

FOSTER®





Our comprehensive offerings of engineered critical components used in supporting, securing and connecting the movement of air and electricity in critical applications. We are a growing family of brands known for their superior subject matter expertise.

Our products include:

Hose clamps, support systems, Hose Fittings, Couplings and more.

Our products are:

dedicated to Customers, Passion for growth, outstanding quality.

Our products include:

Support.	Secure.	Connect.

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We reserve the right to make specification changes without notice. While every effort has been made to assure the accuracy of information contained in this catalog at the time of publication, we cannot accept responsibility for inaccuracies resulting from undetected errors or omissions.



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Industrial Interchange				
				
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Pneumatic QD

Hydraulic QD

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Fittings & Accessories

Hoses & Fittings

Loop & Ring Clamps

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Pneumatic QD

Hydraulic QD

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Be Safe When Selecting Quick Couplings!

! 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

- !**
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.
 11. Connect and disconnect at zero pressure for personal safety and maximum product life.

Unsafe Quick Coupling Practices

- !**
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.





CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Foster Manufacturing Company Inc.

Main Site: 2324 West Battlefield Road,
Springfield, Missouri, 65807, United States

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

The design, manufacture and resale of hydraulic and pneumatic quick disconnect couplers and air hose blow guns and accessories.

Certificate Number:
0008870

Initial Certification Date:
03 February 2014

Date of Certification Decision:
30 January 2023

Issuing Date:
30 January 2023

Valid Until:
02 February 2026





Calin Moldovean
President, Business Assurance

Intertek Testing Services NA, Inc.
900 Chelmsford Street, Lowell
MA 01851, USA



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



Canadian Registration under CR Certification

The following product series have Canadian Registration Numbers:
FHK (ISO B), FST (straight-thru), and pneumatic industrial interchange (2-6 One-Way Shut-off).

Ontario Province – CRN No. 0H20062.5

Quebec Province – CRN No. 0H20062.56

British Columbia Province – CRN No. 0H20062.51

Saskatchewan Province – CRN No. 0H20062.56

Maritimes Province – CRN No. 0H20062.59870YTN

For questions please contact either your Regional Sales Manager (RSM) or Customer Service at 866-918-3003.



PNEUMATIC QUICK DISCONNECTS

PNEUMATIC QD SELECTION CHART

Foster Breco Coupling Series	Page	Coupling Style				Interchange						Body Material					Locating		Flow Type						
		Manual	Automatic	Push	Slotted	AR	Industrial	Lincoln	Long	Par	oldmate	Hansen	chrader	Tru-Flate	Rectus	Aluminum	Brass	steel	stainless steel	Ball Loc	stainless steel Pins	lee Loc	one-way	Two-way	through
Series	12 - 14	◆				◆								◆					◆	◆	◆	◆		◆	◆
Series & B C D	15 - 21	◆	◆			◆									◆				◆	◆	◆	◆	◆	◆	◆
Series & B C D	22 - 26	◆	◆			◆									◆				◆	◆	◆	◆	◆	◆	◆
Series & B C D	27 - 32	◆	◆			◆						◆							◆	◆	◆	◆	◆	◆	◆
Series & B	33 - 34		◆			◆									◆				◆	◆	◆	◆	◆	◆	◆
&	35 - 36	◆	◆			◆									◆				◆	◆	◆	◆	◆	◆	◆
&	37 - 38	◆	◆			◆									◆				◆	◆	◆	◆	◆	◆	◆
TF &	39-42		◆									◆			◆	◆	◆						◆	◆	◆
HD & TL	43 - 45		◆								◆				◆			◆	◆				◆	◆	◆
-A	46 - 47	◆									◆				◆				◆				◆	◆	◆
FRL	48 - 49		◆								◆				◆	◆			◆				◆	◆	◆
L & L	50 - 51	◆	◆				◆								◆				◆		◆		◆	◆	◆
F	52	◆									◆				◆				◆				◆	◆	◆
DR	53		◆										◆	◆					◆				◆	◆	◆
	54		◆			◆	◆					◆			◆				◆	◆			◆	◆	◆
	55				◆	◆	◆					◆			◆				◆				◆	◆	◆
	56 - 59				◆	◆								◆	◆	◆	◆		◆				◆	◆	◆
Push Buttons	60			◆	◆	◆								◆					◆				◆	◆	◆
Slotted	60			◆	◆									◆					◆				◆	◆	◆
F T	61 - 68	◆							◆					◆	◆	◆			◆	◆	◆		◆	◆	◆

Important that users of the Quick Release Couplers read the safety guidelines on pages 8 & 9. Proper use of products can lead to severe injury and damage to equipment.

Series

Series:

- ☒ High flow metal valves.
- ☒ Precision molded seals form a "bubble tight" seal for reliable operation within rated working pressures. Nitrile (Buna-N) seals are standard. EPDM, Viton and Neoprene seals are available as options.
- ☒ Proven ball locking mechanism with large numbers of stainless steel locking balls evenly distribute the load to resist wear and provide positive connections and allow a swiveling action to reduce hose torque.
- ☒ **Integral sleeve guard protects the sleeve and resists accidental disconnects or the G series**
- ☒ Knurling and/or grooves on the sleeve provide a gripping surface for ease of operation.
- ☒ Wide range of body sizes, materials, options and end terminations are available to meet specific needs.
- ☒ Accepts Industrial Interchange Plug.



☒ **Series:** Sleeve type couplings are widely used to connect air and low pressure fluid lines. Their compact and economical design uses a ball locking mechanism consisting of captive stainless steel balls that engage the locking groove on the mating plug. The sliding spring loaded sleeve on the socket must be manually retracted in order to connect or disconnect the plug.

☒ **Series:** Brass body and socket end, zinc-plated steel sleeve

W Series: 300 PSIG; vacuum to 27" Hg

Series: Complies with ANSI/NFPA T3.20.14-1990 & ISO 6150-B


Specifications	Body Size		
	1/2"	3/4"	1"
Rated Pressure (psig)	300	300	300
Temp. Range (Buna-N Seal)	-40° to +250° F		
Locking Device	Stainless Steel Balls		
Vacuum Data (inches Hg)			
-- Disconnected (coupler only)	Not Recommended		
-- Connected	27.4	27.4	27.4
Approximate CFM at 100 (psi)	37	70	150

Series


Female Thread	Part No	FPT	Description
	2302	1/8"	Brass/Steel
	BL2302		Ball Lock
	2302H		Brass/Steel For Heat, Viton Seal
	2302HW		Brass/SS For Hot Water, Viton Seal
	2302S/S		303 Stainless
	BL2302S/S		Ball Lock, 303 Stainless
	2302S/SH		303 Stainless For Heat, Viton Seal
	2302W		Brass/SS For Water, Buna-N Seal
	2702	1/4"	Brass/Steel
	BL2702		Ball Lock
	2702H		Brass/Steel For Heat, Viton Seal
	2702HW		Brass/SS For Hot Water, Viton Seal


Male Thread	Part No	PT	Description
	2202	1/8"	Brass/Steel
	BL2202		Ball Lock
	2202S/S		303 Stainless
	BL2202S/S		Ball Lock, 303 Stainless
	2202H		For Heat, Viton Seal
	2202S		For Steam, Brass/SS, EPDM Seal
	2202W		For Water, Brass/SS, Buna-N Seal
	2402		1/4"
	BL2402	Ball Lock	
	2402H	For Heat, Viton Seal	

Series Locs Foster


Hose tem		Part o	ID	Description
		2022	1/8"	Brass/Steel
		BL2022		Ball Lock
		2022W	3/16"	For Water, Brass/SS, Buna-N Seal
		2032		Brass/Steel
		BL2032	Ball Lock	
		2032HW	3/16"	For Hot Water, Brass/SS, Viton Seal
		2032S		For Steam, Brass/SS, EPDM Seal
		2042	1/4"	Brass/Steel
		BL2042		Ball Lock
2042HW	For Hot Water, Brass/SS, Viton Seal			


Requires Hose Clamp (See page 126 for typical hose clamps)


Plastic and etal Tu ing		Part o	i e	Description
		SJ8-2	.170" x 1/4"	Plastic
		BLSJ8-2		Ball Lock, 1/4" Plastic
		SJ8-2M	1/4"	Soft Metal
		BLSJ8-2M		Ball Lock, Soft Metal
SJ8-2S/S	303 Stainless			

Plastic & etal Tu ing Panel ount		Part o	i e	Description
		SJ8P-2	.170" x 1/4"	Plastic
		BLSJ8P-2		Ball Lock, Plastic
		SJ8P-2HW		Plastic for Hot Water
		SJ8P-2W	1/4"	Plastic, for Water
		SJ8P-2M		Soft Metal
BLSJ8P-2M	Ball Lock, Soft Metal			


Series Plugs Foster

Female Thread		Part o	FPT	Description
		23-2	1/8"	Steel
27-2	1/4"			

Male Thread		Part o	PT	Description
		22-2	1/8"	Steel
		22-2B	1/8"	Brass
		22-2S/S	1/8"	303 Stainless
24-2	1/4"	Steel		

Hose tem		Part o	ID	Description
		02-2	1/8"	Steel
		03-2	3/16"	
04-2	1/4"			

Requires Hose Clamp (See page 126 for typical hose clamps)

Plastic and etal Tu ing		Part o	i e	Description
		PJ8-2	0.170" x 1/4"	Plastic
		PJ8-2V	0.170" x 1/4"	Plastic - Valve Core Brass
		PJ8-2VLV	0.170" x 1/4"	Plastic - Less Valve
		PJ8-2M	1/4"	Soft Metal
		PJ8-2S/S	1/4"	Stainless Steel
PJ8-2VM	1/4"	Soft Metal - Valve Core Brass		

FOSTER Engineering Catalog

Foster 3 thru 6 Series couplers are designed for rigid mounting that allows a simple push-to-connect operation, constructed of a solid brass body and a steel valve. The "FM" Series are mechanically interchangeable with similar industrial interchange couplings made by other manufacturers and accept plugs that conform to MIL-C4109-F. Plugs used with the "FM" Series are the Industrial Interchange plugs that are found on pages 21, 26, 32, and 34 of this catalog. FM Series 3 and 5 couplers comply with A-A-59439.

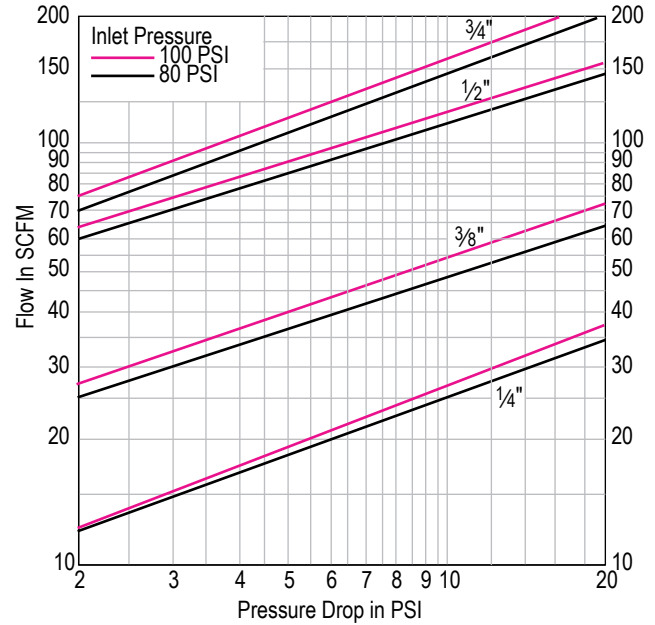
FM Series:

Sleeve-Lock feature locks automatic socket against accidental disconnect. To connect, align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve. Sizes available with sleeve lock are shown in the tables on following pages.



FM Series:

FM Series



Specifications	Body Size			
	3 pins	4 pins	6 pins	6 pins
Rated Pressure (psig)	300 PSIG; vacuum to 27" Hg			
Temperature Range (std seals)	-40° to +250° F			
Locking Device	3 pins	4 pins	6 pins	6 pins
Vacuum Data	Not Recommended			
-- Disconnected (coupler only)	27" Hg			
-- Connected	27" Hg			
Approximate CFM at 100 (psig)	37	70	150	190

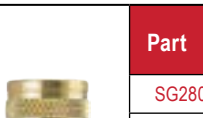
Seal Material:


Buna-N seal is standard. Alternate seals are specified by adding the appropriate suffix to the catalog number. For example, 3003 socket with Heat Adder is 3003H

Service	Construction	Seal	Temperature	Suffix
Air, Vacuum, Grease, & Oil	Brass & Steel	Buna-N	-40° to +250°F	none
Water	Brass & S/S	Buna-N	+32° to +100°F	W
Hot Water	Brass & S/S	Viton	-15° to +400°F	HW
Steam	Brass Body, Brass Sleeve, & Stainless Steel Valve	Ethylene Propylene	-40° to +300°F	S
Heat	Brass & Steel	Viton	-15° to +400°F	H
Less Valve	Brass & Steel	Buna-N	-40° to +250°F	LV
Dill Valve Series 3 Only	Brass & Steel	Buna-N	-40° to +250°F	D

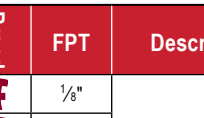



C Series Wa ana ee eard ocets

Female Thread		Part o	Brand	FPT	Description
		SG2803	F	1/8"	Brass
		SG3003	F	1/4"	
		B-2CF2-B	B	1/4"	Brass, less Valve
		SG3003LV	F		Stainless Steel
		B-2CF2-SS	B	3/8"	Brass
		SG3203	F		
B-2CF3-B	B				

Hose tem		Part o	Brand	I D	Description
		SG3603	F	1/4"	Brass
		B-2CS2-B	B		
		B-2CS25-B	B	5/16"	Brass
		SG3703	F	3/8"	
		B-2CS3-B	B		


Requires Hose Clamp (See page 126 for typical hose clamps)

ale Thread		Part o	Brand	PT	Description
		SG2903	F	1/8"	Brass
		SG3103	F	1/4"	
		B-2CM2-B	B	1/4"	Brass w/Dill Valve
		SG3103D	F		Stainless Steel
		B-2CM2-SS	B	3/8"	Brass
		SG3303	F		
B-2CM3-B	B				

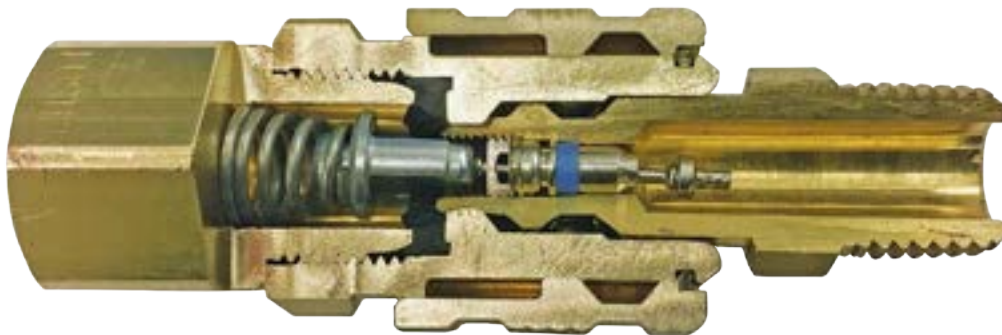
Push- n Hose tem		Part o	Brand	I D	Description
		SG1513	F	1/4"	Brass
		B-2CPS2-B	B		
		SG1713	F	3/8"	Brass
		B-2CPS3-B	B		

Hose clamps not required when used with "Push On" hose. See page 115.

Sockets with modified valves are recommended for use with valve core plugs. Suffix-D to socket Cat. No.

Reuse le Hose Fittings		Part o	Brand	I D	Description
		B-2CE2-B	B	1/2"	Brass w/Brass Sleeve
		B-2CG2-B		9/16"	
B-2CH2-B	5/8"				

Sockets with modified valves require a plug with a dill valve.



Sockets with modified valves (Dill Valve)

Series Wa anua ocets


Part o	Brand	FPT	Description
2803	F	1/8"	Brass/Steel
D320	B		
BL2803	F		Ball Lock
D320BL	B		
2803H	F		Steel, For Heat, Viton Seal
2803S			Brass/SS, For Steam, EPDM Seal
2803S/S			303 Stainless
BL2803S/S			Ball Lock, 303 Stainless
2803W			Brass/SS, For Water, Buna-N Seal
3003	F		1/4"
D340	B		
BL3003	F	Ball Lock	
D340BL	B		
3003D	F	w/Dill Valve	
3003H		Steel, For Heat, Viton Seal	
3003HW		Brass/SS, For Hot Water, Viton Seal	
3003LV		Steel, Less Valve	
3003S		Brass/SS, For Steam, EPDM Seal	
3003S/S		303 Stainless	
BL3003S/S		Ball Lock, 303 Stainless	
3003S/SH		303 Stainless, For Heat, Viton Seal	
3003W		Brass/SS, For Water, Buna-N Seal	
BL3003W		Brass/SS, Ball Lock, For Water, Buna-N Seal	
3203	F	3/8"	Brass/Steel
D360	B		
BL3203	F		Ball Lock
D360BL	B		
3203H	F		Steel, For Heat, Viton Seal
3203LV			Steel, Less Valve
3203S/S			303 Stainless
BL3203S/S			Ball Lock, 303 Stainless
3203S/SLV			Less Valve, 303 Stainless
3203W	Brass/SS, For Water, Buna-N Seal		




Part o	Brand	PT	Description	
				Male Thread
2903	F	1/8"	Brass/Steel	
D321	B			
BL2903	F		Ball Lock	
D321BL	B			
2903H	F		Steel, For Heat, Viton Seal	
2903S			Brass/SS, For Steam, EPDM Seal	
2903S/S			303 Stainless	
BL2903S/S			Ball Lock, 303 Stainless	
3103			F	1/4"
D341	B			
BL3103	F	Brass/Steel, Ball Lock		
D341BL	B			
3103D	F	Brass/Steel, w/Dill Valve		
3103H		Brass/Steel, For Heat, Viton Seal		
3103LV		Brass/Steel, Less Valve		
3103S		Brass/SS, For Steam, EPDM Seal		
3103S/S		303 Stainless		
BL3103S/S		Ball Lock, 303 Stainless		
BL3103S/S-104		Ball Lock, 303 Stainless, w/Silicone Seal		
3103S/SH		303 Stainless, For Heat, Viton Seal		
3103S/SLV		303 Stainless, Less Valve		
3103W		Brass/SS, For Water, Buna-N Seal		
BL3103W	Ball Lock, For Water, Brass/SS, Buna-N Seal			
3303	F	3/8"	Brass/Steel	
D361	B			
BL3303	F		Ball Lock	
D361BL	B			
3303H	F		Steel, For Heat, Viton Seal	
3303S/S			303 Stainless	
BL3303S/S			Ball Lock, 303 Stainless	
3303W			Brass/SS, For Water, Buna-N Seal	




Series Wa ana oc ets Continued

Hose tem		Part o	Brand	ID	Description
		3603	F		1/4"
D342	B		Ball Lock		
BL3603	F		Ball Lock		
D342BL	B		Ball Lock		
3603S	F		Brass/SS, For Steam, EPDM Seal		
3603S/S			303 Stainless		
BL3603S/S			Ball Lock, 303 Stainless		
3603W	F		Brass/SS, For Water, Buna-N Seal		
3653	F		5/16"	Brass/Steel	
D352	B			Ball Lock	
BL3653	F			Ball Lock	
D352BL	B			Ball Lock	
3703	F		3/8"	Brass/Steel	
D362	B			Ball Lock	
BL3703	F			Ball Lock	
D362BL	B			Ball Lock	
3703S	F			Brass/SS, For Steam, EPDM Seal	
3703S/S				303 Stainless	
BL3703S/S				Ball Lock, 303 Stainless	
3703W	F			Brass/SS, For Water, Buna-N Seal	

Requires Hose Clamp (See page 126 for typical hose clamps)

Reusa le Hose Clamp		Part o	ID x D	Description
		SB3-3	1/4" x 1/2"	Brass/Steel
BLSB3-3W	Ball Lock, For Water, Brass/SS, Buna-N Seal			
SB3-3S/S	303 Stainless			
SB3-3W	1/4" x 9/16"	For Water, Brass/SS, Buna-N Seal		
SB5-3		Brass/Steel		
BLSB5-3		Ball Lock		
BLSB5-3W	1/4" x 5/8"	Ball Lock, For Water, Brass/SS, Buna-N Seal		
SB7-3		Brass/Steel		
BLSB7-3		Ball Lock		
SB7-3S/S	5/16" x 9/16"	303 Stainless		
BLSB7-3S/S		Ball Lock, 303 Stainless		
SB7-3W		For Water, Brass/SS, Buna-N Seal		
BLSB7-3W	5/16" x 5/8"	Ball Lock, For Water, Brass/SS, Buna-N Seal		
SC5-3		Brass/Steel		
BLSC5-3		Ball Lock		
SC7-3	3/8" x 5/8"	Brass/Steel		
BLSC7-3		Ball Lock		
SD7-3		Brass/Steel		
BLSD7-3	3/8" x 11/16"	Ball Lock		
SD9-3		Brass/Steel		
BLSD9-3		Ball Lock		
SD11-3	3/8" x 3/4"	Brass/Steel		
BLSD11-3		Ball Lock		
SD13-3		Brass/Steel		
BLSD13-3	3/8" x 13/16"	Ball Lock		


Push- n Hose tem		Part o	Brand	ID	Description
		1513	F		1/4"
D344	B		Ball Lock		
BL1513	F		For Water, Brass/SS, Buna-N Seal		
D344BL	B		For Water, Brass/SS, Buna-N Seal		
1513W	F		3/8"	Brass/Steel	
1713	F			Ball Lock	
D364	B			Ball Lock	
BL1713	F			Ball Lock	
D364BL	B			Ball Lock	
1713W	F			For Water, Brass/SS, Buna-N Seal	


Hose clamps not required when used with "Push On" hose. See page 115.


