3.83	97.3	3-1/2"	4.75	-	5
2"	V16F16-SS	2" - 11 1/2 NPTF	316 stainless		3.72	94.5	3.83	97.3	3-1/2"	4.76	-	5
2"	V16BF16	2" - 11 BSPP	steel		3.72	94.5	3.83	97.3	3-1/2"	4.75	-	5
2"	V16BF16-B	2" - 11 BSPP	brass		3.72	94.5	3.83	97.3	3-1/2"	4.75	-	5
2"	V16BF16-SS	2" - 11 BSPP	316 stainless		3.72	94.5	3.83	97.3	3-1/2"	4.73	-	5

V-Series Hydraulic Couplings



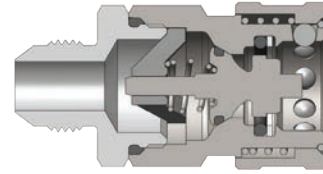
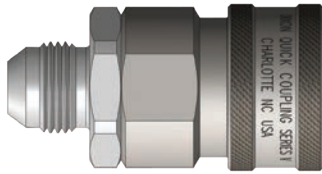
	Part Detail											
	Part Number	Threads	Material	Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
				Inch	mm	Inch	mm			Bag	Box	
	2VM1	1/8" - 27 NPTF	steel	2.12	53.8	0.99	25.1	7/8"	0.21	5	50	
	2VM2	1/4" - 18 NPTF	steel	2.12	53.8	0.99	25.1	7/8"	0.23	5	50	
	2VM2-B	1/4" - 18 NPTF	brass	2.12	53.8	0.99	25.1	7/8"	0.22	5	50	
	2VM2-SS	1/4" - 18 NPTF	316 stainless	2.12	53.8	0.99	25.1	7/8"	0.23	5	50	
	3VM3	3/8" - 18 NPTF	steel	2.32	58.9	1.18	30.0	1"	0.24	5	50	
	3VM3-B	3/8" - 18 NPTF	brass	2.32	58.9	1.18	30.0	1"	0.24	5	50	
	3VM3-SS	3/8" - 18 NPTF	316 stainless	2.32	58.9	1.18	30.0	1"	0.26	5	50	
	4VM4	1/2" - 14 NPTF	steel	2.54	64.5	1.36	34.5	1-3/16"	0.48	5	25	
	4VM4-B	1/2" - 14 NPTF	brass	2.54	64.5	1.36	34.5	1-3/16"	0.47	5	25	
	4VM4-SS	1/2" - 14 NPTF	316 stainless	2.54	64.5	1.36	34.5	1-3/16"	0.47	5	25	
	6VM6	3/4" - 14 NPTF	steel	3.07	78.0	1.67	42.4	1-1/2"	0.92	5	20	
	6VM6-B	3/4" - 14 NPTF	brass	3.07	78.0	1.67	42.4	1-1/2"	0.91	5	20	
	6VM6-SS	3/4" - 14 NPTF	316 stainless	3.07	78.0	1.67	42.4	1-1/2"	0.91	5	20	
	8VM8	1" - 11 1/2 NPTF	steel	3.32	84.3	2.06	52.3	1-7/8"	1.35	-	10	
	8VM8-B	1" - 11 1/2 NPTF	brass	3.32	84.3	2.06	52.3	1-7/8"	1.32	-	10	
	8VM8-SS	1" - 11 1/2 NPTF	316 stainless	3.32	84.3	2.06	52.3	1-7/8"	1.38	-	10	
	10VM10	1-1/4" - 11 1/2 NPTF	steel	3.59	91.2	2.19	55.6	2"	1.84	-	10	
	10VM10-B	1-1/4" - 11 1/2 NPTF	brass	3.59	91.2	2.19	55.6	2"	1.78	-	10	
	10VM10-SS	1-1/4" - 11 1/2 NPTF	316 stainless	3.59	91.2	2.19	55.6	2"	1.79	-	10	
	12VM12	1-1/2" - 11 1/2 NPTF	steel	4.01	101.9	2.74	69.6	2-1/2"	2.98	-	5	
	12VM12-B	1-1/2" - 11 1/2 NPTF	brass	4.01	101.9	2.74	69.6	2-1/2"	2.95	-	5	
	12VM12-SS	1-1/2" - 11 1/2 NPTF	316 stainless	4.01	101.9	2.74	69.6	2-1/2"	2.95	-	5	
	16VM16	2" - 11 1/2 NPTF	steel	4.54	115.3	3.83	97.3	3-1/2"	6.01	-	5	
	16VM16-B	2" - 11 1/2 NPTF	brass	4.54	115.3	3.83	97.3	3-1/2"	6.00	-	5	
	16VM16-SS	2" - 11 1/2 NPTF	316 stainless	4.54	115.3	3.83	97.3	3-1/2"	6.09	-	5	

V-Series Hydraulic Couplings

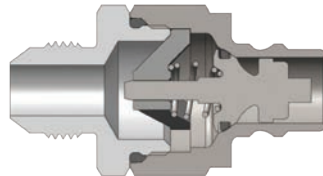
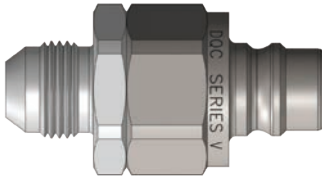


Body Size	V-Series Snap-Tite H/H Interchange Valved Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	V2M1	1/8" - 27 NPTF	steel		2.06	52.3	0.97	24.6	7/8"	0.15	5	50
1/4"	V2M2	1/4" - 18 NPTF	steel		2.06	52.3	0.97	24.6	7/8"	0.16	5	50
1/4"	V2M2-B	1/4" - 18 NPTF	brass		2.06	52.3	0.97	24.6	7/8"	0.16	5	50
1/4"	V2M2-SS	1/4" - 18 NPTF	316 stainless		2.06	52.3	0.97	24.6	7/8"	0.16	5	50
3/8"	V3M3	3/8" - 18 NPTF	steel		2.25	57.2	1.10	27.9	1"	0.21	5	50
3/8"	V3M3-B	3/8" - 18 NPTF	brass		2.25	57.2	1.10	27.9	1"	0.21	5	50
3/8"	V3M3-SS	3/8" - 18 NPTF	316 stainless		2.25	57.2	1.10	27.9	1"	0.21	5	50
1/2"	V4M4	1/2" - 14 NPTF	steel		2.40	61.0	1.31	33.3	1-3/16"	0.31	5	25
1/2"	V4M4-B	1/2" - 14 NPTF	brass		2.40	61.0	1.31	33.3	1-3/16"	0.31	5	25
1/2"	V4M4-SS	1/2" - 14 NPTF	316 stainless		2.40	61.0	1.31	33.3	1-3/16"	0.33	5	25
3/4"	V6M6	3/4" - 14 NPTF	steel		2.91	73.9	1.65	41.9	1-1/2"	0.62	5	20
3/4"	V6M6-B	3/4" - 14 NPTF	brass		2.91	73.9	1.65	41.9	1-1/2"	0.62	5	20
3/4"	V6M6-SS	3/4" - 14 NPTF	316 stainless		2.91	73.9	1.65	41.9	1-1/2"	0.63	5	20
1"	V8M8	1" - 11 1/2 NPTF	steel		3.22	81.8	2.06	52.3	1-7/8"	1.09	-	10
1"	V8M8-B	1" - 11 1/2 NPTF	brass		3.22	81.8	2.06	52.3	1-7/8"	1.09	-	10
1"	V8M8-SS	1" - 11 1/2 NPTF	316 stainless		3.22	81.8	2.06	52.3	1-7/8"	1.15	-	10
1-1/4"	V10M10	1-1/4" - 11 1/2 NPTF	steel		3.46	87.9	2.19	55.6	2"	1.31	-	10
1-1/4"	V10M10-B	1-1/4" - 11 1/2 NPTF	brass		3.46	87.9	2.19	55.6	2"	1.31	-	10
1-1/4"	V10M10-SS	1-1/4" - 11 1/2 NPTF	316 stainless		3.46	87.9	2.19	55.6	2"	1.35	-	10
1-1/2"	V12M12	1-1/2" - 11 1/2 NPTF	steel		3.85	97.8	2.74	69.6	2-1/2"	2.27	-	5
1-1/2"	V12M12-B	1-1/2" - 11 1/2 NPTF	brass		3.85	97.8	2.74	69.6	2-1/2"	2.27	-	5
1-1/2"	V12M12-SS	1-1/2" - 11 1/2 NPTF	316 stainless		3.85	97.8	2.74	69.6	2-1/2"	2.35	-	5
2"	V16M16	2" - 11 1/2 NPTF	steel		4.34	110.2	3.83	97.3	3-1/2"	4.77	-	5
2"	V16M16-B	2" - 11 1/2 NPTF	brass		4.34	110.2	3.83	97.3	3-1/2"	4.77	-	5
2"	V16M16-SS	2" - 11 1/2 NPTF	316 stainless		4.34	110.2	3.83	97.3	3-1/2"	4.79	-	5

V-Series Hydraulic Couplings

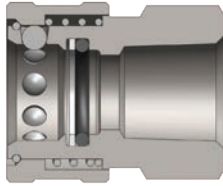


Body Size	V-Series Snap-Tite H/IH Interchange Valved Coupler (JIC Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2VJM2	7/16" - 20 JIC	steel		2.12	53.8	0.99	25.1	7/8"	0.25	5	50
3/8"	3VJM3	9/16" - 18 JIC	steel		2.32	58.9	1.18	30.0	1"	0.30	5	50
1/2"	4VJM4	3/4" - 16 JIC	steel		2.54	64.5	1.36	34.5	1-3/16"	0.51	5	25
3/4"	6VJM6	1-1/16" - 12 JIC	steel		3.07	78.0	1.67	42.4	1-1/2"	0.98	5	20
1"	8VJM8	1-5/16" - 12 JIC	steel		3.32	84.3	2.06	52.3	1-7/8"	1.49	-	10
1-1/4"	10VJM10	1-5/8" - 12 JIC	steel		3.59	91.2	2.19	55.6	2"	1.98	-	10



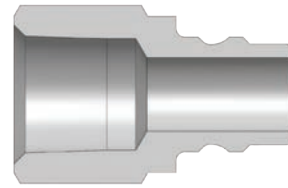
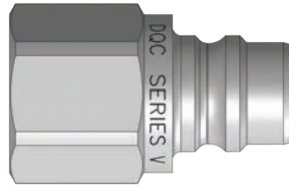
Body Size	V-Series Snap-Tite H/IH Interchange Valved Nipple (JIC Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	V2JM2	7/16" - 20 JIC	steel		2.06	52.3	0.97	24.6	7/8"	0.18	5	50
3/8"	V3JM3	9/16" - 18 JIC	steel		2.25	57.2	1.1	27.9	1"	0.25	5	50
1/2"	V4JM4	3/4" - 16 JIC	steel		2.40	61.0	1.31	33.3	1-3/16"	0.38	5	25
3/4"	V6JM6	1-1/16" - 12 JIC	steel		2.91	73.9	1.65	41.9	1-1/2"	0.72	5	20
1"	V8JM8	1-5/16" - 12 JIC	steel		3.22	81.8	2.06	52.3	1-7/8"	1.36	-	10
1-1/4"	V10JM10	1-5/8" - 12 JIC	steel		3.46	87.9	2.19	55.6	2"	1.46	-	10

V-Series Hydraulic Couplings



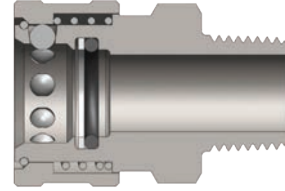
Body Size	V-Series Snap-Tite H/H Interchange Unvalved Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2VF2-E	1/4" - 18 NPTF	steel		1.36	34.5	0.99	25.1	7/8"	0.18	5	50
1/4"	2VF2-B-E	1/4" - 18 NPTF	brass		1.36	34.5	0.99	25.1	7/8"	0.18	5	50
1/4"	2VF2-SS-E	1/4" - 18 NPTF	316 stainless		1.36	34.5	0.99	25.1	7/8"	0.18	5	50
1/4"	2VBF2-E	1/4" - 19 BSPP	steel		1.36	34.5	0.99	25.1	7/8"	0.18	5	50
1/4"	2VBF2-B-E	1/4" - 19 BSPP	brass		1.36	34.5	0.99	25.1	7/8"	0.17	5	50
1/4"	2VBF2-SS-E	1/4" - 19 BSPP	316 stainless		1.36	34.5	0.99	25.1	7/8"	0.18	5	50
3/8"	3VF3-E	3/8" - 18 NPTF	steel		1.50	38.1	1.18	30.0	7/8"	0.28	5	50
3/8"	3VF3-B-E	3/8" - 18 NPTF	brass		1.50	38.1	1.18	30.0	7/8"	0.27	5	50
3/8"	3VF3-SS-E	3/8" - 18 NPTF	316 stainless		1.50	38.1	1.18	30.0	7/8"	0.29	5	50
3/8"	3VBF3-E	3/8" - 19 BSPP	steel		1.50	38.1	1.18	30.0	7/8"	0.27	5	50
3/8"	3VBF3-B-E	3/8" - 19 BSPP	brass		1.50	38.1	1.18	30.0	7/8"	0.26	5	50
3/8"	3VBF3-SS-E	3/8" - 19 BSPP	316 stainless		1.50	38.1	1.18	30.0	7/8"	0.29	5	50
1/2"	4VF4-E	1/2" - 14 NPTF	steel		1.64	41.7	1.37	34.8	1-3/16"	0.39	5	25
1/2"	4VF4-B-E	1/2" - 14 NPTF	brass		1.64	41.7	1.37	34.8	1-3/16"	0.39	5	25
1/2"	4VF4-SS-E	1/2" - 14 NPTF	316 stainless		1.64	41.7	1.37	34.8	1-3/16"	0.38	5	25
1/2"	4VBF4-E	1/2" - 14 BSPP	steel		1.64	41.7	1.37	34.8	1-3/16"	0.39	5	25
1/2"	4VBF4-B-E	1/2" - 14 BSPP	brass		1.64	41.7	1.37	34.8	1-3/16"	0.40	5	25
1/2"	4VBF4-SS-E	1/2" - 14 BSPP	316 stainless		1.64	41.7	1.37	34.8	1-3/16"	0.40	5	25
3/4"	6VF6-E	3/4" - 14 NPTF	steel		1.96	49.8	1.67	42.4	1-1/2"	0.64	5	20
3/4"	6VF6-B-E	3/4" - 14 NPTF	brass		1.96	49.8	1.67	42.4	1-1/2"	0.62	5	20
3/4"	6VF6-SS-E	3/4" - 14 NPTF	316 stainless		1.96	49.8	1.67	42.4	1-1/2"	0.61	5	20
3/4"	6VBF6-E	3/4" - 14 BSPP	steel		1.96	49.8	1.67	42.4	1-1/2"	0.64	5	20
3/4"	6VBF6-B-E	3/4" - 14 BSPP	brass		1.96	49.8	1.67	42.4	1-1/2"	0.63	5	20
3/4"	6VBF6-SS-E	3/4" - 14 BSPP	316 stainless		1.96	49.8	1.67	42.4	1-1/2"	0.64	5	20
1"	8VF8-E	1" - 11 1/2 NPTF	steel		2.10	53.3	1.99	50.5	1-13/16"	1.05	-	10
1"	8VF8-B-E	1" - 11 1/2 NPTF	brass		2.10	53.3	1.99	50.5	1-13/16"	1.02	-	10
1"	8VF8-SS-E	1" - 11 1/2 NPTF	316 stainless		2.10	53.3	1.99	50.5	1-13/16"	1.02	-	10
1"	8VBF8-E	1" - 11 BSPP	steel		2.10	53.3	1.99	50.5	1-13/16"	1.04	-	10
1"	8VBF8-B-E	1" - 11 BSPP	brass		2.10	53.3	1.99	50.5	1-13/16"	1.03	-	10
1"	8VBF8-SS-E	1" - 11 BSPP	316 stainless		2.10	53.3	1.99	50.5	1-13/16"	1.04	-	10
1-1/4"	10VF10-E	1-1/4" - 11 1/2 NPTF	steel		2.28	57.9	2.19	55.6	2"	1.08	-	10
1-1/4"	10VF10-B-E	1-1/4" - 11 1/2 NPTF	brass		2.28	57.9	2.19	55.6	2"	1.10	-	10
1-1/4"	10VF10-SS-E	1-1/4" - 11 1/2 NPTF	316 stainless		2.28	57.9	2.19	55.6	2"	1.10	-	10
1-1/4"	10VBF10-E	1-1/4" - 11 BSPP	steel		2.28	57.9	2.19	55.6	2"	1.10	-	10
1-1/4"	10VBF10-B-E	1-1/4" - 11 BSPP	brass		2.28	57.9	2.19	55.6	2"	1.09	-	10
1-1/4"	10VBF10-SS-E	1-1/4" - 11 BSPP	316 stainless		2.28	57.9	2.19	55.6	2"	1.10	-	10
1-1/2"	12VF12-E	1-1/2" - 11 1/2 NPTF	steel		2.57	65.3	2.74	69.6	2-1/2"	1.78	-	5
1-1/2"	12VF12-B-E	1-1/2" - 11 1/2 NPTF	brass		2.57	65.3	2.74	69.6	2-1/2"	1.78	-	5
1-1/2"	12VF12-SS-E	1-1/2" - 11 1/2 NPTF	316 stainless		2.57	65.3	2.74	69.6	2-1/2"	1.78	-	5
2"	16VF16-E	2" - 11 1/2 NPTF	steel		2.48	63.0	3.56	90.4	3-1/4"	3.12	-	5
2"	16VF16-B-E	2" - 11 1/2 NPTF	brass		2.48	63.0	3.56	90.4	3-1/4"	3.13	-	5
2"	16VF16-SS-E	2" - 11 1/2 NPTF	316 stainless		2.48	63.0	3.56	90.4	3-1/4"	3.13	-	5

V-Series Hydraulic Couplings



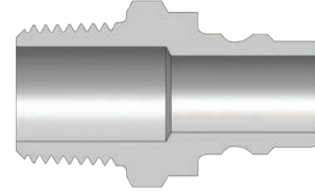
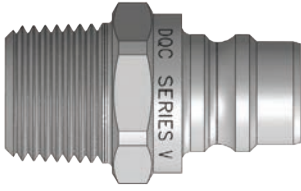
Body Size	V-Series Snap-Tite H/H Interchange Unvalved Nipple (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	V2F2-E	1/4" - 18 NPTF	steel	1.27	32.3	0.69	17.5	5/8"	0.05	5	50	
1/4"	V2F2-B-E	1/4" - 18 NPTF	brass	1.27	32.3	0.69	17.5	5/8"	0.06	5	50	
1/4"	V2F2-SS-E	1/4" - 18 NPTF	316 stainless	1.27	32.3	0.69	17.5	5/8"	0.06	5	50	
1/4"	V2BF2-E	1/4" - 19 BSPP	steel	1.27	32.3	0.69	17.5	5/8"	0.06	5	50	
1/4"	V2BF2-B-E	1/4" - 19 BSPP	brass	1.27	32.3	0.69	17.5	5/8"	0.06	5	50	
1/4"	V2BF2-SS-E	1/4" - 19 BSPP	316 stainless	1.27	32.3	0.69	17.5	5/8"	0.05	5	50	
3/8"	V3F3-E	3/8" - 18 NPTF	steel	1.41	35.8	0.90	22.9	13/16"	0.08	5	50	
3/8"	V3F3-B-E	3/8" - 18 NPTF	brass	1.41	35.8	0.90	22.9	13/16"	0.08	5	50	
3/8"	V3F3-SS-E	3/8" - 18 NPTF	316 stainless	1.41	35.8	0.90	22.9	13/16"	0.08	5	50	
3/8"	V3BF3-E	3/8" - 19 BSPP	steel	1.41	35.8	0.90	22.9	13/16"	0.07	5	50	
3/8"	V3BF3-B-E	3/8" - 19 BSPP	brass	1.41	35.8	0.90	22.9	13/16"	0.08	5	50	
3/8"	V3BF3-SS-E	3/8" - 19 BSPP	316 stainless	1.41	35.8	0.90	22.9	13/16"	0.07	5	50	
1/2"	V4F4-E	1/2" - 14 NPTF	steel	1.72	43.7	1.10	27.9	1"	0.18	5	25	
1/2"	V4F4-B-E	1/2" - 14 NPTF	brass	1.72	43.7	1.10	27.9	1"	0.18	5	25	
1/2"	V4F4-SS-E	1/2" - 14 NPTF	316 stainless	1.72	43.7	1.10	27.9	1"	0.18	5	25	
1/2"	V4BF4-E	1/2" - 14 BSPP	steel	1.72	43.7	1.10	27.9	1"	0.17	5	25	
1/2"	V4BF4-B-E	1/2" - 14 BSPP	brass	1.72	43.7	1.10	27.9	1"	0.17	5	25	
1/2"	V4BF4-SS-E	1/2" - 14 BSPP	316 stainless	1.72	43.7	1.10	27.9	1"	0.16	5	25	
3/4"	V6F6-E	3/4" - 14 NPTF	steel	1.86	47.2	1.31	33.3	1-3/16"	0.22	5	20	
3/4"	V6F6-B-E	3/4" - 14 NPTF	brass	1.86	47.2	1.31	33.3	1-3/16"	0.22	5	20	
3/4"	V6F6-SS-E	3/4" - 14 NPTF	316 stainless	1.86	47.2	1.31	33.3	1-3/16"	0.22	5	20	
3/4"	V6BF6-E	3/4" - 14 BSPP	steel	1.86	47.2	1.31	33.3	1-3/16"	0.23	5	20	
3/4"	V6BF6-B-E	3/4" - 14 BSPP	brass	1.86	47.2	1.31	33.3	1-3/16"	0.22	5	20	
3/4"	V6BF6-SS-E	3/4" - 14 BSPP	316 stainless	1.86	47.2	1.31	33.3	1-3/16"	0.22	5	20	
1"	V8F8-E	1" - 11 1/2 NPTF	steel	2.08	52.8	1.65	41.9	1-1/2"	0.38	-	10	
1"	V8F8-B-E	1" - 11 1/2 NPTF	brass	2.08	52.8	1.65	41.9	1-1/2"	0.38	-	10	
1"	V8F8-SS-E	1" - 11 1/2 NPTF	316 stainless	2.08	52.8	1.65	41.9	1-1/2"	0.38	-	10	
1"	V8BF8-E	1" - 11 BSPP	steel	2.08	52.8	1.65	41.9	1-1/2"	0.38	-	10	
1"	V8BF8-B-E	1" - 11 BSPP	brass	2.08	52.8	1.65	41.9	1-1/2"	0.38	-	10	
1"	V8BF8-SS-E	1" - 11 BSPP	316 stainless	2.08	52.8	1.65	41.9	1-1/2"	0.38	-	10	
1-1/4"	V10F10-E	1-1/4" - 11 1/2 NPTF	steel	2.22	56.4	2.06	52.3	1-7/8"	0.57	-	10	
1-1/4"	V10F10-B-E	1-1/4" - 11 1/2 NPTF	brass	2.22	56.4	2.06	52.3	1-7/8"	0.56	-	10	
1-1/4"	V10F10-SS-E	1-1/4" - 11 1/2 NPTF	316 stainless	2.22	56.4	2.06	52.3	1-7/8"	0.56	-	10	
1-1/4"	V10BF10-E	1-1/4" - 11 BSPP	steel	2.22	56.4	2.06	52.3	1-7/8"	0.57	-	10	
1-1/4"	V10BF10-B-E	1-1/4" - 11 BSPP	brass	2.22	56.4	2.06	52.3	1-7/8"	0.55	-	10	
1-1/4"	V10BF10-SS-E	1-1/4" - 11 BSPP	316 stainless	2.22	56.4	2.06	52.3	1-7/8"	0.55	-	10	
1-1/2"	V12F12-E	1-1/2" - 11 1/2 NPTF	steel	2.44	62.0	2.33	59.2	2-1/8"	0.84	-	5	
1-1/2"	V12F12-B-E	1-1/2" - 11 1/2 NPTF	brass	2.44	62.0	2.33	59.2	2-1/8"	0.84	-	5	
1-1/2"	V12F12-SS-E	1-1/2" - 11 1/2 NPTF	316 stainless	2.44	62.0	2.33	59.2	2-1/8"	0.83	-	5	
2"	V16F16-E	2" - 11 1/2 NPTF	steel	2.60	66.0	3.01	76.5	2-3/4"	1.34	-	5	
2"	V16F16-B-E	2" - 11 1/2 NPTF	brass	2.60	66.0	3.01	76.5	2-3/4"	1.34	-	5	
2"	V16F16-SS-E	2" - 11 1/2 NPTF	316 stainless	2.60	66.0	3.01	76.5	2-3/4"	1.35	-	5	

V-Series Hydraulic Couplings



Body Size	V-Series Snap-Tite H/IH Interchange Unvalved Coupler (Male Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2VM2-E	1/4" - 18 NPTF	steel	1.82	46.2	0.99	25.1	5/8"	0.19	5	50	
1/4"	2VM2-B-E	1/4" - 18 NPTF	brass	1.82	46.2	0.99	25.1	5/8"	0.19	5	50	
1/4"	2VM2-SS-E	1/4" - 18 NPTF	316 stainless	1.82	46.2	0.99	25.1	5/8"	0.19	5	50	
3/8"	3VM3-E	3/8" - 18 NPTF	steel	1.76	44.7	1.18	30.0	13-16"	0.28	5	50	
3/8"	3VM3-B-E	3/8" - 18 NPTF	brass	1.76	44.7	1.18	30.0	13/16"	0.28	5	50	
3/8"	3VM3-SS-E	3/8" - 18 NPTF	316 stainless	1.76	44.7	1.18	30.0	13/16"	0.29	5	50	
1/2"	4VM4-E	1/2" - 14 NPTF	steel	2.03	51.6	1.37	34.8	1"	0.38	5	25	
1/2"	4VM4-B-E	1/2" - 14 NPTF	brass	2.03	51.6	1.37	34.8	1"	0.36	5	25	
1/2"	4VM4-SS-E	1/2" - 14 NPTF	316 stainless	2.03	51.6	1.37	34.8	1"	0.38	5	25	
3/4"	6VM6-E	3/4" - 14 NPTF	steel	2.29	58.2	1.67	42.4	1-3/16"	0.62	5	20	
3/4"	6VM6-B-E	3/4" - 14 NPTF	brass	2.29	58.2	1.67	42.4	1-3/16"	0.62	5	20	
3/4"	6VM6-SS-E	3/4" - 14 NPTF	316 stainless	2.29	58.2	1.67	42.4	1-3/16"	0.60	5	20	
1"	8VM8-E	1" - 11 1/2 NPTF	steel	2.39	60.7	1.99	50.5	1-1/2"	0.88	-	10	
1"	8VM8-B-E	1" - 11 1/2 NPTF	brass	2.39	60.7	1.99	50.5	1-1/2"	0.90	-	10	
1"	8VM8-SS-E	1" - 11 1/2 NPTF	316 stainless	2.39	60.7	1.99	50.5	1-1/2"	0.89	-	10	
1-1/4"	10VM10-E	1-1/4" - 11 1/2 NPTF	steel	2.78	70.6	2.19	55.6	1-7/8"	1.20	-	10	
1-1/4"	10VM10-SS-E	1-1/4" - 11 1/2 NPTF	316 stainless	2.78	70.6	2.19	55.6	1-7/8"	1.20	-	10	
1-1/2"	12VM12-E	1-1/2" - 11 1/2 NPTF	steel	3.08	78.2	2.74	69.6	2-1/8"	2.08	-	5	
1-1/2"	12VM12-SS-E	1-1/2" - 11 1/2 NPTF	316 stainless	3.08	78.2	2.74	69.6	2-1/8"	2.08	-	5	
2"	16VM16-E	2" - 11 1/2 NPTF	steel	3.10	78.7	3.56	90.4	2-1/2"	3.73	-	5	
2"	16VM16-SS-E	2" - 11 1/2 NPTF	316 stainless	3.10	78.7	3.56	90.4	2-1/2"	3.73	-	5	