Dust Caps ets Foster

Dust Caps ets		Part o	ie	Description
		3SDC	1/4"	For Manual 1/4" only

Series Wa Automatic


Female Thread	Part o	Brand	FPT	Description
	FM2803	F	1/8"	Brass
	B-2BF1-B	B		For Steam, Brass/SS, EPDM Seal
	FM2803S	F		Sleeve Lock
	SL2803	F		For Water, Brass/SS, Buna-N Seal
	B-2BF1-B-SL	B		Brass
	FM2803W	F		Sleeve Lock
	FM3003	F	1/4"	Brass
	B-2BF2-B	B		For Hot Water, Brass/SS, Viton Seal
	SL3003	F		Sleeve Lock, For Water, Brass/SS, Buna-N Seal
	B-2BF2-B-SL	B		For Steam, Brass/SS, EPDM Seal
	FM3003HW	F		For Water, Brass/SS, Buna-N Seal
	FM3003S	F		Sleeve Lock, For Water, Brass/SS, Buna-N Seal
	FM3003W	F	3/8"	Brass
	SL3003W	F		Sleeve Lock
	FM3203	F		For Heat, Viton Seal
	B-2BF3-B	B		For Water, Brass/SS, Buna-N Seal
	SL3203	F		
	B-2BF3-B-SL	B		
FM3203H	F			
FM3203W	F			

Male Thread	Part o	Brand	PT	Description
	FM2903	F	1/8"	Brass
	B-2BM1-B	B		Sleeve Lock, Brass
	SL2903	F		Brass
	B-2BM1-B-SL	B	1/4"	Sleeve Lock, Brass
	FM3103	F		w/Dill Valve
	B-2BM2-B	B		Sleeve Lock, w/Dill Valve, Brass
	SL3103	F		For Heat, Viton Seal
	B-2BM2-B-SL	B		For Hot Water, Brass/SS, Viton Seal
	FM3103D	F		Sleeve Lock, For Hot Water, Brass/SS, Viton Seal
	SL3103D	F	3/8"	Brass
	FM3103H	F		Sleeve Lock, Brass
	FM3103HW	F		For Steam, Brass/SS, EPDM Seal
	SL3103HW	F		For Water, Brass/SS, Buna-N Seal
	FM3103S	F		Sleeve Lock, For Water, Brass/SS, Buna-N Seal
	FM3103W	F		
	SL3103W	F		
	FM3303	F	3/8"	Brass
	B-2BM3-B	B		Sleeve Lock, Brass
	SL3303	F		For Water, Brass/SS, Buna-N Seal
	B-2BM3-B-SL	B		
	FM3303W	F		

Hose tem	Part o	Brand	I D	Description
	FM3603	F	1/4"	Brass
	B-2BS2-B	B		Sleeve Lock, Brass
	SL3603	F		For Steam, Brass/SS, EPDM Seal
	B-2BS2-B-SL	B	5/16"	Brass
	FM3603S	F		Sleeve Lock, Brass
	SL3653	F		For Steam, Brass/SS, EPDM Seal
	B-2BS5-B	B	3/8"	Brass
	SL3653	F		Sleeve Lock, Brass
	B-2BS5-B-SL	B		For Steam, Brass/SS, EPDM Seal
	FM3703	F	3/8"	Brass
	B-2BS3-B	B		Sleeve Lock, Brass
	SL3703	F		For Steam, Brass/SS, EPDM Seal
	B-2BS3-B-SL	B		
	FM3703S	F		


Requires Hose Clamps (See page 126 for typical hose clamps)


Sockets with modified valves (Dill Valve) are recommended for use with valve core plugs.

Push-on Hose tem	Part o	Brand	I D	Description
	FM1513	F	1/4"	Brass
	B-2BPS2-B	B		Sleeve Lock, Brass
	SL1513	F		Brass
	B-2BPS2-B-SL	B	3/8"	Sleeve Lock, Brass
	FM1713	F		For Water, Brass/SS, Buna-N Seal
	B-2BPS3-B	B		
	SL1713	F		
	B-2BPS3-B-SL	B		
	FM1713W	F		


Hose clamps not required when used with "Push On" hose. See page 115.


Series Wa Automatic Connections

Reusable Hose Clamp		Part no	Brand	ID x D	Description
		FMSB3-3	F	1/4" x 1/2"	Brass
		B-2BE2-B	B		
		FMSB5-3	F	1/4" x 9/16"	
		B-2BG2-B	B		
		FMSB7-3	F	1/4" x 5/8"	
		B-2BH2-B	B		
		FMSC5-3	F	5/16" x 9/16"	
		FMSC7-3	F	5/16" x 5/8"	
		FMSD7-3	F	3/8" x 5/8"	
		FMSD9-3	F	3/8" x 11/16"	
		FMSD11-3	F	3/8" x 3/4"	
		FMSD13-3	F	3/8" x 13/16"	


Reusable Hose Clamp with Sleeve Lock		Part no	Brand	ID x D	Description
		SLSB3-3	F	1/4" x 1/2"	Sleeve Lock, Brass
		SLSB5-3	F	1/4" x 9/16"	
		SLSB7-3	F	1/4" x 5/8"	Sleeve Lock, For Water, Brass/SS, Buna-N Seal
		B-2BH2-B-SL	B		
		SLSB7-3W	F		
		SLSC5-3	F	5/16" x 9/16"	Sleeve Lock, Brass
		SLSC7-3	F	5/16" x 5/8"	
		SLSD7-3	F	3/8" x 5/8"	
		SLSD9-3	F	3/8" x 11/16"	
		SLSD11-3	F	3/8" x 3/4"	
		SLSD13-3	F	3/8" x 13/16"	


Series Wa Automatic Slim Profile Connections Foster

Female Thread		Part no	FPT	Description
		2803GB	1/8"	Brass
		2803GS		Steel
		3003GB	1/4"	Brass
		3003GS		Steel
		3203GB	3/8"	Brass
		3203GS		Steel


Hose Temp		Part no	ID	Description
		3603GB	1/4"	Brass
		3603GS		Steel
		3653GB	5/16"	Brass
		3653GS		Steel
		3703GB	3/8"	Brass
		3703GS		Steel

Requires Hose Clamp (See page 126 for typical hose clamps)

Male Thread		Part no	PT	Description
		2903GB	1/8"	Brass
		2903GS		Steel
		3103GB	1/4"	Brass
		3103GS		Steel
		3303GB	3/8"	Brass
3303GS	Steel			

Push-on Hose Temp		Part no	ID	Description
		1513GB	1/4"	Brass
		1713GB	3/8"	Brass


Hose clamps not required when used with "Push On" hose. See page 115.


Reusable Hose Clamp		Part no	ID x D	Description
		SB3-3GB	1/4" x 1/2"	Brass
		SB3-3GS		Steel
		SB5-3GB	1/4" x 9/16"	Brass
		SB5-3GS		Steel
		SB7-3GB	1/4" x 5/8"	Brass
		SB7-3GS		Steel
		SD7-3GB	3/8" x 5/8"	Brass
		SD7-3GS		Steel
		SD11-3GB	3/8" x 3/4"	Brass
SD11-3GS	Steel			

Brand - Designates **F**=Foster or **B**=Breco Part


See page 156 for full size templates


Series Plugs

Female Thread		Part o	Brand	FPT	Description
		13-3	F	1/8"	Steel
		B-B2F1-S	B		Brass
		13-3B 13-3S/S	F		303 Stainless
		11-3	F	1/4"	Steel
		B-B2F2-S	B		Brass
		11-3B	F		303 Stainless
		B-B2F2-B	B		
		11-3S/S	F		
		B-B2F2-SS	B		
		15-3	F	3/8"	Steel
		B-B2F3-S	B		


Hose tem		Part o	Brand	I D	Description
		16-3	F	1/4"	Steel
		B-B2S2-S	B		Brass
		16-3B	F		303 Stainless
		16-3S/S	F	5/16"	Steel
		165-3	F		3/8"
		B-B2S25-S	B	Brass	
		17-3	F	303 Stainless	
		B-B2S3-S	B		
		17-3B	F		
17-3S/S	F				

Requires Hose Clamp (See page 126 for typical hose clamps)


Male Thread		Part o	Brand	PT	Description
		12-3	F	1/8"	Steel
		B-B2M1-S	B		Brass
		12-3B 12-3S/S	F		303 Stainless
		10-3	F	1/4"	Steel
		B-B2M2-S	B		Brass
		10-3B	F		303 Stainless
		B-B2M2-B	B		
		10-3S/S	F		
		B-B2M2-SS	B		w/Dill Valve Steel
		10-3D	F	Ball Check, Steel	
		10-3G	F	Ball Check, Brass	
		10-3GB	F	Ball Check, Spring Loaded Steel	
		10-3GS	F	Ball Check, 303 Stainless	
		10-3GS/S	F	Brass, Valve Core Plug	
		10-3DB	F		
		14-3	F	3/8"	Steel
		B-B2M3-S	B		Brass
		14-3B	F		Ball Check, Brass
		14-3GB	F		


Push- n Hose tem		Part o	Brand	I D	Description
		51-3	F	1/4"	Steel
		B-B2PS2-S	B		
		71-3	F	3/8"	Steel
B-B2PS3-S	B				

Hose clamps not required when used with "Push On" hose. See page 115.

Male Thread Free wheel - nder Pressure		Part o	PT	Description
		12S-3	1/8"	Brass / Steel
		10S-3	1/4"	
		14S-3	3/8"	

Swivel Plugs – Eliminates hose twist on end drop applications such as blow guns, air tools, etc.

Reusable Hose Clamp		Part o	Brand	I D x D	Description
		PB3-3	F	1/4" x 1/2"	Steel
		B-B2E2-S	B		Brass
		PB3-3B	F		303 Stainless
		PB3-3S/S	F	1/4" x 9/16"	Steel
		PB5-3	F		Brass
		PB5-3B	F	1/4" x 5/8"	Steel
		PB7-3	F		Brass
		PB7-3B	F		303 Stainless
		PB7-3S/S	F	5/16" x 9/16"	Steel
		PC5-3	F		Steel
		PC7-3	F	3/8" x 5/8"	Steel
		PD7-3	F		3/8" x 11/16"
		B-B2H3-S	B	3/8" x 3/4"	
		PD9-3	F		3/8" x 13/16"
		B-B2K3-S	B		
PD11-3	F				
PD13-3	F				

Dust Cap		Part o	i e	Description
		3PDC	1/4"	Plastic

Ball check plugs eliminate hose whip at disconnect by checking the rapid flow of downstream exhaust air
Swivel Plugs – Eliminates hose twist on end drop applications like blow guns, air tools, etc.
See page 156 for full size templates

Brand - Designates **F**=Foster or **B**=Breco Part

Foster Engineering Catalog



C Series Wa ana Sleeve uard ocets reco

Female Thread		Part o	FPT	Description
		B-3CF3-B	3/8"	Brass w/Brass Sleeve
		B-3CF3-S		Steel
B-3CF4-S	1/2"	Steel		

Male Thread		Part o	FPT	Description
		B-3CM2-S	1/4"	Steel
		B-3CM3-B	3/8"	Brass w/Brass Sleeve
		B-3CM3-S		Steel
B-3CM4-S	1/2"	Steel		

Hose tem		Part o	FPT	Description
		B-3CS3-S	3/8"	Steel
Requires Hose Clamp (See page 126 for typical hose clamps)				

Push- n Hose tem		Part o	ID	Description
		B-3CPS3-S	3/8"	Steel
Hose clamps not required when used with "Push On" hose. See page 115.				

Reuse le Hose Fittings		Part o	ID	Description
		B-2CH3-B	5/8"	Brass w/Brass Sleeve
B-2CK3-B	11/16"			

Series Wa ana ocets


Push- n Hose tem		Part o	Brand	ID	Description
		1714	F	3/8"	Brass/Steel
		D464	B		
		BL1714	F		
		D464BL	B		
		1714W	F	1/2"	For Water, Brass/SS, Buna-N Seal
		1814	F		
		D484	B		
		BL1814	F		
		D484BL	B	Ball Lock	
		1814W	F		For Water, Brass/SS, Buna-N Seal

Hose clamps not required when used with "Push On" hose. See page 115.

Reuse le Hose Clamp		Part o	ID x D	Description
		SB3-4	1/4" x 1/2"	Brass/Steel
		BLSB3-4		Ball Lock, Brass/Steel
		SB5-4	1/4" x 9/16"	Brass/Steel
		BLSB5-4		Ball Lock, Brass/Steel
		SB7-4	1/4" x 5/8"	Brass/Steel
		BLSB7-4		Ball Lock, Brass/Steel
		SD7-4	3/8" x 5/8"	Brass/Steel
		B LSD7-4		Ball Lock, Brass/Steel
		SD9-4	3/8" x 11/16"	Brass/Steel
		B LSD9-4		Ball Lock, Brass/Steel
		SD11-4	3/8" x 3/4"	Brass/Steel
		B LSD11-4		Ball Lock, Brass/Steel
		SD13-4	3/8" x 13/16"	Brass/Steel
B LSD13-4	Ball Lock, Brass/Steel			


Series Wa ana ocets Continued

Female Thread




Part o	Brand	FPT	Description
4004	F	1/4"	Brass/Steel
D440	B		
BL4004	F		Ball Lock, Brass/Steel
D440BL	B		
4204	F	3/8"	Brass/Steel
D460	B		
BL4204	F		Ball Lock, Brass/Steel
D460BL	B		
4204H	F	3/8"	For Heat, Viton Seal, Brass/Steel
4204S			For Steam, Brass/SS, EPDM Seal
4204S/S			303 Stainless
BL4204S/S			Ball Lock, 303 Stainless
4204W	F	For Water, Brass/SS, Buna-N Seal	
4404	F	1/2"	Brass/Steel
D480	B		
BL4404	F		Ball Lock, Brass/Steel
D480BL	B		

Male Thread



Part o	Brand	PT	Description
4104	F	1/4"	Brass/Steel
D441	B		
BL4104	F		Ball Lock, Brass/Steel
D441BL	B		
4104H	F	3/8"	For Heat, Viton Seal, Brass/Steel
4104S			For Steam, Brass/SS, EPDM Seal
4104W			For Water, Brass/SS, Buna-N Seal
4304			F
D461	B	3/8"	
BL4304	F		Ball Lock, Brass/Steel
D461BL	B		
4304S	F		3/8"
4304S/S		303 Stainless	
BL4304S/S		Ball Lock, 303 Stainless	
4304W		For Water, Brass/SS, Buna-N Seal	
4504	F	1/2"	Brass/Steel
D481	B		
BL4504	F		Ball Lock, Brass/Steel
D481BL	B		
4504H	F	1/2"	For Heat, Viton Seal, Brass/Steel
4504S			For Steam, Brass/SS, EPDM Seal
4504W			For Water, Brass/SS, Buna-N Seal

Hose tem





Part o	Brand	ID	Description
4604	F	1/4"	Brass/Steel
D442	B		
BL4604	F		Ball Lock, Brass/Steel
D442BL	B		
4604W	F	5/16"	For Water, Brass/SS, Buna-N Seal
4704	F		Brass/Steel
D452	B		Ball Lock, Brass/Steel
BL4704	F		
D452BL	B	3/8"	
4804	F		Brass/Steel
D462	B		Ball Lock, Brass/Steel
BL4804	F		
D462BL	B	3/8"	
4804S/S	F		303 Stainless
4804S			For Steam, Brass/SS, EPDM Seal
4804W			For Water, Brass/SS, Buna-N Seal
4904		F	1/2"
D482	B	Ball Lock, Brass/Steel	
BL4904	F		
D482BL	B		
4904S	F	For Steam, Brass/SS, EPDM Seal	


Requires Hose Clamp (See page 126 for typical hose clamps)

Products for steam are brass body, brass sleeve and stainless steel valve.

Series Wa Automatic nolets


Female Thread		Part o	Brand	FPT	Description
		FM4004	F	1/4"	Brass
		B-3BF2-B	B		
		SL4004	F		Sleeve Lock Brass
		B-3BF2-B-SL	B		
		FM4204	F	3/8"	Brass
		B-3BF3-B	B		
		SL4204	F		Sleeve Lock, Brass
		B-3BF3-B-SL	B		
		FM4204H	F	For Heat, Viton Seal	
		FM4204W	F		For Water, Brass/SS, Buna-N Seal
		FM4404	F		Brass
		B-3BF4-B	B	1/2"	
		SL4404	F		Sleeve Lock, Brass
		B-3BF4-B-SL	B		
FM4404S	F	For Steam, Brass/SS, EPDM Seal			
FM4404W	F	For Water, Brass/SS, Buna-N Seal			

Male Thread		Part o	Brand	PT	Description
		FM4104	F	1/4"	Brass
		B-3BM2-B	B		
		SL4104	F		Sleeve Lock, Brass
		B-3BM2-B-SL	B		
		FM4104S	F	For Steam, Brass/SS, EPDM Seal	
		FM4104W	F		For Water, Brass/SS, Buna-N Seal
		FM4304	F		Brass
		B-3BM3-B	B	3/8"	
		SL4304	F		Sleeve Lock, Brass
		B-3BM3-B-SL	B		
		FM4304S	F	For Steam, Brass/SS, EPDM Seal	
		FM4304W	F	For Water, Brass/SS, Buna-N Seal	
		FM4504	F	1/2"	Brass
		B-3BM4-B	B		
SL4504	F	Sleeve Lock, Brass			
B-3BM4-B-SL	B				
FM4504S	F	For Steam, Brass/SS, EPDM Seal			
FM4504W	F	For Water, Brass/SS, Buna-N Seal			

Hose term		Part o	Brand	I D	Description
		FM4604	F	1/4"	Brass
		B-3BS2-B	B		
		SL4604	F		Sleeve Lock, Brass
		B-3BS2-B-SL	B		
		FM4704	F	5/16"	Brass
		B-3BS5-B	B		
		SL4704	F		Sleeve Lock, Brass
		B-3BS5-B-SL	B		
		FM4804	F	3/8"	Brass
		B-3BS3-B	B		
		SL4804	F		Sleeve Lock, Brass
		B-3BS3-B-SL	B		
		FM4804H	F	For Heat, Viton Seal	
		FM4804W	F	For Water, Brass/SS, Buna-N Seal	
FM4904	F	1/2"	Brass		
B-3BS4-B	B				
SL4904	F		Sleeve Lock, Brass		
B-3BS4-B-SL	B				
FM4904W	F	For Water, Brass/SS, Buna-N Seal			


Requires Hose Clamp (See page 126 for typical hose clamps)

Series Wa Automatic sockets


Push-on Hose Clamp		Part no	Brand	ID	Description
		FM1714	F	3/8"	Brass
		B-3BPS3-B	B		
		SL1714	F	3/8"	Sleeve Lock, Brass
		B-3BPS3-B-SL	B		
		FM1814	F	1/2"	Brass
		B-3BPS4-B	B		
		SL1814	F		Sleeve Lock, Brass
		B-3BPS4-B-SL	B		
		FM1814W	F		For Water, Brass/SS, Buna-N Seal


Hose clamps not required when used with "Push On" hose. See page 115.

Ball Lock (BL) – Locks manual socket against accidental disconnect.
Sleeve Lock (SL) – Locks automatic socket against accidental disconnect.


Reusable Hose Clamp		Part no	Brand	ID x D	Description
		FMSB3-4	F	1/4" x 1/2"	Brass
		SLSB3-4			Sleeve Lock, Brass
		FMSB5-4		1/4" x 9/16"	Brass
		SLSB5-4			Sleeve Lock, Brass
		FMSB7-4	1/4" x 5/8"	Brass	
		SLSB7-4		Sleeve Lock, Brass	
		FMSD7-4	F	3/8" x 5/8"	Brass
		B-3BH3-B	B		
		SLSD7-4	F		Sleeve Lock, Brass
		B-3BH3-B-SL	B		
		FMSD9-4	F	3/8" x 11/16"	Brass
		B-3BK3-B	B		
		SLSD9-4	F		Sleeve Lock, Brass
		B-3BK3-B-SL	B		
		FMSD11-4	F	3/8" x 3/4"	Brass
		SLSD11-4			Sleeve Lock, Brass
		FMSD13-4		3/8" x 13/16"	Brass
		SLSD13-4			Sleeve Lock, Brass


Series Plugs

Female Thread		Part o	Brand	FPT	Description	
		41-4	F	1/4"	Steel	
		B-B3F2-S	B			
		43-4	F	3/8"	Steel	
		B-B3F3-S	B			
		B-B3F3-B	B			Brass
		43-4S/S	F			303 Stainless
		45-4	F	1/2"	Steel	
		B-B3F4-S	B			


Hose tem		Part o	Brand	ID	Description	
		46-4	F	1/4"	Steel	
		B-B3S2-S	B			
		47-4	F	5/16"	Steel	
		48-4	F			
		B-B3S3-S	B			Steel
		48-4B	F			Brass
		48-4S/S	F	3/8"	303 Stainless	
		49-4	F			
		B-B3S4-S	B	1/2"	Steel	

Requires Hose Clamps (See page 126 for typical hose clamps)


ale Thread		Part o	Brand	PT	Description	
		38-4	F	1/8"	Steel	
		40-4	F			
		B-B3M2-S	B	1/4"	Steel	
		40-4B	F			Brass
		40-4S/S	F			303 Stainless
		42-4	F	3/8"	Steel	
		B-B3M3-S	B			
		42-4B	F			Brass
		B-B3M3-B	B			
		42-4S/S	F	1/2"	303 Stainless	
		44-4	F			
		B-B3M4-S	B	Steel		

Push- n Hose tem		Part o	Brand	ID	Description
		51-4	F	1/4"	Steel
		B-B3PS2-S	B		
		71-4	F	3/8"	Steel
		B-B3PS3-S	B		
		71-4B	F		
		81-4	F	1/2"	Steel


Hose clamps not required when used with "Push On" hose. See page 115.


ale Thread Free wi el- nder Pressure		Part o	PT	Description
		40S-4	1/4"	Brass /Steel
		42S-4	3/8"	
		44S-4	1/2"	


Swivel Plugs – Eliminates hose twist on end drop applications such as blow guns, air tools, etc.


Reusa le Hose Clamp		Part o	ID x D	Description
		PB3-4	1/4" x 1/2"	Steel
		PB5-4	1/4" x 3/16"	Steel
		PB7-4	1/4" x 5/8"	Steel
		PD7-4	3/8" x 5/8"	Steel
		PD9-4	3/8" x 11/16"	Steel
		PD11-4	3/8" x 3/4"	Steel
PD13-4	3/8" x 13/16"	Steel		

5 C Series Wa anua Beve uard ocets reco

Female Thread		Part o	FPT	Description
		B-4CF3-S	3/8"	Steel
		B-4CF4-B	1/2"	Brass w/Brass Sleeve
		B-4CF4-S		Steel
B-4CF6-S	3/4"	Steel		


Male Thread		Part o	FPT	Description
		B-4CM3-S	3/8"	Steel
		B-4CM4-B	1/2"	Brass w/Brass Sleeve
		B-4CM4-S		Steel
B-4CM6-S	3/4"	Steel		


Hose tem		Part o	FPT	Description
		B-4CS3-S	3/8"	Steel
		B-4CS4-S	1/2"	Steel
		B-4CS6-S	3/4"	Steel
Requires Hose Clamp (See page 126 for typical hose clamps)				


Push- n Hose tem		Part o	ID	Description
		B-4CPS3-S	3/8"	Steel
		B-4CPS4-S	1/2"	Steel
Hose clamps not required when used with "Push On" hose. See page 115.				

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5 Series Wautoff Coets


Female Thread		Part o	Brand	FPT	Description
		4015	F		1/4"
D540	B				
BL4015	F		1/4"	Ball Lock, Brass/Steel	
D540BL	B				
5005	F		3/8"	Brass/Steel	
D560	B				
BL5005	F		3/8"	Ball Lock, Brass/Steel	
D560BL	B				
5005H	F		3/8"	For Heat, Viton Seal	
5005W	F			For Water, Brass/SS, Buna-N Seal	
5205	F			1/2"	Brass/Steel
D580	B				
BL5205	F		1/2"	Ball Lock, Brass/Steel	
D580BL	B				
5205H	F		1/2"	For Heat, Viton Seal	
5205LV	F			Less Valve	
5205S/S	F			303 Stainless	
5205W	F			For Water, Brass/SS, Buna-N Seal	
5405	F		3/4"	Brass/Steel	
D5120	B				
BL5405	F			Ball Lock, Brass/Steel	
D5120BL	B				
5405W	F		3/4"	For Water, Brass/SS, Buna-N Seal	

Male Thread		Part o	Brand	PT	Description
		4905	F		1/4"
D541	B				
BL4905	F		1/4"	Ball Lock, Brass/Steel	
D541BL	B				
5105	F		3/8"	Brass/Steel	
D561	B				
BL5105	F		3/8"	Ball Lock, Brass/Steel	
D561BL	B				
5305	F		1/2"	Brass/Steel	
D581	B				
BL5305	F			Ball Lock, Brass/Steel	
D581BL	B				
5305H	F		1/2"	For Heat, Viton Seal	
5305S/S	F			303 Stainless	
5305W	F			For Water, Brass/SS, Buna-N Seal	
5505	F		3/4"	Brass/Steel	
D5121	B				
BL5505	F			Ball Lock, Brass/Steel	
D5121BL	B				


Push-on Hose tem		Part o	Brand	ID	Description
		1815	F		1/2"
D584	B				
1815W	F		For Water, Brass/SS, Buna-N Seal		
BL1815	F		Ball Lock, Brass/Steel		
D584BL	B				

Hose clamps not required when used with "Push On" hose. See page 115.

5 Series Wa Output Fittings


Hose tem		Part o	Brand	ID	Description
		5605	F	1/4"	Brass/Steel
D542	B	Ball Lock, Brass/Steel			
BL5605	F	3/8"	Brass/Steel		
D542BL	B		Ball Lock, Brass/Steel		
5705	F	3/8"	Brass/Steel		
D562	B		Ball Lock, Brass/Steel		
BL5705	F	3/8"	Brass/Steel		
D562BL	B		Ball Lock, Brass/Steel		
5705H	F	1/2"	For Heat, Viton Seal		
5805	F		Brass/Steel		
D582	B	1/2"	Ball Lock, Brass/Steel		
BL5805	F		For Hot Water, Viton Seal		
D582BL	B	1/2"	For Hot Water, Brass/SS, Viton Seal		
5805H	F		For Water, Brass/SS, Buna-N Seal		
5805HW	F	3/4"	Brass/Steel		
5805W	F		Ball Lock, Brass/Steel		
5905	F	3/4"	Brass/Steel		
D5122	B		Ball Lock, Brass/Steel		
BL5905	F	3/4"	For Water, Brass/SS, Buna-N Seal		
D5122BL	B				
5905W	F				


Requires Hose Clamp (See page 126 for typical hose clamps)

Reusa le Hose Clamp		Part o	Brand	ID x D	Description
		SD7-5	F	3/8" x 5/8"	Brass/Steel
BLSD7-5	F	Ball Lock, Brass/Steel			
SD7-5W	F	3/8" x 11/16"	For Water, Brass/SS, Buna-N Seal		
SD9-5	F		Brass/Steel		
BLSD9-5	F	3/8" x 3/4"	Ball Lock, Brass/Steel		
SD9-5W	F		For Water, Brass/SS, Buna-N Seal		
SD11-5	F	3/8" x 13/16"	Brass/Steel		
BLSD11-5	F		Ball Lock, Brass/Steel		
SD13-5	F	1/2" x 13/16"	Brass/Steel		
BLSD13-5	F		Ball Lock, Brass/Steel		
SP13-5	F	1/2" x 7/8"	Brass/Steel		
BLSP13-5	F		Ball Lock, Brass/Steel		
SP13-5W	F	1/2" x 15/16"	For Water, Brass/SS, Buna-N Seal		
SP15-5	F		Brass/Steel		
BLSP15-5	F	1/2" x 1"	Ball Lock, Brass/Steel		
SP17-5	F		Brass/Steel		
BLSP17-5	F	1/2" x 1"	Ball Lock, Brass/Steel		
SP19-5	F		Brass/Steel		
BLSP19-5	F		Ball Lock, Brass/Steel		




5 Series Wa Automatic Sockets

Female Thread	Part No	Brand	FPT	Description
	FM4015	F	1/4"	Brass
	B-4BF2-B	B		Sleeve Lock, Brass
	SL4015	F	3/8"	Brass
	B-4BF2-B-SL	B		Sleeve Lock, Brass
	FM5005	F	3/8"	Brass
	B-4BF3-B	B		Sleeve Lock, Brass
	SL5005	F	1/2"	For Heat, Viton Seal, Brass
	B-4BF3-B-SL	B		For Steam, Brass/SS, EPDM Seal
	FM5005H	F	1/2"	For Water, Brass/SS, Buna-N Seal
	FM5005S			Brass
	FM5005W	F	1/2"	For Steam, Brass/SS, EPDM Seal
	FM5205			Brass
	B-4BF4-B	B	3/4"	Sleeve Lock, Brass
	SL5205	F		For Heat, Viton Seal, Brass
	B-4BF4-B-SL	B	3/4"	Less Valve, Brass
	FM5205H	F		3/4"
FM5205LV	For Water, Brass/SS, Buna-N Seal			
FM5205S	F	3/4"	Brass	
FM5205W			Sleeve Lock, Brass	
FM5405	F	3/4"	For Steam, Brass/SS, EPDM Seal	
B-4BF6-B	B		For Water, Brass/SS, Buna-N Seal	
SL5405	F	3/4"	Brass	
B-4BF6-B-SL	B		Sleeve Lock, Brass	
FM5405W	F	3/4"	For Water, Brass/SS, Buna-N Seal	


Male Thread	Part No	Brand	PT	Description
	FM4905	F	1/4"	Brass
	B-4BM2-B	B		Sleeve Lock, Brass
	SL4905	F	3/8"	Brass
	B-4BM2-B-SL	B		Sleeve Lock, Brass
	FM5105	F	3/8"	Brass
	B-4BM3-B	B		Sleeve Lock, Brass
	SL5105	F	1/2"	Brass
	B-4BM3-B-SL	B		Sleeve Lock, Brass
	FM5305	F	1/2"	For Steam, Brass/SS, EPDM Seal
	B-4BM4-B			Brass
	SL5305	F	1/2"	For Water, Brass/SS, Buna-N Seal
	B-4BM4-B-SL			Sleeve Lock, Brass
	FM5305S	F	3/4"	For Steam, Brass/SS, EPDM Seal
	FM5305W			For Water, Brass/SS, Buna-N Seal
	FM5505	F	3/4"	Brass
	B-4BM6-B			Sleeve Lock, Brass
SL5505	F	3/4"	For Steam, Brass/SS, EPDM Seal	
B-4BM6-B-SL			Sleeve Lock, Brass	
FM5505S	F	3/4"	For Water, Brass/SS, EPDM Seal	

Ball Lock (BL) – Locks manual socket against accidental disconnect.
 Sleeve Lock (SL) – Locks automatic socket against accidental disconnect.


5 Series Wa Automatic sockets

Hose tem	Part o	Brand	I D	Description
	FM5605	F	1/4"	Brass
	B-4BS2-B	B		
	SL5605	F	3/8"	Sleeve Lock, Brass
	B-4BS2-B-SL	B		
	FM5705	F	3/8"	Brass
	B-4BS3-B	B		
	SL5705	F	3/8"	Sleeve Lock, Brass
	B-4BS3-B-SL	B		
	FM5705H	F	1/2"	For Heat, Viton Seal, Brass
	FM5805	F		
	B-4BS4-B	B	1/2"	Brass
	SL5805	F		
	B-4BS4-B-SL	B	1/2"	Sleeve Lock, Brass
	FM5805H	F		
	SL5805H	F	3/4"	For Heat, Viton Seal, Brass
	FM5805W	F		
	FM5905	F	3/4"	For Heat, Sleeve Lock, Viton Seal
	B-4BS6-B	B		
SL5905	F	3/4"	For Water, Brass/SS, Buna-N Seal	
B-4BS6-B-SL	B			


Requires Hose Clamp (See page 126 for typical hose clamps)


Push- n Hose tem	Part o	Brand	I D	Description
	FM1815	F	1/2"	Brass
	B-4BPS4-B	B		
	B-4BPS4-B-SL	B		

Hose clamps not required when used with "Push On" hose. See page 115.


Reusa le Hose Clamp	Part o	I D x D	Description
	FMSD7-5	3/8" x 5/8"	Brass
	SLSD7-5		Sleeve Lock, Brass
	FMSD7-5H		For Heat, Viton Seal, Brass
	FMSD9-5	3/8" x 11/16"	Brass
	SLSD9-5		Sleeve Lock, Brass
	FMSD11-5	3/8" x 3/4"	Brass
	SLSD11-5		Sleeve Lock, Brass
	FMSD13-5	3/8" x 13/16"	Brass
	SLSD13-5		Sleeve Lock, Brass
	FMSP13-5	1/2" x 13/16"	Brass
	SLSP13-5		Sleeve Lock, Brass
	FMSP13-5H	1/2" x 13/16"	For Heat, Viton Seal, Brass
	FMSP15-5		1/2" x 7/8"
	SLSP15-5	Sleeve Lock, Brass	
	FMSP17-5	1/2" x 15/16"	Brass
	SLSP17-5		Sleeve Lock, Brass
	FMSP19-5	1/2" x 1"	Brass
	SLSP19-5		Sleeve Lock, Brass


5 Series Plugs

Female Thread		Part o	Brand	FPT	Description
		B-B4F2-S	F	1/4"	Steel
		53-5	F	3/8"	Steel
		B-B4F3-S	B		
		55-5	F	1/2"	Steel
		B-B4F4-S	B		Brass
		B-B4F4-B	F		303 Stainless
		57-5	F		3/4"
		B-B4F6-S	B		


Hose tem		Part o	Brand	ID	Description
		59-5	F	3/8"	Steel
		B-B4S3-S	B		
		59-5B	F	3/8"	Brass
		60-5	F	1/2"	Steel
		B-B4S4-S	B		
		60-5G	F	1/2"	Ball Check, Steel
		60-5B	F	1/2"	Brass
		61-5	F	3/4"	Steel
		B-B4S6-S	B		
		61-5B	F	3/4"	Brass

Requires Hose Clamps (See page 126 for typical hose clamps)


ale Thread		Part o	Brand	PT	Description		
		50-5	F	1/4"	Steel		
		B-B4M2-S	B				
		52-5	F	3/8"	Steel		
		B-B4M3-S	B		Brass		
		52-5B	F		Ball Check, Brass		
		54-5GB	F				
		54-5	F	1/2"	Steel		
		B-B4M4-S	B		Ball Check, Steel		
		54-5G	F		Brass		
		54-5B	F		303 Stainless		
		B-B4M4-B	B		3/4"	Steel	
		54-5S/S	F			303 Stainless	
		56-5	F			3/4"	Steel
		B-B4M6-S	B				
		56-5S/S	F	303 Stainless			

Push- n Hose tem		Part o	Brand	ID	Description
		71-5	F	3/8"	Steel
		B-B4PS3-S	B		
		81-5	F	1/2"	Steel
		B-B4PS4-S	B		
		81-5B	F		Brass

Hose clamps not required when used with "Push On" hose. See page 115.


ale Thread wiel nder Pressure		Part o	PT	Description
		52S-5	3/8"	Brass /Steel
		54S-5	1/2"	

Swivel Plugs – Eliminates hose twist on end drop applications such as blow guns, air tools, etc.


Reusa le Hose Clamp		Part o	ID x D	Description
		PB3-5	1/4" x 1/2"	Steel
		PB5-5	1/4" x 9/16"	
		PB7-5	1/4" x 5/8"	
		PD7-5	3/8" x 5/8"	Steel
		PD9-5	3/8" x 11/16"	
		PD11-5	3/8" x 3/4"	
		PD13-5	3/8" x 13/16"	
		PP13-5	1/2" x 13/16"	Steel
		PP15-5	1/2" x 7/8"	
		PP17-5	1/2" x 15/16"	
PP19-5	1/2" x 1"			


Ball check plugs eliminate hose whip at disconnect by checking the rapid flow of downstream exhaust air

6 Series Wa Automatic sockets

Female Thread		Part o	Brand	FPT	Description
		FM6206	F	1/2"	Brass
		B-6BF4-B	B		
		SL6206	F	Sleeve Lock, Brass	
		B-6BF4-B-SL	B		
		FM6206W	F	For Water, Brass/SS, Buna-N Seal	
		FM6406	F	3/4"	Brass
		B-6BF6-B	B		
		SL6406	F	Sleeve Lock, Brass	
		B-6BF6-B-SL	B		
		FM6406H	F	For Heat, Viton Seal	
		SL6406H		For Heat, Sleeve Lock, Viton Seal, Brass	
		FM6406S		For Steam, Brass/SS, EPDM Seal	
		FM6406W		For Water, Brass/SS, Buna-N Seal	
		FM6606	F	1"	Brass
B-6BF8-B	B				
SL6606	F	Sleeve Lock, Brass			
B-6BF8-B-SL	B				
FM6606W	F	For Water, Brass/SS, Buna-N Seal			


Sleeve Lock (SL) – Locks automatic socket against accidental disconnect.


Male Thread		Part o	Brand	PT	Description
		FM6306	F	1/2"	Brass
		B-6BM4-B	B		
		SL6306	F	Sleeve Lock, Brass	
		B-6BM4-B-SL	B		
		FM6306S	F	For Steam, Brass/SS, EPDM Seal	
		FM6306W		For Water, Brass/SS, Buna-N Seal	
		FM6506	F	3/4"	Brass
		B-6BM6-B	B		
		SL6506	F		Sleeve Lock, Brass
		B-6BM6-B-SL	B		
		FM6506S	F	For Steam, Brass/SS, EPDM Seal	
		FM6506W		For Water, Brass/SS, Buna-N Seal	
		FM6706	F	1"	Brass
		B-6BM8-B	B		
SL6706	F	Sleeve Lock, Brass			
B-6BM8-B-SL	B				

Hose tem		Part o	Brand	ID	Description
		FM6806	F	1/2"	Brass
		B-6BS4-B	B		
		SL6806	F	Sleeve Lock, Brass	
		B-6BS4-B-SL	B		
		FM6806W	F	For Water, Brass/SS, Buna-N Seal	
		FM6906	F	3/4"	Brass
		B-6BS6-B	B		
		SL6906	F		Sleeve Lock, Brass
		B-6BS6-B-SL	B		
		FM6906W	F	For Water, Brass/SS, Buna-N Seal	
		FM7006	F	1"	Brass
		B-6BS8-B	B		
		SL7006	F		Sleeve Lock, Brass
		B-6BS8-B-SL	B		


Requires Hose Clamp (See page 126 for typical hose clamps)


6 Series Plugs

Female Thread		Part o	Brand	FPT	Description
		65-6	F	1/2"	Steel
		B-B6F4-S	B		
		67-6	F	3/4"	Steel
		B-B6F6-S	B		
		69-6	F	1"	Steel
		B-B6F8-S	B		

Hose tem		Part o	Brand	ID	Description
		70-6	F	1/2"	Steel
		B-B6S4-S	B		
		71-6	F	3/4"	Steel
		B-B6S6-S	B		
		72-6	F	1"	Steel
		B-B6S8-S	B		

Requires Hose Clamps (See page 126 for typical hose clamps)

ale Thread		Part o	Brand	PT	Description
		64-6	F	1/2"	Steel
		B-B6M4-S	B		
		66-6	F	3/4"	Steel
		B-B6M6-S	B		Brass
		B-B6M6-B			
		68-6	F	1"	Steel
B-B6M8-S	B				

ale Thread w/ el nder Pressure		Part o	PT	Description
		66S-6	3/4"	Brass /Steel

Swivel Plugs – Eliminates hose twist on end drop applications such as blow guns, air tools, etc.



210 Series Couplings

Foster 210 Series couplings are available manual or automatic to connect designs and interchange with 1/4" body size ARO 210 series plugs.

Features:

One-Way Shut-Off

Rated Pressure: 300 psig

Operating Temperature: -40° to +250°F.

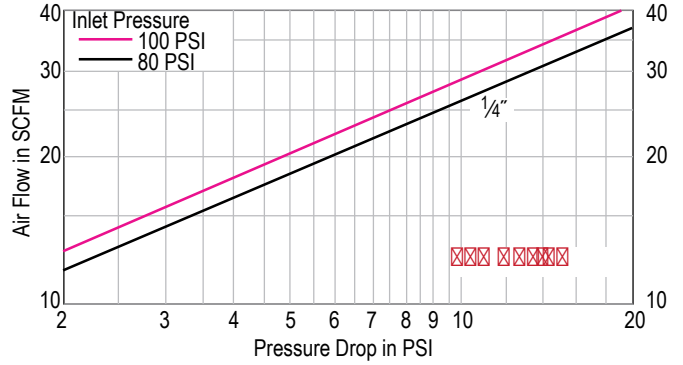
Material: Stainless Steel pins

Notes:

Manual - Socket sleeve must be retracted to connect and disconnect

Automatic - Push to Connect, retract socket sleeve to disconnect

Performance:



210 Series Manual Automatic Couplings

Female Thread	Part No	Brand	FPT	Description
	210M-2803	F	1/8"	Brass/Steel
	210M-2803NP			Nickel Plated
	210M-2803S/S			303 Stainless
	B-20F2-B	B	1/4"	Brass
	210M-3003	F		Brass/Steel
	B-20F2-S	B		Steel
	210M-3003NP	F		Nickel Plated
	210M-3003S/S			303 Stainless
	B-20F3-B	B		3/8"
	210M-3203	F	Brass/Steel	
	210M-3203S/S		303 Stainless	

Male Thread	Part No	Brand	PT	Description
	210M-2903	F	1/8"	Brass/Steel
	210M-2903NP			Nickel Plated
	210M-2903S/S			303 Stainless
	B-20M2-B	B	1/4"	Brass
	210M-3103	F		Brass/Steel
	B-20M2-S	B		Steel
	210M-3103NP	F		Nickel Plated
	210M-3103S/S			303 Stainless
	B-20M3-B	B		3/8"
	210M-3303	F	Brass/Steel	
	210M-3303S/S		303 Stainless	

Hose Term	Part No	Brand	ID	Description
	210M-3603	F	1/4"	Brass/Steel
	210M-3603NP			Nickel Plated
	210M-3603S/S			303 Stainless
	210M-3653	F	5/16"	Brass/Steel
	210M-3653S/S			303 Stainless
	B-20S3-B	B	3/8"	Brass
210M-3703	F	Brass/Steel		
210M-3703S/S		303 Stainless		

Requires Hose Clamp (See page 126 for typical hose clamps)

Push-Loc Hose Bar	Part No	ID	Description
	B-20PS3-B	3/8"	Brass

Hose clamps not required when used with "Push On" hose. See page 115.