V-Series Hydraulic Couplings

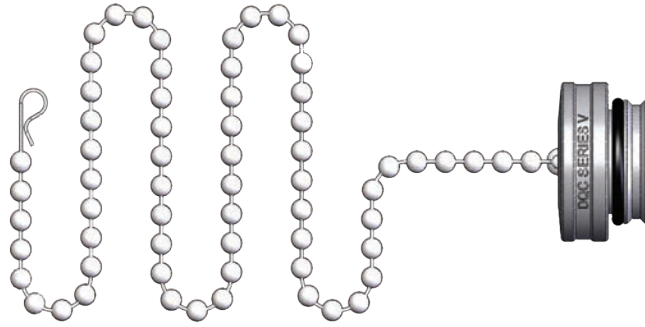


Body Size	V-Series Snap-Tite H/IH Interchange Unvalved Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	V2M2-E	1/4" - 18 NPTF	steel		1.52	38.6	0.69	17.5	5/8"	0.16	5	50
1/4"	V2M2-B-E	1/4" - 18 NPTF	brass		1.52	38.6	0.69	17.5	5/8"	0.16	5	50
1/4"	V2M2-SS-E	1/4" - 18 NPTF	316 stainless		1.52	38.6	0.69	17.5	5/8"	0.16	5	50
3/8"	V3M3-E	3/8" - 18 NPTF	steel		1.72	43.7	0.90	22.9	13/16"	0.11	5	50
3/8"	V3M3-B-E	3/8" - 18 NPTF	brass		1.72	43.7	0.90	22.9	13/16"	0.11	5	50
3/8"	V3M3-SS-E	3/8" - 18 NPTF	316 stainless		1.72	43.7	0.90	22.9	13/16"	0.11	5	50
1/2"	V4M4-E	1/2" - 14 NPTF	steel		1.80	45.7	1.10	27.9	1"	0.15	5	25
1/2"	V4M4-B-E	1/2" - 14 NPTF	brass		1.80	45.7	1.10	27.9	1"	0.15	5	25
1/2"	V4M4-SS-E	1/2" - 14 NPTF	316 stainless		1.80	45.7	1.10	27.9	1"	0.15	5	25
3/4"	V6M6-E	3/4" - 14 NPTF	steel		2.19	55.6	1.31	33.3	1-3/16"	0.30	5	20
3/4"	V6M6-B-E	3/4" - 14 NPTF	brass		2.19	55.6	1.31	33.3	1-3/16"	0.28	5	20
3/4"	V6M6-SS-E	3/4" - 14 NPTF	316 stainless		2.19	55.6	1.31	33.3	1-3/16"	0.28	5	20
1"	V8M8-E	1" - 11 1/2 NPTF	steel		2.31	58.7	1.65	41.9	1-1/2"	0.40	-	10
1"	V8M8-B-E	1" - 11 1/2 NPTF	brass		2.31	58.7	1.65	41.9	1-1/2"	0.40	-	10
1"	V8M8-SS-E	1" - 11 1/2 NPTF	316 stainless		2.31	58.7	1.65	41.9	1-1/2"	0.40	-	10
1-1/4"	V10M10-E	1-1/4" - 11 1/2 NPTF	steel		2.14	54.4	2.06	52.3	1-7/8"	0.83	-	10
1-1/4"	V10M10-SS-E	1-1/4" - 11 1/2 NPTF	316 stainless		2.14	54.4	2.06	52.3	1-7/8"	0.83	-	10
1-1/2"	V12M12-E	1-1/2" - 11 1/2 NPTF	steel		2.34	59.4	2.33	59.2	2-1/8"	1.08	-	5
1-1/2"	V12M12-SS-E	1-1/2" - 11 1/2 NPTF	316 stainless		2.34	59.4	2.33	59.2	2-1/8"	1.07	-	5
2"	V16M16-E	2" - 11 1/2 NPTF	steel		3.06	77.7	2.74	69.6	2-1/2"	1.44	-	5
2"	V16M16-SS-E	2" - 11 1/2 NPTF	316 stainless		3.06	77.7	2.74	69.6	2-1/2"	1.44	-	5

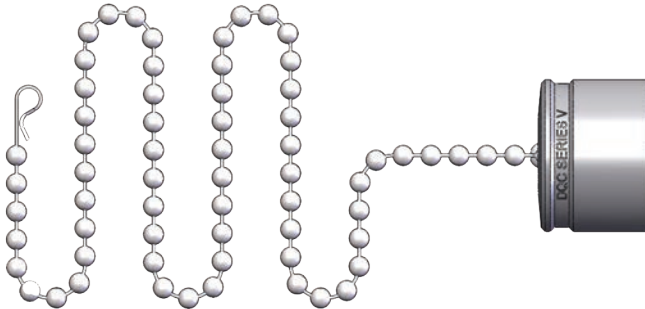


Body Size	V-Series Dust Caps and Dust Plugs					
	Part Detail			List Price	Package Qty	
	Coupler Dust Plug	Nipple Dust Cap	Material		Bag	Box
1/4"	1HDP	V2DC	Nitrile		10	50
3/8"	3VDP-V3DC	3VDP-V3DC	Nitrile		10	50
1/2"	3KDP-K3DC	3KDP-K3DC	Nitrile		10	50
3/4"	6VDP-V6DC	6VDP-V6DC	Nitrile		5	25
1"	8VDP-V8DC	8VDP-V8DC	Nitrile		5	25

V-Series Hydraulic Couplings



Body Size	V-Series Coupler Rigid Dust Plug						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
1/4"	2VDP-A	SS Bead Chain	aluminum	0.02	5	50	
3/8"	3VDP-A	SS Bead Chain	aluminum	0.02	5	50	
1/2"	4VDP-A	SS Bead Chain	aluminum	0.03	5	25	
3/4"	6VDP-A	SS Bead Chain	aluminum	0.09	5	20	
1"	8VDP-A	SS Bead Chain	aluminum	0.14	-	10	
1-1/4"	10VDP-A	SS Bead Chain	aluminum	0.29	-	10	
1-1/2"	12VDP-A	SS Bead Chain	aluminum	0.31	-	10	
2"	16VDP-A	SS Bead Chain	aluminum	0.49	-	10	



Body Size	V-Series Nipple Rigid Dust Cap						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
1/4"	V2DC-A	SS Bead Chain	aluminum	0.03	5	50	
3/8"	V3DC-A	SS Bead Chain	aluminum	0.07	5	50	
1/2"	V4DC-A	SS Bead Chain	aluminum	0.13	5	25	
3/4"	V6DC-A	SS Bead Chain	aluminum	0.19	5	20	
1"	V8DC-A	SS Bead Chain	aluminum	0.26	-	10	
1-1/4"	V10DC-A	SS Bead Chain	aluminum	0.25	-	10	
1-1/2"	V12DC-A	SS Bead Chain	aluminum	0.37	-	10	
2"	V16DC-A	SS Bead Chain	aluminum	0.52	-	10	

V-Series Hydraulic Couplings

V-Series Snap-Tite H/H Interchange Coupler Seal Kits							
Body Size	<i>Part Detail</i>				<i>Seal Kit Contents</i>	<i>Package Qty</i>	
	<i>Part Number</i>	<i>Coupler Style</i>	<i>Seal Material</i>			<i>Bag</i>	<i>Box</i>
1/4"	2V-SKIT	all	Nitrile		Body/Adapter O-Rings and PTFE Back-up	25	200
1/4"	F-2V-SKIT	all	Viton®		Body/Adapter O-Rings and PTFE Back-up	25	200
1/4"	P-2V-SKIT	all	EPDM		Body/Adapter O-Rings and PTFE Back-up	25	200
3/8"	3V-SKIT	all	Nitrile		Body/Adapter O-Rings and PTFE Back-up	25	200
3/8"	F-3V-SKIT	all	Viton®		Body/Adapter O-Rings and PTFE Back-up	25	200
3/8"	P-3V-SKIT	all	EPDM		Body/Adapter O-Rings and PTFE Back-up	25	200
1/2"	4V-SKIT	all	Nitrile		Body/Adapter O-Rings and PTFE Back-up	25	200
1/2"	F-4V-SKIT	all	Viton®		Body/Adapter O-Rings and PTFE Back-up	25	200
1/2"	P-4V-SKIT	all	EPDM		Body/Adapter O-Rings and PTFE Back-up	25	200
3/4"	6V-SKIT	all	Nitrile		Body/Adapter O-Rings and PTFE Back-up	25	200
3/4"	F-6V-SKIT	all	Viton®		Body/Adapter O-Rings and PTFE Back-up	25	200
3/4"	P-6V-SKIT	all	EPDM		Body/Adapter O-Rings and PTFE Back-up	25	200
1"	8V-SKIT	all	Nitrile		Body/Adapter O-Rings and PTFE Back-up	25	200
1"	F-8V-SKIT	all	Viton®		Body/Adapter O-Rings and PTFE Back-up	25	200
1"	P-8V-SKIT	all	EPDM		Body/Adapter O-Rings and PTFE Back-up	25	200
1-1/4"	10V-SKIT	all	Nitrile		Body/Adapter/Valve O-Rings and Back-up	10	50
1-1/4"	F-10V-SKIT	all	Viton®		Body/Adapter/Valve O-Rings and Back-up	10	50
1-1/4"	P-10V-SKIT	all	EPDM		Body/Adapter/Valve O-Rings and Back-up	10	50
1-1/2"	12V-SKIT	all	Nitrile		Body/Adapter/Valve O-Rings and Back-up	10	50
1-1/2"	F-12V-SKIT	all	Viton®		Body/Adapter/Valve O-Rings and Back-up	10	50
1-1/2"	P-12V-SKIT	all	EPDM		Body/Adapter/Valve O-Rings and Back-up	10	50
2"	16V-SKIT	all	Nitrile		Body/Adapter/Valve O-Rings and Back-up	10	50
2"	F-16V-SKIT	all	Viton®		Body/Adapter/Valve O-Rings and Back-up	10	50
2"	P-16V-SKIT	all	EPDM		Body/Adapter/Valve O-Rings and Back-up	10	50

V-Series Hydraulic Couplings

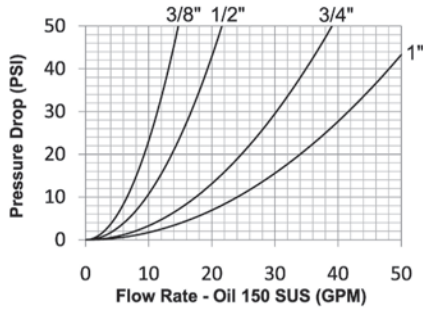
V-Series Snap-Tite H/IH Interchange Coupler Repair Kits							
Body Size	Part Detail			Repair Kit Contents (for one coupler)	Package Qty		
	Part Number	Coupler Style	Seal Material		Bag	Box	
1/4"	2V-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1/4"	2V-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
1/4"	2V-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
3/8"	3V-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
3/8"	3V-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
3/8"	3V-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
1/2"	4V-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1/2"	4V-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
1/2"	4V-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
3/4"	6V-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
3/4"	6V-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
3/4"	6V-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
1"	8V-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1"	8V-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
1"	8V-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
1-1/4"	140030-10	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1-1/4"	140032-10	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
1-1/2"	140030-12	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1-1/2"	140032-12	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
2"	140030-16	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
2"	140032-16	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	

V-Series Snap-Tite H/IH Interchange Nipple Repair Kits							
Body Size	Part Detail			Repair Kit Contents (for one nipple)	Package Qty		
	Part Number	Coupler Style	Seal Material		Bag	Box	
1/4"	V2-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1/4"	V2-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
1/4"	V2-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
3/8"	V3-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
3/8"	V3-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
3/8"	V3-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
1/2"	V4-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1/2"	V4-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
1/2"	V4-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
3/4"	V6-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
3/4"	V6-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
3/4"	V6-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
1"	V8-RKIT	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1"	V8-BRKIT	brass	Nitrile	Brass Valve Assembly and Adapter O-Ring	1	25	
1"	V8-SSRKIT	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
1-1/4"	140030-10	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1-1/4"	140032-10	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
1-1/2"	140030-12	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
1-1/2"	140032-12	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	
2"	140030-16	steel	Nitrile	Steel Valve Assembly and Adapter O-Ring	1	25	
2"	140032-16	316 stainless	Nitrile	316 SS Valve Assembly and Adapter O-Ring	1	25	

TR-Series Hydraulic Couplings

Interchange Data:

- TEMA European Interchange
- TEMA 3800, 5000, 7500, 10000 Series
- CEJN Series 525



Materials:

- Machined components are manufactured using solid steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Steel nipples are hardened to provide heavy duty performance.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- Couplers have a redundant O-Ring sealing system (dual O-Rings with inner PTFE back-up ring).
- Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection.

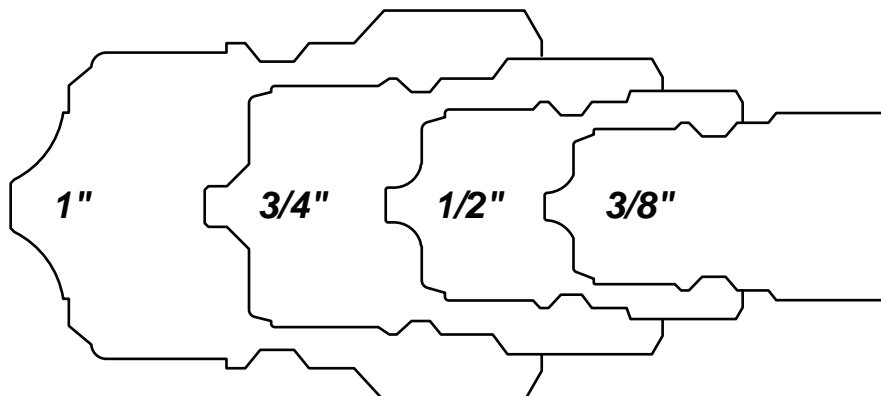
Rated Pressure Chart:

Body Size	R-Series TEMA European Interchange (Connected)			
	Steel Coupler/Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
3/8"	5,000	345	20,000	1,400
1/2"	4,000	275	16,500	1,100
3/4"	4,000	275	15,400	1,000
1"	3,200	220	12,800	900

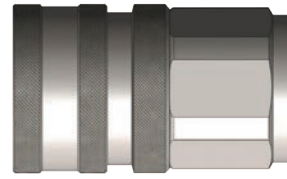
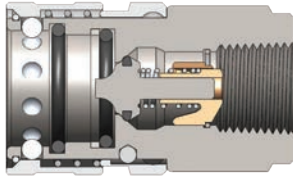
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow $\Delta P = 22$ PSI
3/8"	-	-	-	-	9	2.8cc	1.9cc	28	10 GPM
1/2"	-	-	-	-	9	3.9cc	3.1cc	28	15 GPM
3/4"	-	-	-	-	9	10.5cc	10.1cc	28	26 GPM
1"	-	-	-	-	9	14.7cc	14.2cc	28	36 GPM

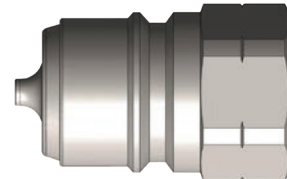
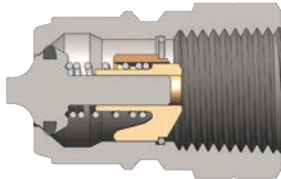
TR Interchange Profiles



TR-Series Hydraulic Couplings



Body Size	TR-Series TEMA European Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	3TRF3	3/8" - 18 NPTF	steel		2.52	64.0	1.38	35.0	30	0.51	10	50
3/8"	3TRBF3	3/8" - 19 BSPP	steel		2.52	64.0	1.38	35.0	30	0.51	10	50
1/2"	4TRF4	1/2" - 14 NPTF	steel		2.62	66.5	1.57	40.0	36	0.80	5	25
1/2"	4TRBF4	1/2" - 14 BSPP	steel		2.62	66.5	1.57	40.0	36	0.80	5	25
3/4"	6TRF6	3/4" - 14 NPTF	steel		3.35	85.0	2.05	52.0	41	1.40	-	10
3/4"	6TRBF6	3/4" - 14 BSPP	steel		3.35	85.0	2.05	52.0	41	1.40	-	10
1"	8TRF8	1" - 11 1/2 NPTF	steel		3.90	99.0	2.56	65.0	55	1.95	-	10
1"	8TRBF8	1" - 11 BSPP	steel		3.90	99.0	2.56	65.0	55	1.95	-	10



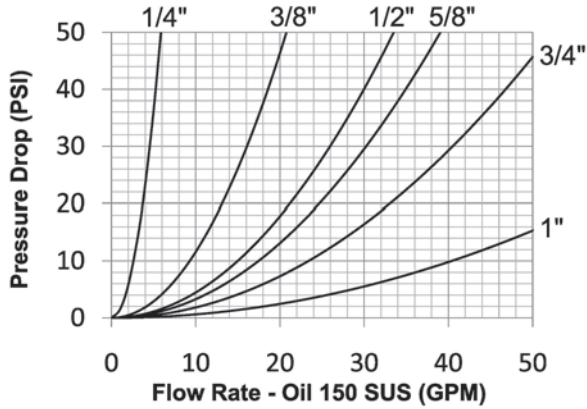
Body Size	TR-Series TEMA European Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	TR3F3	3/8" - 18 NPTF	steel		1.59	40.5	1.00	25.4	22	0.16	10	50
3/8"	TR3BF3	3/8" - 19 BSPP	steel		1.59	40.5	1.00	25.4	22	0.16	10	50
1/2"	TR4F4	1/2" - 14 NPTF	steel		1.63	41.5	1.23	31.1	27	0.26	5	25
1/2"	TR4BF4	1/2" - 14 BSPP	steel		1.63	41.5	1.23	31.1	27	0.26	5	25
3/4"	TR6F6	3/4" - 14 NPTF	steel		2.20	56.0	1.63	41.5	36	0.46	-	10
3/4"	TR6BF6	3/4" - 14 BSPP	steel		2.20	56.0	1.63	41.5	36	0.46	-	10
1"	TR8F8	1" - 11 1/2 NPTF	steel		2.48	63.0	2.09	53.0	46	0.80	-	10
1"	TR8BF8	1" - 11 BSPP	steel		2.48	63.0	2.09	53.0	46	0.80	-	10

Body Size	TR-Series TEMA European Coupler Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
3/8"	3TR-SKIT	all	Nitrile		Two O-Rings	25	200
1/2"	4TR-SKIT	all	Nitrile		Two O-Rings	25	200
3/4"	6TR-SKIT	all	Nitrile		Two O-Rings	25	200
1"	8TR-SKIT	all	Nitrile		Two O-Rings	25	200

HT-Series Hydraulic Couplings

Interchange Data:

- Interchangeable to ISO16028
- Parker FEM-Series, Snap-Tite 74-Series, Hansen FF, Aeroquip/Eaton FD89, Stucchi FIRG/Series 'A', FASTER FFN/FFI/2FFN/2FFI, Safeway FF49-Series



Materials:

- Machined components are manufactured using solid steel or 316 stainless steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Steel nipples are hardened to provide resistance to brinelling during impulse service.

Seal Components:

- 1/4" to 3/4" nipples have molded Polyurethane valve seals, with a temperature range of -65°F to +212°F (-54°C to +100°C).
- 1" nipples have Nitrile-Energized PTFE valve seals, with a temperature range of -40°F to +250°F (-40°C to +121°C).
- Couplers have a polyurethane valve stem O-Ring, with a temperature range of -65°F to +212°F (-54°C to +100°C).
- Ancillary coupler and nipple seals are Nitrile (Buna-N), temperature range of -40°F to +250°F (-40°C to +121°C).
- PTFE Anti-Extrusion ring protects main coupling valve seal from dynamic impulse pressure damage.

Rated Pressure Chart:

Body Size	HT-Series ISO16028 Flushface															
	Steel Coupler/Plug Coupled				316SS Coupler/Plug Coupled				Steel Coupler Uncoupled				Steel Plug Uncoupled			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	4575	316	18,300	1262	-	-	-	-	4575	316	18,300	1262	4575	316	18,300	1262
3/8"	4375	302	17,500	1207	3500	241	17,500	1207	4375	302	17,500	1207	4375	302	17,500	1207
1/2"	4250	293	17,000	1172	3400	234	17,000	1172	4250	293	17,000	1172	4250	293	17,000	1172
5/8"	3650	252	14,600	1007	2920	201	14,600	1007	3650	252	14,600	1007	3650	252	14,600	1007
3/4"	3650	252	14,600	1007	2920	201	14,600	1007	3650	252	14,600	1007	3650	252	14,600	1007
1"	3650	252	14,600	1007	2920	201	14,600	1007	3650	252	14,600	1007	3650	252	14,600	1007

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow $\Delta P = 15$ PSI
1/4"	-	-	ISO16028	-	12	0.020cc	0.015cc	N/R	3.2 GPM
3/8"	-	-	ISO16028	T3.20.15	12	0.020cc	0.015cc	N/R	11 GPM
1/2"	-	-	ISO16028	-	12	0.070cc	0.020cc	N/R	18 GPM
5/8"	-	-	ISO16028	-	12	0.070cc	0.030cc	N/R	21 GPM
3/4"	-	-	ISO16028	-	12	0.100cc	0.150cc	N/R	28 GPM
1"	-	-	ISO16028	-	12	0.150cc	0.200cc	N/R	50 GPM

List Price Seal Option Adders:

Body Size	Standard Seal Options										Kalrez® Seal Options						Treatments			
	Viton®		EPDM		FDA Viton®		Mil-Nitrile		Fuel Nitrile		Silicone		4079		6375		7075		Oxy-Clean	
	Pre	Add\$	Pre	Add\$	Pre	Add\$	Pre	Add\$	Pre	Add\$	Pre	Add\$	Pre	Add\$	Pre	Add\$	Pre	Add\$	Suf	Add\$
1/4"	F-		P-	0	D-	POR	M-	POR	JF-	POR	S-	POR	K4-	POR	K6-	POR	K7-	POR	-C1	
3/8"	F-		P-		D-	POR	M-	POR	JF-	POR	S-	POR	K4-	POR	K6-	POR	K7-	POR	-C1	
1/2"	F-		P-		D-	POR	M-	POR	JF-	POR	S-	POR	K4-	POR	K6-	POR	K7-	POR	-C1	
5/8"	F-		P-		D-	POR	M-	POR	JF-	POR	S-	POR	K4-	POR	K6-	POR	K7-	POR	-C1	
3/4"	F-		P-		D-	POR	M-	POR	JF-	POR	S-	POR	K4-	POR	K6-	POR	K7-	POR	-C1	
1"	F-		P-		D-	POR	M-	POR	JF-	POR	S-	POR	K4-	POR	K6-	POR	K7-	POR	-C1	

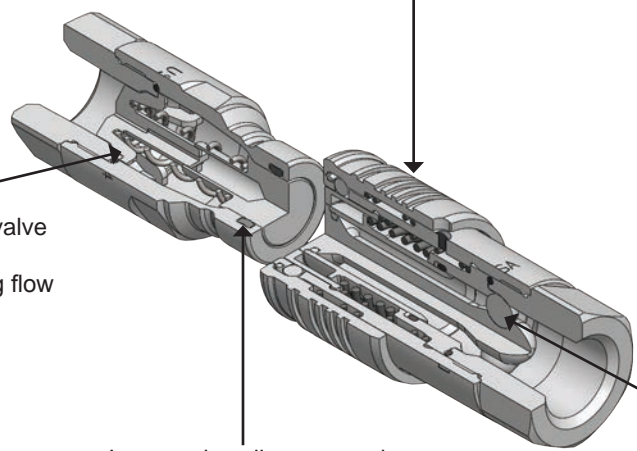
HT-Series Hydraulic Couplings

Compact Profile!

Bulkhead mountable sleeve for breakaway, multi-plate, or Blindmate installations.

High Flow Performance!

High strength laser-cut valve guide maximizes valve stability while minimizing flow restriction.



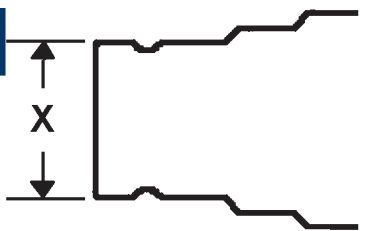
DORS (dual opposing retention spheres) retention system prevents valve stem ejection during surge flow and pressure spike conditions.

Improved sealing system incorporates a high performance molded polyurethane or O-ring energized PTFE valve seal.

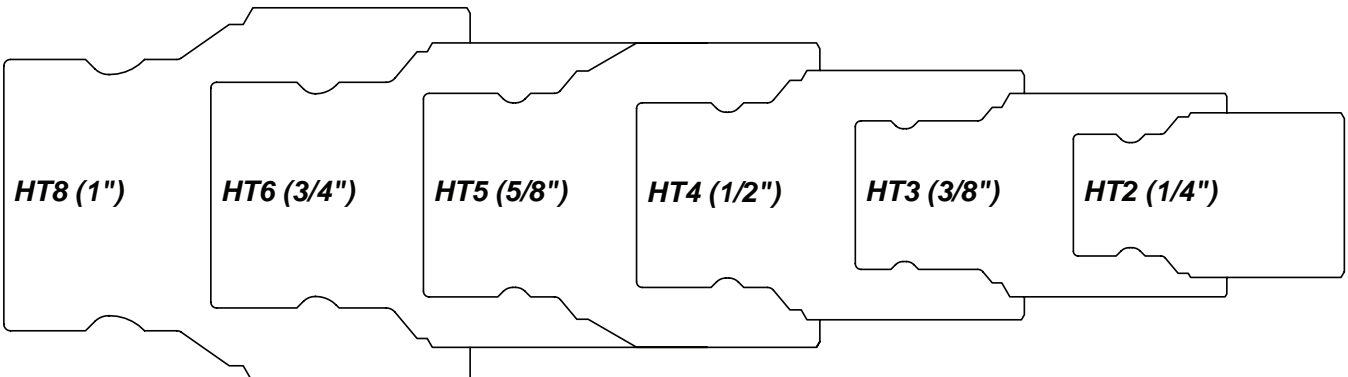
Easily Rebuildable Coupler & Nipple!

Using the Nipple Profile Dimensions to Select Proper Size

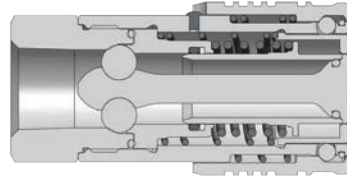
ISO16028 Body Size	Minimum Dimension 'X' Measurement	Maximum Dimension 'X' Measurement
1/4"	0.634" (16.10 mm)	0.638" (16.20 mm)
3/8"	0.774" (19.66 mm)	0.779" (19.79 mm)
1/2"	0.963" (24.45 mm)	0.968" (24.58 mm)
5/8"	1.061" (26.95 mm)	1.066" (27.08 mm)
3/4"	1.176" (29.87 mm)	1.181" (30.00 mm)
1"	1.415" (35.94mm)	1.420" (36.07 mm)



Using the Profile Layover to Select Proper Size

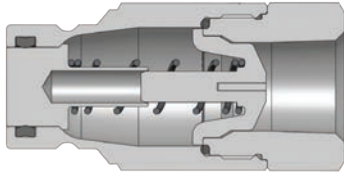


HT-Series Hydraulic Couplings



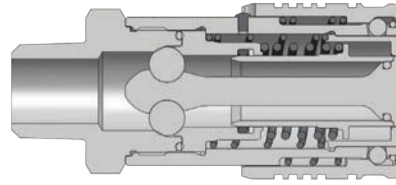
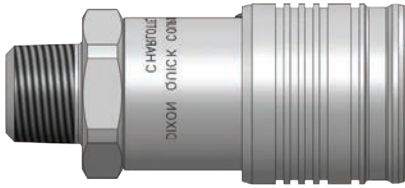
Body Size	HT-Series ISO16028 Flushface Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2HTF2	1/4" - 18 NPTF	steel		1.98	50.3	1.11	28.3	7/8"	0.23	-	25
1/4"	2HTBF2	1/4" - 19 BSPP	steel		1.98	50.3	1.11	28.3	7/8"	0.23	-	25
3/8"	3HTF3	3/8" - 18 NPTF	steel		2.50	63.5	1.24	31.5	1"	0.44	-	25
3/8"	3HTF3-SS	3/8" - 18 NPTF	316 stainless		2.50	63.5	1.24	31.5	1"	0.44	-	25
3/8"	3HTBF3	3/8" - 19 BSPP	steel		2.50	63.5	1.24	31.5	1"	0.44	-	25
3/8"	3HTBF3-SS	3/8" - 19 BSPP	316 stainless		2.50	63.5	1.24	31.5	1"	0.44	-	25
3/8"	3HTOF3	9/16" - 18 ORB	steel		2.50	63.5	1.24	31.5	1"	0.49	-	25
3/8"	3HTF4	1/2" - 14 NPTF	steel		2.72	69.1	1.24	31.5	1-1/8"	0.48	-	25
3/8"	3HTF4-SS	1/2" - 14 NPTF	316 stainless		2.72	69.1	1.24	31.5	1-1/8"	0.48	-	25
3/8"	3HTBF4	1/2" - 14 BSPP	steel		2.72	69.1	1.24	3.5	1-1/8"	0.48	-	25
3/8"	3HTBF4-SS	1/2" - 14 BSPP	316 stainless		2.72	69.1	1.24	31.5	1-1/8"	0.48	-	25
3/8"	3HTOF4	3/4" - 16 ORB	steel		2.72	69.1	1.24	31.5	1-1/8"	0.53	-	25
1/2"	4HTF4	1/2" - 14 NPTF	steel		3.02	76.7	1.54	39.1	1-3/16"	0.86	-	20
1/2"	4HTF4-SS	1/2" - 14 NPTF	316 stainless		3.02	76.7	1.54	39.1	1-3/16"	0.86	-	20
1/2"	4HTBF4	1/2" - 14 BSPP	steel		3.02	76.7	1.54	39.1	1-3/16"	0.86	-	20
1/2"	4HTBF4-SS	1/2" - 14 BSPP	316 stainless		3.02	76.7	1.54	39.1	1-3/16"	0.86	-	20
1/2"	4HTOF4	3/4" - 16 ORB	steel		3.02	76.7	1.54	39.1	1-3/16"	0.86	-	20
1/2"	4HTOF5	7/8" - 14 ORB	steel		3.12	79.2	1.54	39.1	1-5/16"	0.92	-	20
1/2"	4HTF6	3/4" - 14 NPTF	steel		3.22	81.8	1.54	39.1	1-5/16"	0.98	-	20
1/2"	4HTF6-SS	3/4" - 14 NPTF	316 stainless		3.22	81.8	1.54	39.1	1-5/16"	0.98	-	20
1/2"	4HTBF6	3/4" - 14 BSPP	steel		3.22	81.8	1.54	39.1	1-5/16"	0.98	-	20
1/2"	4HTBF6-SS	3/4" - 14 BSPP	316 stainless		3.22	81.8	1.54	39.1	1-5/16"	0.98	-	20
1/2"	4HTOF6	1-1/16" - 12 ORB	steel		3.42	86.9	1.54	39.1	1-5/16"	0.96	-	20
5/8"	5HTOF5	7/8" - 14 ORB	steel		3.32	84.3	1.67	42.4	1-1/2"	1.58	-	10
5/8"	5HTF6	3/4" - 14 NPTF	steel		3.32	84.3	1.67	42.4	1-1/2"	1.51	-	10
5/8"	5HTF6-SS	3/4" - 14 NPTF	316 stainless		3.32	84.3	1.67	42.4	1-1/2"	1.51	-	10
5/8"	5HTBF6	3/4" - 14 BSPP	steel		3.32	84.3	1.67	42.4	1-1/2"	1.51	-	10
5/8"	5HTBF6-SS	3/4" - 14 BSPP	316 stainless		3.32	84.3	1.67	42.4	1-1/2"	1.51	-	10
5/8"	5HTOF6	1-1/16" - 12 ORB	steel		3.32	84.3	1.67	42.4	1-1/2"	1.49	-	10
3/4"	6HTOF5	7/8" - 14 ORB	steel		3.70	94.0	1.85	47.0	1-1/2"	1.82	-	10
3/4"	6HTF6	3/4" - 14 NPTF	steel		3.70	94.0	1.85	47.0	1-1/2"	1.82	-	10
3/4"	6HTF6-SS	3/4" - 14 NPTF	316 stainless		3.70	94.0	1.85	47.0	1-1/2"	1.82	-	10
3/4"	6HTBF6	3/4" - 14 BSPP	steel		3.70	94.0	1.85	47.0	1-1/2"	1.82	-	10
3/4"	6HTBF6-SS	3/4" - 14 BSPP	316 stainless		3.70	94.0	1.85	47.0	1-1/2"	1.82	-	10
3/4"	6HTOF6	1-1/16" - 12 ORB	steel		3.70	94.0	1.85	47.0	1-1/2"	1.91	-	10
3/4"	6HTF8	1" - 11 1/2 NPTF	steel		3.82	97.0	1.92	48.8	1-3/4"	2.06	-	10
3/4"	6HTF8-SS	1" - 11 1/2 NPTF	316 stainless		3.82	97.0	1.92	48.8	1-3/4"	2.06	-	10
3/4"	6HTBF8	1" - 11 BSPP	steel		3.82	97.0	1.92	48.8	1-3/4"	2.06	-	10
3/4"	6HTBF8-SS	1" - 11 BSPP	316 stainless		3.82	97.0	1.92	48.8	1-3/4"	2.06	-	10
3/4"	6HTOF8	1-5/16" - 12 ORB	steel		3.82	97.0	1.92	48.8	1-3/4"	2.16	-	10
1"	8HTF8	1" - 11 1/2 NPTF	steel		4.24	107.7	2.29	58.2	1-3/4"	2.67	-	10
1"	8HTF8-SS	1" - 11 1/2 NPTF	316 stainless		4.24	107.7	2.29	58.2	1-3/4"	2.67	-	10
1"	8HTBF8	1" - 11 BSPP	steel		4.24	107.7	2.29	58.2	1-3/4"	2.67	-	10
1"	8HTBF8-SS	1" - 11 BSPP	316 stainless		4.24	107.7	2.29	58.2	1-3/4"	2.67	-	10
1"	8HTOF8	1-5/16" - 12 ORB	steel		4.24	107.7	2.29	58.2	1-3/4"	2.68	-	10
1"	8HTF10	1-1/4" - 11 1/2 NPTF	steel		4.34	110.2	2.29	58.2	2"	2.75	-	10
1"	8HTF10-SS	1-1/4" - 11 1/2 NPTF	316 stainless		4.34	110.2	2.29	58.2	2"	2.75	-	10
1"	8HTBF10	1-1/4" - 11 BSPP	steel		4.29	109.0	2.29	58.2	2"	2.75	-	10
1"	8HTBF10-SS	1-1/4" - 11 BSPP	316 stainless		4.29	109.0	2.29	58.2	2"	2.75	-	10
1"	8HTOF10	1-5/8" - 12 ORB	steel		4.24	107.7	2.29	58.2	2"	2.84	-	10

HT-Series Hydraulic Couplings

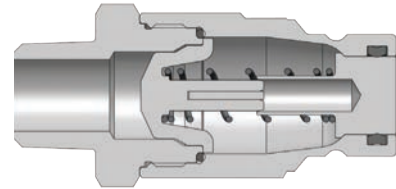
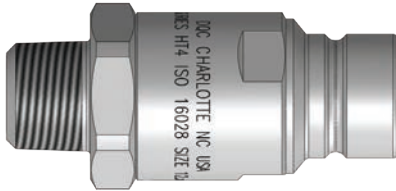


Body Size	HT-Series ISO16028 Flushface Interchange Nipple (Female Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	HT2F2	1/4" - 18 NPTF	steel	1.89	48.00	0.97	24.6	7/8"	0.16	-	25	
1/4"	HT2BF2	1/4" - 19 BSPP	steel	1.89	48.00	0.97	24.6	7/8"	0.16	-	25	
3/8"	HT3F3	3/8" - 18 NPTF	steel	2.48	63.0	1.10	27.9	1"	0.27	-	25	
3/8"	HT3F3-SS	3/8" - 18 NPTF	316 stainless	2.48	63.0	1.10	27.9	1"	0.27	-	25	
3/8"	HT3BF3	3/8" - 19 BSPP	steel	2.48	63.0	1.10	27.9	1"	0.27	-	25	
3/8"	HT3BF3-SS	3/8" - 19 BSPP	316 stainless	2.48	63.0	1.10	27.9	1"	0.27	-	25	
3/8"	HT3OF3	9/16" - 18 ORB	steel	2.48	63.0	1.10	27.9	1"	0.34	-	25	
3/8"	HT3F4	1/2" - 14 NPTF	steel	2.70	68.6	1.24	31.5	1-1/8"	0.31	-	25	
3/8"	HT3F4-SS	1/2" - 14 NPTF	316 stainless	2.70	68.6	1.24	31.5	1-1/8"	0.31	-	25	
3/8"	HT3BF4	1/2" - 14 BSPP	steel	2.70	68.6	1.24	31.5	1-1/8"	0.31	-	25	
3/8"	HT3BF4-SS	1/2" - 14 BSPP	316 stainless	2.70	68.6	1.24	31.5	1-1/8"	0.31	-	25	
3/8"	HT3OF4	3/4" - 16 ORB	steel	2.70	68.6	1.24	31.5	1-1/8"	0.35	-	25	
1/2"	HT4F4	1/2" - 14 NPTF	steel	2.63	66.8	1.31	33.3	1-3/16"	0.42	-	20	
1/2"	HT4F4-SS	1/2" - 14 NPTF	316 stainless	2.63	66.8	1.31	33.3	1-3/16"	0.42	-	20	
1/2"	HT4BF4	1/2" - 14 BSPP	steel	2.63	66.8	1.31	33.3	1-3/16"	0.42	-	20	
1/2"	HT4BF4-SS	1/2" - 14 BSPP	316 stainless	2.63	66.8	1.31	33.3	1-3/16"	0.42	-	20	
1/2"	HT4OF4	3/4" - 16 ORB	steel	2.63	66.8	1.31	33.3	1-3/16"	0.40	-	20	
1/2"	HT4OF5	7/8" - 14 ORB	steel	2.63	69.3	1.31	33.3	1-5/16"	0.43	-	20	
1/2"	HT4F6	3/4" - 14 NPTF	steel	2.73	71.9	1.44	36.6	1-5/16"	0.53	-	20	
1/2"	HT4F6-SS	3/4" - 14 NPTF	316 stainless	2.83	71.9	1.44	36.6	1-5/16"	0.53	-	20	
1/2"	HT4BF6	3/4" - 14 BSPP	steel	2.83	71.9	1.44	36.6	1-5/16"	0.53	-	20	
1/2"	HT4BF6-SS	3/4" - 14 BSPP	316 stainless	2.83	71.9	1.44	36.6	1-5/16"	0.53	-	20	
1/2"	HT4OF6	1-1/16" - 12 ORB	steel	3.03	77.0	1.44	36.6	1-5/16"	0.58	-	20	
5/8"	HT5OF5	7/8" - 14 ORB	steel	2.88	73.2	1.65	41.9	1-1/2"	0.90	-	10	
5/8"	HT5F6	3/4" - 14 NPTF	steel	2.88	73.2	1.65	41.9	1-1/2"	0.95	-	10	
5/8"	HT5F6-SS	3/4" - 14 NPTF	316 stainless	2.88	73.2	1.65	41.9	1-1/2"	0.95	-	10	
5/8"	HT5BF6	3/4" - 14 BSPP	steel	2.88	73.2	1.65	41.9	1-1/2"	0.95	-	10	
5/8"	HT5BF6-SS	3/4" - 14 BSPP	316 stainless	2.88	73.2	1.65	41.9	1-1/2"	0.95	-	10	
5/8"	HT5OF6	1-1/16" - 12 ORB	steel	2.88	73.2	1.65	41.9	1-1/2"	1.02	-	10	
3/4"	HT6OF5	7/8" - 14 ORB	steel	3.42	86.9	1.65	41.9	1-1/2"	1.00	-	10	
3/4"	HT6F6	3/4" - 14 NPTF	steel	3.42	86.9	1.65	41.9	1-1/2"	1.00	-	10	
3/4"	HT6F6-SS	3/4" - 14 NPTF	316 stainless	3.42	86.9	1.65	41.9	1-1/2"	1.00	-	10	
3/4"	HT6BF6	3/4" - 14 BSPP	steel	3.42	86.9	1.65	41.9	1-1/2"	1.00	-	10	
3/4"	HT6BF6-SS	3/4" - 14 BSPP	316 stainless	3.42	86.9	1.65	41.9	1-1/2"	1.00	-	10	
3/4"	HT6OF6	1-1/16" - 12 ORB	steel	3.42	86.9	1.65	41.9	1-1/2"	1.02	-	10	
3/4"	HT6F8	1" - 11 1/2 NPTF	steel	3.54	89.9	1.92	48.8	1-3/4"	1.15	-	10	
3/4"	HT6F8-SS	1" - 11 1/2 NPTF	316 stainless	3.54	89.9	1.92	48.8	1-3/4"	1.15	-	10	
3/4"	HT6BF8	1" - 11 BSPP	steel	3.54	89.9	1.92	48.8	1-3/4"	1.15	-	10	
3/4"	HT6BF8-SS	1" - 11 BSPP	316 stainless	3.54	89.9	1.92	48.8	1-3/4"	1.15	-	10	
3/4"	HT6OF8	1-5/16" - 12 ORB	steel	3.54	89.9	1.92	48.8	1-3/4"	1.12	-	10	
1"	HT8F8	1" - 11 1/2 NPTF	steel	3.50	88.9	1.96	49.8	1-3/4"	1.69	-	10	
1"	HT8F8-SS	1" - 11 1/2 NPTF	316 stainless	3.50	88.9	1.96	49.8	1-3/4"	1.69	-	10	
1"	HT8BF8	1" - 11 BSPP	steel	3.50	88.9	1.96	49.8	1-3/4"	1.69	-	10	
1"	HT8BF8-SS	1" - 11 BSPP	316 stainless	3.50	88.9	1.96	49.8	1-3/4"	1.69	-	10	
1"	HT8OF8	1-5/16" - 12 ORB	steel	3.50	88.9	1.96	49.8	1-3/4"	1.65	-	10	
1"	HT8F10	1-1/4" - 11 1/2 NPTF	steel	3.61	91.7	2.19	55.6	2"	1.84	-	10	
1"	HT8F10-SS	1-1/4" - 11 1/2 NPTF	316 stainless	3.61	91.7	2.19	55.6	2"	1.84	-	10	
1"	HT8BF10	1-1/4" - 11 BSPP	steel	3.55	90.2	2.19	55.6	2"	1.84	-	10	
1"	HT8BF10-SS	1-1/4" - 11 BSPP	316 stainless	3.55	90.2	2.19	55.6	2"	1.84	-	10	
1"	HT8OF10	1-5/8" - 12 ORB	steel	3.51	89.2	2.19	55.6	2"	1.93	-	10	

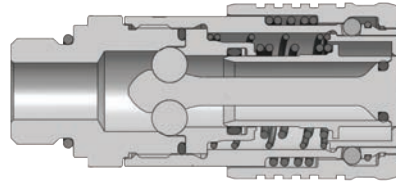
HT-Series Hydraulic Couplings



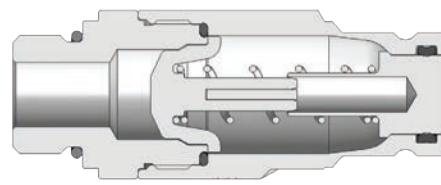
Body Size	HT-Series ISO16028 Flushface Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	3HTM3	3/8" - 18 NPTF	steel		2.88	73.2	1.24	31.5	1-1/8"	0.46	5	25
3/8"	3HTM4	1/2" - 14 NPTF	steel		2.97	75.4	1.24	31.5	1-1/8"	0.48	5	25
1/2"	4HTM4	1/2" - 14 NPTF	steel		3.42	86.9	1.54	39.1	1-5/16"	0.97	-	20



Body Size	HT-Series ISO16028 Flushface Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	HT3M3	3/8" - 18 NPTF	steel		2.87	72.9	1.24	31.5	1-1/8"	0.31	5	25
3/8"	HT3M4	1/2" - 14 NPTF	steel		2.96	75.2	1.24	31.5	1-1/8"	0.38	5	25
1/2"	HT4M4	1/2" - 14 NPTF	steel		3.03	77.0	1.44	36.6	1-5/16"	0.42	-	20

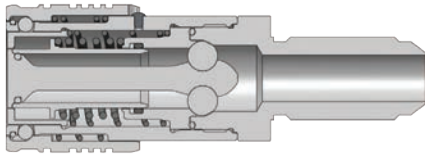


Body Size	HT-Series ISO16028 Flushface Interchange Coupler (Male ORB Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	3HTOM4	3/4" - 16 ORB	steel		2.75	69.9	1.24	31.5	1-1/16"	0.47	5	25

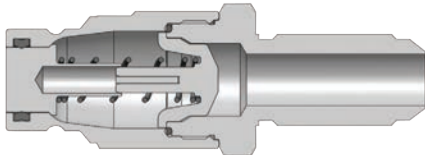


Body Size	HT-Series ISO16028 Flushface Interchange Nipple (Male ORB Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	HT3OM4	3/4" 16 ORB	steel		2.73	69.3	1.17	29.7	1-1/16"	0.47	5	25

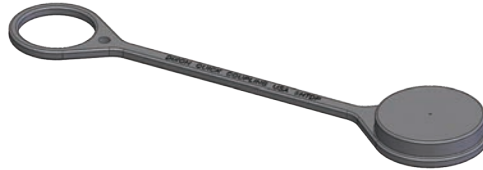
HT-Series Hydraulic Couplings



Body Size	HT-Series ISO16028 Flushface Interchange Coupler (Male Bulkhead Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	4HTJB5	7/8" - 14 JIC BH	steel		4.38	111.3	1.54	39.1	1-5/16"	1.08	-	20
1/2"	4HTRB5	1" - 14 ORFS BH	steel		4.37	111.0	1.54	39.1	1-5/16"	1.11	-	20
1/2"	4HTJB6	1-1/6" - 12 JIC BH	steel		4.55	115.6	1.54	39.1	1-5/16"	1.22	-	20



Body Size	HT-Series ISO16028 Flushface Interchange Nipple (Male Bulkhead Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	HT4JB5	7/8" - 14 JIC BH	steel		3.99	101.3	1.44	36.6	1-5/16"	0.42	-	20
1/2"	HT4RB5	1" - 14 ORFS BH	steel		3.98	101.1	1.44	36.6	1-5/16"	0.49	-	20
1/2"	HT4JB6	1-1/6" - 12 JIC BH	steel		4.16	115.6	1.44	36.6	1-5/16"	0.54	-	20

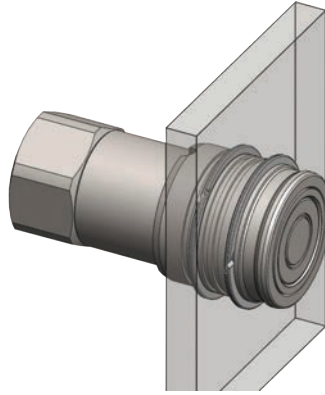


Body Size	HT-Series ISO16028 Flushface Coupler Dust Plug						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Body			Bag	Box	
1/4"	2HTDP	Nitrile		0.05	5	50	
3/8"	3HTDP	Nitrile		0.05	5	50	
1/2"	4HTDP	Nitrile		0.06	5	50	
5/8"	5HTDP	Nitrile		0.07	5	50	
3/4"	6HTDP	Nitrile		0.07	5	50	
1"	8HTDP	Nitrile		0.15	5	50	



Body Size	HT-Series ISO16028 Flushface Nipple Dust Cap					
	Part Detail			Weight Lb	Package Qty	
	Part Number	Body			Bag	Box
1/4"	HT2DC	Nitrile		0.04	5	50
3/8"	HT3DC	Nitrile		0.04	5	50
1/2"	HT4DC	Nitrile		0.04	5	50
5/8"	HT5DC	Nitrile		0.06	5	50
3/4"	HT6DC	Nitrile		0.06	5	50
1"	HT8DC	Nitrile		0.10	5	50

HT-Series Hydraulic Couplings



Body Size	HT-Series ISO16028 Flushface Interchange Coupler Bulkhead Kits						
	Part Detail				Bulkhead Kit Contents	Package Qty	
	Part Number	Mounting Hole ID	Ring Material			Bag	Box
1/4"	2HT-BMK	1.125"	Steel		Two 360° Retaining Rings	1	25
3/8"	3HT-BMK	1.250"	Steel		Two 360° Retaining Rings	1	25
1/2"	4HT-BMK	1.560"	Steel		Two 360° Retaining Rings	1	25
5/8"	5HT-BMK	1.685"	Steel		Two 360° Retaining Rings	1	25
3/4"	6HT-BMK	1.870"	Steel		Two 360° Retaining Rings	1	25
1"	8HT-BMK	2.310"	Steel		Two 360° Retaining Rings	1	25

Body Size	HT-Series ISO16028 Flushface Interchange Coupler Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
1/4"	2HT-SKIT	all	Nitrile		Stem/Adapter/Gland O-Ring, Gland B.U.	25	200
3/8"	3HT-SKIT	all	Nitrile		Stem/Adapter/Gland O-Ring, Gland B.U.	25	200
1/2"	4HT-SKIT	all	Nitrile		Stem/Adapter/Gland O-Ring, Gland B.U.	25	200
5/8"	5HT-SKIT	all	Nitrile		Stem/Adapter/Gland O-Ring, Gland B.U.	25	200
3/4"	6HT-SKIT	all	Nitrile		Stem/Adapter/Gland O-Ring, Gland B.U.	25	200
1"	8HT-SKIT	all	Nitrile		Stem/Adapter/Gland O-Ring, Gland B.U.	25	200

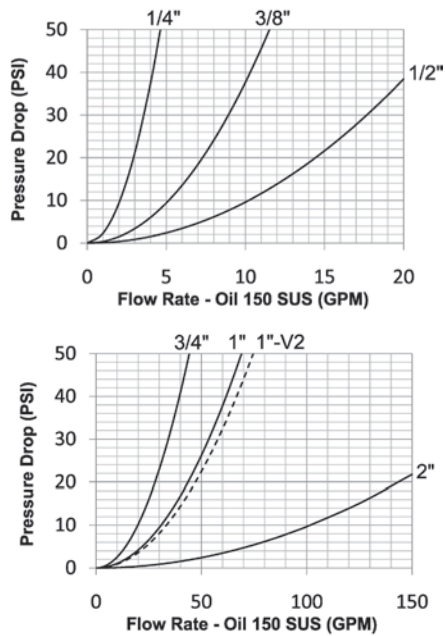
Body Size	HT-Series ISO16028 Flushface Interchange Nipple Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
1/4"	HT2-SKIT-V2	all	Nitrile		Main Valve Seal and Adapter O-Ring	25	200
3/8"	HT3-SKIT-V2	all	Nitrile		Main Valve Seal and Adapter O-Ring	25	200
1/2"	HT4-SKIT-V2	all	Nitrile		Main Valve Seal and Adapter O-Ring	25	200
5/8"	HT5-SKIT-V2	all	Nitrile		Main Valve Seal and Adapter O-Ring	25	200
3/4"	HT6-SKIT-V2	all	Nitrile		Main Valve Seal and Adapter O-Ring	25	200
1"	HT8-SKIT-V2	all	Nitrile		Main Valve Seal and Adapter O-Ring	25	200

Contact Factory for old style O-ring / PTFE back-up nipple seal kits.

ST-Series Hydraulic Couplings

Interchange Data:

- Interchangeable with Snap-Tite 71-Series



Materials:

- Machined components are manufactured using solid steel or 316 stainless bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Steel nipples are hardened to provide heavy duty performance.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- All couplers and nipples incorporate PTFE anti-extrusion rings to protect the seal components from dynamic impulse damage.