Series Automatic Fittings Foster

Female Thread		Part o	FPT	Description
		210-2803	1/8"	Brass/Steel
		210-2803S/S	1/8"	303 Stainless
		210-3003	1/4"	Brass/Steel
		210-3003S/S	1/4"	303 Stainless
		210-3203	3/8"	Brass/Steel
		210-3203S/S	3/8"	303 Stainless

Push-on Hose tem		Part o	ID	Description
		210-1513	1/4"	Brass/Steel
		210-1713	3/8"	
Hose clamps not required when used with "Push On" hose. See page 115.				

Male Thread		Part o	PT	Description
		210-2903	1/8"	Brass/Steel
		210-2903S/S	1/8"	303 Stainless
		210-3103	1/4"	Brass/Steel
		210-3103S/S	1/4"	303 Stainless
		210-3303	3/8"	Brass/Steel
		210-3303S/S	3/8"	303 Stainless

Reusable Hose Clamp		Part o	ID x D	Description
		210-SB3	1/4" x 1/2"	Brass/Steel
		210-SB3S/S	1/4" x 1/2"	303 Stainless
		210-SB5	1/4" x 9/16"	Brass/Steel
		210-SB7	1/4" x 5/8"	
		210-SB7S/S	1/4" x 5/8"	303 Stainless
		210-SC5	5/16" x 9/16"	Brass/Steel
		210-SC7	5/16" x 5/8"	
		210-SD7	3/8" x 5/8"	
		210-SD9	3/8" x 11/16"	
210-SD11	3/8" x 3/4"			
210-SD13	3/8" x 13/16"			

Hose tem		Part o	ID	Description
		210-3603	1/4"	Brass/Steel
		210-3603S/S	1/4"	303 Stainless
		210-3653	5/16"	Brass/Steel
		210-3703	3/8"	Brass/Steel
		210-3703S/S	3/8"	303 Stainless
Requires Hose Clamp (See page 126 for typical hose clamps)				

Series Plugs

Female Thread		Part o	Brand	FPT	Description
		210-11	F	1/4"	Steel
		B-O2F2-S	B		
		210-11NP	F		
		210-11S/S	F	303 Stainless	
		B-O2F3-S	B	3/8"	Steel

Male Thread		Part o	Brand	PT	Description	
		210-12	F	1/8"	Steel	
		B-O2M1-S	B			
		210-12NP	F			Nickel Plated
		210-10	F	1/4"	Steel	
		B-O2M2-S	B			
		210-10NP	F			Nickel Plated
		210-10S/S	F			303 Stainless
B-O2M3-S	B	3/8"	Steel			

Hose tem		Part o	ID	Description
		210-16	1/4"	Steel
		210-16NP		Nickel Plated
		210-165	5/16"	Steel
		210-165NP		Nickel Plated
		210-17	3/8"	Steel
Requires Hose Clamp (See page 126 for typical hose clamps)				

Push-on Hose tem		Part o	ID	Description
		210-51	1/4"	Steel
Hose clamps not required when used with "Push On" hose. See page 115.				

Brand - Designates **F**=Foster or **B**=Breco Part

See page 156 for full size templates



AR

One Way Shut-Off

300 PSIG

anual

anual - Retract socket sleeve to connect and disconnect
Automatic - Push to Connect, retract socket sleeve to disconnect

Introduction

Pneumatic QD

Hydraulic QD

Blow Guns & Accessories

Fittings & Accessories

Hoses & Fittings

Loop & Ring Clamps

Beta Clamps & Z-Clamps

Technical Data

Indexes

Series automatic sockets

Female Thread	Part o	Brand	FPT	Description
	310M-4004	F	1/4"	Brass/Steel
	B-30F3-B	B		Brass
	310M-4204	F	3/8"	Brass/Steel
	B-30F3-S	B		Steel
	310M-4204NP	F		Nickel Plated
	310M-4404	F	1/2"	Brass/Steel

Male Thread	Part o	Brand	PT	Description
	310M-4104	F	1/4"	Brass/Steel
	310M-4304NP			Nickel Plated
	310M-4304		3/8"	Brass/Steel
	B-30M3-S	B		Steel
	310M-4504	F	1/2"	Brass/Steel

Hose tem	Part o	ID	Description
	310M-4604	1/4"	Brass/Steel
	310M-4704	5/16"	
	310M-4804	3/8"	Nickel Plated
	310M-4804NP		
	310M-4904	1/2"	Brass/Steel

Requires Hose Clamp (See page 126 for typical hose clamps)

Series automatic sockets Foster

Female Thread	Part o	FPT	Description
	310-4004	1/4"	Brass/Steel
	310-4204	3/8"	Brass/Steel
	310-4404	1/2"	Brass/Steel

Push-on Hose tem	Part o	ID	Description
	310-1714	3/8"	Brass/Steel
	310-1814	1/2"	Brass/Steel

Hose clamps not required when used with "Push On" hose. See page 115.

Male Thread	Part o	PT	Description
	310-4104	1/4"	Brass/Steel
	310-4304	3/8"	Brass/Steel
	310-4504	1/2"	Brass/Steel

Reusable Hose Clamp	Part o	ID x D	Description
	310-SB3	1/4" x 1/2"	Brass/Steel
	310-SB5	1/4" x 9/16"	
	310-SB7	1/4" x 5/8"	
	310-SD7	3/8" x 5/8"	Brass/Steel
	310-SD9	3/8" x 11/16"	
	310-SD11	3/8" x 3/4"	
	310-SD13	3/8" x 13/16"	

Hose tem	Part o	ID	Description
	310-4604	1/4"	Brass/Steel
	310-4704	5/16"	Brass/Steel
	310-4804	3/8"	Brass/Steel
	310-4904	1/2"	Brass/Steel


Requires Hose Clamp (See page 126 for typical hose clamps)


Brand - Designates F=Foster or B=Breco Part


See page 156 for full size templates

Foster Engineering Catalog

Series Plugs

Female Thread		Part o	Brand	FPT	Description
		310-43	F	3/8"	Steel
		B-03F3-S	B		
		310-43NP	F		

Male Thread		Part o	Brand	PT	Description
		310-42	F	3/8"	Steel
		B-03M3-S	B		
		310-42NP	F		

Hose tem		Part o	ID	Description
		310-48	3/8"	Steel
		310-48NP		Nickel Plated
		310-49	1/2"	Steel
Requires Hose Clamp (See page 126 for typical hose clamps)				

Brand - Designates **F**=Foster or **B**=Breco Part

Call factory for nickel plating on additional items
See page 156 for full size templates
See pages 149 - 150 for optional seal compounds



TF Series Couplers (pneumatic) up to 300 psig connect with Tru-Flate design, commonly called the automotive interchange. They have manual sleeves and are single shut off quick couplings. The steel tubular valve delivers high air flow with minimal pressure drop. Couplers and Nipples are available in a wide range of sizes and materials for use in a variety of applications with air or fluid.

TF: One Way Shut-Off

R: 300 PSIG

TF: Automatic

Automatic - Push to Connect, retract socket sleeve to disconnect

TF: 1/4", 3/8", (For 1/2" use Industrial Interchange product)

TF:

- ☑ Developed for the automotive industry
- ☑ High flow valves with minimal pressure drop
- ☑ Integral Sleeve guard helps prevent accidental disconnect
- ☑ Grip-ring sleeve version has a larger knurled diameter to provide easy operation when gloves are worn

AR:

- ☑ Air compressors, Pneumatic Tools
- ☑ Grease guns, Paint applicators

TF Series Automatic Couplers

Female Thread		Part no	Brand	FPT	Description
		B-2JF1-B	B	1/8"	Brass
		TF2803	F		Brass/Steel
		B-2JF2-B	B	1/4"	Brass
		TF3003	F		Brass/Steel
		SGTF3003	F		Brass w/Steel Valve w/Sleeve Guard
		B-2JF3-B	B	3/8"	Brass
		TF3203	F		Brass/Steel

Hose tem		Part no	Brand	ID	Description
		B-2JS2-B	B	1/4"	Brass
		TF3603	F		Brass/Steel
		TF3653	F	5/16"	Brass/Steel
		B-2JS3-B	B	3/8"	Brass
		TF3703	F		Brass/Steel

Requires Hose Clamps (See page 126 for typical hose clamps)

Male Thread		Part no	Brand	PT	Description
		TF2903	F	1/8"	Brass/Steel
		B-2JM2-B	B		Brass
		TF3103	F	1/4"	Brass/Steel
		SGTF3103	F		Brass w/Steel Valve w/Sleeve Guard
		B-2JM3-B	B	3/8"	Brass
TF3303	F	Brass/Steel			


Push-on Hose tem		Part no	Brand	ID	Description
		B-2JPS2-B	B	1/4"	Brass
		TF1513	F		Brass/Steel
		B-2JPS3-B	B	3/8"	Brass
		TF1713	F		Brass/Steel


Hose clamps not required when used with "Push On" hose. See page 115.


Reusable Hose Clamp		Part no	ID x D	Description
		TFSB3	1/4" x 1/2"	Brass/Steel
		TFSB5	1/4" x 9/16"	
		TFSB7	1/4" x 5/8"	
		TFSC5	5/16" x 9/16"	
		TFSC7	5/16" x 5/8"	
		TFSD7	3/8" x 5/8"	
		TFSD9	3/8" x 11/16"	
		TFSD11	3/8" x 3/4"	
TFSD13	3/8" x 13/16"			




F Series Plugs

Female Thread		Part o	Brand	FPT	Description
		TF13	F	1/8"	Steel
		B-J2F1-S	B		Brass
		B-J2F2-B	B	1/4"	Steel
		TF11	F		Steel
		B-J2F2-S	B	3/8"	Steel
TF15	F	Steel			
B-J2F3-S	B				


Male Thread		Part o	Brand	PT	Description
		TF12	F	1/8"	Steel
		B-J2M2-B	B		Brass
		TF10	F	1/4"	Steel
		B-J2M2-S	B		Steel
TF14	F	3/8"	Steel		

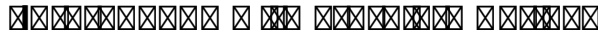
Hose tem		Part o	ID	Description
		TF16	1/4"	Steel
		TF17	3/8"	Steel

Requires Hose Clamps (See page 126 for typical hose clamps)


Push- n Hose tem		Part o	Brand	ID	Description
		TF51	F	1/4"	Steel
		B-J2PS2-S	B		
		TF71	F	3/8"	Steel


Hose clamps not required when used with "Push On" hose. See page 115.


Reusable Hose Clamp		Part o	ID x D	Description
		TFPB3	1/4" x 1/2"	Steel
		TFPB5	1/4" x 9/16"	
TFPB7	1/4" x 5/8"			




Series Automatic Fittings

Female Thread		Part o	Brand	FPT	Description
		TF4004	F	1/4"	Brass/Steel
		B-3JF2-S	B		Steel
		TF4204	F	3/8"	Brass/Steel
		B-3JF3-S	B		Steel
		TF4404	F	1/2"	Brass/Steel


Male Thread		Part o	Brand	PT	Description
		TF4104	F	1/4"	Brass/Steel
		B-3JM2-S	B		Steel
		B-3JM3-B	B		Brass
		TF4304	F	3/8"	Brass/Steel
		B-3JM3-S	B		Steel
		TF4504	F		1/2"
		B-3JM4-S	B	Steel	

Hose tem		Part o	Brand	ID	Description
		TF4604	F	1/4"	Brass/Steel
		TF4704	F	5/16"	Brass/Steel
		TF4804	F		Brass/Steel
		B-3JS3-S	B	3/8"	Steel
		TF4904	F		Brass/Steel
		B-3JS4-S	B	1/2"	Steel


Requires Hose Clamps (See page 126 for typical hose clamps)


Push- n Hose tem		Part o	Brand	ID	Description
		TF1714	F	3/8"	Brass/Steel
		B-3JPS3-S	B		Steel
		TF1814	F	1/2"	Brass/Steel


Hose clamps not required when used with "Push On" hose. See page 115.

Reusable Hose Clamp		Part o	ID x D	Description
		TFSB34	1/4" x 1/2"	Brass/Steel
		TFSB54	1/4" x 3/16"	
		TFSB74	1/4" x 5/8"	
		TFSD74	3/8" x 5/8"	
		TFSD94	3/8" x 11/16"	
		TFSD114	3/8" x 3/4"	
TFSD134	3/8" x 13/16"			


Series Plugs

Female Thread		Part o	FPT	Description
		TF41	1/4"	Steel
		TF43	3/8"	Steel

Male Thread		Part o	Brand	PT	Description
		TF40	F	1/4"	Steel
		TF42	F	3/8"	Steel
		B-J3M3-S	B		

Hose tem		Part o	Brand	ID	Description
		TF48	F	3/8"	Steel

Requires Hose Clamps (See page 126 for typical hose clamps)

Push- n Hose tem		Part o	ID	Description
		B-J3PS3-S	3/8"	Steel

Hose clamps not required when used with "Push On" hose. See page 115.

See page 156 for full size templates

Brand - Designates **F**=Foster or **B**=Breco Part

Foster Engineering Catalog



Series 4000 Annual Connectors Reco

Female Thread		Part no	FPT	Description
		B-4CF3-S	3/8"	Steel
		B-4CF4-B	1/2"	Brass
		B-4CF4-S		Steel
B-4CF6-S	3/4"	Steel		

Male Thread		Part no	PT	Description
		B-4CM3-S	3/8"	Steel
		B-4CM4-B	1/2"	Brass
		B-4CM4-S		Steel
B-4CM6-S	3/4"	Steel		

Hose tem		Part no	ID	Description
		B-4CS3-S	3/8"	Steel
		B-4CS4-S	1/2"	Steel
		B-4CS6-S	3/4"	Steel

Requires Hose Clamps (See page 126 for typical hose clamps)

Push- n Hose tem		Part no	ID	Description
		B-4CPS3-S	3/8"	Steel
B-4CPS4-S	1/2"	Steel		

Hose clamps not required when used with "Push On" hose. See page 115.

Series 4000 Plugs Reco

Female Thread		Part no	FPT	Description
		B-B4F3-S	3/8"	Steel
		B-B4F4-S	1/2"	Steel
B-B4F6-S	3/4"	Steel		

Male Thread		Part no	PT	Description
		B-B4M3-S	3/8"	Steel
		B-B4M4-S	1/2"	Steel
B-B4M6-S	3/4"	Steel		

Hose tem		Part no	ID	Description
		B-B4S3-S	3/8"	Steel
		B-B4S4-S	1/2"	Steel
		B-B4S6-S	3/4"	Steel

Requires Hose Clamps (See page 126 for typical hose clamps)

Push- n Hose tem		Part no	ID	Description
		B-B4PS3-S	3/8"	Steel
B-B4PS4-S	1/2"	Steel		

Hose clamps not required when used with "Push On" hose. See page 115.



FOSTER Engineering Catalog

FOSTER Engineering Catalog:

- Engineered for speedy coupling and uncoupling. To lock - push in; To unlock - rotate sleeve 1/8 turn.
- Designed to protect against accidental uncoupling. A variety of types and sizes are available to meet specific needs.
- Standard Twist-Lock couplings are ideal for low to medium air flows, such as air tools.

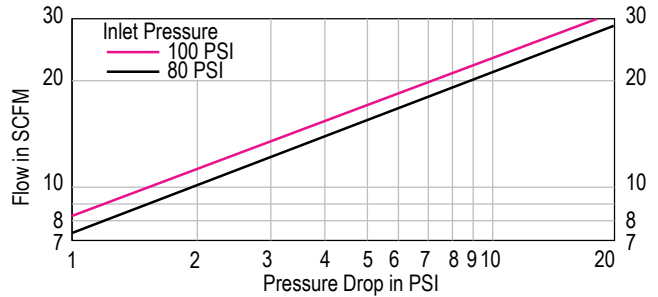
FOSTER Engineering Catalog:

- FOSTER Engineering Catalog: **R** Twist-Lock **N** One Way Shut-Off -40° to +250°F
- FOSTER Engineering Catalog: **B** Twist-Lock
- FOSTER Engineering Catalog: **B** 27" HG
- FOSTER Engineering Catalog: **B** One Way Shut-Off
- FOSTER Engineering Catalog: **R** 300 PSIG

FOSTER Engineering Catalog: Automatic Push to Connect; Twist-to-release

FOSTER Engineering Catalog: Aluminum bodies and zinc plated steel sleeves. Buna-N seals. Brass adapters.

FOSTER Engineering Catalog:



FOSTER Engineering Catalog Series Automatic Couplers

Female Thread	Part No	Brand	Size	FPT	Description
	SHD2803	F	1/8"	1/8"	Aluminum/Steel/Brass
	B-2TLF1-S	B			303 Stainless
	SHD2803S/S	F			Aluminum/Steel/Brass
	SHD3003	F	1/4"	1/4"	Aluminum/Steel/Brass
	B-2TLF2-S	B			Aluminum/Steel/Brass w/Silicone Seal
	SHD3003-104	F			Aluminum/Steel/Brass Less Valve
	SHD3003LV	F			303 Stainless
	SHD3003S/S	F			Aluminum/Steel/Brass
	SHD3203	F			303 Stainless
	B-2TLF3-S	B	3/8"	3/8"	Aluminum/Steel/Brass
	SHD3203S/S	F			303 Stainless

Male Thread	Part No	Brand	Size	PT	Description
	SHD2903	F	1/8"	1/8"	Aluminum/Steel/Brass
	SHD2903S/S	F			303 Stainless
	SHD3103	F	1/4"	1/4"	Aluminum/Steel/Brass
	B-2TLM2-S	B			Aluminum/Steel/Brass w/Silicone Seal
	SHD3103-104	F			303 Stainless
	SHD3103S/S	F			Aluminum/Steel/Brass
	SHD3303	F	3/8"	3/8"	Aluminum/Steel/Brass
	B-2TLM3-S	B			303 Stainless
	SHD3303S/S	F			303 Stainless

Hose Item	Part No	Size	ID	Description
	SHD3603	1/4"	1/4"	Aluminum/Steel/Brass
	SHD3603S/S			303 Stainless
	SHD3653	3/8"	5/16"	Aluminum/Steel/Brass
	SHD3703		Aluminum/Steel/Brass	
	SHD3703S/S		303 Stainless	

Requires Hose Clamp (See page 126 for typical hose clamps)

Reusable Hose Clamp	Part No	Size	ID x D	Description
	SHDSB33	1/4"	1/4" x 1/2"	Aluminum/Steel/Brass
	SHDSB33S/S			303 Stainless
	SHDSB53	1/4"	1/4" x 9/16"	Aluminum/Steel/Brass
	SHDSB73			Aluminum/Steel/Brass
	SHDSB73S/S			303 Stainless
	SHDSC53	1/4"	5/16" x 9/16"	Aluminum/Steel/Brass
	SHDSC73			Aluminum/Steel/Brass
	SHDSD73			Aluminum/Steel/Brass
	SHDSD93	3/8"	3/8" x 11/16"	Aluminum/Steel/Brass
	SHDSD113			Aluminum/Steel/Brass
	SHDSD133			Aluminum/Steel/Brass

Push-On Hose Item	Part No	Size	ID	Description
	SHD1513	1/4"	1/4"	Aluminum/Steel/Brass
	SHD1713		3/8"	Aluminum/Steel/Brass

Hose clamps not required when used with "Push On" hose. See page 115.

See page 157 for full size templates
See pages 149 - 150 for optional seal compounds

Brand - Designates **F**=Foster or **B**=Breco Part



FOSTER® HOSE CONNECTORS AND PLUGS

HOSE CONNECTORS AUTOMATIC HOSE CONNECTS FOSTER

Female Thread		Part no	Brand	Size	FPT	Description
		SHD4015	F	1/2"	1/4"	Aluminum/Steel/Brass
		B-4TLF2-S	B			
		SHD5005	F	3/8"	1/2"	
		B-4TLF3-S	B			
		SHD5205	F	1/2"	3/4"	
		B-4TLF4-S	B			
		SHD5405	F	3/4"		
		B-4TLF6-S	B			

Male Thread		Part no	Brand	Size	PT	Description
		SHD4905	F	1/2"	1/4"	Aluminum/Steel/Brass
		B-4TLM2-S	B			
		SHD5105	F	3/8"	1/2"	
		B-4TLM3-S	B			
		SHD5305	F	1/2"	3/4"	
		B-4TLM4-S	B			
SHD5505	F	3/4"				

HOSE CONNECTORS DUST PLUGS FOSTER

Dust Plug		Part no	Size	Description
		SHD-DP	1/4"	Aluminum w/Lanyard

Hose Temp		Part no	Size	ID	Description
		SHD5605	1/2"	1/4"	Aluminum/Steel/Brass
		SHD5705		3/8"	
		SHD5805		1/2"	
		SHD5905		3/4"	
Requires Hose Clamp (See page 126 for typical hose clamps)					

Push-on Hose Temp		Part no	Size	ID	Description
		SHD1815	1/2"	1/2"	Aluminum/Steel/Brass
Hose clamps not required when used with "Push On" hose. See page 115.					