Rated Pressure Chart:

Body Size	ST-Series Snap-Tite 71-Series Interchange							
	Steel Coupler/Plug Coupled				316 Stainless Coupler/Plug Coupled			
	Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	10,000	700	27,300	1,800	5,000	345	28,000	1,900
3/8"	10,000	700	27,300	1,800	5,000	345	28,000	1,900
1/2"	10,000	700	22,500	1,500	5,000	345	25,000	1,700
3/4"	7,500	500	20,200	1,400	5,000	345	22,800	1,550
1"	7,500	500	19,400	1,300	4,000	275	18,500	1,250
1"-V2	8,500	585	25,900	1,750	-	-	-	-
2"	5,000	345	16,000	1,100	3,000	200	10,000	700

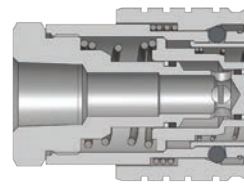
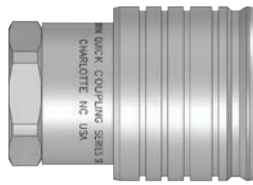
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow $\Delta P = 22$ PSI
1/4"	-	-	-	-	10	0.01cc	0.02cc	N/R	3.1 GPM
3/8"	-	-	-	-	10	0.02cc	0.02cc	N/R	7.7 GPM
1/2"	-	-	-	-	12	0.03cc	0.03cc	N/R	15 GPM
3/4"	-	-	-	-	12	0.04cc	0.06cc	N/R	30 GPM
1"	-	-	-	-	12	0.06cc	0.07cc	N/R	45 GPM
1"-V2	-	-	-	-	12	0.09cc	0.10cc	N/R	50 GPM
2"	-	-	-	-	15	3.14cc	5.25cc	N/R	150 GPM

ST-Series Hydraulic Couplings

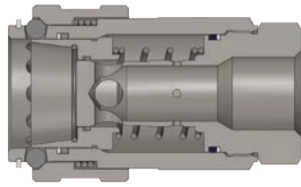
List Price Option Adders:

Body Size	Standard Seal Options								Kalrez® Seal Options						Sleeve		Treatments	
	Viton®		EPDM		Mil-Nitrile		Fuel Nitrile		4079		6375		7075		Locking		Oxy-Clean	
	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Suf	Add \$	Suf	Add \$
1/4"	F-	\$0.00	P-		M-		JF-			POR	K6-	POR	K7-	POR	-LS		-C1	
3/8"	F-	0.00	P-		M-		JF-		K4-	POR	K6-	POR	K7-	POR	-LS		-C1	
1/2"	F-	0.00	P-		M-		JF-		K4-	POR	K6-	POR	K7-	POR	-LS		-C1	
3/4"	F-	0.00	P-		M-		JF-		K4-	POR	K6-	POR	K7-	POR	-LS		-C1	
1"	F-	0.00	P-		M-		JF-		K4-	POR	K6-	POR	K7-	POR	-LS		-C1	
1"-V2	F-	0.00	P-		M-		JF-		K4-	POR	K6-	POR	K7-	POR	-LS		-C1	
2"	F-	0.00	P-		M-		JF-		K4-	POR	K6-	POR	K7-	POR	-LS		-C1	



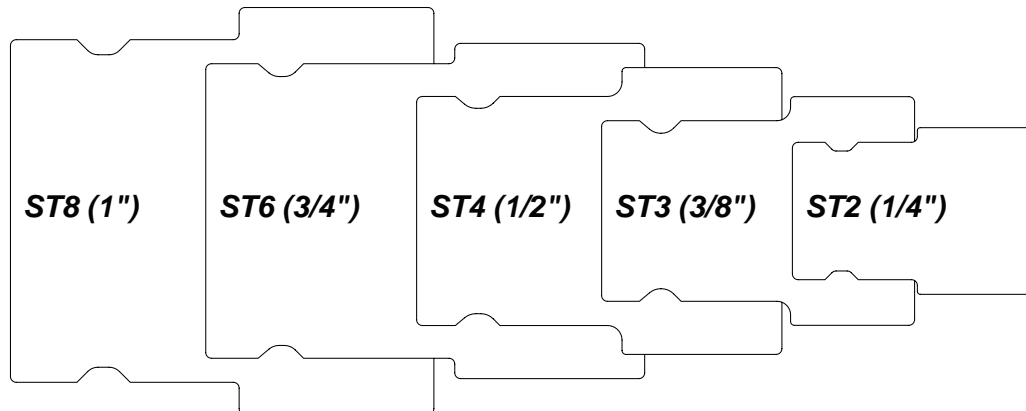
Body Size	ST-Series Snap-Tite 71-Series Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2STF2	1/4" - 18 NPTF	steel		1.96	49.8	1.23	31.2	15/16"	0.25	5	25
1/4"	2STF2-SS	1/4" - 18 NPTF	316 stainless		1.96	49.8	1.23	31.2	15/16"	0.26	5	25
1/4"	2STBF2	1/4" - 19 BSPP	steel		1.96	49.8	1.23	31.2	15/16"	0.25	5	25
1/4"	2STBF2-SS	1/4" - 19 BSPP	316 stainless		1.96	49.8	1.23	31.2	15/16"	0.26	5	25
3/8"	3STF2	1/4" - 18 NPTF	steel		2.36	59.9	1.6	40.6	1-3/16"	0.38	5	25
3/8"	3STF3	3/8" - 18 NPTF	steel		2.36	59.9	1.6	40.6	1-3/16"	0.37	5	25
3/8"	3STF3-SS	3/8" - 18 NPTF	316 stainless		2.36	59.9	1.6	40.6	1-3/16"	0.38	5	25
3/8"	3STBF3	3/8" - 19 BSPP	steel		2.36	59.9	1.6	40.6	1-3/16"	0.37	5	25
3/8"	3STBF3-SS	3/8" - 19 BSPP	316 stainless		2.36	59.9	1.6	40.6	1-3/16"	0.38	5	25
3/8"	3STF4	1/2" - 14 NPTF	steel		2.36	59.9	1.6	40.6	1-3/16"	0.36	5	25
3/8"	3STF4-SS	1/2" - 14 NPTF	316 stainless		2.36	59.9	1.6	40.6	1-3/16"	0.37	5	25
3/8"	3STBF4	1/2" - 14 BSPP	steel		2.36	59.9	1.6	40.6	1-3/16"	0.36	5	25
3/8"	3STBF4-SS	1/2" - 14 BSPP	316 stainless		2.36	59.9	1.6	40.6	1-3/16"	0.37	5	25
1/2"	4STF4	1/2" - 14 NPTF	steel		2.77	70.4	1.98	50.3	1-1/2"	0.47	-	20
1/2"	4STF4-SS	1/2" - 14 NPTF	316 stainless		2.77	70.4	1.98	50.3	1-1/2"	0.49	-	20
1/2"	4STBF4	1/2" - 14 BSPP	steel		2.77	70.4	1.98	50.3	1-1/2"	0.47	-	20
1/2"	4STBF4-SS	1/2" - 14 BSPP	316 stainless		2.77	70.4	1.98	50.3	1-1/2"	0.49	-	20
1/2"	4STOF4	3/4" - 16 ORB	steel		2.77	70.4	1.98	50.3	1-1/2"	0.49	-	20
3/4"	6STF6	3/4" - 14 NPTF	steel		3.03	77.0	2.35	59.7	1-3/4"	1.98	-	10
3/4"	6STF6-SS	3/4" - 14 NPTF	316 stainless		3.03	77.0	2.35	59.7	1-3/4"	2.05	-	10
3/4"	6STBF6	3/4" - 14 BSPP	steel		3.03	77.0	2.351	59.7	1-3/4"	1.98	-	10
3/4"	6STBF6-SS	3/4" - 14 BSPP	316 stainless		3.03	77.0	2.35	59.7	1-3/4"	2.05	-	10
3/4"	6STOF6	1-1/16" - 12 ORB	steel		3.03	77.0	2.35	59.7	1-3/4"	1.89	-	10
1"	8STF8	1" - 11 1/2 NPTF	steel		3.33	84.6	2.73	69.3	2"	2.78	-	10
1"	8STF8-SS	1" - 11 1/2 NPTF	316 stainless		3.33	84.6	1.55	39.3	2"	2.83	-	10
1"	8STBF8	1" - 11 BSPP	steel		3.33	84.6	2.73	69.3	2"	2.78	-	10
1"	8STBF8-SS	1" - 11 BSPP	316 stainless		3.33	84.6	2.73	69.3	2"	2.83	-	10
1"	8STOF8	1-5/16" - 12 ORB	steel		3.33	84.6	2.73	69.3	2"	2.71	-	10
1"	8STF10	1-1/4" - 11 1/2 NPTF	steel		3.67	93.2	2.73	69.3	2"	2.84	-	10
1"	8STF10-SS	1-1/4" - 11 1/2 NPTF	316 stainless		3.67	93.2	2.73	69.3	2"	2.90	-	10
1"	8STBF10	1-1/4" - 11 BSPP	steel		3.67	93.2	2.73	69.3	2"	2.84	-	10
1"	8STBF10-SS	1-1/4" - 11 BSPP	316 stainless		3.67	93.2	2.73	69.3	2"	2.90	-	10
1"	8STOF10	1-5/8" - 12 ORB	steel		3.67	93.2	2.73	69.3	2"	2.79	-	10

ST-Series Hydraulic Couplings

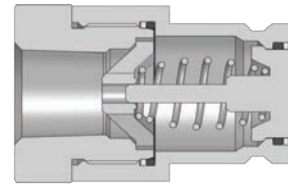
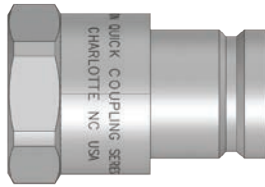


Body Size	ST-Series Snap-Tite 71-Series 'Old Style' Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1"	8STF8-V2	1" - 11 1/2 NPTF	steel		4.55	115.6	2.74	69.6	2"	2.83	-	10
1"	8STBF8-V2	1" - 11 BSPP	steel		4.55	115.6	2.74	69.6	2"	2.84	-	10
1"	8STF10-V2	1-1/4" - 11 1/2 NPTF	steel		4.90	124.5	2.74	69.6	2"	2.87	-	10
2"	16STF12	1-1/2" - 11 1/2 NPTF	steel		6.20	157.5	4.47	113.5	3.78"	9.07	-	1
2"	16STBF12	1-1/2" - 11 BSPP	steel		6.20	157.5	4.47	113.5	3.78"	9.07	-	1
2"	16STOF12	1-7/8" - 12 ORB	steel		6.20	157.5	4.47	113.5	3.78"	8.96	-	1
2"	16STF16	2" - 11 1/2 NPTF	steel		6.20	157.5	4.47	113.5	3.78"	8.74	-	1
2"	16STF16-SS	2" - 11 1/2 NPTF	316 stainless		6.20	157.5	4.47	113.5	3.78"	8.74	-	1
2"	16STBF16	2" - 11 BSPP	steel		6.20	157.5	4.47	113.5	3.78"	8.74	-	1
2"	16STOF16	2-1/2" - 12 ORB	steel		6.20	157.5	4.47	113.5	3.78"	8.63	-	1

ST Series Profiles

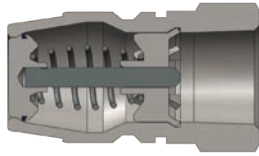


ST-Series Hydraulic Couplings



Body Size	ST-Series Snap-Tite 71-Series Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	ST2F2	1/4" - 18 NPTF	steel		1.84	46.7	0.90	22.9	13/16"	0.16	5	25
1/4"	ST2F2-SS	1/4" - 18 NPTF	316 stainless		1.84	46.7	0.90	22.9	13/16"	0.16	5	25
1/4"	ST2BF2	1/4" - 19 BSPP	steel		1.84	46.7	0.90	22.9	13/16"	0.16	5	25
1/4"	ST2BF2-SS	1/4" - 19 BSPP	316 stainless		1.84	46.7	0.90	22.9	13/16"	0.16	5	25
3/8"	ST3F2	1/4" - 18 NPTF	steel		2.32	58.9	1.48	37.6	1"	0.29	5	25
3/8"	ST3F3	3/8" - 18 NPTF	steel		2.32	58.9	1.48	37.6	1"	0.26	5	25
3/8"	ST3F3-SS	3/8" - 18 NPTF	316 stainless		2.32	58.9	1.48	37.6	1"	0.26	5	25
3/8"	ST3BF3	3/8" - 19 BSPP	steel		2.32	58.9	1.48	37.6	1"	0.26	5	25
3/8"	ST3BF3-SS	3/8" - 19 BSPP	316 stainless		2.32	58.9	1.48	37.6	1"	0.26	5	25
3/8"	ST3F4	1/2" - 14 NPTF	steel		2.32	58.9	1.48	37.6	1"	0.26	5	25
3/8"	ST3F4-SS	1/2" - 14 NPTF	316 stainless		2.32	58.9	1.48	37.6	1"	0.26	5	25
3/8"	ST3BF4	1/2" - 14 BSPP	steel		2.32	58.9	1.48	37.6	1"	0.26	5	25
3/8"	ST3BF4-SS	1/2" - 14 BSPP	316 stainless		2.32	58.9	1.48	37.6	1"	0.26	5	25
1/2"	ST4F4	1/2" - 14 NPTF	steel		2.37	60.2	1.65	41.9	1-1/2"	0.42	-	20
1/2"	ST4F4-SS	1/2" - 14 NPTF	316 stainless		2.37	60.2	1.65	41.9	1-1/2"	0.42	-	20
1/2"	ST4BF4	1/2" - 14 BSPP	steel		2.37	60.2	1.65	41.9	1-1/2"	0.42	-	20
1/2"	ST4BF4-SS	1/2" - 14 BSPP	316 stainless		2.37	60.2	1.65	41.9	1-1/2"	0.42	-	20
1/2"	ST4OF4	3/4" - 16 ORB	steel		2.37	60.2	1.65	41.9	1-1/2"	0.42	-	20
3/4"	ST6F6	3/4" - 14 NPTF	steel		2.96	75.2	1.92	48.8	1-3/4"	1.09	-	10
3/4"	ST6F6-SS	3/4" - 14 NPTF	316 stainless		2.96	75.2	1.92	48.8	1-3/4"	1.14	-	10
3/4"	ST6BF6	3/4" - 14 BSPP	steel		2.96	75.2	1.92	48.8	1-3/4"	1.09	-	10
3/4"	ST6BF6-SS	3/4" - 14 BSPP	316 stainless		2.96	75.2	1.92	48.8	1-3/4"	1.14	-	10
3/4"	ST6OF6	1-1/16" - 12 ORB	steel		2.96	75.2	1.92	48.8	1-3/4"	1.01	-	10
1"	ST8F8	1" - 11 1/2 NPTF	steel		3.22	81.8	2.10	53.3	1-7/8"	1.48	-	10
1"	ST8F8-SS	1" - 11 1/2 NPTF	316 stainless		3.22	81.8	2.10	53.3	1-7/8"	1.56	-	10
1"	ST8BF8	1" - 11 BSPP	steel		3.22	81.8	2.10	53.3	1-7/8"	1.48	-	10
1"	ST8BF8-SS	1" - 11 BSPP	316 stainless		3.22	81.8	2.10	53.3	1-7/8"	1.56	-	10
1"	ST8OF8	1-5/16" - 12 ORB	steel		3.22	81.8	2.10	53.3	1-7/8"	1.37	-	10
1"	ST8F10	1-1/4" - 11 1/2 NPTF	steel		3.48	88.4	2.20	55.9	2"	1.63	-	10
1"	ST8F10-SS	1-1/4" - 11 1/2 NPTF	316 stainless		3.48	88.4	2.20	55.9	2"	1.69	-	10
1"	ST8BF10	1-1/4" - 11 BSPP	steel		3.48	88.4	2.20	55.9	2"	1.63	-	10
1"	ST8BF10-SS	1-1/4" - 11 BSPP	316 stainless		3.48	88.4	2.20	55.9	2"	1.69	-	10
1"	ST8OF10	1-5/8" - 12 ORB	steel		3.48	88.4	2.20	55.9	2"	1.54	-	10

ST-Series Hydraulic Couplings



Body Size	ST-Series Snap-Tite 71-Series 'Old Style' Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1"	ST8F8-V2	1" - 11 1/2 NPTF	steel		3.26	82.8	1.92	48.8	1-3/4"	1.53	-	10
1"	ST8BF8-V2	1" - 11 BSPP	steel		3.26	82.8	1.92	48.8	1-3/4"	1.48	-	10
1"	ST8F10-V2	1-1/4" - 11 1/2 NPTF	steel		3.5	88.9	1.98	50.3	2"	1.48	-	10
2"	ST16F12	1-1/2" - 11 1/2 NPTF	steel		4.50	114.3	3.48	88.4	3-1/4"	4.32	-	1
2"	ST16BF12	1-1/2" - 11 BSPP	steel		4.50	114.3	3.48	88.4	3-1/4"	4.32	-	1
2"	ST16OF12	1-7/8" - 12 ORB	steel		4.50	114.3	3.48	88.4	3-1/4"	4.21	-	1
2"	ST16F16	2" - 11 1/2 NPTF	steel		4.50	114.3	3.48	88.4	3-1/4"	4.16	-	1
2"	ST16F16-SS	2" - 11 1/2 NPTF	316 stainless		4.50	114.3	3.48	88.4	3-1/4"	4.16	-	1
2"	ST16BF16	2" - 11 BSPP	steel		4.50	114.3	3.48	88.4	3-1/4"	4.16	-	1
2"	ST16OF16	2-1/2" - 12 ORB	steel		4.50	114.3	3.48	88.4	3-1/4"	4.05	-	1

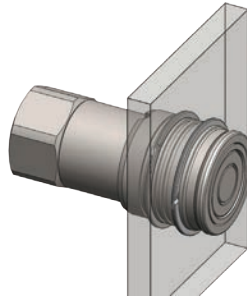


Body Size	ST-Series Coupler Dust Plug						
	Part Detail				Weight Lb	Package Qty	
	Part Number	Lanyard	Body			Bag	Box
1/4"	2STDP-A	SS Bead Chain	aluminum		0.15	5	25
3/8"	3STDP-A	SS Bead Chain	aluminum		0.18	5	25
1/2"	4STDP-A	SS Bead Chain	aluminum		0.23	5	25
3/4"	6STDP-A	SS Bead Chain	aluminum		0.36	-	10
1"	8STDP-A	SS Bead Chain	aluminum		0.39	-	10
1"-V2	8STDP-A-V2	SS Bead Chain	aluminum		0.48	-	10
2"	16STDP-A	SS Bead Chain	aluminum		0.94	-	1



Body Size	ST-Series Nipple Dust Plug						
	Part Detail				Weight Lb	Package Qty	
	Part Number	Lanyard	Body			Bag	Box
1/4"	ST2DC-A	SS Bead Chain	aluminum		0.16	5	25
3/8"	ST3DC-A	SS Bead Chain	aluminum		0.19	5	25
1/2"	ST4DC-A	SS Bead Chain	aluminum		0.22	5	25
3/4"	ST6DC-A	SS Bead Chain	aluminum		0.26	-	10
1"	ST8DC-A	SS Bead Chain	aluminum		0.28	-	10
1"-V2	ST8DC-A-V2	SS Bead Chain	aluminum		0.46	-	10
2"	ST16DC-A	SS Bead Chain	aluminum		0.76	-	1

ST-Series Hydraulic Couplings



Body Size	ST-Series Snap-Tite 71-Series Interchange Coupler Bulkhead Kits						
	Part Detail				Bulkhead Kit Contents	Package Qty	
	Part Number	Mounting Hole ID	Ring Material			Bag	Box
1/4"	2ST-BMK	1.250"	steel		Two 360° Retaining Rings	1	25
3/8"	3ST-BMK	1.625"	steel		Two 360° Retaining Rings	1	25
1/2"	4ST-BMK	2.000"	steel		Two 360° Retaining Rings	1	25
3/4"	6ST-BMK	2.375"	steel		Two 360° Retaining Rings	1	25

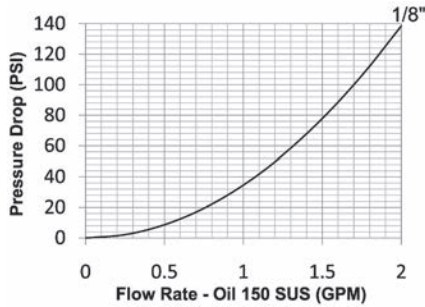
Body Size	ST-Series Snap-Tite 71-Series Interchange Coupler Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
1/4"	2ST-SKIT	all	Nitrile		Two Seals and Anti-Extrusion Rings	25	200
3/8"	3ST-SKIT	all	Nitrile		Two Seals and Anti-Extrusion Rings	25	200
1/2"	4ST-SKIT	all	Nitrile		Two Seals and Anti-Extrusion Rings	25	200
3/4"	6ST-SKIT	all	Nitrile		Two Seals and Anti-Extrusion Rings	25	200
1"	8ST-SKIT	all	Nitrile		Two Seals and Anti-Extrusion Rings	25	200
1"	8ST-SKIT-V2	all	Nitrile		Three Seals and Two Anti-Extrusion Rings	25	200
2"	16ST-SKIT	all	Nitrile		Three Seals and Two Anti-Extrusion Rings	10	100

Body Size	ST-Series Snap-Tite 71-Series Interchange Nipple Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
1/4"	ST2-SKIT	all	Nitrile		Valve O-Ring/Back-up and Adapter O-Ring	25	200
3/8"	ST3-SKIT	all	Nitrile		Valve O-Ring/Back-up and Adapter O-Ring	25	200
1/2"	ST4-SKIT	all	Nitrile		Valve O-Ring/Back-up and Adapter O-Ring	25	200
3/4"	ST6-SKIT	all	Nitrile		Valve O-Ring/Back-up and Adapter O-Ring	25	200
1"	ST8-SKIT	all	Nitrile		Valve O-Ring/Back-up and Adapter O-Ring	25	200
2"	ST16-SKIT	all	Nitrile		Main Valve Seal	25	200

PD-Series Hydraulic Couplings

Interchange Data:

- Interchangeable to ISO15171-1
- Parker PD-Series, Aeroquip FD90, Tomco Series DK



Materials:

- Machined components are manufactured using solid steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel nipples are machined from solid steel bar stock and hardened.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

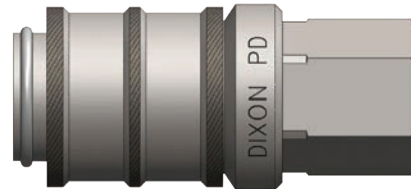
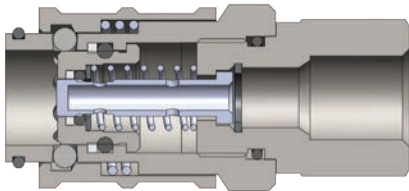
- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- PTFE anti-extrusion ring protects main coupler O-Ring from dynamic impulse pressure damage.

Rated Pressure Chart:

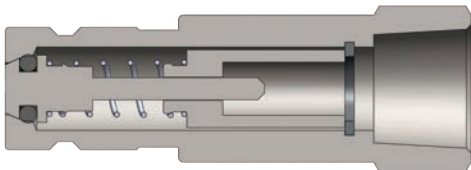
Body Size	PD-Series ISO15171-1 Diagnostic Interchange							
	Steel Coupler/Plug Connected				Steel Plug Disconnected			
	Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/8"	6,000	400	18,700	1,300	6,000	400	24,000	1,600

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 22$ PSI
1/8"	-	-	ISO15171-1	SAE J1502	10	0.02	0.1	27.4	0.8

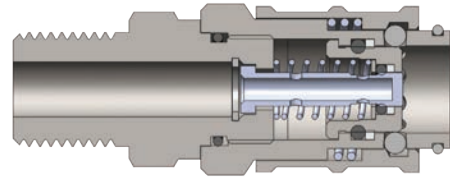


Body Size	PD-Series ISO15171-1 Diagnostic Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	1PDF1	1/8" - 27 NPT	steel		2.13	54.102	0.98	24.892	21	0.18	10	100
1/8"	1PDF2	1/4" - 18 NPT	steel		2.13	54.102	0.98	24.892	21	0.16	10	100

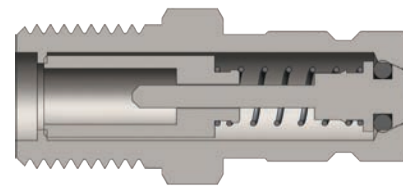


Body Size	PD-Series ISO15171-1 Diagnostic Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	PD1F1	1/8" - 27 NPT	steel		1.88	47.752	0.76	19.304	17	0.04	10	100
1/8"	PD1F2	1/4" - 18 NPT	steel		1.88	47.752	0.76	19.304	17	0.04	10	100

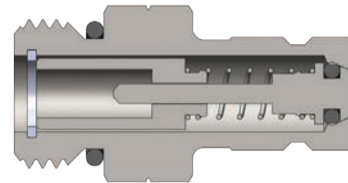
PD-Series Hydraulic Couplings



Body Size	PD-Series ISO15171-1 Diagnostic Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	1PDM2	1/4" - 18 NPT	steel		2.28	57.9	0.98	24.9	21	0.18	10	100



Body Size	PD-Series ISO15171-1 Diagnostic Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	PD1M1	1/8" - 27 NPT	steel		1.98	50.292	0.76	19.304	17	0.05	10	100
1/8"	PD1M2	1/4" - 18 NPT	steel		1.48	37.592	0.76	19.304	17	0.04	10	100



Body Size	PD-Series ISO15171-1 Diagnostic Nipple (Male ORB Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	PD1OM2	7/16" - 20 ORB	steel		1.93	49.0	0.76	19.304	17	0.06	10	100
1/8"	PD1OM3	9/16" - 18 ORB	steel		1.48	37.592	0.76	19.304	17	0.06	10	100

PD Series Profile

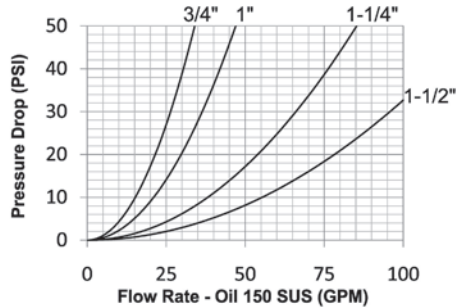


Body Size	PD-Series Nipple Dust Cap												
	Part Detail								Package Qty				
	Part Number	Material							Bag	Box			
1/8"	H1DC	Nitrile							5	50			

W-Series Hydraulic Couplings

Interchange Data:

- Aeroquip 5100-Series, Parker 6100-Series
- Snap-Tite 78-Series, Faster Series-FB, Safeway S51-Series



Materials:

- Machined components are manufactured using solid steel and brass bar stock.
- Stainless steel retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Rugged steel cast wing nut for threaded connect and disconnect operation.
- For steel models, coupler valve sleeve and nipple valve are constructed of brass.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- 3/4" and 1" couplings have a PTFE back-up ring on the valve sleeve to extend service life.
- Main coupler valve has a bonded face-seal to improve seal integrity during pressurized connection/disconnection.
- 3/4" and 1 1/2" nipple valve seal is bonded to the valve face to improve seal integrity and prolong service life.
- External O-Ring on plug indicates full connection and acts as a contamination shield in connected mode.
- Redundant O-Ring on the coupler body will engage nipple for secondary sealing support.

Rated Pressure Chart:

Body Size	W-Series Wingstyle Interchange (Connected)			
	Coupler/Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
3/4"	3,000	200	12,300	850
1"	3,000	200	14,100	1,000
1-1/4"	2,750	190	8,800	600
1-1/2"	2,500	170	8,800	600

Technical Specifications:

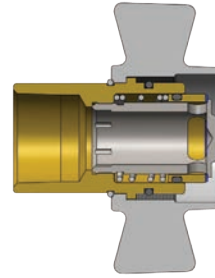
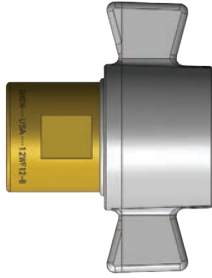
Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow ΔP = 32 PSI
3/4"	-	-	-	-	Threaded	0.34cc	0.26cc	27.4	28 GPM
1"	-	-	-	-	Threaded	0.50cc	0.35cc	27.4	40 GPM
1-1/4"	-	-	-	-	Threaded	0.68cc	0.70cc	27.4	70 GPM
1-1/2"	-	-	-	-	Threaded	0.60cc	0.94cc	27.4	100 GPM

Although the wingstyle couplings are able to connect and disconnect while under pressure, it is recommended that hydraulic power supply be de-energized during connection to ensure operator safety. If it is not possible to de-energize the circuit, operators must be aware of their surroundings to ensure that an attachment or tool does not put them at risk, once hydraulic power is applied during the connection process.

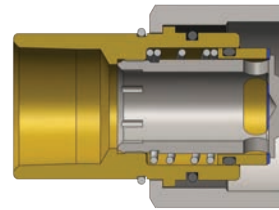
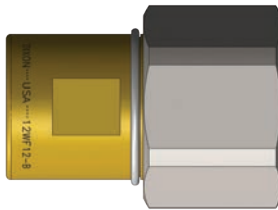


W-Series couplings are not recommended for continuous hydraulic impulse applications at rated pressures.

W-Series Hydraulic Couplings

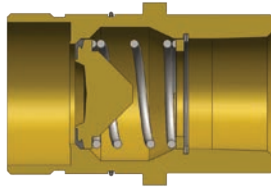


Body Size	W-Series Wingstyle Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Flats Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	6WF4-B	1/2" - 14 NPTF	brass		3.09	78.5	4.06	103.1	1.15"	1.30	-	10
3/4"	6WBF4-B	1/2" - 14 BSPP	brass		3.09	78.5	4.06	103.1	1.15"	1.30	-	10
3/4"	6WF6-B	3/4" - 14 NPTF	brass		3.09	78.5	4.06	103.1	1.15"	1.30	-	10
3/4"	6WBF6-B	3/4" - 14 BSPP	brass		3.09	78.5	4.06	103.1	1.15"	1.30	-	10
1"	8WF8-B	1" - 11 1/2 NPTF	brass		3.78	96.0	4.45	113.0	1.44"	1.89	-	10
1"	8WF8	1" - 11 1/2 NPTF	steel		3.78	96.0	4.45	113.0	1.44"	1.89	-	10
1"	8WBF8-B	1" - 11 BSPP	brass		3.78	96.0	4.45	113.0	1.44"	1.89	-	10
1-1/4"	10WF10-B	1-1/4" - 11 1/2 NPTF	brass		3.97	100.8	5.20	132.1	1.78"	2.76	-	5
1-1/4"	10WBF10-B	1-1/4" - 11 BSPP	brass		3.97	100.8	5.20	132.1	1.78"	2.76	-	5
1-1/2"	12WF12-B	1-1/2" - 11 1/2 NPTF	brass		4.08	103.6	5.35	135.9	2"	3.52	-	5
1-1/2"	12WBF12-B	1-1/2" - 11 BSPP	brass		4.08	103.6	5.35	135.9	2"	3.52	-	5

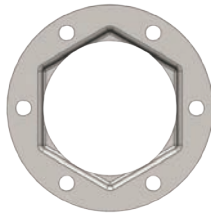


Body Size	W-Series Wingstyle Interchange Hex-Nut Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Flats Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	6WF4-B-HN	1/2" - 14 NPTF	brass		3.09	78.5	1.92	48.8	1.15"	1.07	-	10
3/4"	6WBF4-B-HN	1/2" - 14 BSPP	brass		3.09	78.5	1.92	48.8	1.15"	1.07	-	10
3/4"	6WF6-B-HN	3/4" - 14 NPTF	brass		3.09	78.5	1.92	48.8	1.15"	1.07	-	10
3/4"	6WBF6-B-HN	3/4" - 14 BSPP	brass		3.09	78.5	1.92	48.8	1.15"	1.07	-	10
1"	8WF8-B-HN	1" - 11 1/2 NPTF	brass		3.78	96.0	2.33	59.2	1.44"	1.63	-	10
1"	8WBF8-B-HN	1" - 11 BSPP	brass		3.78	96.0	2.33	59.2	1.44"	1.63	-	10
1-1/4"	10WF10-B-HN	1-1/4" - 11 1/2 NPTF	brass		3.97	100.8	2.75	69.9	1.78"	2.47	-	5
1-1/4"	10WBF10-B-HN	1-1/4" - 11 BSPP	brass		3.97	100.8	2.75	69.9	1.78"	2.47	-	5
1-1/2"	12WF12-B-HN	1-1/2" - 11 1/2 NPTF	brass		4.08	103.6	3.01	76.5	2"	3.15	-	5
1-1/2"	12WBF12-B-HN	1-1/2" - 11 BSPP	brass		4.08	103.6	3.01	76.5	2"	3.15	-	5

W-Series Hydraulic Couplings



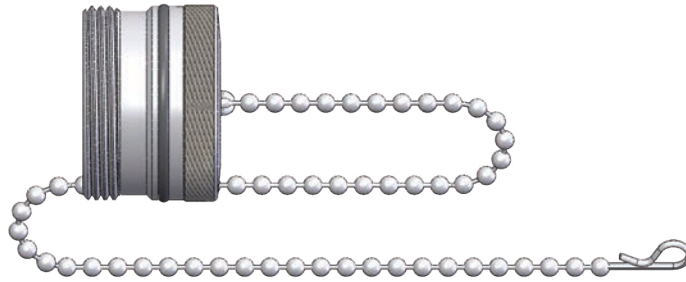
Body Size	W-Series Wingstyle Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	W6F4-B	1/2" - 14 NPTF	brass		3.10	78.7	1.78	45.2	1-5/16"	0.82	-	10
3/4"	W6BF4-B	1/2" - 14 BSPP	brass		3.10	78.7	1.78	45.2	1-5/16"	0.82	-	10
3/4"	W6F6-B	3/4" - 14 NPTF	brass		3.10	78.7	1.78	45.2	1-5/16"	0.76	-	10
3/4"	W6BF6-B	3/4" - 14 BSPP	brass		3.10	78.7	1.78	45.2	1-5/16"	0.76	-	10
1"	W8F8-B	1" - 11 1/2 NPTF	brass		3.55	90.2	2.00	50.8	1-9/16"	1.30	-	10
1"	W8F8	1" - 11 1/2 NPTF	steel		3.55	90.2	2.00	50.8	1-9/16"	1.30	-	10
1"	W8BF8-B	1" - 11 BSPP	brass		3.55	90.2	2.00	50.8	1-9/16"	1.30	-	10
1-1/4"	W10F10-B	1-1/4" - 11 1/2 NPTF	brass		3.71	94.2	2.38	60.5	1-7/8"	1.65	-	5
1-1/4"	W10BF10-B	1-1/4" - 11 BSPP	brass		3.71	94.2	2.38	60.5	1-7/8"	1.65	-	5
1-1/2"	W12F12-B	1-1/2" - 11 1/2 NPTF	brass		4.11	104.4	2.83	71.9	2-1/2"	2.61	-	5
1-1/2"	W12BF12-B	1-1/2" - 11 BSPP	brass		4.11	104.4	2.83	71.9	2-1/2"	2.61	-	5



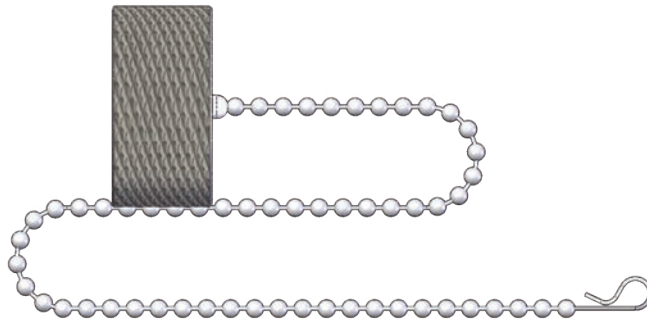
nipple not included with flange

Body Size	W-Series Wingstyle Interchange Nipple Mounting Flange						
	Part Detail				Weight Lb	Package Qty	
	Part Number	Bolt Hole Size	Material			Bag	Box
3/4"	W6-BMF	0.201"	steel		0.07	5	50
1"	W8-BMF	0.201"	steel		0.07	5	50
1-1/4"	W10-BMF	0.201"	steel		0.29	5	50
1-1/2"	W12-BMF	0.201"	steel		0.76	5	50

W-Series Hydraulic Couplings



Body Size	W-Series Wingstyle Interchange Coupler Rigid Dust Plug						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
3/4"	6WDP	SS Bead Chain	steel	0.31	10	50	
1"	8WDP	SS Bead Chain	steel	0.48	10	50	
1-1/4"	10WDP	SS Bead Chain	steel	0.61	5	25	
1-1/2"	12WDP	SS Bead Chain	steel	1.20	5	25	



Body Size	W-Series Wingstyle Interchange Nipple Rigid Dust Cap						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
3/4"	W6DC	SS Bead Chain	steel	0.36	10	50	
1"	W8DC	SS Bead Chain	steel	0.37	10	50	
1-1/4"	W10DC	SS Bead Chain	steel	0.62	5	25	
1-1/2"	W12DC	SS Bead Chain	steel	1.03	5	25	

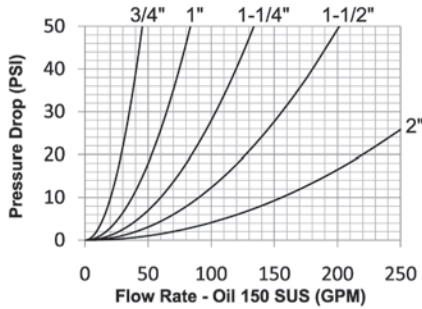
Body Size	W-Series Wingstyle Interchange Coupler Repair Kits						
	Part Detail			Repair Kit Contents (for one coupler)	Package Qty		
	Part Number	Coupler Style	Seal Material		Bag	Box	
3/4"	6W-RKIT	all	Nitrile	Bonded Valve, O-Rings, and PTFE Backup	1	25	
1"	8W-RKIT	all	Nitrile	Bonded Valve, O-Rings, and PTFE Backup	1	25	
1-1/4"	10W-RKIT	all	Nitrile	Bonded Valve, O-Rings, and PTFE Backup	1	25	
1-1/2"	12W-RKIT	all	Nitrile	Bonded Valve, O-Rings, and PTFE Backup	1	25	

Body Size	W-Series Wingstyle Interchange Nipple Repair Kits						
	Part Detail			Repair Kit Contents (for one coupler)	Package Qty		
	Part Number	Coupler Style	Seal Material		Bag	Box	
3/4"	W6-RKIT	all	Nitrile	Valve Assembly and O-Ring	1	25	
1"	W8-RKIT	all	Nitrile	Valve Assembly and O-Ring	1	25	
1-1/4"	W10-RKIT	all	Nitrile	Valve Assembly and O-Ring	1	25	
1-1/2"	W12-RKIT	all	Nitrile	Valve Assembly and O-Ring	1	25	

WS-Series Hydraulic Couplings

Interchange Data:

- High Pressure Wingstyle Interchange
- Snap-Tite 75-Series, Hydraulics Inc. Series-5TV



Materials:

- Machined components are manufactured using solid steel or 316 stainless steel bar stock.
- Stainless steel retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Rugged high-strength steel shell-cast wing nut for threaded connect and disconnect operation.
- 316 stainless steel nipple connection-threads are coated to prevent galling during connection/disconnection.
- 1 1/4" and 1 1/2" 316 stainless steel couplers have a hex-nut connection sleeve.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- PTFE anti-extrusion ring protects main coupling O-Ring from dynamic impulse pressure damage.
- Main valve seal is 'housed' to improve seal integrity during pressurized connection/disconnection.
- Blow-out Prevention (BOP) couplings contain fire service grade Viton® seals - coupling has been fire tested and Lloyd's certified to 700°C (1300°F) in accordance with API 16D (Certificate #NAO 0601041/1).

Rated Pressure Chart:

Body Size	WS-Series High Pressure Wingstyle Interchange (Connected)							
	Steel Coupler/Plug				316 SS Coupler/Plug			
	Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
3/4"	5,000	345	32,800	2,200	3,000	200	20,000	1,400
1"	5,000	345	25,100	1,700	3,000	200	20,000	1,400
1-1/4"	5,000	345	15,000	1,000	3,000	200	15,000	1,000
1-1/2"	5,000	345	19,300	1,300	3,000	200	15,000	1,000
2"	5,000	345	15,000	1,000	3,000	200	15,000	1,000

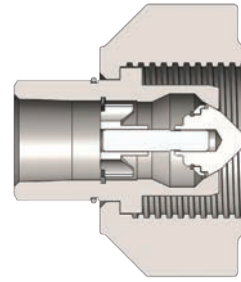
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow ΔP = 30 PSI
3/4"	-	-	-	-	Threaded	10cc	10cc	27.4	35 GPM
1"	-	-	-	-	Threaded	23cc	15cc	27.4	65 GPM
1-1/4"	-	-	-	-	Threaded	50cc	30cc	27.4	105 GPM
1-1/2"	-	-	-	-	Threaded	100cc	60cc	27.4	160 GPM
2"	-	-	-	-	Threaded	200cc	135cc	27.4	270 GPM

List Price Seal Option Adders:

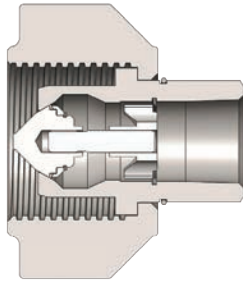
Body Size	Standard Seal Options										Standard Coupling Options					
	Viton®		EPDM		Mil-Nitrile		Fuel Nitrile		Silicone		Wrench Flats		View Port		Oxy-Clean	
	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$
3/4"	F-		P-		M-		JF-		S-		-WF		-VP		-C1	
1"	F-		P-		M-		JF-		S-		-WF		-VP		-C1	
1-1/4"	F-		P-		M-		JF-		S-		-WF		-VP		-C1	
1-1/2"	F-		P-		M-		JF-		S-		-WF		-VP		-C1	
2"	F-		P-		M-		JF-		S-		-WF		-VP		-C1	

WS-Series Hydraulic Couplings

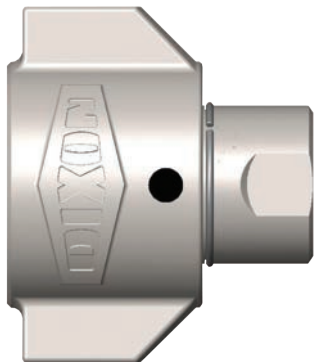


Body Size	WS-Series High Pressure Wingstyle Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	6WSF4	1/2" - 14 NPTF	steel		2.76	70.1	3.23	82.0	-	1.86	-	5
3/4"	6WSF6	3/4" - 14 NPTF	steel		2.76	70.1	3.23	82.0	-	1.80	-	5
3/4"	6WSF6-SS	3/4" - 14 NPTF	316 stainless		2.76	70.1	3.23	82.0	-	1.80	-	5
3/4"	6WSBF6	3/4" - 14 BSPP	steel		2.76	70.1	3.23	82.0	-	1.80	-	5
3/4"	6WSBF6-SS	3/4" - 14 BSPP	316 stainless		2.76	70.1	3.23	82.0	-	1.80	-	5
3/4"	6WSOF6	1-1/16" - 12 ORB	steel		2.76	70.1	3.23	82.0	-	1.78	-	5
1"	8WSF8	1" - 11 1/2 NPTF	steel		3.45	87.6	4.00	101.6	-	3.30	-	5
1"	8WSF8-SS	1" - 11 1/2 NPTF	316 stainless		3.45	87.6	4.00	101.6	-	3.30	-	5
1"	8WSBF8	1" - 11 BSPP	steel		3.45	87.6	4.00	101.6	-	3.30	-	5
1"	8WSBF8-SS	1" - 11 BSPP	316 stainless		3.45	87.6	4.00	101.6	-	3.30	-	5
1"	8WSOF8	1-5/16" - 12 ORB	steel		3.45	87.6	4.00	101.6	-	3.26	-	5
1-1/4"	10WSF10	1-1/4" - 11 1/2 NPTF	steel		4.40	111.8	4.65	118.1	-	5.70	-	1
1-1/4"	10WSF10-SS	1-1/4" - 11 1/2 NPTF	316 stainless		4.40	111.8	4.65	118.1	-	5.70	-	1
1-1/4"	10WSBF10	1-1/4" - 11 BSPP	steel		4.40	111.8	4.65	118.1	-	5.70	-	1
1-1/4"	10WSBF10-SS	1-1/4" - 11 BSPP	316 stainless		4.40	111.8	4.65	118.1	-	5.70	-	1
1-1/4"	10WSOF10	1-5/8" - 12 ORB	steel		4.40	111.8	4.65	118.1	-	5.68	-	1
1-1/2"	12WSF12	1-1/2" - 11 1/2 NPTF	steel		5.13	130.3	5.43	137.9	-	8.90	-	1
1-1/2"	12WSF12-SS	1-1/2" - 11 1/2 NPTF	316 stainless		5.13	130.3	5.43	137.9	-	8.90	-	1
1-1/2"	12WSBF12	1-1/2" - 11 BSPP	steel		5.13	130.3	5.43	137.9	-	8.90	-	1
1-1/2"	12WSBF12-SS	1-1/2" - 11 BSPP	316 stainless		5.13	130.3	5.43	137.9	-	8.90	-	1
1-1/2"	12WSOF12	1-7/8" - 12 ORB	steel		5.13	130.3	5.43	137.9	-	8.87	-	1
2"	16WSF16	2" - 11 1/2 NPTF	steel		6.09	154.7	6.73	170.9	-	17.10	-	1
2"	16WSF16-SS	2" - 11 1/2 NPTF	316 stainless		6.09	154.7	6.73	170.9	-	17.10	-	1
2"	16WSBF16	2" - 11 BSPP	steel		6.09	154.7	6.73	170.9	-	17.10	-	1
2"	16WSBF16-SS	2" - 11 BSPP	316 stainless		6.09	154.7	6.73	170.9	-	17.10	-	1
2"	16WSOF16	2" - 12 ORB	steel		6.09	154.7	6.73	170.9	-	16.96	-	1

WS-Series Hydraulic Couplings



Body Size	WS-Series Blowout Prevention Safety Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	6WSF4-BOP	1/2" - 14 NPTF	steel		2.76	70.1	3.23	82.0	-	1.86	-	5
3/4"	6WSF6-BOP	3/4" - 14 NPTF	steel		2.76	70.1	3.23	82.0	-	1.80	-	5
3/4"	6WSF6-SS-BOP	3/4" - 14 NPTF	316 stainless		2.76	70.1	3.23	82.0	-	1.80	-	5
3/4"	6WSBF6-BOP	3/4" - 14 BSPP	steel		2.76	70.1	3.23	82.0	-	1.80	-	5
1"	8WSF8-BOP	1" - 11 1/2 NPTF	steel		3.45	87.6	4.00	101.6	-	3.30	-	5
1"	8WSF8-SS-BOP	1" - 11 1/2 NPTF	316 stainless		3.45	87.6	4.00	101.6	-	3.30	-	5
1"	8WSBF8-BOP	1" - 11 BSPP	steel		3.45	87.6	4.00	101.6	-	3.30	-	5
1-1/4"	10WSF10-BOP	1-1/4" - 11 1/2 NPTF	steel		4.40	111.8	4.65	118.1	-	5.70	-	1
1-1/4"	10WSBF10-BOP	1-1/4" - 11 BSPP	steel		4.40	111.8	4.65	118.1	-	5.70	-	1
1-1/2"	12WSF12-BOP	1-1/2" - 11 1/2 NPTF	steel		5.13	130.3	5.43	137.9	-	8.90	-	1
1-1/2"	12WSBF12-BOP	1-1/2" - 11 BSPP	steel		5.13	130.3	5.43	137.9	-	8.90	-	1
2"	16WSF16-BOP	2" - 11 1/2 NPTF	steel		6.09	154.7	6.73	170.9	-	17.10	-	1
2"	16WSBF16-BOP	2" - 11 BSPP	steel		6.09	154.7	6.73	170.9	-	17.10	-	1



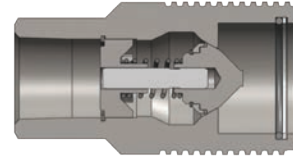
WS coupler with view port example



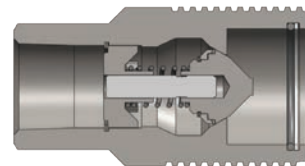
WS coupler with wrench flats example

* Wrench flats may result in reduced pressure performance.

WS-Series Hydraulic Couplings

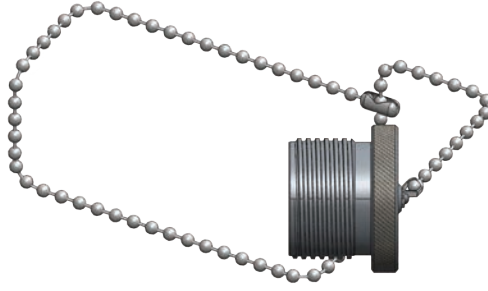


Body Size	WS-Series High Pressure Wingstyle Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	WS6F4	1/2" - 14 NPTF	steel		3.27	83.1	1.74	44.2	-	1.23	-	5
3/4"	WS6F6	3/4" - 14 NPTF	steel		3.27	83.1	1.74	44.2	-	1.20	-	5
3/4"	WS6F6-SS	3/4" - 14 NPTF	316 stainless		3.27	83.1	1.74	44.2	-	1.20	-	5
3/4"	WS6BF6	3/4" - 14 BSPP	steel		3.27	83.1	1.74	44.2	-	1.20	-	5
3/4"	WS6BF6-SS	3/4" - 14 BSPP	316 stainless		3.27	83.1	1.74	44.2	-	1.20	-	5
3/4"	WS6OF6	1-1/16" - 12 ORB	steel		3.27	83.1	1.74	44.2	-	1.17	-	5
1"	WS8F8	1" - 11 1/2 NPTF	steel		4.18	106.2	2.25	57.2	-	2.50	-	5
1"	WS8F8-SS	1" - 11 1/2 NPTF	316 stainless		4.18	106.2	2.25	57.2	-	2.50	-	5
1"	WS8BF8	1" - 11 BSPP	steel		4.18	106.2	2.25	57.2	-	2.50	-	5
1"	WS8BF8-SS	1" - 11 BSPP	316 stainless		4.18	106.2	2.25	57.2	-	2.50	-	5
1"	WS8OF8	1-5/16" - 12 ORB	steel		4.18	106.2	2.25	57.2	-	2.46	-	5
1-1/4"	WS10F10	1-1/4" - 11 1/2 NPTF	steel		5.38	136.7	2.63	66.8	-	4.10	-	1
1-1/4"	WS10F10-SS	1-1/4" - 11 1/2 NPTF	316 stainless		5.38	136.7	2.63	66.8	-	4.10	-	1
1-1/4"	WS10BF10	1-1/4" - 11 BSPP	steel		5.38	136.7	2.63	66.8	-	4.10	-	1
1-1/4"	WS10BF10-SS	1-1/4" - 11 BSPP	316 stainless		5.38	136.7	2.63	66.8	-	4.10	-	1
1-1/4"	WS10OF10	1-5/8" - 12 ORB	steel		5.38	136.7	2.63	66.8	-	4.18	-	1
1-1/2"	WS12F12	1-1/2" - 11 1/2 NPTF	steel		5.98	151.9	3.25	82.6	-	6.90	-	1
1-1/2"	WS12F12-SS	1-1/2" - 11 1/2 NPTF	316 stainless		5.98	151.9	3.25	82.6	-	6.90	-	1
1-1/2"	WS12BF12	1-1/2" - 11 BSPP	steel		5.98	151.9	3.25	82.6	-	6.90	-	1
1-1/2"	WS12BF12-SS	1-1/2" - 11 BSPP	316 stainless		5.98	151.9	3.25	82.6	-	6.90	-	1
1-1/2"	WS12OF12	1-7/8" - 12 ORB	steel		5.98	151.9	3.25	82.6	-	6.86	-	1
2"	WS16F16	2" - 11 1/2 NPTF	steel		7.05	179.1	4.00	101.6	-	12.50	-	1
2"	WS16F16-SS	2" - 11 1/2 NPTF	316 stainless		7.05	179.1	4.00	101.6	-	12.50	-	1
2"	WS16BF16	2" - 11 BSPP	steel		7.05	179.1	4.00	101.6	-	12.50	-	1
2"	WS16BF16-SS	2" - 11 BSPP	316 stainless		7.05	179.1	4.00	101.6	-	12.50	-	1
2"	WS16OF16	2" - 12 ORB	steel		7.05	179.1	4.00	101.6	-	12.44	-	1

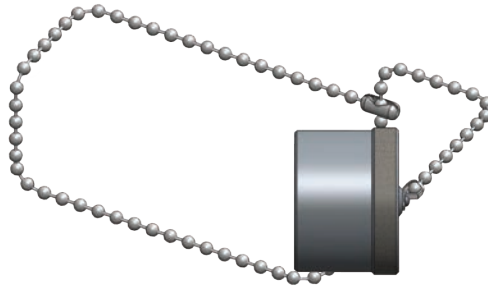


Body Size	WS-Series Blowout Prevention Safety Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/4"	WS6F4-BOP	1/2" - 14 NPTF	steel		3.27	83.1	1.74	44.2	-	1.23	-	5
3/4"	WS6F6-BOP	3/4" - 14 NPTF	steel		3.27	83.1	1.74	44.2	-	1.20	-	5
3/4"	WS6F6-SS-BOP	3/4" - 14 NPTF	316 stainless		3.27	83.1	1.74	44.2	-	1.20	-	5
3/4"	WS6BF6-BOP	3/4" - 14 BSPP	steel		3.27	83.1	1.74	44.2	-	1.20	-	5
1"	WS8F8-BOP	1" - 11 1/2 NPTF	steel		4.18	106.2	2.25	57.2	-	2.50	-	5
1"	WS8F8-SS-BOP	1" - 11 1/2 NPTF	316 stainless		4.18	106.2	2.25	57.2	-	2.50	-	5
1"	WS8BF8-BOP	1" - 11 BSPP	steel		4.18	106.2	2.25	57.2	-	2.50	-	5
1-1/4"	WS10F10-BOP	1-1/4" - 11 1/2 NPTF	steel		5.38	136.7	2.63	66.8	-	4.10	-	1
1-1/4"	WS10BF10-BOP	1-1/4" - 11 BSPP	steel		5.38	136.7	2.63	66.8	-	4.10	-	1
1-1/2"	WS12F12-BOP	1-1/2" - 11 1/2 NPTF	steel		5.98	151.9	3.25	82.6	-	6.90	-	1
1-1/2"	WS12BF12-BOP	1-1/2" - 11 BSPP	steel		5.98	151.9	3.25	82.6	-	6.90	-	1
2"	WS16F16-BOP	2" - 11 1/2 NPTF	steel		7.05	179.1	4.00	101.6	-	12.50	-	1
2"	WS16BF16-BOP	2" - 11 BSPP	steel		7.05	179.1	4.00	101.6	-	12.50	-	1