Reusable Hose Clamp		Part no	Size	ID x D	Description
		SHDSD75	1/2"	3/8" x 5/8"	Aluminum/Steel/Brass
		SHDSD95		3/8" x 11/16"	
		SHDSD115		3/8" x 3/4"	
		SHDSD135		3/8" x 13/16"	
		SHDSP135		1/2" x 13/16"	
		SHDSP155		1/2" x 7/8"	
		SHDSP175		1/2" x 15/16"	
		SHDSP195		1/2" x 1"	

Brand - Designates **F**=Foster or **B**=Breco Part

See page 157 for full size templates
See pages 149 - 150 for optional seal compounds

www.fosterhose.com



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H Series Plugs

Female Thread		Part o	i e	FPT	Description
		SHD13	1/4"	1/8"	Steel
		SHD11		1/4"	Steel
		SHD11S/S		1/4"	303 Stainless

Male Thread		Part o	i e	PT	Description
		SHD12	1/4"	1/8"	Steel
		SHD10		1/4"	Steel
		SHD10S/S		1/4"	303 Stainless

Hose tem		Part o	Brand	i e	ID	Description
		SHD16	F	1/4"	1/4"	Steel
		B-TL2S2-S	B			
		SHD17	F			

Requires Hose Clamp (See page 126 for typical hose clamps)

Push- n Hose tem		Part o	i e	ID	Description
		SHD51	1/4"	1/4"	Steel

Hose clamps not required when used with "Push On" hose. See page 115.

H Series Plugs

Female Thread		Part o	Brand	i e	FPT	Description
		B-TL4F2-S	B	1/2"	1/4"	Steel
		SHD53	F		3/8"	

Male Thread		Part o	Brand	i e	PT	Description
		SHD50	F	1/2"	1/4"	Steel
		SHD52	F		3/8"	
		SHD54	F		1/2"	
		B-TL4M6-S	B		3/4"	

Hose tem		Part o	Brand	i e	ID	Description
		SHD59	F	1/2"	3/8"	Steel
		SHD60			1/2"	

Requires Hose Clamp (See page 126 for typical hose clamps)

Brand - Designates **F**=Foster or **B**=Breco Part
Foster Engineering Catalog

See page 157 for full size templates
See pages 149 - 150 for optional seal compounds

Introduction
Pneumatic QD
Hydraulic QD
Blow Guns & Accessories
Fittings & Accessories
Hoses & Fittings
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One Way Shut-Off

300 PSIG

Sleeve must be retracted to connect and disconnect

Series O60 and A70:


- Designed for use with compressed air and other gases
- General Pneumatics • Breathing Equipment • Welding • Shipyards • Construction
- Series O60 couplings used with oxygen at 100 psig or less
- Series A70 couplings used with acetylene at 15 psig or less


COLOR CODED SOCKETS


- O60 – GREEN SLEEVE BAND • OXYGEN SERVICE**
- A70 – RED SLEEVE BAND • ACETYLENE SERVICE**

When used for oxygen/acetylene service, order with Ball Lock (BL) to comply with OSHA Std. 1915.55(f)(5).


6 Series Standard Couplers Foster


Female Thread		Part no	FPT	Description
		O-2803	1/8"	Brass
		O-3003	1/4"	
		O-3003LV	1/4"	Less Valve, Brass
		O-3203	3/8"	Brass
		BLO-2803	1/8"	Ball Lock, Brass
		BLO-3003	1/4"	
		BLO-3203	3/8"	

Male Thread		Part no	PT	Description
		O-2903	1/8"	Brass
		O-3103	1/4"	
		O-3303	3/8"	
		BLO-2903	1/8"	Ball Lock, Brass
		BLO-3103	1/4"	
		BLO-3303	3/8"	

Hose tem		Part no	ID	Description
		O-3603	1/4"	Brass
		O-3653	5/16"	
		O-3703	3/8"	
		BLO-3603	1/4"	Ball Lock, Brass
		BLO-3653	5/16"	
		BLO-3703	3/8"	


Requires Hose Clamp (See page 126 for typical hose clamps)


Reusable Hose Clamp		Part no	ID x D	Description
		O-SB3	1/4" x 1/2"	Brass
		O-SB5	1/4" x 9/16"	
		O-SB7	1/4" x 5/8"	
		O-SC5	5/16" x 9/16"	
		O-SC7	5/16" x 5/8"	
		O-SD7	3/8" x 5/8"	Ball Lock, Brass
		O-SD9	3/8" x 11/16"	
		O-SD11	3/8" x 3/4"	
		O-SD13	3/8" x 13/16"	
		BLO-SB3	1/4" x 1/2"	
		BLO-SB5	1/4" x 9/16"	
		BLO-SB7	1/4" x 5/8"	
		BLO-SC5	5/16" x 9/16"	
		BLO-SC7	5/16" x 5/8"	
BLO-SD7	3/8" x 5/8"			
BLO-SD9	3/8" x 11/16"			


Push-on Hose tem		Part no	ID	Description
		O-1513	1/4"	Brass
		O-1713	3/8"	
		BLO-1513	1/4"	Ball Lock, Brass
		BLO-1713	3/8"	

Hose clamps not required when used with "Push On" hose. See page 115.

6 Series Plug Foster

Female Thread		Part no	FPT	Description
		O-11	1/4"	Brass

Male Thread		Part no	PT	Description
		O-12	1/8"	Brass
O-10	1/4"			

Hose tem		Part no	ID	Description
		O-16	1/4"	Brass
		O-17	3/8"	

Requires Hose Clamp (See page 126 for typical hose clamps)


See page 157 for full size templates
 See pages 149 - 150 for optional seal compounds
 Brand - Designates **F**=Foster or **B**=Breco Part


FOSTER:


- ☑ Safety sleeve lock prevents accidental disconnections
- ☑ Non-Interchangeable design prevents crossing of lines

- ☑ Color coded sleeves for easy identification:
- green **A** - red
- ☑ OSHA compliant
- ☑ Construction: Brass w/Buna-N seal


FOSTER Series Standard Fittings Foster

Female Thread		Part no	FPT	Description
		A-2803	1/8"	Brass
		A-3003	1/4"	
		A-3203	3/8"	
		BLA-2803	1/8"	Ball Lock, Brass
		BLA-3003	1/4"	
		BLA-3203	3/8"	


Male Thread		Part no	PT	Description
		A-2903	1/8"	Brass
		A-3103	1/4"	
		A-3303	3/8"	
		BLA-2903	1/8"	Ball Lock, Brass
		BLA-3103	1/4"	
		BLA-3303	3/8"	


Hose term		Part no	ID	Description
		A-3603	1/4"	Brass
		A-3653	5/16"	
		A-3703	3/8"	
		BLA-3603	1/4"	Ball Lock, Brass
		BLA-3653	5/16"	
		BLA-3703	3/8"	


Requires Hose Clamp (See page 126 for typical hose clamps)

Reusable Hose Clamp		Part no	ID x D	Description
		A-SB3	1/4" x 1/2"	Brass
		A-SB5	1/4" x 9/16"	
		A-SB7	1/4" x 5/8"	
		A-SC5	5/16" x 9/16"	Ball Lock, Brass
		A-SC7	5/16" x 5/8"	
		A-SD7	3/8" x 5/8"	
		A-SD9	3/8" x 11/16"	Ball Lock, Brass
		A-SD11	3/8" x 3/4"	
		A-SD13	3/8" x 13/16"	
		BLA-SB3	1/4" x 1/2"	Ball Lock, Brass
		BLA-SB5	1/4" x 9/16"	
		BLA-SB7	1/4" x 5/8"	
		BLA-SC5	5/16" x 9/16"	Ball Lock, Brass
		BLA-SC7	5/16" x 5/8"	
		BLA-SD7	3/8" x 5/8"	
BLA-SD9	3/8" x 11/16"	Ball Lock, Brass		
BLA-SD11	3/8" x 3/4"			
BLA-SD13	3/8" x 13/16"			

FOSTER Series Plugs Foster

Female Thread		Part no	FPT	Description
		A-11	1/4"	Brass

Male Thread		Part no	PT	Description
		A-12	1/8"	Brass
A-10	1/4"			

Hose term		Part no	ID	Description
		A-16	1/4"	Brass
		A-17	3/8"	

Requires Hose Clamp (See page 126 for typical hose clamps)

See page 157 for full size templates
See pages 149 - 150 for optional seal compounds

Brand - Designates **F**=Foster or **B**=Breco Part



FR: One Way Shut-Off

FR: 300 PSIG

FR: Automatic Push to Connect; Twist-to-release

FR:

- High flow capacity
- Ring lock
- Push to Connect, retract socket sleeve to disconnect
- Will not disconnect when hose is dragged on the ground
- Rotate locking sleeve approximately 20° to disconnect
- Optional seal materials available

FR:


Socket


- Zinc Plated Steel Body
- Brass Socket End
- Zinc Plated Steel Sleeve
- Zinc Plated Steel Valve
- Buna-N (Nitrile) Seal
- Spring is Zinc Plated Music Wire
- Zinc Plated Steel Locking Ring


Plug

- Zinc Plated Case-Hardened Steel


FR Series Automatic Locking Connectors Foster

Female Thread		Part no	Size	FPT	Description
		2R4004	3/8"	1/4"	
		2R4204		3/8"	
		2R4404		1/2"	


Male Thread		Part no	Size	PT	Description
		2R4104	3/8"	1/4"	
		2R4304		3/8"	
		2R4504		1/2"	

Hose Item		Part no	Size	ID	Description
		2R4604	3/8"	1/4"	
		2R4704		5/16"	
		2R4804		3/8"	
		2R4904		1/2"	


Requires Hose Clamp (See page 126 for typical hose clamps)


Push-on Hose Item		Part no	Size	ID	Description
		2R1714	3/8"	3/8"	
		2R1814		1/2"	


Hose clamps not required when used with "Push On" hose. See page 115.

Reusable Hose Clamp		Part no	Size	ID x D	Description
		2RSD7	3/8"	3/8" x 5/8"	
		2RSD9		3/8" x 11/16"	
		2RSD11		3/8" x 3/4"	
		2RSD13		3/8" x 13/16"	


FR Series Plugs Foster

Female Thread		Part no	Size	FPT	Description
		2L41	3/8"	1/4"	
		2L43		3/8"	
		2L45		1/2"	

Male Thread		Part no	Size	PT	Description
		2L38	3/8"	1/8"	
		2L40		1/4"	
		2L42		3/8"	
		2L44		1/2"	

Hose Item		Part no	Size	ID	Description
		2L46	3/8"	1/4"	
		2L48		3/8"	
		2L49		1/2"	

Requires Hose Clamp (See page 126 for typical hose clamps)


Reusable Hose Clamp		Part no	Size	ID x D	Description
		2LPD7	3/8"	3/8" x 5/8"	
		2LPD9		3/8" x 11/16"	
		2LPD11		3/8" x 3/4"	
		2LPD13		3/8" x 13/16"	
		2LPP13		1/2" x 13/16"	
		2LPP15		1/2" x 7/8"	
		2LPP17		1/2" x 15/16"	
		2LPP19		1/2" x 1"	


See page 157 for full size templates
See pages 149 - 150 for optional seal compounds


Brand - Designates F=Foster or B=Breco Part

- 8 -


FR Series Automatic Fittings Foster

Female Thread		Part no	Size	FPT	Description
		3R4015	1/2"	1/4"	
		3R5005		3/8"	
		3R5205		1/2"	
		3R5405		3/4"	


Male Thread		Part no	Size	PT	Description
		3R4905	1/2"	1/4"	
		3R5105		3/8"	
		3R5305		1/2"	
		3R5505		3/4"	

Hose tem		Part no	Size	ID	Description
		3R5605	1/2"	1/4"	
		3R5705		3/8"	
		3R5805		1/2"	
		3R5905		3/4"	


Requires Hose Clamp (See page 126 for typical hose clamps)


Push-on Hose tem		Part no	Size	ID	Description
		3R1815	1/2"	1/2"	


Hose clamps not required when used with "Push On" hose. See page 115.

Reusable Hose Clamp		Part no	Size	ID x D	Description
		3RSD7	1/2"	3/8" x 5/8"	
		3RSD9		3/8" x 11/16"	
		3RSD11		3/8" x 3/4"	
		3RSD13		3/8" x 13/16"	
		3RSP13		1/2" x 13/16"	
		3RSP15		1/2" x 7/8"	
		3RSP17		1/2" x 15/16"	
3RSP19	1/2" x 1"				

FR Series Plugs Foster

Female Thread		Part no	Size	FPT	Description	
		3L51	1/2"	1/4"		
		3L55		1/2"		
		3L55G		1/2"		Steel, Ball Check
		3L57		3/4"		Steel

Male Thread		Part no	Size	PT	Description	
		3L50	1/2"	1/4"		
		3L52		3/8"		Steel
		3L52G				Steel, Ball Check
		3L54		1/2"		Steel
		3L54G		1/2"		Steel, Ball Check
3L56	3/4"	Steel				

Hose tem		Part no	Size	ID	Description	
		3L58	1/2"	1/4"		
		3L59		3/8"		Steel
		3L59G		3/8"		Steel, Ball Check
		3L60		1/2"		Steel
		3L60G		1/2"		Steel, Ball Check
		3L61		3/4"		Steel
		3L61G		3/4"		Steel, Ball Check

Requires Hose Clamp (See page 126 for typical hose clamps)

Foster LN Series couplings are interchangeable with Lincoln's "Long Nose" series couplings and offer quick coupling of all air-operated equipment. They are only available in 1/4" body size, brass and steel construction.

- Locking feature prevents accidental coupler detachment
- Increased air flow due to a larger air passage
- Automatic air check valve shuts off air instantly when uncoupled, providing leak-proof seal.
- Corrosion resistant steel for long service life
- Free swivel helps prevent kinking or curling of air hoses

Options:

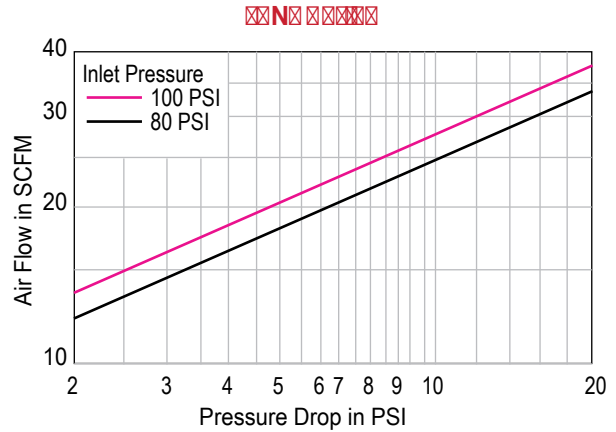
- One Way Shut-Off
- 300 PSIG
- 40° to +250°F.
- Balls or pins

Manual:

Manual - socket sleeve must be retracted to connect and disconnect

Automatic - Push to Connect, retract socket sleeve to disconnect

Performance:



LN Series Automatic Socket Couplers

Female Thread	Part no	Brand	FPT	Description
	LN2803	F	1/8"	Brass/Steel
	LN3003		1/4"	
	B-2LF2-B	B	1/4"	
	LN3203	F	3/8"	

Push-on Hose Temp	Part no	ID	Description
	LN1513	1/4"	Brass/Steel
	LN1713	3/8"	

Hose clamps not required when used with "Push On" hose. See page 115.

Male Thread	Part no	Brand	PT	Description
	LN2903	F	1/8"	Brass/Steel
	LN3103		1/4"	
	B-2LM2-B	B	1/4"	
	LN3303	F	3/8"	

Reusable Hose Clamp	Part no	ID x D	Description
	LNSB3	1/4" x 1/2"	Brass/Steel
	LNSB5	1/4" x 9/16"	
	LNSB7	1/4" x 5/8"	
	LNSC5	15/16" x 9/16"	
	LNSC7	15/16" x 5/8"	
	LNSD11	3/8" x 5/8"	
	LNSD13	3/8" x 11/16"	
	LNSD7	3/8" x 3/4"	
	LNSD9	3/8" x 13/16"	


Hose Temp	Part no	ID	Description
	LN3603	1/4"	Brass/Steel
	LN3653	5/16"	
	LN3703	3/8"	


Requires Hose Clamp (See page 126 for typical hose clamps)


Brand - Designates F=Foster or B=Breco Part

See page 157 for full size templates
See pages 149 - 150 for optional seal compounds


LN Series Annular Fittings Foster


Female Thread		Part No	FPT	Description
		LN2803M	1/8"	Brass/Steel
		LN3003M	1/4"	
		LN3203M	3/8"	


Male Thread		Part No	PT	Description
		LN2903M	1/8"	Brass/Steel
		LN3103M	1/4"	
		LN3303M	3/8"	

Hose End		Part No	ID	Description
		LN3603M	1/4"	Brass/Steel
		LN3703M	3/8"	
		Requires Hose Clamp (See page 126 for typical hose clamps)		

LN Series Plugs Foster

Female Thread		Part No	FPT	Description
		LN13	1/8"	Steel
		LN11	1/4"	

Male Thread		Part No	PT	Description
		LN12	1/8"	Steel
		LN10	1/4"	

Hose Bar		Part No	Hose ID	Description
		LN16	1/4"	Steel
Requires Hose Clamp (See page 126 for typical hose clamps)				



The F180 miniature ball-lock quick disconnect coupling/plug offers great performance in a very small size with high flow and minimal pressure drop. Designed for use with compressed air, gases, and liquids. It's perfect for breathable air, lab, medical, and pharmaceutical applications. It's a preferred choice anywhere high flow is required within a very tight space, such as boat lifts.

Key Features:

- ☒ **Temperature Range** std Buna- seals -40° to +225° F.
- ☒ **ax perating Pressure** 700 psig (48 bar)
- ☒ **in Burst Pressure** 2,800 psig (193 bar)
- ☒ **Flow Rate** 2.5 scfm (71 lpm)

Key Features:

- ☒ Miniature Ball-Lock Quick Disconnect Coupling
- ☒ Designed for use with Compressed Air, Gasses, and Liquids
- ☒ Hansen 180 Series Interchange
- ☒ Standard Brass Body, Optional Plating Available
- ☒ F180 Series Utilizes a Tire Valve
- ☒ Can Be Used in Laboratory, Medical, Pharmaceutical, Food, and Beverage
- ☒ Offered with 1/8" Male NPT or 3/16" I.D. Hose Barb
- ☒ Standard Buna-N, Flexible Seal

Female Couplings ☒ Foster

Female Thread	Part o	Thread	Body i e	Description
	F180	1/8" Male NPT	1/8"	Brass, with Valve

Hose Bar	Part o	Thread	Body i e	Description
	F184LV	3/16" I.D. Hose Barb	1/8"	Brass, without Valve
Requires Hose Clamp (See page 126 for typical hose clamps)				

Female Plugs ☒ Foster

Female Thread	Part o	Thread	Body i e	Description
	F185	1/8" Male NPT	1/8"	Brass

Hose Bar	Part o	Thread	Body i e	Description
	F189	3/16" I.D. Hose Barb	1/8"	Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				

BRECO DR Series couplers are designed to interchange with Rectus 21 KA couplers using un-valved plugs. The DR Series products provide automatic push-to-connect ease and high flow in a 1/8" connection size.


Features


- Maximized flow path allows greater flow than other 1/8" NPT coupler designs
- 6 retaining balls versus 5 in the Rectus 21 KA provides greater plug retention
- 3/16" Wrench flats versus 14mm on Rectus 21 KA
- Ball-holes with corner radius have 65% more ball-to-body contact area and provides longer life and increased reliability
- Precision molded leak-proof seal
- Quick, easy push-to-connect design
- Brass construction for corrosion resistance

Specifications


Material Brass plugs & sockets
Seal Buna-N
Air Flow 17 CFM @ 100 PSIG @ 5.0 PSIG Pressure Drop
Working Pressure 300 PSIG
Body Size 1/8"
Connection Size 1/8" NPT
Interchangeability Rectus 21 KA, Tomco SC, Camozzi 5000, and CEJN 223 Series


DR Series Sockets & Couplers

Female Thread		Part No.	Size	PT	Description
		DR21-1F	1/8"	1/8"	Brass

Male Thread		Part No.	Size	PT	Description
		DR21-1M	1/8"	1/8"	Brass

DR Series Plugs & Couplers

Female Thread		Part No.	Size	PT	Description
		DR21-1PF	1/8"	1/8"	Brass

Male Thread		Part No.	Size	PT	Description
		DR21-1PM	1/8"	1/8"	Brass

BRECO PNEUMATIC UNIVERSAL COUPLER ACCEPTS MULTIPLE SERIES NIPPLES

Features


- The 1/4" Universal Coupler will accept the Industrial Interchange series, "J" series (Tru-Flate) & "O" Series (ARO-210) Plugs.
- The coupler features automatic push-to-connect operation, high flow machined "window valve" and a sleeve guard which helps prevent accidental disconnects and protects the sleeve from damage.
- While the best quick coupling performance is obtained by matching like series sockets and plugs, the universal coupler permits multiple series plugs to mate with one socket.





Specifications:

- Rated Pressure** psig 150
- Temperature Range** itrile seal -40° to +250°F.
- Loc ing De ice** Stainless Steel balls
- acuum er ice** ot Recommended

Series Universal Couplers & Series

Female Thread		Part o	i e	FPT	Description
		B-2UF2-B	1/4"	1/4"	Brass
		DW340A			Steel
		DW360A			Steel
		DW440A	3/8" *	1/4"	Steel
		DW460A			Steel

Male Thread		Part o	i e	PT	Description
		B-2UM2-B	1/4"	1/4"	Brass
		DW341A			Steel
		DW361A			Steel
		DW441A	3/8" *	1/4"	Steel
		DW461A			Steel

Hose tem		Part o	i e	PT	Description
		DW342A	1/4"	1/4"	Steel
		DW362A		3/8"	Steel

Requires Hose Clamps (See page 126 for typical hose clamps)

* 3/8" size accept industrial interchange and "J" series (Tru-Flate) plugs only.



Industrial Interchange Couplers

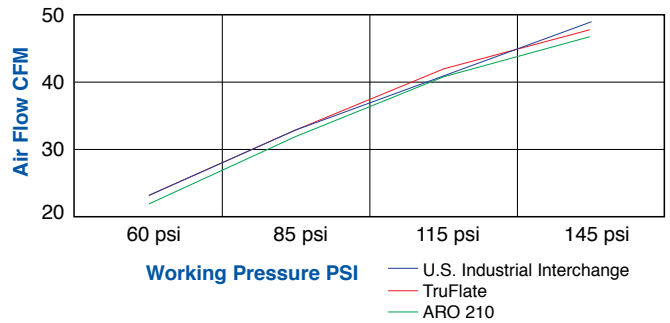
- Maximum Psig** 215 psig (14.8 bar)
- Media** Compressed Air
- Seal Material** Buna-N
- Temperature Range** 20° to 180°F (-6.6° to 82°C)
- Body Material** Chrome-Plated Steel
- Number of Balls** 6



- Series**
 - Series
 - Series
 - Series
- AR Series**
 - Series
 - Series
 - Series

Air Flow Chart

	Cubic Feet per Minute Flow Rates			
	23 psig	33 psig	41 psig	49 psig
Industrial Interchange (MIL-C4109-F)	23	33	41	49
TruFlate (Automotive)	23	33	42	48
AR	22	32	41	47



Series Inverted Couplers Foster

Female Thread	Part No	Size	FPT	Description
				USV3003

Male Thread	Part No	Size	PT	Description
				USV3103

1

Insert the male coupler into the female coupler.

2

Push the couplers together until they lock.

3

Pull the couplers apart to disconnect.

4

The couplers are fully separated.



Foster SV and SVPC Series Safety Vent couplings are designed for maximum user and equipment safety. Foster SV and SVPC Series couplings allow for safe and easy connection/disconnection under zero line pressure to minimize the possibility of inadvertent disconnection and potential hose whip.

The fully encapsulated non-marring models significantly reduce the risk of surface nicks and scratches. Ideal for use in paint booth applications or for air lines used around finished surfaces, such as fiberglass, painted metal or glass surfaces.

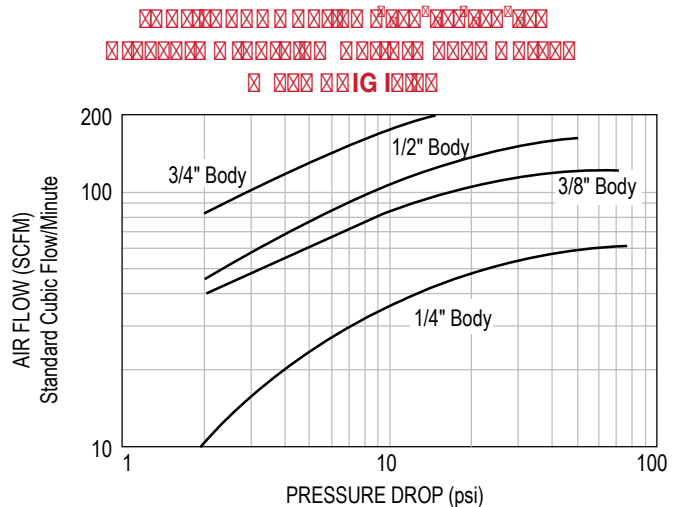
Key Features:

- ☑ Made in the USA
- ☑ Rubber or polyurethane hose connections available
- ☑ Extra thick heat-treated steel walls extend service life
- ☑ Zero pressure connect/disconnect design vents down stream pressure for safe, easy connect/disconnect. It also minimizes possible inadvertent disconnection and potentially dangerous hose whip
- ☑ "O-ring" plug seal for leak-free performance
- ☑ No valve, spring, or washer that could block flow of air.
- ☑ Silicone-free assembly.
- ☑ Meets ISO 4414, 9.6 Quick-Action Couplings requirements:
 - Quick-Action (quick release) couplings shall be selected so that when they are coupled or uncoupled
 - a) the coupling shall not be forced apart in a hazardous manner
 - b) compressed air particles shall not be expelled in a hazardous manner
 - c) a controlled pressure-release system shall be provided where a hazard may exist.

Specifications:

- ☑ Zinc-plated steel, Acetal Copolymer outside cover, Steel internals
- ☑ Buna-N
- Working Pressure:** 300 PSIG; vacuum to 26"Hg
- Thread:** 1/4" to 3/4" Industrial Interchange Design
- Hose Barb:** 1/4" to 1" NPT; 1/4" to 3/4" Hose Barb
- Compliance:** Complies with ANSI/NFPA T3.20.14-1990, ISO 6150-B, & ISO 4414
Industrial Interchange profile, Series 3 – 6, pages &
- Rating:** 300 psig
- Temperature:** 0° to +150° F
- Material:** Stainless Steel Balls
- Weight:** Less than 10 lbs

Performance:





Insert Plug Output is Zero Pressure

① Make sure sleeve is fully retracted to allow insertion of the plug. Output pressure is zero at this point.

Plug is Locked in Place Now Restore Output Pressure

② Make sure sleeve is fully extended to allow pressure on the output plug

System Under Pressure Both source and Output

③

Remove Pressure From Output -- Acts as a Shut-Off Valve --

④ Twist grip up & slide back to release pressure
Vent Holes release pressure to eliminate "Hose Whip", and make the coupler "Self Cleaning"
Output Pressure is Released

Remove Plug Output Pressure is Automatically Zero

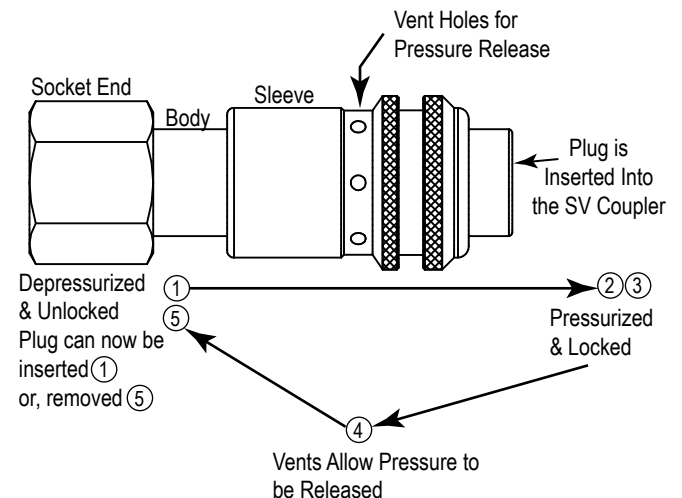
⑤ When Output=0 pressure turn slightly down & forward to allow release. Coupler automatically prevents this action if pressure not yet released
Since output pressure is zero, and coupler is in release position, Plug can be removed

SV and SVPC Series Safety Vent couplers are nearly effortless to connect and great for hose use. They are also especially useful for single-hand operation when they are mounted to hard lines such as an overhead air drop.

Once inserted into the SV or SVPC socket, the plug is lightly gripped and will stay in place allowing the operator to use the same hand to slide the sleeve straight forward to the "on" position.


SV or SVPC Series sockets can also be used as a 3-way valve to turn off the flow of air and exhaust the downstream pressure without disengaging the plug. By turning and sliding the sleeve to the "exhaust" position, downstream air pressure is relieved but the plug remains locked in place.


Foster SV or SVPC Series couplers are the ultimate solution to accidental disconnect hose whip dangers.








PC Series Safety Couplers Industrial Interchange Foster

Female Pipe Thread		Part No	Body	FPT	Description
		SV3003	1/4"	1/4"	Steel Safety Coupler,
		SV3203		3/8"	
		SV4004	3/8"	1/4"	
		SV4204		3/8"	
		SV4404		1/2"	
		SV5005	1/2"	3/8"	
		SV5205		1/2"	
		SV5405		3/4"	
		SV6406	3/4"	3/4"	
		SV6606		1"	


Female Pipe Thread with Protective Cover		Part No	Body	FPT	Description
		SVPC3003	1/4"	1/4"	Steel with Protective Covered Body*
		SVPC3203		3/8"	
		SVPC4004	3/8"	1/4"	
		SVPC4204		3/8"	
		SVPC4404		1/2"	
		SVPC5005	1/2"	3/8"	
		SVPC5205		1/2"	
		SVPC5405		3/4"	
		SVPC6406	3/4"	3/4"	

Male Pipe Thread		Part No	Body	PT	Description
		SV3103	1/4"	1/4"	Steel Safety Coupler,
		SV3303		3/8"	
		SV4104	3/8"	1/4"	
		SV4304		3/8"	
		SV4504		1/2"	
		SV5105	1/2"	3/8"	
		SV5305		1/2"	
		SV5505		3/4"	
		SV6506	3/4"	3/4"	
		SV6706		1"	


Male Pipe Thread with Protective Cover		Part No	Body	PT	Description
		SVPC3103	1/4"	1/4"	Steel with Protective Covered Body*
		SVPC3303		3/8"	
		SVPC4104	3/8"	1/4"	
		SVPC4304		3/8"	
		SVPC4504		1/2"	
		SVPC5105	1/2"	3/8"	
		SVPC5305		1/2"	
		SVPC5505		3/4"	
		SVPC6506	3/4"	3/4"	
		SVPC6706		1"	

Hose Bar		Part No	Body	Hose ID	Description
		SV3603	1/4"	1/4"	Steel, Safety Coupler
		SV3703		3/8"	
		SV4604	3/8"	1/4"	
		SV4804		3/8"	
		SV4904		1/2"	
		SV5705	1/2"	3/8"	
		SV5805		1/2"	
		SV5905		3/4"	
		SV6906	3/4"	3/4"	


Requires Hose Clamp (See page 126 for typical hose clamps)

Hose Bar with Protective Cover		Part No	Body	Hose ID	Description
		SVPC3603	1/4"	1/4"	Steel with Protective Covered Body*
		SVPC3703		3/8"	
		SVPC4604	3/8"	1/4"	
		SVPC4804		3/8"	
		SVPC4904		1/2"	
		SVPC5705	1/2"	3/8"	
		SVPC5805		1/2"	
		SVPC5905		3/4"	
		SVPC6906	3/4"	3/4"	

Requires Hose Clamp (See page 126 for typical hose clamps)

Push-On Hose End		Part No	Body	Hose ID	Description
		SV1513	1/4"	1/4"	Steel, Safety Coupler
		SV1713		3/8"	
		SV1714	3/8"	3/8"	
		SV1814		1/2"	
		SV1815	1/2"	1/2"	

Hose clamps not required when used with "Push On" hose. See page 115.


Push-On Hose End with Protective Cover		Part No	Body	Hose ID	Description
		SVPC1513	1/4"	1/4"	Steel with Protective Covered Body*
		SVPC1713		3/8"	
		SVPC1714	3/8"	3/8"	
		SVPC1814		1/2"	
		SVPC1815	1/2"	1/2"	

Hose clamps not required when used with "Push On" hose. See page 115.




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PC Series Safety Couplers Industrial Interchange Foster

Hose Bar		Part no	Body	Hose ID	Description
		SVPCA62.R	3/8"	3/8"	Fully Protective Cover*, for Rubber Hose
		SVPCA62.P			Fully Protective Cover*, for Poly Hose
		SVPC262.R	1/2"	3/8"	Fully Protective Cover*, for Rubber Hose
		SVPC262.P			Fully Protective Cover*, for Poly Hose
Requires Hose Clamp (See page 126 for typical hose clamps)					

* All SV, SVPC Sockets feature a Silicone-free assembly.

Hose Bar with strain Relief		Part no	Body	Hose ID	Description
		SVPCA66.R	3/8"	3/8"	Fully Protective Cover*, w/Strain Relief for Rubber Hose
		SVPCA66.P			Fully Protective Cover*, w/Strain Relief for Poly Hose
		SVPC266.R	1/2"	3/8"	Fully Protective Cover*, w/Strain Relief for Rubber Hose
		SVPC266.P			Fully Protective Cover*, w/Strain Relief for Poly Hose
Requires Hose Clamp (See page 126 for typical hose clamps)					

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5 Series Coaxial Plug Coupler Foster


Female Thread Coupler		Part no	ID	Description
		SV5205CA	1/2"	Steel, Safety Coupler


Male Thread Plug		Part no	ID	Description
		54-5CA	1/2"	Steel

Male Thread Coupler		Part no	ID	Description
		SV5305CA	1/2"	
		SV5505CA	3/4"	

6 Series Coaxial Plug Coupler Foster

Female Thread Coupler		Part no	ID	Description
		SV6406CA	3/4"	Steel, Safety Coupler

Male Thread Plug		Part no	ID	Description
		64-6CA	1/2"	
66-6CA	3/4"	Steel		

Male Thread Coupler		Part no	ID	Description
		SV6506CA	3/4"	Steel, Safety Coupler

Brand - Designates **F**=Foster or **B**=Breco Part
Foster Engineering Catalog

* All SV, SVPC Sockets feature a Silicone-free assembly.
See pages 159 - 160 for full size templates



Series Safety Vent Couplers Foster

Series Safety Vent Couplers Foster

Female Thread		Part no	FPT	Description
		SV210-3003	1/4"	Steel, Safety Coupler
		SV210-3203	3/8"	

Male Thread		Part no	PT	Description
		SV210-3103	1/4"	Steel, Safety Coupler
		SV210-3303	3/8"	

Hose tem		Part no	ID	Description
		SV210-3603	1/4"	Steel, Safety Coupler
		SV210-3703	3/8"	

Requires Hose Clamp (See page 126 for typical hose clamps)

Push-on Hose tem		Part no	ID	Description
		SV210-1513	1/4"	Steel, Safety Coupler
		SV210-1713	3/8"	

Hose clamps not required when used with "Push On" hose. See page 115.



Series Safety Vent Couplers Foster

Series Safety Vent Couplers Foster:

- Industrial Interchange, Pneumatic Application
- Anodized Aluminum Body for long life
- Swivel body to keep hose untangled
- Push twice for release. First push vents, second releases
- Button, Valve & Venting Ring: Hardened zinc plated steel
- springs Balls** Stainless Steel
- ISO 4414 Norm
- Flow capacity** 37SCFM (at 90 psig with connected insert)
- ax wor ing pressure** 175 psig (safety factor 4:1)
- Recommended or ing Temperature** 0° to 160°F

Push Button Safety Vent Series Foster

Female Pipe Thread Industrial Interchange		Part no	ie	Description
		SPB3003	1/4"	1/4" Body, Safety Push Button

Male Pipe Thread Industrial Interchange		Part no	PT	Description
		SPB3103	1/4"	1/4" Body, Safety Push Button

Brand - Designates **F**=Foster or **B**=Breco Part

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Introduction

Foster FJT Series couplers are designed to connect coolant lines to plastic molds and die casting dies. FJT Series plugs are mounted in the mold. They can be threaded directly into the mold coolant ports or recessed into the mold for a flush surface during storage. Sockets have hose stems, either standard hose or "Push-on" type, for direct connection to the coolant line going to the manifold. Seal compound is silicone for use with water, ethylene glycol, or air.

FP251-352: Straight-Thru, One Way or Two Way

FP253-554: DME Jiffy-Tite and Jiffy-Matic and Parker Moldmate couplers

FP253-554: **anual** – Socket sleeve must be manually retracted to connect and disconnect

FP253-554:

Ball Loc BL - Locks manual socket against accidental disconnect. To connect, align ball with slot.

After connection, rotate sleeve to lock.

To disconnect, realign ball with slot and retract sleeve.

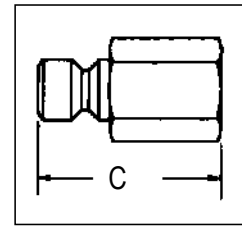
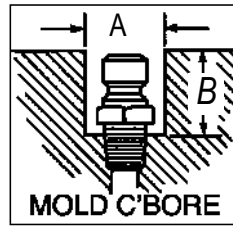
FP253-554:

- ☒ Precision leakproof seal is silicone
- ☒ Two piece construction on straight stem sockets
- ☒ Double knurl on socket sleeve for easier grip
- ☒ Sockets have six balls.

FP253-554:

FP253-554 R: -90° to +440° F

FP253-554 R: 200 PSIG

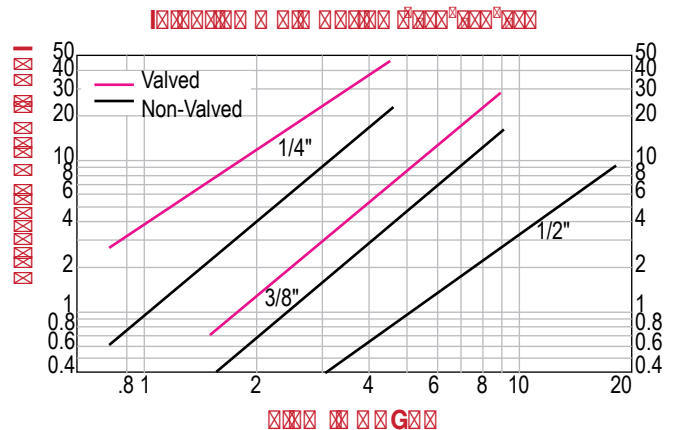


Cat o	PT	A	B	C
FP251 (F)	1/8	0.687	0.687	1.000
FP252 (F)	1/4	0.843	0.937	1.278
FP352 (F)		1.000	1.092	1.450
FP253	3/8	1.000	0.937	1.373
FP253 (F)		1.000	1.125	1.574
FP353 (F)			1.187	1.250
FP354	1/2	1.250	1.500	1.750
FP554 (F)		1.500	1.562	1.750
FP556 (F)	3/4			

(F) – Suffix F for female pipe thread


Per ormance Data		Flow
		Water – GPM 10 PSIG Pressure Drop
FJT 1/4"	Straight-Thru	4.5
FJT 1/4" V	One Way (valved)	2.3
FJT 3/8"	Straight-Thru	10.0
FJT 3/8" HF	High Flow	13.8
FJT 3/8" V	One Way (valved)	5.9
FJT 1/2"	Straight-Thru	28.2


FP253-554:








Foster Series Valve Fittings


straight Hose tem		Part o	ID	Description
		FS204V	1/4"	Brass
		BLFS204V		Ball Lock, Brass, Valved
		FS205V	5/16"	Brass
		BLFS205V		Ball Lock, Brass, Valved
		FS206V	3/8"	Brass
BLFS206V	Ball Lock, Brass, Valved			
Requires Hose Clamp (See page 126 for typical hose clamps)				


straight Push- n Hose tem		Part o	ID	Description
		FS204VP	1/4"	Brass
		BLFS204VP		Ball Lock, Brass, Valved
		FS206VP	3/8"	Brass
Hose clamps not required when used with "Push On" hose. See page 115.				

Hose tem		Part o	ID	Description
		FS214V	1/4"	Brass
		BLFS214V		Ball Lock, Brass
		FS215V	5/16"	Brass
		BLFS215V		Ball Lock, Brass
		FS216V	3/8"	Brass
BLFS216V	Ball Lock, Brass			
Requires Hose Clamp (See page 126 for typical hose clamps)				

Push- n Hose tem		Part o	ID	Description
		FS214VP	1/4"	Brass
		BLFS214VP		Ball Lock, Brass
		FS216VP	3/8"	Brass
		BLFS216VP		Ball Lock, Brass
		Hose clamps not required when used with "Push On" hose. See page 115.		

Hose tem		Part o	ID	Description
		FS224V	1/4"	Brass
		BLFS224V		Ball Lock, Brass
		FS225V	5/16"	Brass
		BLFS225V		Ball Lock, Brass
		FS226V	3/8"	Brass
BLFS226V	Ball Lock, Brass			
Requires Hose Clamp (See page 126 for typical hose clamps)				


Push- n Hose tem		Part o	ID	Description
		FS224VP	1/4"	Brass
		BLFS224VP		Ball Lock, Brass, Valved
		FS226VP	3/8"	Brass
		BLFS226VP		Ball Lock, Brass, Valved
		Hose clamps not required when used with "Push On" hose. See page 115.		


oc et w o tem		Part o	FPT	Description
		FS200V	1/8"	Brass Valved
		BLFS200V		Ball Lock, Brass





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F Series Straight Fittings Foster


Straight Hose Term		Part No	ID	Description
		FS306	3/8"	Brass
		BLFS306		Ball Lock, Brass
		FS308	1/2"	Brass
		BLFS308		Ball Lock, Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				


Straight Push-on Hose Term		Part No	ID	Description
		FS306P	3/8"	Brass
		BLFS306P		Ball Lock, Brass
		FS308P	1/2"	Brass
		BLFS308P		Ball Lock, Brass
Hose clamps not required when used with "Push On" hose. See page 115.				