WS-Series Hydraulic Couplings



Body Size	WS-Series Coupler Rigid Dust Plug						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
3/4"	6WSDP-A	SS Bead Chain	aluminum	0.31	5	25	
1"	8WSDP-A	SS Bead Chain	aluminum	0.48	-	10	
1-1/4"	10WSDP-A	SS Bead Chain	aluminum	0.61	-	10	
1-1/2"	12WSDP-A	SS Bead Chain	aluminum	0.86	-	5	
2"	16WSDP-A	SS Bead Chain	aluminum	1.05	-	5	



Body Size	WS-Series Nipple Rigid Dust Cap						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
3/4"	WS6DC-A	SS Bead Chain	aluminum	0.31	5	25	
1"	WS8DC-A	SS Bead Chain	aluminum	0.48	-	10	
1-1/4"	WS10DC-A	SS Bead Chain	aluminum	0.61	-	10	
1-1/2"	WS12DC-A	SS Bead Chain	aluminum	0.86	-	5	
2"	WS16DC-A	SS Bead Chain	aluminum	1.05	-	5	

WS-Series Hydraulic Couplings

Body Size	WS-Series High Pressure Wingstyle Interchange Coupler Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
3/4"	6WS-SKIT	all	Nitrile		Body / Valve Seals and Retaining Rings	25	200
1"	8WS-SKIT	all	Nitrile		Body / Valve Seals and Retaining Rings	25	200
1-1/4"	10WS-SKIT	all	Nitrile		Body / Valve Seals and Retaining Rings	25	100
1-1/2"	12WS-SKIT	all	Nitrile		Body / Valve Seals and Retaining Rings	25	100
2"	16WS-SKIT	all	Nitrile		Body / Valve Seals and Retaining Rings	25	100

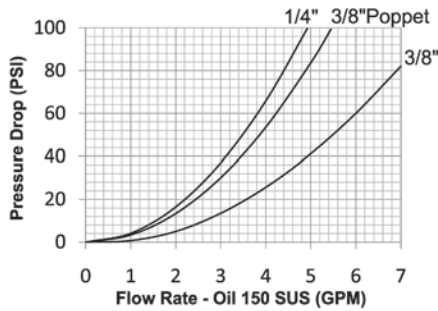
Body Size	WS-Series BOP Wingstyle Interchange Coupler Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
3/4"	6BOP-SKIT	all	FR Viton®		Body / Valve Seals and Retaining Rings	25	200
1"	8BOP-SKIT	all	FR Viton®		Body / Valve Seals and Retaining Rings	25	200
1-1/4"	10BOP-SKIT	all	FR Viton®		Body / Valve Seals and Retaining Rings	25	100
1-1/2"	12BOP-SKIT	all	FR Viton®		Body / Valve Seals and Retaining Rings	25	100
2"	16BOP-SKIT	all	FR Viton®		Body / Valve Seals and Retaining Rings	25	100

Body Size	WS-Series High Pressure Wingstyle Interchange Coupler Repair Kits						
	Part Detail				Repair Kit Contents (for one coupler or nipple)	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
3/4"	6WS-RKIT	all	Nitrile		Valve Assembly, O-Ring, and PTFE B.U.	1	25
1"	8WS-RKIT	all	Nitrile		Valve Assembly, O-Ring, and PTFE B.U.	1	25
1-1/4"	10WS-RKIT	all	Nitrile		Valve Assembly, O-Ring, and PTFE B.U.	1	25
1-1/2"	12WS-RKIT	all	Nitrile		Valve Assembly, O-Ring, and PTFE B.U.	1	25
2"	16WS-RKIT	all	Nitrile		Valve Assembly, O-Ring, and PTFE B.U.	1	25

T-Series Hydraulic Couplings

Interchange Data:

- High Pressure Screw-Together Interchange
- Parker/Pioneer 3000-Series, Enerpac C604, Stucchi IVHP
- Hansen WS56000, Snap-Tite 76-Series, DNP PVM



Materials:

- Machined components are manufactured using solid steel or 316 stainless steel bar stock.
- Chrome steel ball valve is mechanically seated to improve low pressure sealing performance.
- Steel nipples are machined from solid high strength steel bar stock.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

- Urethane seal is standard in ball valve couplers and provides resistance to extrusion when subjected to high pressure - temperature range -40°F to +180°F (-40°C to +82°C).
- Nitrile seals are standard in poppet valve couplings, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

Body Size	T-Series High Pressure Enerpac Interchange (Connected)															
	Steel Ball Coupler/Plug				316 SS Ball Coupler/Plug				Steel Poppet Coupler/Plug				316 SS Poppet Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	10,000	700	34,300	2,350	-	-	-	-	-	-	-	-	-	-	-	-
3/8"	10,000	700	30,000	2,050	10,000	700	30,900	2,100	10,000	700	36,800	2,500	10,000	700	36,500	2,500

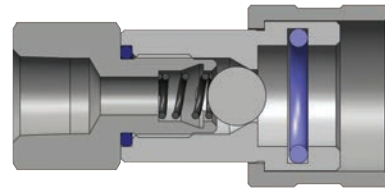
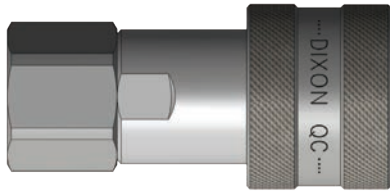
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Valve Style	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow ΔP = 60 PSI
1/4"	-	-	-	-	Ball	0.97	0.56	N/R	3.8 GPM
3/8"	-	-	-	-	Ball	2.04	0.98	N/R	4.2 GPM
3/8"	-	-	-	-	Poppet	1.56	0.77	N/R	6 GPM

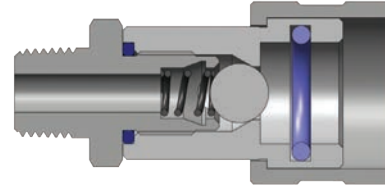
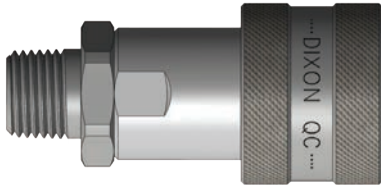
List Price Seal Option Adders:

Body Size	Seal Options				Kalrez® Seal Options						Valve Options				Treatments	
	Viton®		Mil-Nitrile		4079		6375		7075		Unvalved		316 SS		Oxy-Clean	
	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Suf	Add \$	Suf	Add \$	Suf	Add \$
1/4"	F-	\$0.00	M-	\$0.00	K4-	POR	K6-	POR	K7-	POR	-E	-\$3.00	SSV	N/A	-C1	\$12.00
3/8"	F-	0.00	M-	0.00	K4-	POR	K6-	POR	K7-	POR	-E	-4.40	SSV	N/A	-C1	12.00

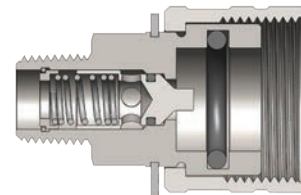
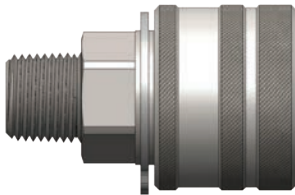
T-Series Hydraulic Couplings



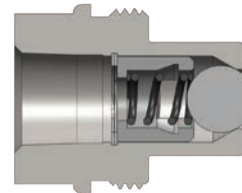
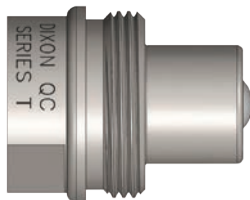
Body Size	T-Series High Pressure Ball Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	3TF3	3/8" - 18 NPTF	steel		2.83	71.9	1.39	35.3	1"	0.49	5	25



Body Size	T-Series High Pressure Ball Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2TM2	1/4" - 18 NPTF	steel		2.36	59.9	1.14	29.0	13/16"	0.25	5	50
3/8"	3TM3	3/8" - 18 NPTF	steel		2.58	65.6	1.39	35.3	1"	0.49	5	25
3/8"	3TM3-SS	3/8" - 18 NPT	316 stainless		2.83	71.9	1.39	35.3	1"	0.49	5	25

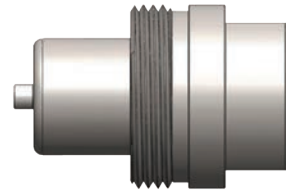
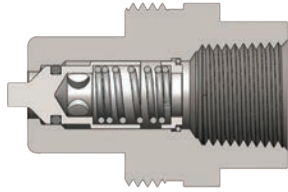


Body Size	T-Series High Pressure Poppet Interchange Coupler (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	3TM3-PV	3/8" - 18 NPT	steel		2.78	70.7	1.36	34.5	1"	0.49	5	25
3/8"	3TM3-SS-PV	3/8" - 18 NPT	316 stainless		2.78	70.7	1.36	34.5	1"	0.49	5	25



Body Size	T-Series High Pressure Ball Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	T2F2	1/4" - 18 NPTF	steel		1.30	33.0	1.12	28.5	3/4"	0.14	5	50
3/8"	T3F3	3/8" - 18 NPTF	steel		1.56	39.6	1.24	31.5	15/16"	0.23	5	25
3/8"	T3F3-SS	3/8" - 18 NPT	316 stainless		1.56	39.6	1.24	31.5	15/16"	0.23	5	25

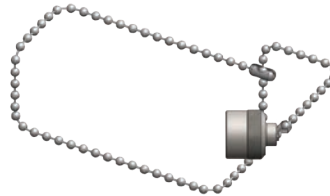
T-Series Hydraulic Couplings



Body Size	T-Series High Pressure Poppet Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
3/8"	T3F3-PV	3/8" - 18 NPT	steel		1.53	38.9	1.19	30.226	15/16"	0.23	5	25
3/8"	T3F3-SS-PV	3/8" - 18 NPT	316 stainless		1.53	38.9	1.19	30.226	15/16"	0.23	5	25



Body Size	T-Series Coupler Rigid Dust Plug						
	Part Detail				Weight Lb	Package Qty	
	Part Number	Lanyard	Body			Bag	Box
1/4"	2TDP	rubber	steel		0.10	5	50
3/8"	3TDP	rubber	steel		0.16	5	25



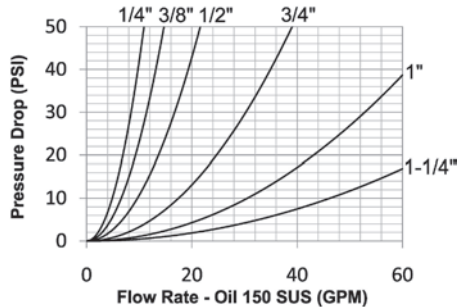
Body Size	T-Series Nipple Rigid Dust Cap						
	Part Detail				Weight Lb	Package Qty	
	Part Number	Lanyard	Body			Bag	Box
1/4"	T2DC	SS bead chain	steel		0.12	5	50
3/8"	T3DC	SS bead chain	steel		0.19	5	25

Body Size	T-Series High Pressure Enerpac Interchange Coupler Seal Kits							
	Part Detail				Price	Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material				Bag	Box
1/4"	2T-SKIT	ball valve	Urethane			Body Seal	25	200
3/8"	3T-SKIT	ball valve	Urethane			Body Seal	25	200

CVV-Series Hydraulic Couplings

Interchange Data:

- European Screw-Together Interchange
- Inteva STG-Series, Faster CVV-Series, DNP PVV3, Voswinkel Type-HS



Materials:

- Machined components are manufactured using solid steel bar stock.
- Steel retaining rings, and springs maximize service life in rugged environments.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -13°F to +257°F (-25°C to +125°C).
- Nipples have a PTFE Anti-Extrusion ring to prevent O-Ring damage during dynamic impulse service.

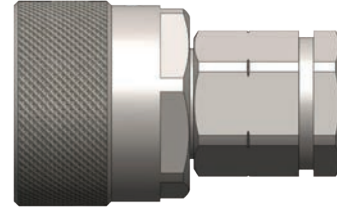
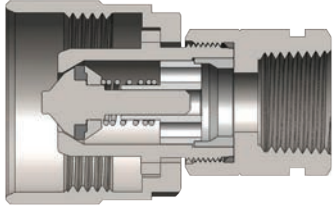
Rated Pressure Chart:

Body Size	CVV-Series European Screw-Together Interchange			
	Coupler/Plug Coupled			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
1/4"	6,500	450	26,000	1,800
3/8"	6,500	450	26,000	1,800
1/2"	5,800	400	23,200	1,600
3/4"	5,800	400	23,200	1,600
1"	4,400	300	17,600	1,300
1-1/4"	4,400	300	17,600	1,200

Technical Specifications:

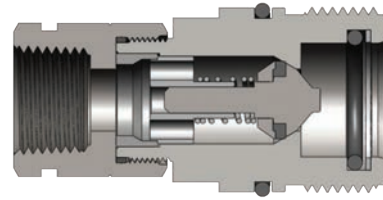
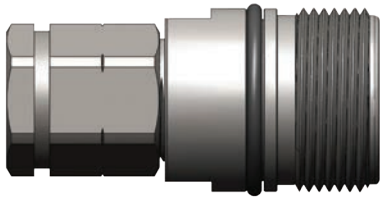
Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow $\Delta P = 22$ PSI
1/4"	-	-	-	-	Threaded	N/A	N/A	27.4	7 GPM
3/8"	-	-	-	-	Threaded	N/A	N/A	27.4	10 GPM
1/2"	-	-	-	-	Threaded	N/A	N/A	27.4	15 GPM
3/4"	-	-	-	-	Threaded	N/A	N/A	27.4	26 GPM
1"	-	-	-	-	Threaded	N/A	N/A	27.4	45 GPM
1-1/4"	-	-	-	-	Threaded	N/A	N/A	27.4	70 GPM

CVV-Series Hydraulic Couplings



Body Size	CVV-Series European Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2CVVF2	1/4" - 18 NPTF	steel		2.33	59.3	1.34	34.0	19	0.26	10	50
1/4"	2CVVBF2	1/4" - 19 BSPP	steel		2.33	59.3	1.34	34.0	19	0.26	10	50
1/4"	2CVVFM1415	M14X1.5	steel		2.33	59.3	1.34	34.0	19	0.29	10	50
3/8"	3CVVF3	3/8" - 18 NPTF	steel		2.41	61.2	1.34	34.0	22	0.50	10	30
3/8"	3CVVBF3	3/8" - 19 BSPP	steel		2.41	61.2	1.34	34.0	22	0.50	10	30
3/8"	3CVVFM1615	M16X1.5	steel		2.41	61.2	1.34	34.0	22	0.48	10	30
1/2"	4CVVF4	1/2" - 14 NPTF	steel		2.66	67.5	1.65	41.8	27	0.75	5	25
1/2"	4CVVOF4	3/4" - 16 ORB	steel		2.66	67.5	1.65	41.8	27	0.75	5	25
1/2"	4CVVBF4	1/2" - 14 BSPP	steel		2.66	67.5	1.65	41.8	27	0.76	5	25
1/2"	4CVVFM1815	M18X1.5	steel		2.66	67.5	1.65	41.8	27	0.78	5	25
1/2"	4CVVOF5	7/8" - 14ORB	steel		2.66	67.5	1.65	41.8	27	0.78	5	25
1/2"	4CVVFM2215	M22X1.5	steel		2.66	67.5	1.65	41.8	27	0.75	5	25
3/4"	6CVVF6	3/4" - 14 NPTF	steel		3.15	80.0	1.89	48.0	36	1.28	-	10
3/4"	6CVVBF6	3/4" - 14 BSPP	steel		3.15	80.0	1.89	48.0	36	1.28	-	10
3/4"	6CVVFM2215	M22X1.5	steel		3.15	80.0	1.89	48.0	36	1.28	-	10
1"	8CVVF8	1" - 11 1/2 NPTF	steel		3.30	83.9	2.35	59.8	41	1.78	-	10
1"	8CVVBF8	1" - 11 BSPP	steel		3.30	83.9	2.35	59.8	41	1.78	-	10
1-1/4"	10CVVF10	1-1/4" - 11 1/2 NPTF	steel		5.59	142.0	3.14	79.8	50	2.64	-	10
1-1/4"	10CVVBF10	1-1/4" - 11 BSPP	steel		5.59	142.0	3.14	79.8	50	2.64	-	10

CVV-Series Hydraulic Couplings



Body Size	CVV-Series European Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	CVV2F2	1/4" - 18 NPTF	steel		2.36	60.0	0.94	24.0	19	0.25	10	50
1/4"	CVV2BF2	1/4" - 19 BSPP	steel		2.36	60.0	0.94	24.0	19	0.25	10	50
1/4"	CVV2FM1415	M14X1.5	steel		2.36	60.0	0.94	24.0	19	0.23	10	50
3/8"	CVV3F3	3/8" - 18 NPTF	steel		2.52	64.0	1.10	28.0	22	0.49	10	30
3/8"	CVV3BF3	3/8" - 19 BSPP	steel		2.52	64.0	1.10	28.0	22	0.49	10	30
3/8"	CVV3FM1615	M16X1.5	steel		2.52	64.0	1.10	28.0	22	0.46	10	30
1/2"	CVV4F4	1/2" - 14 NPTF	steel		2.76	70.0	1.42	36.0	27	0.75	5	25
1/2"	CVV4OF4	3/4" - 16 ORB	steel		2.76	70.0	1.42	36.0	27	0.75	5	25
1/2"	CVV4BF4	1/2" - 14 BSPP	steel		2.76	70.0	1.42	36.0	27	0.76	5	25
1/2"	CVV4FM1815	M18X1.5	steel		2.76	70.0	1.42	36.0	27	0.78	5	25
1/2"	CVV4OF5	7/8" - 14ORB	steel		2.76	70.0	1.42	36.0	27	0.78	5	25
1/2"	CVV4FM2215	M22X1.5	steel		2.76	70.0	1.42	36.0	27	0.75	5	25
3/4"	CVV6F6	3/4" - 14 NPTF	steel		3.39	86.0	1.65	42.0	36	1.28	-	10
3/4"	CVV6BF6	3/4" - 14 BSPP	steel		3.39	86.0	1.65	42.0	36	1.28	-	10
3/4"	CVV6FM2215	M22X1.5	steel		3.39	86.0	1.65	42.0	36	1.28	-	10
1"	CVV8F8	1" - 11 1/2 NPTF	steel		3.94	100.0	1.89	48.0	41	1.78	-	10
1"	CVV8BF8	1" - 11 BSPP	steel		3.94	100.0	1.89	48.0	41	1.78	-	10
1-1/4"	CVV10F10	1-1/4" - 11 1/2 NPTF	steel		5.91	150.0	2.76	70.0	50	2.64	-	10
1-1/4"	CVV10BF10	1-1/4" - 11 BSPP	steel		5.91	150.0	2.76	70.0	50	2.64	-	10

CVV-Series Hydraulic Couplings



Body Size	CVV-Series European Interchange Dust Plug						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
1/4"	2CVVDP	plastic	plastic	0.02	5	25	
3/8"	3CVVDP	plastic	plastic	0.03	5	25	
1/2"	4CVVDP	plastic	plastic	0.06	5	25	
3/4"	6CVVDP	plastic	plastic	0.07	5	25	
1"	8CVVDP	plastic	plastic	0.08	5	25	
1-1/4"	10CVVDP	plastic	plastic	0.11	-	10	

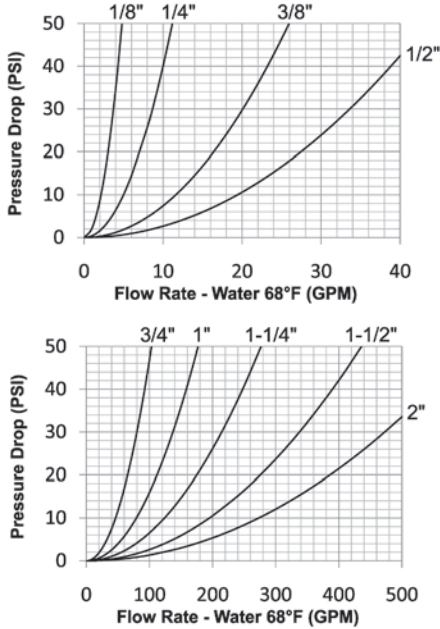


Body Size	CVV-Series European Interchange Dust Cap						
	Part Detail			Weight Lb	Package Qty		
	Part Number	Lanyard	Body		Bag	Box	
1/4"	CVV2DC	plastic	plastic	0.02	5	25	
3/8"	CVV3DC	plastic	plastic	0.03	5	25	
1/2"	CVV4DC	plastic	plastic	0.04	5	25	
3/4"	CVV6DC	plastic	plastic	0.08	5	25	
1"	CVV8DC	plastic	plastic	0.10	5	25	
1-1/4"	CVV10DC	plastic	plastic	0.15	-	10	

E-Series Hydraulic Couplings

Interchange Data:

- Straight-Through Pressure-Wash Interchange
- Parker ST-Series, Foster FST-Series, Tomco Series-ST, Hansen ST-Series



Materials:

- Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- 1 1/4" to 2" brass couplers have steel sleeves as standard to maximize service life, hardened to resist deformation.
- Steel nipples are hardened to provide heavy duty performance.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).

Rated Pressure Chart:

Body Size	E-Series Straight-Through Interchange (Connected)															
	Brass Coupler/Steel Plug				Brass Coupler/Plug				Brass Coupler/303 SS Plug				303 SS Coupler/Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/8"	4,000	276	16,100	1110	2,800	193	11,800	814	4,000	276	20,000	1379	5,000	345	29,900	2062
1/4"	5,500	379	22,000	1517	3,800	262	15,300	1055	5,500	379	23,500	1621	7,500	517	33,800	2331
3/8"	4,500	310	18,300	1262	3,000	207	14,100	972	4,500	310	21,200	1462	7,500	517	34,400	2372
1/2"	3,500	241	13,900	960	2,400	166	9,700	669	3,500	241	14,000	966	3,500	241	14,000	966
3/4"	3,100	207	12,900	870	2,000	138	8,700	600	2,500	172	12,500	862	3,000	207	19,400	1338
1"	2,500	172	10,100	697	1,600	110	6,700	462	2,000	138	8,800	607	2,000	138	9,100	628
1-1/4"	2,500	172	12,600	870	1,800	124	7,500	517	1,800	124	7,500	517	2,000	138	10,000	690
1-1/2"	2,500	172	10,000	690	1,800	124	7,500	517	1,800	124	7,500	517	2,000	138	12,000	828
2"	2,500	172	10,000	690	1,800	124	7,500	517	1,800	124	5,500	379	2,000	138	9,000	621

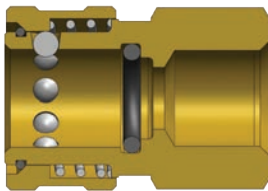
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow ΔP = 15 PSI
1/8"	-	-	-	-	8	N/A	N/A	N/R	3 GPM
1/4"	-	-	-	-	8	N/A	N/A	N/R	6 GPM
3/8"	-	-	-	-	8	N/A	N/A	N/R	14 GPM
1/2"	-	-	-	-	8	N/A	N/A	N/R	24 GPM
3/4"	-	-	-	-	8	N/A	N/A	N/R	58 GPM
1"	-	-	-	-	8	N/A	N/A	N/R	100 GPM
1-1/4"	-	-	-	-	8	N/A	N/A	N/R	150 GPM
1-1/2"	-	-	-	-	8	N/A	N/A	N/R	250 GPM
2"	-	-	-	-	8	N/A	N/A	N/R	350 GPM

E-Series Hydraulic Couplings

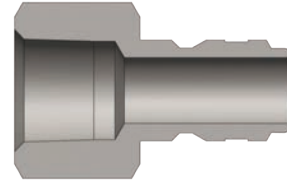
List Price Option Adders:

Body Size	Standard Seal Options								Kalrez® Seal Options						Other Options			
	Viton®		EPDM		Mil-Nitrile		Silicone		4079		6375		7075		Sleeve-Lock		Oxy-Clean	
	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Suf	Add \$	Suf	Add \$
1/8"	F-	\$0.00	P-	\$0.00	M-	\$1.80	S-	\$1.80	K4-	N/A	K6-	N/A	K7-	N/A	-LS	\$3.90	-C1	\$12.00
1/4"	F-	0.00	P-	0.00	M-	2.00	S-	2.00	K4-	N/A	K6-	N/A	K7-	N/A	-LS	3.90	-C1	12.00
3/8"	F-	0.00	P-	0.00	M-	2.36	S-	2.36	K4-	N/A	K6-	N/A	K7-	N/A	-LS	4.50	-C1	12.00
1/2"	F-	0.00	P-	0.00	M-	3.19	S-	3.19	K4-	N/A	K6-	N/A	K7-	N/A	-LS	4.50	-C1	12.00
3/4"	F-	0.00	P-	0.00	M-	4.09	S-	4.09	K4-	N/A	K6-	N/A	K7-	N/A	-LS	6.00	-C1	12.00
1"	F-	0.00	P-	0.00	M-	5.16	S-	5.16	K4-	N/A	K6-	N/A	K7-	N/A	-LS	9.80	-C1	14.00
1-1/4"	F-	0.00	P-	0.00	M-	7.24	S-	7.24	K4-	N/A	K6-	N/A	K7-	N/A	-LS	10.30	-C1	14.00
1-1/2"	F-	0.00	P-	0.00	M-	8.73	S-	8.73	K4-	N/A	K6-	N/A	K7-	N/A	-LS	10.30	-C1	16.00
2"	F-	0.00	P-	0.00	M-	9.54	S-	9.54	K4-	N/A	K6-	N/A	K7-	N/A	-LS	14.60	-C1	20.00



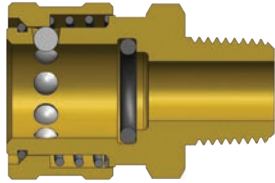
Body Size	E-Series Straight-Through Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	1EF1-B	1/8" - 27 NPTF	brass		1.01	25.7	0.65	16.5	9-16"	0.06	250	500
1/8"	1EF1-S	1/8" - 27 NPTF	303 stainless		1.01	25.7	0.65	16.5	9/16"	0.05	250	500
1/4"	2EF2-B	1/4" - 18 NPTF	brass		1.40	35.6	0.96	24.4	13/16"	0.17	50	200
1/4"	2EF2-S	1/4" - 18 NPTF	303 stainless		1.40	35.6	0.96	24.4	13/16"	0.15	50	200
1/4"	2EBF2-B	1/4" - 19 BSPP	brass		1.40	35.6	0.96	24.4	13/16"	0.17	50	200
3/8"	3EF3-B	3/8" - 18 NPTF	brass		1.60	40.6	1.13	28.7	1"	0.26	50	200
3/8"	3EF3-S	3/8" - 18 NPTF	303 stainless		1.60	40.6	1.13	28.7	1"	0.24	50	200
3/8"	3EBF3-B	3/8" - 19 BSPP	brass		1.60	40.6	1.13	28.7	1"	0.26	50	200
1/2"	4EF4-B	1/2" - 14 NPTF	brass		1.96	49.8	1.27	32.3	1-1/8"	0.39	25	100
1/2"	4EF4-S	1/2" - 14 NPTF	303 stainless		1.96	49.8	1.27	32.3	1-1/8"	0.37	25	100
1/2"	4EBF4-B	1/2" - 14 BSPP	brass		1.96	49.8	1.27	32.3	1-1/8"	0.39	25	100
3/4"	6EF6-B	3/4" - 14 NPTF	brass		2.10	53.3	1.65	41.9	1-1/2"	0.62	15	60
3/4"	6EF6-S	3/4" - 14 NPTF	303 stainless		2.10	53.3	1.65	41.9	1-1/2"	0.57	15	60
3/4"	6EBF6-B	3/4" - 14 BSPP	brass		2.10	53.3	1.65	41.9	1-1/2"	0.62	15	60
1"	8EF8-B	1" - 11 1/2 NPTF	brass		2.36	59.9	2.02	51.3	1-3/4"	0.99	15	30
1"	8EF8-S	1" - 11 1/2 NPTF	303 stainless		2.36	59.9	2.02	51.3	1-3/4"	0.93	15	30
1"	8EBF8-B	1" - 11 BSPP	brass		2.36	59.9	2.02	51.3	1-3/4"	0.99	15	30
1-1/4"	10EF10-B	1-1/4" - 11 1/2 NPTF	brass		2.36	59.9	2.59	65.8	2-1/4"	1.38	-	10
1-1/4"	10EF10-S	1-1/4" - 11 1/2 NPTF	303 stainless		2.36	59.9	2.59	65.8	2-1/4"	1.38	-	10
1-1/2"	12EF12-B	1-1/2" - 11 1/2 NPTF	brass		2.89	73.4	3.18	80.8	2-3/4"	1.42	-	5
1-1/2"	12EF12-S	1-1/2" - 11 1/2 NPTF	303 stainless		2.89	73.4	3.18	80.8	2-3/4"	1.42	-	5
2"	16EF16-B	2" - 11 1/2 NPTF	brass		3.00	76.2	4.04	102.6	3-1/2"	4.70	-	1
2"	16EF16-S	2" - 11 1/2 NPTF	303 stainless		3.00	76.2	4.04	102.6	3-1/2"	4.72	-	1

E-Series Hydraulic Couplings



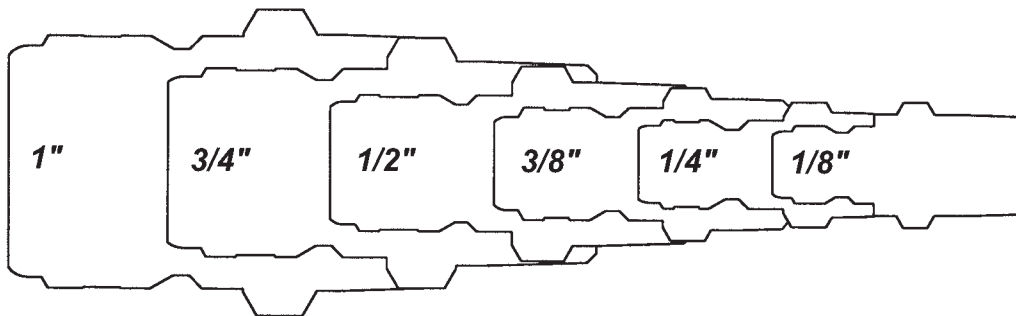
Body Size	E-Series Straight-Through Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	E1F1	1/8" - 27 NPTF	steel		0.98	24.9	0.65	16.5	9/16"	0.03	250	500
1/8"	E1F1-B	1/8" - 27 NPTF	brass		0.98	24.9	0.65	16.5	9/16"	0.03	250	500
1/8"	E1F1-S	1/8" - 27 NPTF	303 stainless		0.98	24.9	0.65	16.5	9/16"	0.02	250	500
1/4"	E2F2	1/4" - 18 NPTF	steel		1.47	37.3	0.79	20.1	11/16"	0.07	50	200
1/4"	E2F2-B	1/4" - 18 NPTF	brass		1.47	37.3	0.79	20.1	11/16"	0.07	50	200
1/4"	E2F2-S	1/4" - 18 NPTF	303 stainless		1.47	37.3	0.79	20.1	11/16"	0.07	50	200
1/4"	E2BF2-B	1/4" - 19 BSPP	brass		1.47	37.3	0.79	20.1	11/16"	0.07	50	200
3/8"	E3F3	3/8" - 18 NPTF	steel		1.60	40.6	1.01	25.7	7/8"	0.11	50	200
3/8"	E3F3-B	3/8" - 18 NPTF	brass		1.60	40.6	1.01	25.7	7/8"	0.12	50	200
3/8"	E3F3-S	3/8" - 18 NPTF	303 stainless		1.60	40.6	1.01	25.7	7/8"	0.12	50	200
3/8"	E3BF3-B	3/8" - 19 BSPP	brass		1.60	40.6	1.01	25.7	7/8"	0.12	50	200
1/2"	E4F4	1/2" - 14 NPTF	steel		1.82	46.2	1.16	29.5	1"	0.21	35	140
1/2"	E4F4-B	1/2" - 14 NPTF	brass		1.82	46.2	1.16	29.5	1"	0.23	35	140
1/2"	E4F4-S	1/2" - 14 NPTF	303 stainless		1.82	46.2	1.16	29.5	1"	0.23	35	140
1/2"	E4BF4-B	1/2" - 14 BSPP	brass		1.82	46.2	1.16	29.5	1"	0.23	35	140
3/4"	E6F6	3/4" - 14 NPTF	steel		2.05	52.1	1.37	34.8	1-3/16"	0.32	25	100
3/4"	E6F6-B	3/4" - 14 NPTF	brass		2.05	52.1	1.37	34.8	1-3/16"	0.32	25	100
3/4"	E6F6-S	3/4" - 14 NPTF	303 stainless		2.05	52.1	1.37	34.8	1-3/16"	0.32	25	100
3/4"	E6BF6-B	3/4" - 14 BSPP	brass		2.05	52.1	1.37	34.8	1-3/16"	0.32	25	100
1"	E8F8	1" - 11 1/2 NPTF	steel		2.36	59.9	1.73	43.9	1-1/2"	0.49	25	50
1"	E8F8-B	1" - 11 1/2 NPTF	brass		2.36	59.9	1.73	43.9	1-1/2"	0.52	25	50
1"	E8F8-S	1" - 11 1/2 NPTF	303 stainless		2.36	59.9	1.73	43.9	1-1/2"	0.52	25	50
1"	E8BF8-B	1" - 11 BSPP	brass		2.36	59.9	1.73	43.9	1-1/2"	0.49	25	50
1-1/4"	E10F10	1-1/4" - 11 1/2 NPTF	steel		2.47	62.7	2.31	58.7	2"	0.85	-	10
1-1/4"	E10F10-B	1-1/4" - 11 1/2 NPTF	brass		2.47	62.7	2.31	58.7	2"	0.85	-	10
1-1/4"	E10F10-S	1-1/4" - 11 1/2 NPTF	303 stainless		2.47	62.7	2.31	58.7	2"	0.85	-	10
1-1/2"	E12F12	1-1/2" - 11 1/2 NPTF	steel		2.74	69.6	2.60	66.0	2-1/4"	1.45	-	5
1-1/2"	E12F12-B	1-1/2" - 11 1/2 NPTF	brass		2.74	69.6	2.60	66.0	2-1/4"	1.45	-	5
1-1/2"	E12F12-S	1-1/2" - 11 1/2 NPTF	303 stainless		2.74	69.6	2.60	66.0	2-1/4"	1.45	-	5
2"	E16F16	2" - 11 1/2 NPTF	steel		3.00	76.2	3.03	77.0	2-5/8"	1.90	-	1
2"	E16F16-B	2" - 11 1/2 NPTF	brass		3.00	76.2	3.03	77.0	2-5/8"	1.90	-	1
2"	E16F16-S	2" - 11 1/2 NPTF	303 stainless		3.00	76.2	3.03	77.0	2-5/8"	1.90	-	1

E-Series Hydraulic Couplings

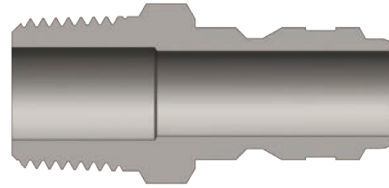
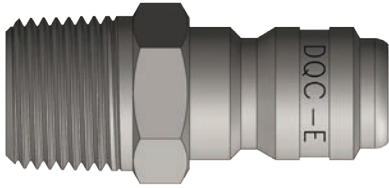


Body Size	E-Series Straight-Through Interchange Coupler (Male Threads)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
1/8"	1EM1-B	1/8" - 27 NPTF	brass	1.01	25.7	0.65	16.5	9-16"	0.06	250	500	
1/8"	1EM1-S	1/8" - 27 NPTF	303 stainless	1.01	25.7	0.65	16.5	9/16"	0.05	250	500	
1/4"	2EM2-B	1/4" - 18 NPTF	brass	1.66	42.2	0.96	24.4	13/16"	0.17	50	200	
1/4"	2EM2-S	1/4" - 18 NPTF	303 stainless	1.66	42.2	0.96	24.4	13/16"	0.15	50	200	
3/8"	3EM3-B	3/8" - 18 NPTF	brass	1.70	43.2	1.13	28.7	1"	0.26	50	200	
3/8"	3EM3-S	3/8" - 18 NPTF	303 stainless	1.70	43.2	1.13	28.7	1"	0.24	50	200	
1/2"	4EM4-B	1/2" - 14 NPTF	brass	2.00	50.8	1.27	32.3	1-1/8"	0.39	25	100	
1/2"	4EM4-S	1/2" - 14 NPTF	303 stainless	2.00	50.8	1.27	32.3	1-1/8"	0.37	25	100	
3/4"	6EM6-B	3/4" - 14 NPTF	brass	2.24	56.9	1.65	41.9	1-1/2"	0.62	15	60	
3/4"	6EM6-S	3/4" - 14 NPTF	303 stainless	2.24	56.9	1.65	41.9	1-1/2"	0.57	15	60	
1"	8EM8-B	1" - 11 1/2 NPTF	brass	2.61	66.3	2.02	51.3	1-3/4"	0.99	15	30	
1"	8EM8-S	1" - 11 1/2 NPTF	303 stainless	2.61	66.3	2.02	51.3	1-3/4"	0.93	15	30	
1-1/4"	10EM10-B	1-1/4" - 11 1/2 NPTF	brass	2.91	73.9	2.59	65.8	2-1/4"	1.64	-	10	
1-1/2"	12EM12-B	1-1/2" - 11 1/2 NPTF	brass	3.44	87.4	3.18	80.8	2-3/4"	2.04	-	5	
2"	16EM16-B	2" - 11 1/2 NPTF	brass	3.70	94.0	4.04	102.6	3-1/2"	3.16	-	1	

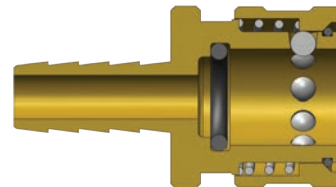
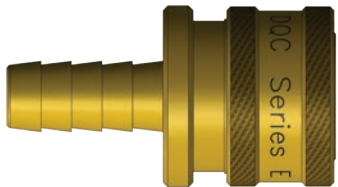
E Series Profiles



E-Series Hydraulic Couplings

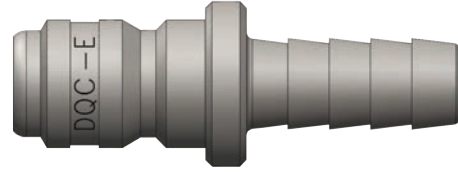
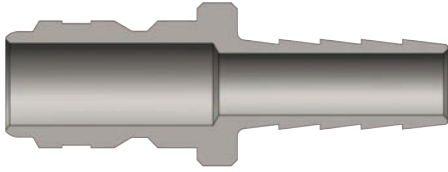


Body Size	E-Series Straight-Through Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	E1M1	1/8" - 27 NPTF	steel		1.15	29.2	0.58	14.7	1/2"	0.02	250	500
1/8"	E1M1-B	1/8" - 27 NPTF	brass		1.15	29.2	0.58	14.7	1/2"	0.02	250	500
1/8"	E1M1-S	1/8" - 27 NPTF	303 stainless		1.15	29.2	0.58	14.7	1/2"	0.02	250	500
1/4"	E2M2	1/4" - 18 NPTF	steel		1.50	38.1	0.65	16.5	9/16"	0.05	50	200
1/4"	E2M2-B	1/4" - 18 NPTF	brass		1.50	38.1	0.65	16.5	9/16"	0.06	50	200
1/4"	E2M2-S	1/4" - 18 NPTF	303 stainless		1.50	38.1	0.65	16.5	9/16"	0.05	50	200
3/8"	E3M3	3/8" - 18 NPTF	steel		1.69	42.9	0.79	20.1	11/16"	0.07	50	200
3/8"	E3M3-B	3/8" - 18 NPTF	brass		1.69	42.9	0.79	20.1	11/16"	0.08	50	200
3/8"	E3M3-S	3/8" - 18 NPTF	303 stainless		1.69	42.9	0.79	20.1	11/16"	0.08	50	200
1/2"	E4M4	1/2" - 14 NPTF	steel		1.91	48.5	1.01	25.7	7/8"	0.13	35	140
1/2"	E4M4-B	1/2" - 14 NPTF	brass		1.91	48.5	1.01	25.7	7/8"	0.15	35	140
1/2"	E4M4-S	1/2" - 14 NPTF	303 stainless		1.91	48.5	1.01	25.7	7/8"	0.13	35	140
3/4"	E6M6	3/4" - 14 NPTF	steel		2.25	57.2	1.23	31.2	1-1/16"	0.21	25	100
3/4"	E6M6-B	3/4" - 14 NPTF	brass		2.25	57.2	1.23	31.2	1-1/16"	0.23	25	100
3/4"	E6M6-S	3/4" - 14 NPTF	303 stainless		2.25	57.2	1.23	31.2	1-1/16"	0.22	25	100
1"	E8M8	1" - 11 1/2 NPTF	steel		2.45	62.2	1.59	40.4	1-3/8"	0.43	25	50
1"	E8M8-B	1" - 11 1/2 NPTF	brass		2.45	62.2	1.59	40.4	1-3/8"	0.48	25	50
1"	E8M8-S	1" - 11 1/2 NPTF	303 stainless		2.45	62.2	1.59	40.4	1-3/8"	0.43	25	50
1-1/4"	E10M10	1-1/4" - 11 1/2 NPTF	steel		2.80	71.1	2.02	51.3	1-3/4"	0.96	-	10
1-1/4"	E10M10-B	1-1/4" - 11 1/2 NPTF	brass		2.80	71.1	2.02	51.3	1-3/4"	0.96	-	10
1-1/2"	E12M12	1-1/2" - 11 1/2 NPTF	steel		3.38	85.9	2.60	66.0	2-1/4"	1.46	-	5
1-1/2"	E12M12-B	1-1/2" - 11 1/2 NPTF	brass		3.38	85.9	2.60	66.0	2-1/4"	1.46	-	5
2"	E16M16	2" - 11 1/2 NPTF	steel		3.58	90.9	3.03	77.0	2-5/8"	1.54	-	1
2"	E16M16-B	2" - 11 1/2 NPTF	brass		3.58	90.9	3.03	77.0	2-5/8"	1.50	-	1



Body Size	E-Series Straight-Through Interchange Coupler (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2ES2-B	1/4"	brass		1.87	47.5	0.96	24.4	-	0.16	50	200
3/8"	3ES3-B	3/8"	brass		1.87	47.5	1.13	28.7	-	0.21	50	200
1/2"	4ES4-B	1/2"	brass		2.90	73.7	1.27	32.3	-	0.31	25	100
3/4"	6ES6-B	3/4"	brass		3.16	80.3	1.63	41.4	-	0.49	15	60
1"	8ES8-B	1"	brass		3.25	82.6	2.02	51.3	-	0.68	15	30

E-Series Hydraulic Couplings



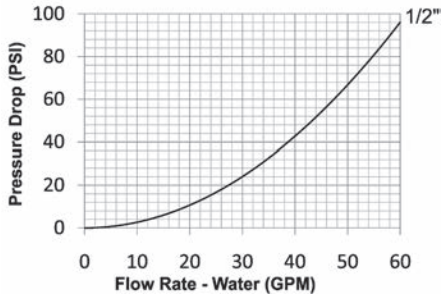
Body Size	E-Series Straight-Through Interchange Nipple (Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	E2S2	1/4"	steel		1.90	48.3	0.56	14.2	-	0.05	50	200
1/4"	E2S2-B	1/4"	brass		1.90	48.3	0.56	14.2	-	0.06	50	200
3/8"	E3S3	3/8"	steel		2.03	51.6	0.63	16.0	-	0.08	50	200
3/8"	E3S3-B	3/8"	brass		2.03	51.6	0.63	16.0	-	0.08	50	200
1/2"	E4S4	1/2"	steel		2.09	53.1	0.75	19.1	-	0.13	35	140
1/2"	E4S4-B	1/2"	brass		2.09	53.1	0.75	19.1	-	0.13	35	140
3/4"	E6S6	3/4"	steel		2.28	57.9	1.13	28.7	-	0.21	25	100
3/4"	E6S6-B	3/4"	brass		2.28	57.9	1.13	28.7	-	0.21	25	100
1"	E8S8	1"	steel		3.28	83.3	1.38	35.1	-	0.43	25	50
1"	E8S8-B	1"	brass		3.28	83.3	1.38	35.1	-	0.43	25	50

Body Size	E-Series Straight-Through Interchange Coupler Seal Kits									
	Part Detail				Seal Kit Contents	Package Qty				
	Part Number	Coupler Style	Seal Material			Bag	Box			
1/4"	2E-SKIT	all	Nitrile		Body O-Ring	25	200			
1/4"	F-2E-SKIT	all	Viton®		Body O-Ring	25	200			
1/4"	P-2E-SKIT	all	EPDM		Body O-Ring	25	200			
3/8"	3E-SKIT	all	Nitrile		Body O-Ring	25	200			
3/8"	F-3E-SKIT	all	Viton®		Body O-Ring	25	200			
3/8"	P-3E-SKIT	all	EPDM		Body O-Ring	25	200			
1/2"	4E-SKIT	all	Nitrile		Body O-Ring	25	200			
1/2"	F-4E-SKIT	all	Viton®		Body O-Ring	25	200			
1/2"	P-4E-SKIT	all	EPDM		Body O-Ring	25	200			
3/4"	6E-SKIT	all	Nitrile		Body O-Ring	25	200			
3/4"	F-6E-SKIT	all	Viton®		Body O-Ring	25	200			
3/4"	P-6E-SKIT	all	EPDM		Body O-Ring	25	200			
1"	8E-SKIT	all	Nitrile		Body O-Ring	25	200			
1"	F-8E-SKIT	all	Viton®		Body O-Ring	25	200			
1"	P-8E-SKIT	all	EPDM		Body O-Ring	25	200			
1-1/4"	10E-SKIT	all	Nitrile		Body O-Ring	25	-			
1-1/4"	F-10E-SKIT	all	Viton®		Body O-Ring	25	-			
1-1/4"	P-10E-SKIT	all	EPDM		Body O-Ring	25	-			
1-1/2"	12E-SKIT	all	Nitrile		Body O-Ring	25	-			
1-1/2"	F-12E-SKIT	all	Viton®		Body O-Ring	25	-			
1-1/2"	P-12E-SKIT	all	EPDM		Body O-Ring	25	-			
2"	16E-SKIT	all	Nitrile		Body O-Ring	25	-			
2"	F-16E-SKIT	all	Viton®		Body O-Ring	25	-			
2"	P-16E-SKIT	all	EPDM		Body O-Ring	25	-			

EA-Series Hydraulic Couplings

Interchange Data:

- Water-Blast Interchange
- Parker Series-WB, Aeroquip FD69, Snap-Tite 56-Series



Materials:

- Machined components are manufactured using solid high strength steel bar stock.
- Stainless steel springs and retaining rings maximize corrosion resistance and extend service life.
- Latches are manufactured from high-strength steel and plated with electroless nickel.
- Steel nipples are machined from solid high strength steel bar stock and hardened.
- Machined steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- Couplers have a PTFE Anti-Extrusion ring, providing resistance to O-Ring dynamic impulse pressure damage.

Rated Pressure Chart:

Body Size	EA-Series Water-Blast Interchange (Connected)			
	Coupler/Plug			
	Maximum Working		Burst	
	PSI	Bar	PSI	Bar
1/2"	10,000	700	30,000	2,100

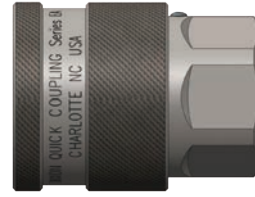
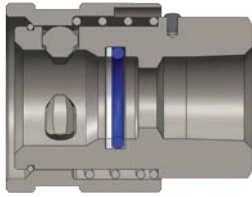
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow ΔP = 40 PSI
1/2"	-	-	-	-	Maxi-Latch	N/A	N/A	N/R	40 GPM

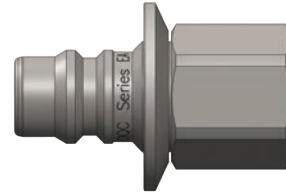
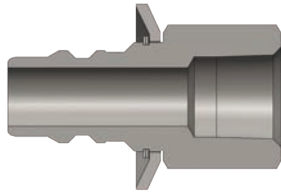
List Price Option Adders:

Body Size	Standard Seal Options										Kalrez® Seal Options						Other Options			
	Viton®		EPDM		FDA Viton®		Mil-Nitrile		Silicone		4079		6375		7075		No Pin-Lock		Oxy-Clean	
	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Pre	Add \$	Suf	Add \$	Suf	Add \$
1/2"	F-	\$0.00	P-	\$4.00	D-	\$5.20	M-	\$3.60	S-	\$4.50	K4-	POR	K6-	POR	K7-	POR	-NL	-\$5.20	-C1	\$12.00

EA-Series Hydraulic Couplings



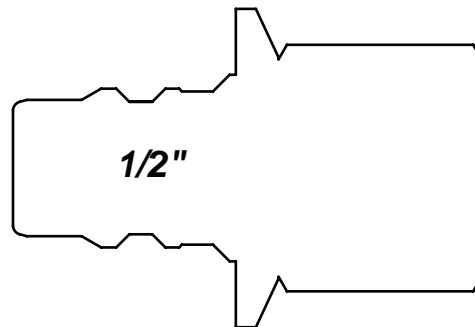
Body Size	EA-Series Water-Blast Interchange Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	4EAF3	3/8" - 18 NPTF	steel		2.20	55.9	1.62	41.1	1-1/4"	0.68	5	25
1/2"	4EAF4	1/2" - 14 NPTF	steel		2.20	55.9	1.62	41.1	1-1/4"	0.65	5	25



Body Size	EA-Series Water-Blast Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/2"	EA4F3	3/8" - 18 NPTF	steel		2.35	59.7	1.62	41.1	1-1/8"	0.38	5	25
1/2"	EA4F4	1/2" - 14 NPTF	steel		2.35	59.7	1.62	41.1	1-1/8"	0.34	5	25

Body Size	E-Series Water-Blast Interchange Coupler Seal Kits							
	Part Detail				Seal Kit		Package Qty	
	Part Number	Coupler Style	Seal Material		Contents		Bag	Box
1/2"	4EA-SKIT	all	Nitrile		Body O-Ring and PTFE Back-up		25	200
1/2"	F-4EA-SKIT	all	Viton®		Body O-Ring and PTFE Back-up		25	200
1/2"	P-4EA-SKIT	all	EPDM		Body O-Ring and PTFE Back-up		25	200

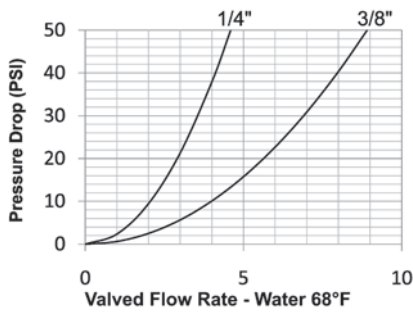
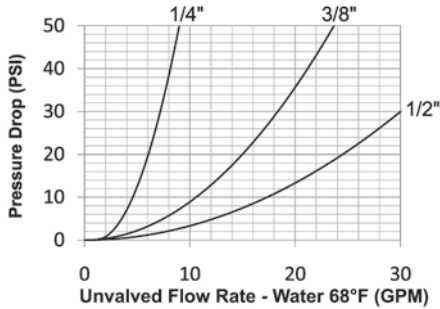
EA Profile



CM-Series Hydraulic Couplings

Interchange Data:

- Mold Coolant Interchange
Foster Series-FJT, Hansen Flo-Temp, Tomco MC-Series
Parker Moldmate, DME Jiffy-Tite



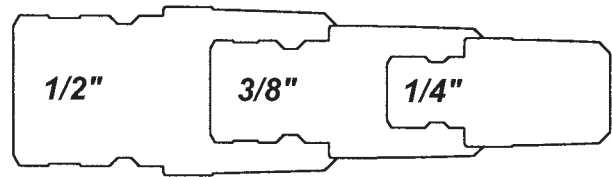
Materials:

- Machined components are manufactured using solid steel or brass bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

- Silicon gaskets and valve O-rings are standard, providing a temperature range of -90°F to +400°F (-68°C to +205°C).