Hose Term		Part No	ID	Description
		FS316	3/8"	Brass
		BLFS316		Ball Lock, Brass
		FS318	1/2"	Brass
		BLFS318		Ball Lock, Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				

Push-on Hose Term		Part No	ID	Description
		FS316P	3/8"	Brass
		BLFS316P		Ball Lock, Brass
		FS318P	1/2"	Brass
		BLFS318P		Ball Lock, Brass
Hose clamps not required when used with "Push On" hose. See page 115.				

Hose Term		Part No	ID	Description
		FS326	3/8"	Brass
		BLFS326		Ball Lock, Brass
		FS328	1/2"	Brass
		BLFS328		Ball Lock, Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				

Push-on Hose Term		Part No	ID	Description
		FS326P	3/8"	Brass
		BLFS326P		Ball Lock, Brass
		FS328P	1/2"	Brass
		BLFS328P		Ball Lock, Brass
Hose clamps not required when used with "Push On" hose. See page 115.				

Socket w/o Term		Part No	FPT	Description
		FS300	1/4"	Brass
		BLFS300		Ball Lock, Brass

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FS Series Two Way Valved sockets Foster

straight Hose tem		Part o	ID	Description
		FS306V2	3/8"	Brass
		BLFS306V2		Ball Lock, Brass
		FS308V2	1/2"	Brass
		BLFS308V2		Ball Lock, Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				

straight Push- n Hose tem		Part o	ID	Description
		FS306VP2	3/8"	Brass
		BLFS306VP2		Ball Lock, Brass
		FS308VP2	1/2"	Brass
		BLFS308VP2		Ball Lock, Brass
Hose clamps not required when used with "Push On" hose. See page 115.				

Hose tem		Part o	ID	Description
		FS316V2	3/8"	Brass
		BLFS316V2		Ball Lock, Brass
		FS318V2	1/2"	Brass
		BLFS318V2		Ball Lock, Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				

Push- n Hose tem		Part o	ID	Description
		FS316VP2	3/8"	Brass
		BLFS316VP2		Ball Lock, Brass
		FS318VP2	1/2"	Brass
		BLFS318VP2		Ball Lock, Brass
Hose clamps not required when used with "Push On" hose. See page 115.				

Hose tem		Part o	ID	Description
		FS326V2	3/8"	Brass
		BLFS326V2		Ball Lock, Brass
		FS328V2	1/2"	Brass
		BLFS328V2		Ball Lock, Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				

Push- n tem		Part o	ID	Description
		FS326VP2	3/8"	Brass
		BLFS326VP2		Ball Lock, Brass
		FS328VP2	1/2"	Brass
		BLFS328VP2		Ball Lock, Brass
Hose clamps not required when used with "Push On" hose. See page 115.				

oc et w o Hose tem		Part o	FPT	Description
		FS300V2	1/4"	Brass
		BLFS300V2		Ball Lock, Brass,

ale Thread		Part o	ie	PT	Description
		FP353V	3/8"	3/8"	Brass, Valved Plug, for Two Way sockets

FS Series High Flow straight thru sockets Foster

straight Hose tem		Part o	ID	Description
		FS308HF	1/2"	Brass
		BLFS308HF		Ball Lock, Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				

straight Push- n Hose tem		Part o	ID	Description
		FS308HFP	1/2"	Brass
		BLFS308HFP		Ball Lock, Brass
Hose clamps not required when used with "Push On" hose. See page 115.				

Hose tem		Part o	ID	Description
		FS318HF	1/2"	Brass
		BLFS318HF		Ball Lock, Brass
Requires Hose Clamp (See page 126 for typical hose clamps)				

Push- n Hose tem		Part o	ID	Description
		FS318HFP	1/2"	Brass
		BLFS318HFP		Ball Lock, Brass
Hose clamps not required when used with "Push On" hose. See page 115.				


oc et w o Hose tem		Part o	FPT	Description
		FS300HF	3/8"	Brass High Flow
		BLFS300HF		Ball Lock, Brass, High Flow

See page 158 for full size templates
Brand - Designates **F**=Foster or **B**=Breco Part


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Series Straight and Push-On Fittings Foster

Straight Hose Fitting		Part No	ID	Description
		FS504	1/2"	Brass
		BLFS504		Ball Lock, Brass
		FS506	3/4"	Brass
		BLFS506		Ball Lock, Brass


Requires Hose Clamp (See page 126 for typical hose clamps)

Straight Push-On Hose Fitting		Part No	ID	Description
		FS504P	1/2"	Brass
		BLFS504P		Ball Lock, Brass
		FS506P	3/4"	Brass
		BLFS506P		Ball Lock, Brass


Hose clamps not required when used with "Push On" hose. See page 115.

Hose Fitting		Part No	ID	Description
		FS514	1/2"	Brass
		BLFS514		Ball Lock, Brass
		FS516	3/4"	Brass
BLFS516	Ball Lock, Brass			


Requires Hose Clamp (See page 126 for typical hose clamps)

Push-On Hose Fitting		Part No	ID	Description
		FS514P	1/2"	Brass
		BLFS514P		Ball Lock, Brass
		FS516P	3/8"	Brass
BLFS516P	Ball Lock, Brass			


Hose clamps not required when used with "Push On" hose. See page 115.

Hose Fitting		Part No	ID	Description
		FS524	1/2"	Brass
		BLFS524		Ball Lock, Brass
		FS526	3/4"	Brass
BLFS526	Ball Lock, Brass			


Requires Hose Clamp (See page 126 for typical hose clamps)


Push-On Hose Fitting		Part No	ID	Description
		FS524P	1/2"	Brass
		BLFS524P		Ball Lock, Brass
		FS526P	3/4"	Brass
BLFS526P	Ball Lock, Brass			


Hose clamps not required when used with "Push On" hose. See page 115.

Socket w/o Hose Fitting		Part No	FTP	Description
		FS500	1/2"	Brass
		BLFS500		Ball Lock, Brass

Series Plugs and Extension Plugs Foster

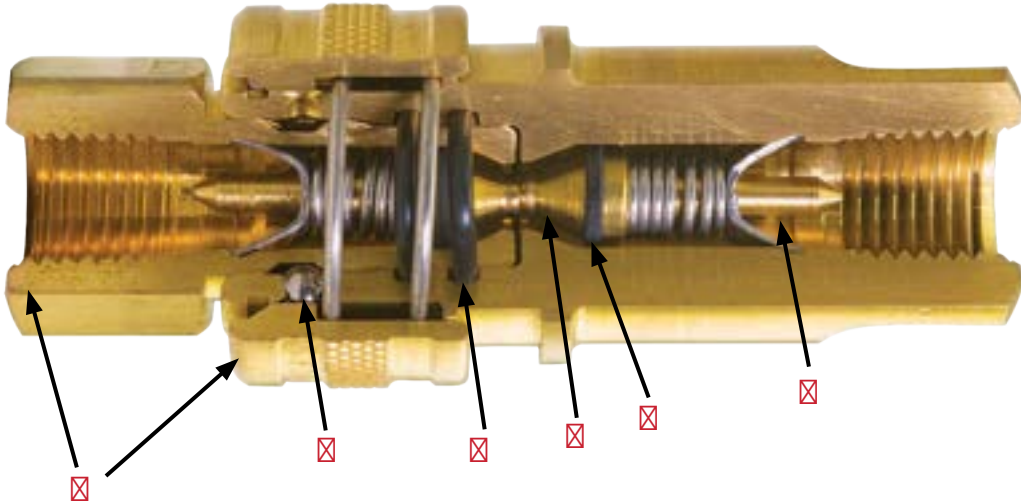
Female Thread		Part No	ID	FPT	Description
		FP251F	1/4"	1/8"	Steel
		FP251FB			Brass
		FP252F			Steel
		FP252FB	3/8"	1/4"	Brass
		FP253F			Steel
		FP352F	3/8"	1/4"	Steel
		FP352FB			Brass
		FP353F			Steel
		FP353FB	1/2"	3/8"	Brass
		FP554F			Steel
FP556F	1/2"	3/4"	Steel		

Male Thread		Part No	ID	PT	Description
		FP251	1/4"	1/8"	Brass
		FP252			Brass
		FP252S			Steel
		FP253	3/8"	1/4"	Brass
		FP351			Brass
		FP352	3/8"	1/4"	Brass
		FP352S			Steel
		FP353			Brass
		FP354	1/2"	1/2"	Brass
		FP554			Brass
FP556	1/2"	3/4"	Brass		

Male Extension Plug		Part No	ID	Pipe ID	Description	
		FP251X	1/4"	1/8"	Call with length, material, and thread requirements	
		FP252X				1/4"
		FP253X				3/8"
		FP352X	3/8"	1/4"	Lengths available: 2.5" - 13"	
		FP353X				3/8"
		FP354X	1/2"	1/2"	To Order: Add length to part number: i.e. FP251x2.5	
FP554X	1/2"					

See page 158 for full size templates

Brand - Designates **F**=Foster or **B**=Bresco Part



- ☒ ISO B in steel has hardened plugs and sleeves constructed from solid bar stock ensures long service life and maximum resistance to damage from hydraulic and mechanical shock.
- ☒ Captive valve seal ensures “bubble tight” poppet sealing since seal is positively captured by the metal poppet to minimize seal washout or damage from high fluid velocity.
- ☒ High flow capacity.
- ☒ Ball locking mechanism ensures reliable connections every time. Many ball bearings distribute the load while providing alignment and excellent swiveling action to reduce hose torque and prolong hose life.
- ☒ Foster’s conical valve with its 360° metal to metal valve stop maintains valve alignment and ensures that poppets open fully every time.
- ☒ Broad range of metals and seal materials allow the use of most fluids.

Performance Data								
Body Size	Rated Pressure Coupled psig on hoc er ice			Air Flow CF				il Flow GP MIL-H5606-125°F Pressure Drop
				P IG		P IG		
				Pressure Drop P IG				
	teel	Brass	tainless teel					P IG
1/8"	4,000	3000	5000	22	17	20	15	1.8
1/4"	3,700	2700	3700	32	22	29	20	3.6
3/8"	3,700	2200	3700	58	42	53	38	6.7
1/2"	5,000	2250	4250	130	88	118	80	11.0
3/4"	4,000	2000	3500	305	207	277	188	26.3
1"	4,000	1500	3000	372	252	338	229	31.8



FKH Series sockets: FHK Series sockets incorporate valves in both socket and plug halves to prevent fluid loss when the socket is disconnected. These sockets are normally referred to as "hydraulic couplings", but they are used extensively with other media where objectionable.

Rated pressures: 27" Hg. maximum Rated pressures as defined by ANSI/B93.2-1986 based on 4:1 Safety Factor and non-shock service.

Two-Way Shutoff: FHK, Two-Way Shutoff, Both socket and plug are sealed at disconnect.

Interchange design: Standard, most widely used, industrial interchange design. Within each series, only sockets and plugs of the same size will couple together. Compatible with ISO 7241-1, Series B.

Manual - Socket sleeve: Manual - Socket sleeve must be manually retracted to connect and disconnect.

Connect and disconnect at zero pressure or personal safety and maximum product life

Standard seals: Standard seals are Buna-N.

Valve Actuator:

- ☑ **One Way Shut-Off**: Add suffix VA to either socket or plug catalog number for valve actuator.
- ☑ **Straight-Thru**: Add suffix LV to both socket and plug catalog number for less valve.
- ☑ **Ball Lock (BL)**: Locks against accidental disconnect. To connect, align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve.

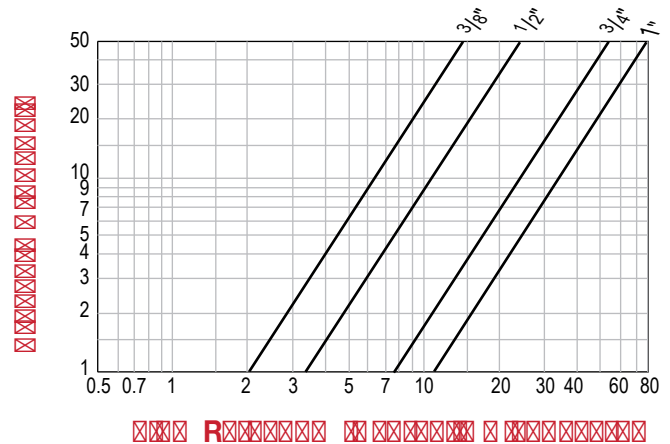
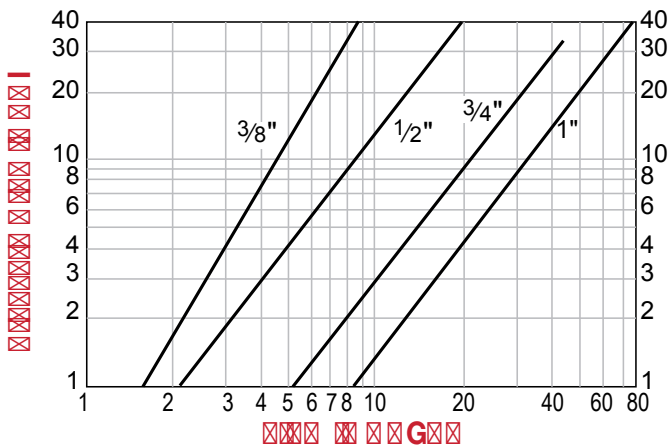
Material Options:

FHK Series couplings are available in RoHS compliant plated steel, brass, and 303/316 Stainless as standard. Brass couplings have double O-Ring seals (excluding 1/8") and stainless locking balls. Standard seals are Buna-N (Nitrile). Consult factory for optional seals.

All sizes can be furnished with locking sleeves designated by "BL" (Ball Lock) prefix after regular catalog numbers.


Pressure Ratings:


Working Pressure: 27" Hg.
Rated Pressure: 27" Hg.





FH Series Two Way Outlet Pumps and Fittings

oc ets		Part o	Brand	Thread	Description
		H1S	F		
1DSF1-S	B			Steel	
H1S-101	F			Steel w/Viton Seal	
H1B	F			Brass	
1DSF1-B	B			Brass	
H1B-101	F			Brass, w/Viton Seal	
1DSF1-B-Y	B			Brass, w/Viton Seal	
H1B-103	F		1/8"	Brass, w/Ethylene Propylene Seal	
H1BLV				Brass Less Valve	
H1S/S	F			303 Stainless	
1DSF1-SS	B			303 Stainless	
H1S/S-101				303 Stainless, w/Viton Seal	
H1S/S-104	F			303 Stainless, w/Silicone Seal	
BLH1S				Steel Ball Lock	
BLH1B				Brass Ball Lock	
BLH1S/S				303 Stainless Ball Lock	
H1S4	F		7/16-20*	Steel	
BLH1S4				Steel Ball Lock	

Plugs		Part o	Brand	Thread	Description
		K1S	F		
DS1F1-S	B			Steel	
K1S-101	F			Steel w/Viton Seal	
K1B	F			Brass	
DS1F1-B	B		1/8"	Brass	
K1B-101	F			Brass, w/Viton Seal	
K1B-103	F			Brass, w/EPDM Seal	
K1BLV				Brass Less Valve	
K1S/S	F			303 Stainless	
DS1F1-SS	B			303 Stainless	
K1S/S-101	F			303 Stainless, w/Viton Seal	
K1S4	F		7/16-20*	Steel	

Brand - Designates **F**=Foster or **B**=Breco Part



*SAE straight thread O-ring seal boss
See page 161 for full size templates
See pages 149 - 150 for optional seal compounds



FH Series Two Way Outfitting Plugs and Fittings

Part No	Brand	Thread	Description
H2S	F	1/4"	Steel
2DSF2-S	B		Steel
H2S-101	F		Steel w/Viton Seal
2DSF2-SY	B		Steel w/Viton Seal
H2S-103	F		Steel w/EPDM Seal
H2S-104			Steel w/Silicone Seal
H2B	B		Brass
2DSF2-B			Brass
H2B-101	F		Brass, w/Viton Seal
2DSF2-BY	B		Brass, w/Viton Seal
H2B-102	F		Brass, w/Neoprene Seal
H2B-103			Brass, w/EPDM Seal
H2BLV			Brass Less Valve
H2S/S	F		303 Stainless
2DSF2-SS	B		303 Stainless
2DSF2-SS316	B		316 Stainless Steel
H2S/S316	F		316 Stainless Steel
H2S/S-101	F		303 Stainless, w/Viton Seal
H2S/S316-101			316 Stainless, w/Viton Seal
H2S/S-103			303 Stainless, w/EPDM Seal
H2S/S-104		303 Stainless, w/Silicone Seal	
H2S/SLV		303 Stainless Less Valve	
BLH2S		Steel Ball Lock	
BLH2B		Brass Ball Lock	
2DSF2-S-SL	B	Steel Sleeve Lock	
2DSF2-B-SL		Brass Sleeve Lock	
2DSF2-SS-SL		303 Stainless Sleeve Lock	
2DSF2-BY-SL		Brass, w/Viton Seal Sleeve Lock	
BLH2S/S	F	303 Stainless Ball Lock	
H2S6	F	1/16-18"	Steel
BLH2S6		Steel Ball Lock	



Part No	Brand	Thread	Description
K2S	F	1/4"	Steel
DS2F2-S	B		Steel
K2S-101	F		Steel w/Viton Seal
K2S-103			Steel w/EPDM Seal
K2S-104			Steel w/Silicone Seal
K2SLV			Steel Less Valve
K2B	F		Brass
DS2F2-B	B		Brass
K2B-101	F		Brass, w/Viton Seal
K2B-102			Brass, w/Neoprene Seal
K2B-103			Brass, w/EPDM Seal
K2B-104			Brass, w/Silicone Seal
K2BLV	F		Brass Less Valve
K2S/S	F		303 Stainless
DS2F2-SS	B		303 Stainless
K2S/S316	F		316 Stainless Steel
DS2F2-SS316	B		316 Stainless Steel
K2S/S-101	F		303 Stainless, w/Viton Seal
K2S/S316-101			316 Stainless, w/Viton Seal
K2S/S-103			303 Stainless, w/EPDM Seal
K2S/S-104		303 Stainless, w/Silicone Seal	
K2S/SLV	F	303 Stainless Less Valve	
K2S6	F	1/16-18"	Steel



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Brand - Designates **F**=Foster or **B**=Breco Part
Foster Engineering Catalog

*SAE straight thread O-ring seal boss
See page 161 for full size templates
See pages 149 - 150 for optional seal compounds



FH Series Two Way Outfit Plugs and Lockets

oc ets	Part o	Brand	Thread	Description
	H3S	F	3/8"	Steel
	3DSF3-S	B		Steel
	H3S-101	F		Steel w/Viton Seal
	H3S-102			Steel w/Neoprene Seal
	H3S-103			Steel w/EPDM Seal
	H3S-104			Steel w/Silicone Seal
	H3B	B		Brass
	3DSF3-B			Brass
	H3B-101	F		Brass, w/Viton Seal
	3DSF3-BY	B		Brass, w/Viton Seal
	H3B-102	F		Brass, w/Neoprene Seal
	H3B-103			Brass, w/Ethylene Propylene Seal
	H3B-104			Brass, w/Silicone Seal
	H3S/S			F
	3DSF3-SS	B		303 Stainless
	H3S/S316	F		316 Stainless Steel
	3DSF3-SS316	B		316 Stainless Steel
	H3S/S-101	F		303 Stainless, w/Viton Seal
	H3S/S316-101			316 Stainless, w/Viton Seal
	BLH3S			Steel Ball Lock
	BLH3B			Brass Ball Lock
	BLH3S/S	B		303 Stainless Ball Lock
	3DSF3-SS-SL			303 Stainless Sleeve Lock
	BLH3S/S316	F		316 Stainless Ball Lock
	H3S8	F		Steel
	BLH3S8			Steel Ball Lock

Plugs	Part o	Brand	Thread	Description
	K3S	F	3/8"	Steel
	DS3F3-S	B		Steel
	K3S-101	F		Steel w/Viton Seal
	K3S-102			Steel w/Neoprene Seal
	K3S-103			Steel w/EPDM Seal
	K3S-104			Steel w/Silicone Seal
	K3SLV	F		Steel Less Valve
	K3B			Brass
	DS3F3-B	B		Brass
	K3B-101	F		Brass, w/Viton Seal
	K3B-102			Brass, w/Neoprene Seal
	K3B-103			Brass, w/EPDM Seal
	K3S/S			F
	DS3F3-SS	B		303 Stainless
	K3S/S316	F		316 Stainless Steel
	DS3F3-SS316	B		316 Stainless Steel
	K3S/S-101	F		303 Stainless, w/Viton Seal
	K3S/S316-101			316 Stainless, w/Viton Seal
	K3S/S-103			303 Stainless, w/EPDM Seal
	K3S8			F

Brand - Designates **F**=Foster or **B**=Breco Part

*SAE straight thread O-ring seal boss
See page 161 for full size templates
See pages 149 - 150 for optional seal compounds

www.foster-mfg.com



FH Series Two Way Outfitting Plugs and Coets

OC ets	Part o	Brand	Thread	Description
	H4S	F	1/2"	Steel
	4DSF4-S	B		Steel
	H4S-101	F		Steel w/Viton Seal
	4DSF4-SY	B		Steel w/Viton Seal
	H4S-103	F		Steel w/EPDM Seal
	H4B	F		Brass
	4DSF4-B	B		
	H4B-101	F		
	H4B-102	F		Brass, w/Neoprene Seal
	H4B-103	F		Brass, w/Ethylene Propylene Seal
	H4S/S	F		303 Stainless
	4DSF4-SS	B		
	H4S/S316	F		316 Stainless Steel
	4DSF4-SS316	B		
	H4S/S-101	F	303 Stainless, w/Viton Seal	
	H4S/S316-101		316 Stainless, w/Viton Seal	
	H4S/S-103		303 Stainless, w/EPDM Seal	
	BLH4S		Steel Ball Lock	
	BLH4B	Brass Ball Lock		
	BLH4S/S	303 Stainless Ball Lock		
BLH4S/S316	316 Stainless Ball Lock			
H4S10	F	7/8-14*	Steel	
BLH4S10			Steel Ball Lock	

Plugs	Part o	Brand	Thread	Description
	K4S	F	1/2"	Steel
	DS4F4-S	B		Steel
	K4S-101	F		Steel w/Viton Seal
	K4S-103			Steel w/EPDM Seal
	K4SLV			Steel Less Valve
	K4B	F		Brass
	DS4F4-B	B		
	K4B-101	Brass, w/Viton Seal		
	K4B-102	F		Brass, w/Neoprene Seal
	K4B-103			Brass, w/EPDM Seal
	K4BLV	F		Brass Less Valve
	K4S/S	F		303 Stainless
	DS4F4-SS	B		
	K4S/S316	F		316 Stainless Steel
	DS4F4-SS316	B		
	K4S/S-101	F	303 Stainless, w/Viton Seal	
	K4S/S316-101		316 Stainless, w/Viton Seal	
	K4S/S-103		303 Stainless, w/EPDM Seal	
	K4S/SLV		303 Stainless Less Valve	
	K4S10	F	7/8-14*	Steel

Brand - Designates **F**=Foster or **B**=Breco Part
Foster Engineering Catalog

*SAE straight thread O-ring seal boss
See page 161 for full size templates
See pages 149 - 150 for optional seal compounds

WARNING: Cancer and Reproductive Harm Warning. For more information go to www.P65Warnings.ca.gov.