CM Series Profiles



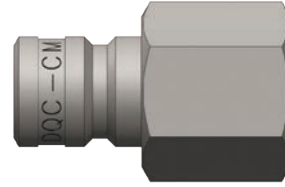
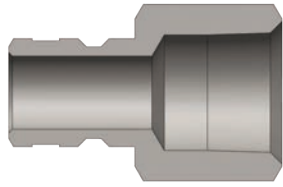
Rated Pressure Chart:

Body Size	CM-Series Industrial Mold Interchange (Connected)															
	Unvalved Coupler/Brass Plug				Unvalved Coupler/Steel Plug				Valved Coupler/Brass Plug				Valved Coupler/Steel Plug			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	300	20	10,000	700	500	35	10,700	750	300	20	6,000	400	300	20	6,100	400
3/8"	300	20	14,500	1,000	500	35	14,200	1,000	300	20	6,700	450	300	20	6,100	400
1/2"	300	20	4,900	340	-	-	-	-	-	-	-	-	-	-	-	-

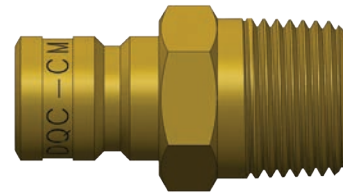
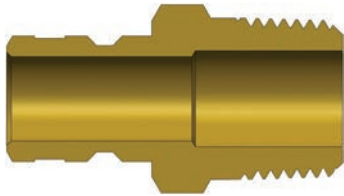
Technical Specifications:

Body Size	Interchange Standards				Functional Parameters					
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow $\Delta P = 7$ PSI	
1/4"	-	-	-	-	6	N/A	N/A	N/R	3 GPM	
3/8"	-	-	-	-	8	N/A	N/A	N/R	9 GPM	
1/2"	-	-	-	-	8	N/A	N/A	N/R	15 GPM	

CM-Series Hydraulic Couplings



Body Size	CM-Series Industrial Mold Interchange Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	CM2F1	1/8" - 27 NPTF	steel		0.90	22.9	0.58	14.7	1/2"	0.02	10	100
1/4"	CM2F1-B	1/8" - 27 NPTF	brass		0.90	22.9	0.58	14.7	1/2"	0.02	10	100
1/4"	CM2F2	1/4" - 18 NPTF	steel		1.12	28.4	0.72	18.3	5/8"	0.04	10	100
1/4"	CM2F2-B	1/4" - 18 NPTF	brass		1.12	28.4	0.72	18.3	5/8"	0.05	10	100
1/4"	CM2F3	3/8" - 18 NPTF	steel		1.21	30.7	0.87	22.1	3/4"	0.08	10	100
1/4"	CM2F3-B	3/8" - 18 NPTF	brass		1.21	30.7	0.87	22.1	3/4"	0.08	10	100
3/8"	CM3F2	1/4" - 18 NPTF	steel		1.34	34.0	0.72	18.3	5/8"	0.05	10	50
3/8"	CM3F2-B	1/4" - 18 NPTF	brass		1.34	34.0	0.72	18.3	5/8"	0.05	10	50
3/8"	CM3F3	3/8" - 18 NPTF	steel		1.34	34.0	0.87	22.1	3/4"	0.06	10	50
3/8"	CM3F3-B	3/8" - 18 NPTF	brass		1.34	34.0	0.87	22.1	3/4"	0.07	10	50
1/2"	CM4F4-B	1/2" - 14 NPTF	brass		1.69	42.9	1.16	29.5	1"	0.09	5	30
1/2"	CM4F6-B	3/4" - 14 NPTF	brass		1.69	42.9	1.37	34.8	1-3/16"	0.10	5	30

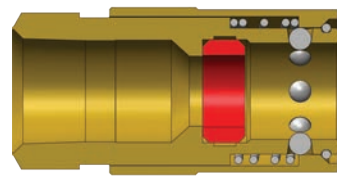


Body Size	CM-Series Industrial Mold Interchange Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	CM2M1-B	1/8" - 27 NPTF	brass		1.00	25.4	0.65	16.5	9/16"	0.02	10	100
1/4"	CM2M2-B	1/4" - 18 NPTF	brass		1.15	29.2	0.65	16.5	9/16"	0.03	10	100
1/4"	CM2M3-B	3/8" - 18 NPTF	brass		1.21	30.7	0.79	20.1	11/16"	0.05	10	100
3/8"	CM3M2-B	1/4" - 18 NPTF	brass		1.37	34.8	0.65	16.5	9/16"	0.04	10	50
3/8"	CM3M3-B	3/8" - 18 NPTF	brass		1.43	36.3	0.79	20.1	11/16"	0.00	10	50
3/8"	CM3M4-B	1/2" - 14 NPTF	brass		1.58	40.1	1.01	25.7	7/8"	0.07	10	50
1/2"	CM4M4-B	1/2" - 14 NPTF	brass		1.69	42.9	1.01	25.7	7/8"	0.10	5	30
1/2"	CM4M6-B	3/4" - 14 NPTF	brass		1.79	45.5	1.23	31.2	1-1/16"	0.11	5	30

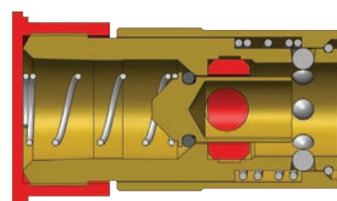
CM-Series Hydraulic Couplings



Body Size	CM-Series Industrial Mold Interchange Extension Nipple (Male Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	CM2M1-B-L2.5	1/8" - 27 NPTF	brass		2.50	63.5	0.51	13.0	7/16"	0.06	10	50
1/4"	CM2M1-B-L4	1/8" - 27 NPTF	brass		4.00	101.6	0.51	13.0	7/16"	0.10	10	50
1/4"	CM2M1-B-L5.5	1/8" - 27 NPTF	brass		5.50	139.7	0.51	13.0	7/16"	0.13	10	50
1/4"	CM2M2-B-L2.5	1/4" - 18 NPTF	brass		2.50	63.5	0.65	16.5	9/16"	0.09	10	50
1/4"	CM2M2-B-L4	1/4" - 18 NPTF	brass		4.00	101.6	0.65	16.5	9/16"	0.15	10	50
1/4"	CM2M2-B-L5.5	1/4" - 18 NPTF	brass		5.50	139.7	0.65	16.5	9/16"	0.22	10	50
1/4"	CM2M2-B-L7	1/4" - 18 NPTF	brass		7.00	177.8	0.65	16.5	9/16"	0.27	10	50
3/8"	CM3M1-B-L2.5	1/8" - 27 NPTF	brass		2.50	63.5	0.65	16.5	9/16"	0.07	5	25
3/8"	CM3M1-B-L4	1/8" - 27 NPTF	brass		4.00	101.6	0.65	16.5	9/16"	0.11	5	25
3/8"	CM3M1-B-L5.5	1/8" - 27 NPTF	brass		5.50	139.7	0.65	16.5	9/16"	0.15	5	25
3/8"	CM3M1-B-L7	1/8" - 27 NPTF	brass		7.00	177.8	0.65	16.5	9/16"	0.18	5	25
3/8"	CM3M2-B-L2.5	1/4" - 18 NPTF	brass		2.50	63.5	0.65	16.5	9/16"	0.09	5	25
3/8"	CM3M2-B-L4	1/4" - 18 NPTF	brass		4.00	101.6	0.65	16.5	9/16"	0.15	5	25
3/8"	CM3M2-B-L5.5	1/4" - 18 NPTF	brass		5.50	139.7	0.65	16.5	9/16"	0.21	5	25
3/8"	CM3M2-B-L7	1/4" - 18 NPTF	brass		7.00	177.8	0.65	16.5	9/16"	0.27	5	25
3/8"	CM3M2-B-L8.5	1/4" - 18 NPTF	brass		8.50	215.9	0.65	16.5	9/16"	0.33	5	25
3/8"	CM3M2-B-L11.5	1/4" - 18 NPTF	brass		11.50	292.1	0.65	16.5	9/16"	0.45	5	25

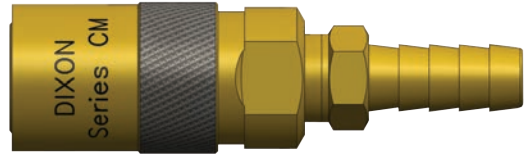
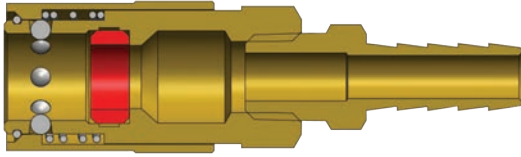


Body Size	CM-Series Industrial Mold Interchange Unvalved Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2CMF1-B-E	1/8" - 27 NPTF	brass		1.35	34.3	0.69	17.5	9/16"	0.07	10	100
1/4"	2CMF2-B-E	1/4" - 18 NPTF	brass		1.35	34.3	0.79	20.1	11/16"	0.08	10	100
3/8"	3CMF2-B-E	1/4" - 18 NPTF	brass		1.84	46.7	0.95	24.1	3/4"	0.21	10	50
3/8"	3CMF3-B-E	3/8" - 18 NPTF	brass		1.84	46.7	1.01	25.7	7/8"	0.23	10	50
1/2"	4CMF4-B-E	1/2" - 14 NPTF	brass		2.02	51.3	1.24	31.5	1-1/8"	0.34	5	30

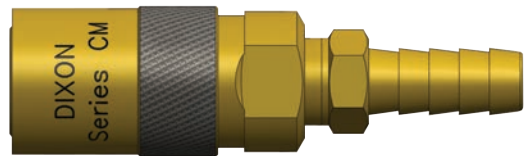
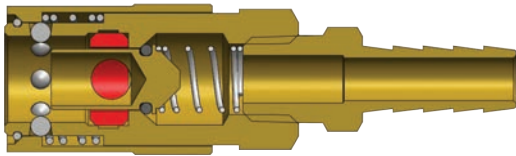


Body Size	CM-Series Industrial Mold Interchange Valved Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2CMF1-B	1/8" - 27 NPTF	brass		1.35	34.3	0.69	17.5	9/16"	0.07	10	100
3/8"	3CMF2-B	1/4" - 18 NPTF	brass		1.84	46.7	0.95	24.1	3/4"	0.21	10	50

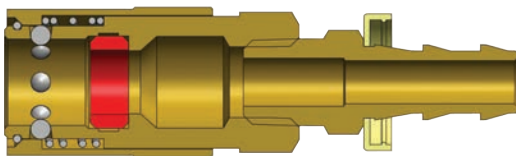
CM-Series Hydraulic Couplings



Body Size	CM-Series Industrial Mold Interchange Unvalved Coupler (Hose Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2CMS2-B-E	1/4"	brass	2.11	53.6	0.69	17.5	-	0.10	10	100	
1/4"	2CMS2.5-B-E	5/16"	brass	2.10	53.3	0.69	17.5	-	0.09	10	100	
1/4"	2CMS3-B-E	3/8"	brass	2.10	53.3	0.69	17.5	-	0.11	10	100	
3/8"	3CMS3-B-E	3/8"	brass	2.55	64.8	0.95	24.1	-	0.24	10	50	
3/8"	3CMS4-B-E	1/2"	brass	2.55	64.8	0.95	24.1	-	0.25	10	50	
1/2"	4CMS4-B-E	1/2"	brass	2.98	75.7	1.18	30.0	-	0.46	5	30	
1/2"	4CMS6-B-E	3/4"	brass	2.98	75.7	1.18	30.0	-	0.48	5	30	

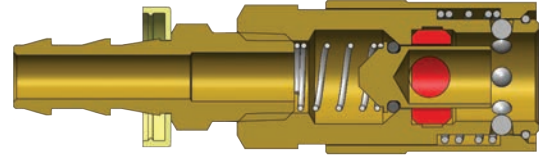
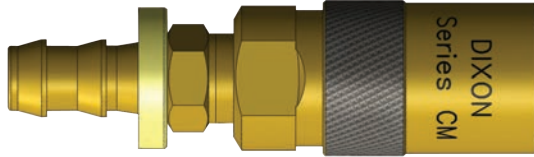


Body Size	CM-Series Industrial Mold Interchange Valved Coupler (Hose Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2CMS2-B	1/4"	brass	2.66	67.6	0.69	17.5	-	0.10	10	100	
1/4"	2CMS2.5-B	5/16"	brass	2.66	67.6	0.69	17.5	-	0.10	10	100	
1/4"	2CMS3-B	3/8"	brass	2.66	67.6	0.69	17.5	-	0.10	10	100	
3/8"	3CMS3-B	3/8"	brass	3.30	83.8	0.95	24.1	-	0.27	10	50	
3/8"	3CMS4-B	1/2"	brass	3.28	83.3	0.95	24.1	-	0.28	10	50	

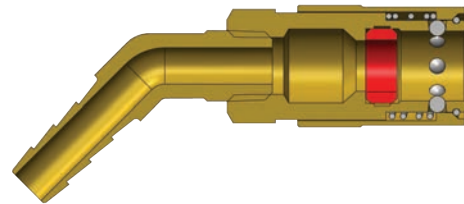
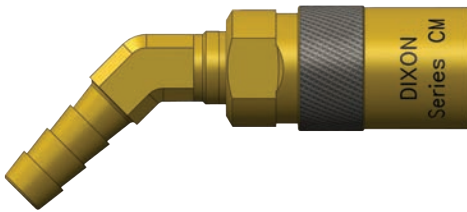


Body Size	CM-Series Industrial Mold Interchange Unvalved Coupler (Push-Loc Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2CMB2-B-E	1/4"	brass	2.08	52.8	0.69	17.5	-	0.10	10	100	
1/4"	2CMB3-B-E	3/8"	brass	2.08	52.8	0.69	17.5	-	0.11	10	100	
3/8"	3CMB3-B-E	3/8"	brass	2.53	64.3	0.95	24.1	-	0.26	10	50	
3/8"	3CMB4-B-E	1/2"	brass	2.69	68.3	0.95	24.1	-	0.25	10	50	
1/2"	4CMB4-B-E	1/2"	brass	3.12	79.2	1.18	30.0	-	0.50	5	30	
1/2"	4CMB6-B-E	3/4"	brass	3.12	79.2	1.18	30.0	-	0.51	5	30	

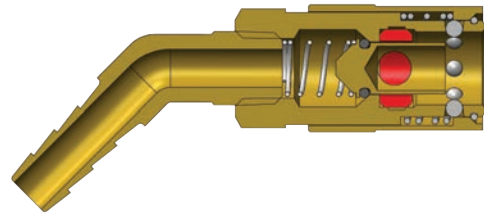
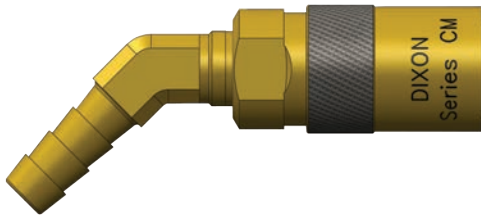
CM-Series Hydraulic Couplings



Body Size	CM-Series Industrial Mold Interchange Valved Coupler (Push-Loc Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2CMB2-B	1/4"	brass	2.64	67.1	0.69	17.5	-	0.10	10	100	
1/4"	2CMB3-B	3/8"	brass	2.67	67.8	0.69	17.5	-	0.13	10	100	
3/8"	3CMB3-B	3/8"	brass	3.28	83.3	0.95	24.1	-	0.29	10	50	
3/8"	3CMB4-B	1/2"	brass	3.44	87.4	0.95	24.1	-	0.30	10	50	

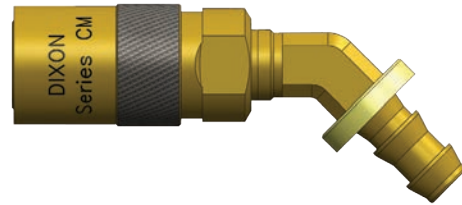
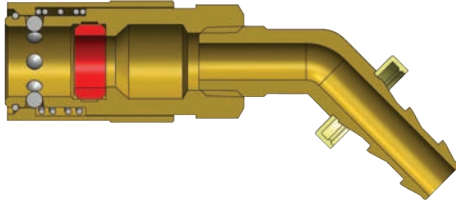


Body Size	CM-Series Industrial Mold Interchange Unvalved Coupler (45° Hose Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2CM4S2-B-E	1/4"	brass	2.87	72.9	0.69	17.5	-	0.13	10	100	
1/4"	2CM4S2.5-B-E	5/16"	brass	2.89	73.4	0.69	17.5	-	0.13	10	100	
1/4"	2CM4S3-B-E	3/8"	brass	2.91	73.9	0.69	17.5	-	0.13	10	100	
3/8"	3CM4S3-B-E	3/8"	brass	3.83	97.3	0.95	24.1	-	0.36	10	50	
3/8"	3CM4S4-B-E	1/2"	brass	3.86	98.0	0.95	24.1	-	0.36	10	50	
1/2"	4CM4S4-B-E	1/2"	brass	4.18	106.2	1.18	30.0	-	0.74	5	30	
1/2"	4CM4S6-B-E	3/4"	brass	4.56	115.8	1.18	30.0	-	0.76	5	30	

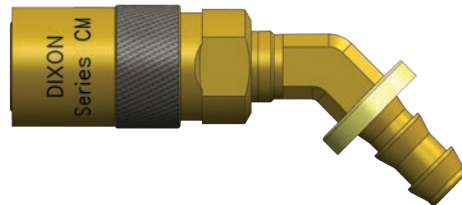
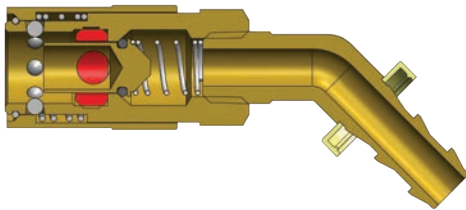


Body Size	CM-Series Industrial Mold Interchange Valved Coupler (45° Hose Barb)											
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty		
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box	
1/4"	2CM4S2-B	1/4"	brass	2.87	72.9	0.69	17.5	-	0.13	10	100	
1/4"	2CM4S2.5-B	5/16"	brass	2.89	73.4	0.69	17.5	-	0.13	10	100	
1/4"	2CM4S3-B	3/8"	brass	2.91	73.9	0.69	17.5	-	0.14	10	100	
3/8"	3CM4S3-B	3/8"	brass	3.83	97.3	0.95	24.1	-	0.36	10	50	
3/8"	3CM4S4-B	1/2"	brass	3.86	98.0	0.95	24.1	-	0.36	10	50	

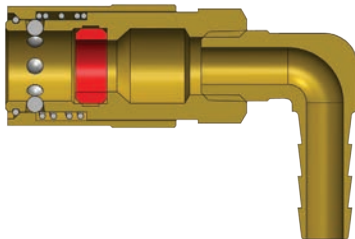
CM-Series Hydraulic Couplings



Body Size	CM-Series Industrial Mold Interchange Unvalved Coupler (45° Push-Loc Barb)										
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box
1/4"	2CM4B2-B-E	1/4"	brass	2.86	72.6	0.69	17.5	-	0.13	10	100
1/4"	2CM4B3-B-E	3/8"	brass	2.92	74.2	0.69	17.5	-	0.15	10	100
3/8"	3CM4B3-B-E	3/8"	brass	3.82	97.0	0.95	24.1	-	0.34	10	50
3/8"	3CM4B4-B-E	1/2"	brass	3.98	101.1	0.95	24.1	-	0.34	10	50
1/2"	4CM4B4-B-E	1/2"	brass	4.28	108.7	1.18	30.0	-	0.83	5	30
1/2"	4CM4B6-B-E	3/4"	brass	4.56	115.8	1.18	30.0	-	0.83	5	30

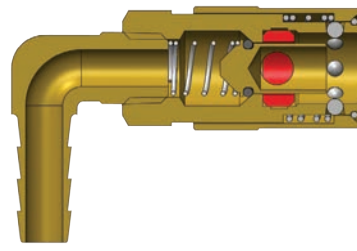


Body Size	CM-Series Industrial Mold Interchange Valved Coupler (45° Push-Loc Barb)										
	Part Detail			length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box
1/4"	2CM4B2-B	1/4"	brass	2.86	72.6	0.69	17.5	-	0.14	10	100
1/4"	2CM4B3-B	3/8"	brass	2.92	74.2	0.69	17.5	-	0.17	10	100
3/8"	3CM4B3-B	3/8"	brass	3.82	97.0	0.95	24.1	-	0.36	10	50
3/8"	3CM4B4-B	1/2"	brass	3.98	101.1	0.95	24.1	-	0.40	10	50

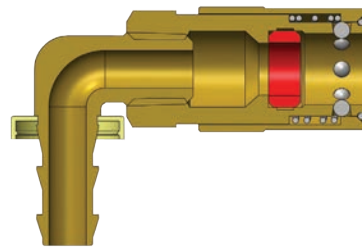
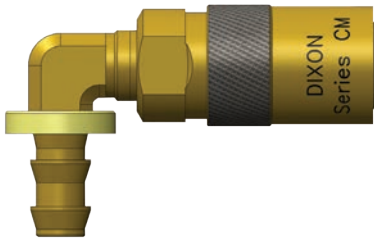


Body Size	CM-Series Industrial Mold Interchange Unvalved Coupler (90° Hose Barb)										
	Part Detail			Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material	Inch	mm	Inch	mm			Bag	Box
1/4"	2CM9S2-B-E	1/4"	brass	1.98	50.3	0.69	17.5	-	0.13	10	100
1/4"	2CM9S2.5-B-E	5/16"	brass	1.98	50.3	0.69	17.5	-	0.13	10	100
1/4"	2CM9S3-B-E	3/8"	brass	2.17	55.1	0.69	17.5	-	0.14	10	100
3/8"	3CM9S3-B-E	3/8"	brass	2.84	72.1	0.95	24.1	-	0.31	10	50
3/8"	3CM9S4-B-E	1/2"	brass	2.85	72.4	0.95	24.1	-	0.33	10	50
1/2"	4CM9S4-B-E	1/2"	brass	3.50	88.9	1.18	30.0	-	0.79	5	30
1/2"	4CM9S6-B-E	3/4"	brass	3.50	88.9	1.18	30.0	-	0.80	5	30

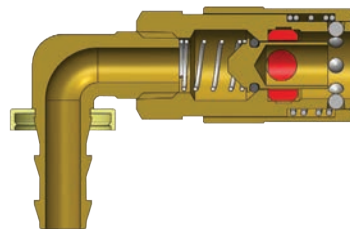
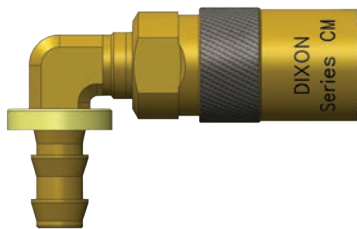
CM-Series Hydraulic Couplings



Body Size	CM-Series Industrial Mold Interchange Valved Coupler (90° Hose Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2CM9S2-B	1/4"	brass		1.98	50.3	0.69	17.5	-	0.14	10	100
1/4"	2CM9S2.5-B	5/16"	brass		1.98	50.3	0.69	17.5	-	0.14	10	100
1/4"	2CM9S3-B	3/8"	brass		2.17	55.1	0.69	17.5	-	0.15	10	100
3/8"	3CM9S3-B	3/8"	brass		2.84	72.1	0.95	24.1	-	0.31	10	50
3/8"	3CM9S4-B	1/2"	brass		2.85	72.4	0.95	24.1	-	0.35	10	50

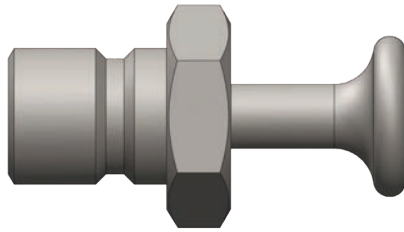


Body Size	CM-Series Industrial Mold Interchange Unvalved Coupler (90° Push-Loc Barb)											
	Part Detail				Length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2CM9B2-B-E	1/4"	brass		2.07	52.6	0.69	17.5	-	0.14	10	100
1/4"	2CM9B3-B-E	3/8"	brass		2.17	55.1	0.69	17.5	-	0.16	10	100
3/8"	3CM9B3-B-E	3/8"	brass		2.93	74.4	0.95	24.1	-	0.37	10	50
3/8"	3CM9B4-B-E	1/2"	brass		2.98	75.7	0.95	24.1	-	0.37	10	50
1/2"	4CM9B4-B-E	1/2"	brass		3.50	88.9	1.18	30.0	-	0.83	5	30
1/2"	4CM9B6-B-E	3/4"	brass		3.50	88.9	1.18	30.0	-	0.83	5	30



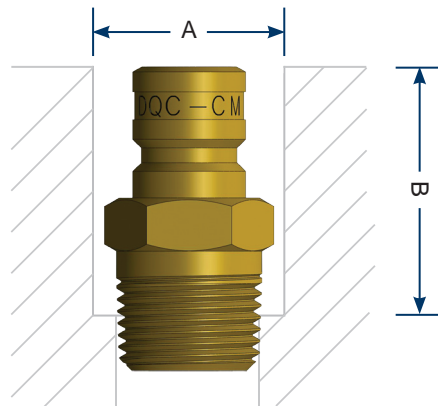
Body Size	CM-Series Industrial Mold Interchange Valved Coupler (90° Push-Loc Barb)											
	Part Detail				length		Maximum OD		Hex Inch	Weight Lb	Package Qty	
	Part Number	Hose ID	Material		Inch	mm	Inch	mm			Bag	Box
1/4"	2CM9B2-B	1/4"	brass		2.07	52.6	0.69	17.5	-	0.14	10	100
1/4"	2CM9B3-B	3/8"	brass		2.17	55.1	0.69	17.5	-	0.17	10	100
3/8"	3CM9B3-B	3/8"	brass		2.93	74.4	0.95	24.1	-	0.37	10	50
3/8"	3CM9B4-B	1/2"	brass		2.98	75.7	0.95	24.1	-	0.39	10	50

CM-Series Hydraulic Couplings



Body Size	CM-Series Coupler Rigid Dust Plug						
	Part Detail				Weight Lb	Package Qty	
	Part Number	Lanyard	Body			Bag	Box
1/4"	2CMPC-B	N/A	brass		0.09	10	100
3/8"	3CMPC-B	N/A	brass		0.12	10	50
1/2"	4CMPC-B	N/A	brass		0.15	5	30

Body Size	CM-Series Industrial Mold Interchange Coupler Seal Kits						
	Part Detail				Seal Kit Contents	Package Qty	
	Part Number	Coupler Style	Seal Material			Bag	Box
1/4"	2CM-SKIT	all	Silicone		Body Seal	25	200
3/8"	3CM-SKIT	all	Silicone		Body Seal	25	200
1/2"	4CM-SKIT	all	Silicone		Body Seal	25	200



Counterbored mold ports will protect the male threaded nipple, allowing the nipple to be mounted below the surface, simplifying storing and handling of molds. Dixon male threaded plugs are constructed of corrosion resistant brass to maximize longevity in moist environments.

Body Size	Part Detail		Dimension A	Dimension B
	Part Number	Threads		
1/4"	CM2M1-B	1/8" - 27 NPTF	17.5 mm (0.69")	17.5 mm (0.69")
1/4"	CM2M2-B	1/4" - 18 NPTF	21.3 mm (0.84")	23.9 mm (0.94")
1/4"	CM2M3-B	3/8" - 18 NPTF	25.4 mm (1.00")	24.6 mm (0.97")
3/8"	CM3M2-B	1/4" - 18 NPTF	17.5 mm (0.69")	23.9 mm (0.94")
3/8"	CM3M3-B	3/8" - 18 NPTF	21.3 mm (0.84")	28.7 mm (1.13")
3/8"	CM3M4-B	1/2" - 14 NPTF	25.4 mm (1.00")	31.8 mm (1.25")
1/2"	CM4M4-B	1/2" - 14 NPTF	31.8 mm (1.25")	38.1 mm (1.50")
1/2"	CM4M6-B	3/4" - 14 NPTF	38.1 mm (1.50")	39.6 mm (1.56")