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FH Series Two Way Outfitting Plugs and Lockets

oc ets		Part o	Brand	Thread	Description
		H6S	F		
6DSF6-S	B			Steel	
H6S-101	F			Steel w/Viton Seal	
H6S-102	F			Steel w/Neoprene Seal	
H6S-103	F			Steel w/EPDM Seal	
H6SLV	F			Steel Less Valve	
H6B	F			Brass	
6DSF6-B	B			Brass	
H6B-101	F			Brass, w/Viton Seal	
H6B-103	F			Brass, w/Ethylene Propylene Seal	
H6B-104	F			Brass, w/Silicone Seal	
H6S/S	F			303 Stainless	
6DSF6-SS	B			303 Stainless	
H6S/S316	F		3/4"	316 Stainless Steel	
6DSF6-SS316	B			316 Stainless Steel	
H6S/S-101	F			303 Stainless, w/Viton Seal	
6DSF6-SS-Y	B			303 Stainless, w/Viton Seal	
H6S/S316-101	F			316 Stainless, w/Viton Seal	
H6S/S-103	F			303 Stainless, w/EPDM Seal	
H6S/SLV	F			303 Stainless Less Valve	
BLH6S	F			Steel Ball Lock	
BLH6B	F			Brass Ball Lock	
BLH6S/S	F			303 Stainless Ball Lock	
BLH6S/S316	F			316 Stainless Ball Lock	
6DSF6-SS-SL	B			303 Stainless Sleeve Lock	
H6S12	F		1-1/16-12*	Steel	
BLH6S12	F			Steel Ball Lock	

Plugs		Part o	Brand	Thread	Description
		K6S	F		
DS6F6-S	B			Steel	
K6S-101	F			Steel w/Viton Seal	
K6S-102	F			Steel w/Neoprene Seal	
K6S-103	F			Steel w/EPDM Seal	
K6SLV	F			Steel Less Valve	
K6B	F			Brass	
DS6F6-B	B			Brass	
K6B-101	F			Brass, w/Viton Seal	
K6B-103	F			Brass, w/Ethylene Propylene Seal	
K6S/S	F		3/4"	303 Stainless	
DS6F6-SS	B			303 Stainless	
K6S/S316	F			316 Stainless Steel	
DS6F6-SS316	B			316 Stainless Steel	
K6S/S-101	F			303 Stainless, w/Viton Seal	
K6S/S316-101	F			316 Stainless, w/Viton Seal	
K6S/S-103	F			303 Stainless, w/EPDM Seal	
K6S/SLV	F			303 Stainless Less Valve	
K6S12	F		1-1/16-12*	Steel	

Brand - Designates **F**=Foster or **B**=Breco Part

*SAE straight thread O-ring seal boss
See page 161 for full size templates
See pages 149 - 150 for optional seal compounds



FH Series Two Way Outfitting Plugs and Cores

Part No	Brand	Thread	Description	
				Part No
H8S	F	1"	Steel	
8DSF8-S	B		Steel	
H8S-101	F		Steel w/Viton Seal	
H8SLV	F		Steel Less Valve	
H8B	F		Brass	
8DSF8-B	B		Brass	
H8B-101	F		Brass, w/Viton Seal	
H8B-103	F		Brass, w/Ethylene Propylene Seal	
H8S/S	F		303 Stainless	
8DSF8-SS	B		303 Stainless	
H8S/S316	F		316 Stainless Steel	
8DSF8-SS316	B		316 Stainless Steel	
H8S/S-101	F		303 Stainless, w/Viton Seal	
H8S/S316-101			316 Stainless, w/Viton Seal	
H8S/S-103			303 Stainless, w/EPDM Seal	
BLH8S			Steel Ball Lock	
BLH8B			Brass Ball Lock	
BLH8S/S			303 Stainless Ball Lock	
BLH8S/S316			316 Stainless Ball Lock	
H8S16			F	1 5/16-12*
BLH8S16		Steel Ball Lock		



Part No	Brand	Thread	Description
K8S	F	1"	Steel
DS8F8-S	B		Steel
K8S-101	F		Steel w/Viton Seal
K8SLV	F		Steel Less Valve
K8B	F		Brass
K8B-101	F		Brass, w/Viton Seal
K8B-103	F		Brass, w/Ethylene Propylene Seal
K8S/S	F		303 Stainless
DS8F8-SS	B		303 Stainless
K8S/S316	F		316 Stainless Steel
DS8F8-SS316	B		316 Stainless Steel
K8S/S-101	F		303 Stainless, w/Viton Seal
K8S/S316-101			316 Stainless, w/Viton Seal
K8S/S-103			303 Stainless, w/EPDM Seal
K8S16			1 5/16-12*





Brand - Designates **F**=Foster or **B**=Breco Part
Foster Engineering Catalog

*SAE straight thread O-ring seal boss
See page 161 for full size templates
See pages 149 - 150 for optional seal compounds





FH Series Two Way Output Plugs and Sockets

Sockets		Part No	Type	Finish	Body Size		Thread Size	Hex Length Area	Working Pressure	Hydraulic Rated Flow at 1500 psi
					In	mm				
		DF-B	Socket	Brass	1-1/2"	40mm	1-1/2" NPTF	2.36"	1,500 psi	100 gpm

Plugs		Part No	Type	Finish	Body Size		Thread Size	Hex Length Area	Working Pressure	Hydraulic Rated Flow at 1500 psi
					In	mm				
		DF-B	Plug	Brass	1-1/2"	40mm	1-1/2" NPTF	2.36"	1,500 psi	100 gpm

FH Series Two Way Output Plugs and Sockets

Sockets		Part No	Type	Finish	Body Size		Thread Size	Hex Length Area	Working Pressure	Hydraulic Rated Flow at 700 psi
					In	mm				
		DF-B	Socket	Brass	2-1/2"	50mm	2" NPTF	3.74"	700 psi	200 gpm

Plugs		Part No	Type	Finish	Body Size		Thread Size	Hex Length Area	Working Pressure	Hydraulic Rated Flow at 700 psi
					In	mm				
		DF-B	Plug	Brass	2-1/2"	50mm	2" NPTF	3.74"	700 psi	200 gpm

Brand - Designates **F**=Foster or **B**=Breco Part

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WARNING: Cancer and Reproductive Harm Warning. For more information go to www.P65Warnings.ca.gov.

Rev
XXXXXX

FH Series Dust Plugs and Caps

Protective dust plugs and caps play a crucial role in the use of hydraulic quick couplings. Dust plugs and caps keep the mating surface clean and free of contamination and protect the critical mating elements of the coupling halves when they are disconnected. The plug is protected from damage that would make the total coupling unusable.

Note When ordering the dust cap/plug body size must correspond to that of the socket or plug.

Dust Cap Part #	Dust Plug Part #		Brand	Size
	PT Thread	A Thread		
-	H1DP	H1DP4	F	1/8"
BH1-66	BH1-65	-	B	1/8"
-	H2DP	H2DP6	F	1/4"
-	-	-	B	1/4"
-	H3DP	H3DP8	F	3/8"
-	BH3-65	-	B	3/8"
-	H4DP	H4DP10	F	1/2"
BH4-66	BH4-65	-	B	1/2"
-	H6DP	H6DP12	F	3/4"
-	BH6-65	-	B	3/4"
-	H8DP	H8DP16	F	1"
BH8-66	BH8-65	-	B	1"

Part #	Brand	Size	Description
B1DC	F	1/8"	Dust Cap
B1DP			Dust Plug
BH1-66M	B	1/8"	Dust Cap
BH1-65M			Dust Plug
B2DC-DP	F	1/4"	Dust Cap and Plug
BH2-66M			Dust Cap
BH2-65M	B	1/4"	Dust Plug
B3DC-DP			Dust Cap and Plug
B3DC	F	3/8"	Dust Cap
B3DC-BLUE			Dust Plug
B3DP	B	3/8"	Dust Cap
B3DP-BLUE			Dust Plug
BH3-66M	B	1/2"	Dust Cap
BH3-65M			Dust Plug
B4DC-DP	F	1/2"	Dust Cap and Plug
B4DC			Dust Cap
B4DC-BLUE	B	1/2"	Dust Plug
B4DP			Dust Cap
B4DP-BLUE	B	1/2"	Dust Plug
BH4-66M			Dust Cap
BH4-65M	F	3/4"	Dust Cap
B6DC			Dust Plug
B6DP	B	3/4"	Dust Cap
BH6-66M			Dust Plug
BH6-65M	F	1"	Dust Cap
B8DC-DP			Dust Cap and Plug
B8DC	B	1"	Dust Plug
B8DC-BLUE			Dust Cap
B8DP	B	1"	Dust Plug
B8DP-BLUE			Dust Cap
BH8-66M	B	1"	Dust Cap
BH8-65M			Dust Plug



FH Series Carpet Cleaning Plugs and Sockets

Part #	Size	Thread PTF	Description
DS2F2-BI	1/4"	1/4-18	Brass

Part #	Size	Thread PTF	Description
2DSF2-BI	1/4"	1/4-18	Brass

Newly designed to exacting standards, our latest Carpet Cleaning ISO-B quick disconnect includes a redesigned stainless steel valve with EPDM Seal and internal components, specifically engineered to offer strong airflow, high psig and efficient performance. Field tested and subjected to rigorous cleaning applications, it has been proven to perform under pressure without leaking or failing. It is ideal for carpet cleaning equipment, car washes, pressure washers and water based hydraulic applications.

Contact factory for specific information. Socket is available with a protective cover in three different color options.



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Foster Engineering Catalog

- The 6600 Series couplings feature poppet valves with solid metal perch that maintains valve alignment and prevents flow checking. Both the sleeves of the socket and plug are case hardened to make the couplings resistant to damage from brinelling and mechanical shock.
- The durable ball-locking mechanism ensures a reliable connection every time.
- These couplings have female pipe and straight thread end configurations as standard. The dimensional requirements of Series A in ISO 7241-1. Socket and plug are interchangeable with other parts compatible with ISO 7241-1.

Specifications:

	Series				
	1/4"	3/8"	1/2"	3/4"	1"
Working Pressure	5000	4000	4000	4000	4000
Temperature Range (std seals)	-10° to +250° F.				

6600 Series Couplings A

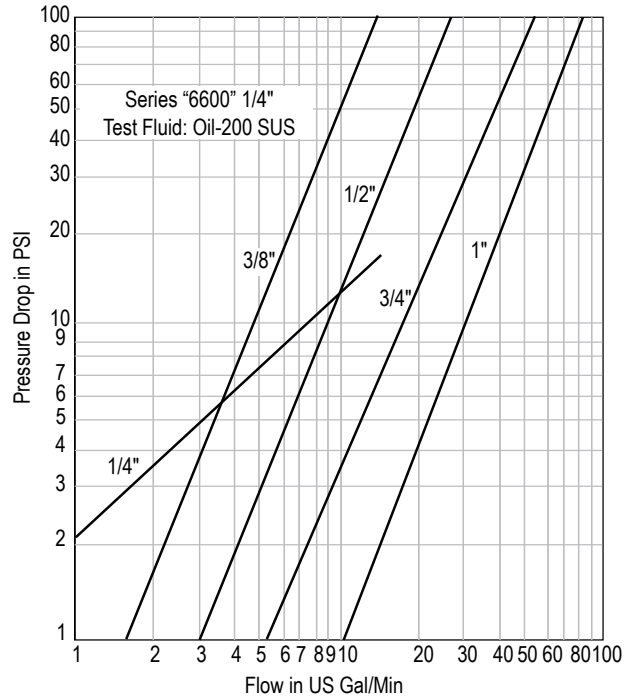
Female Thread	Part Steel	Series	Thread	
			PTF	RB
			B-6601-4-4	1/4"
B-6601-6-6	3/8"	3/8-18	-	
B-6601-8-10	1/2"	1/2-14	-	
B-6601-12-10		3/4-14	-	
B-6608-8-10		-	3/4-16	
B-6608-10-10	1"	-	7/8-14	
B-6608-12-10		-	1 1/16-12	
B-6601-12-12		3/4"	3/4-14	-
B-6608-12-12	1"	-	1 1/16-12	
B-6601-16-16		1 - 11 1/2	-	
B-6608-16-16		-	1 5/16-12	

6600 Series Plugs A

Female Thread	Part Steel	Series	Thread	
			PTF	RB
			B-6602-2-4	1/4"
B-6602-4-4	3/8"	1/4-18	-	
B-6602-6-6		3/8-18	-	
B-6602-8-10		1/2-14	-	
B-6602-12-10	1/2"	3/4-14	-	
B-6610-8-10		-	3/4-16	
B-6610-10-10		-	7/8-14	
B-6610-12-10	1"	-	1 1/16-12	
B-6602-12-12		3/4"	3/4-14	-
B-6610-12-12		-	1 1/16-12	
B-6602-16-16	1"	1 - 11 1/2	-	
B-6610-16-16		-	1 5/16-12	

Applications

The versatile "6600" Series couplings are used in a wide range of hydraulic applications including construction equipment, manufacturing machinery, and in-plant systems. They can be found anywhere the fluid transfer lines need to be connected and disconnected for operation or maintenance of equipment. Rugged construction makes it a good choice for mobile applications including dump trucks, snow plows, refuse hauling, mining, asphalt paving, truck trailer connections and many more. In-plant machinery applications include hydraulic fluid, chemicals and gas lines for paper mills, steel production, and many varieties of plant maintenance and production equipment.



Dust Caps & Dust Plugs A

Dust Cap	Part Steel	Dust Plug	Part Steel	Series
	B-6657-4		B-6659-4	1/4"
	-		B-6659-6	3/8"
	B-6657-10		B-6659-10	1/2"
	B-6657-12		B-6659-12	3/4"
	B-6657-16		B-6659-16	1"

Dust Cap & Plug Combo	Part Steel	Series	Description
	A04DC-DP	1/4"	Combo
	A06DC-DP	3/8"	Combo
	A08DC	1/2"	Dust Cap
	A08DP		Dust Plug
	A12DC-DP	3/4"	Combo
	A16DC-DP	1"	Combo



FF19SS FF16SS FF12SS FF10SS FF6SS



FF19SS FF16SS

FF12SS FF10SS

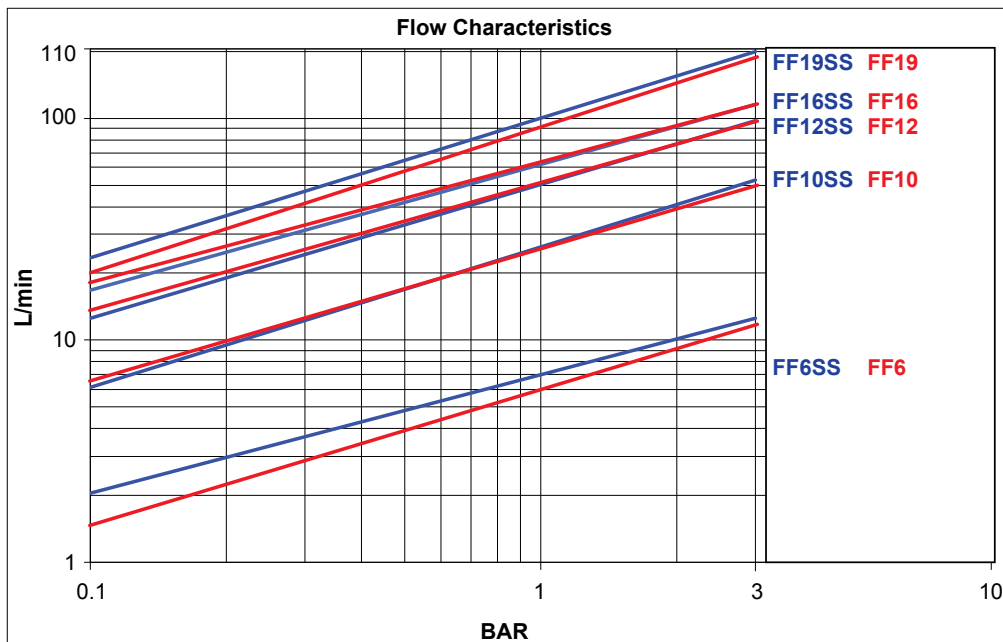
FF19SS FF16SS
 Sizes 0 to 5 Carbon steel with zinc nickel plating
 fitted with nitrile seals
 1000 hours with no white or red rust in salt spray tests
 FF12SS FF10SS
 316 stainless steel fitted with nitrile seals
 seals available on request

FF19SS FF16SS
 Safety locking sleeve to prevent accidental disconnection
 Flat faces are easily wiped clean
 Minimal inclusion of air and contaminants during connection
 Flat face design prevents fluid loss during disconnection

Bidirectional flow
 Nickel plated steel or 316 Stainless Steel
 Manufactured to SAE J514 Standard
 Bidirectional flow
 Multiple thread types and RB
 Connect under pressure Series see page 338
 Tested to 1000 hours of protection from white
 Red Rust

Available
 Dust Caps and Lugs are available
 Couplers have been tested to the SAE J514 Standard
 Operating temperatures Nickel Plated Steel
 with nitrile seals 0 to 300 (-40° to 106°C),
 with nitrile seals 0 to 390 (-20° to 200°C)
 Operating temperatures Stainless Steel
 with nitrile seals 0 to 390 (-20° to 200°C)
 Contact Foster for detailed information

	SIZE				
	1/4"	3/8"	1/2"	3/4"	1"
Rated Flow (gpm)	3	6	12	26	50
Temperature Range	-10°F to +250°F				
Spillage (ML) (max. per disconnect)	.015	.015	.020	.150	.200
Air Inclusion (max. per disconnect)	.020	.020	.070	.100	.150



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FF Plus Series Couplers Foster

Part No	Size	Body Size	Thread	Max Working Pressure Psig	Burst Pressure Coupled Psig	Burst Pressure each Psig	Description
FF6S-04	06	1/4"	1/4" Female NPT	5,800	24,650	21,750	Nickel Plated Steel
FF6S-04SS				5,075	18,850	23,200	Stainless Steel - 316
FF10S-06	10	3/8"	3/8" Female NPT	5,075	21,750	15,950	Nickel Plated Steel
FF10S-06SS				5,075	27,550	14,500	Stainless Steel - 316
FF10S-08			1/2" Female NPT	5,075	21,750	15,950	Nickel Plated Steel
FF10S-08SS				5,075	27,550	14,500	Stainless Steel - 316
FF10S-75ORB			3/4" -16 Female ORB	5,075	27,550	15,225	Nickel Plated Steel
FF12S-08			12	1/2"	1/2" Female NPT	5,075	17,400
FF12S-08SS	1/2" Female NPT	5,075			23,200	14,500	Stainless Steel - 316
FF12S-12	3/4" Female NPT	5,075			17,400	15,225	Nickel Plated Steel
FF12S-12SS		5,075			23,200	14,500	Stainless Steel - 316
FF12S-75ORB	3/4" - 16 Female ORB	5,075			23,200	15,950	Nickel Plated Steel
FF12S-87ORB	7/8" - 14 Female ORB	5,075			23,200	15,950	
FF12S-106ORB	1-1/16" - 12 Female ORB	5,075			23,200	15,950	
FF16S-12	16	5/8"			3/4" Female NPT	5,075	17,400
FF16S-12SS			5,075	20,300		14,500	Stainless Steel - 316
FF19S-12	19	3/4"	3/4" Female NPT	5,075	21,025	15,950	Nickel Plated Steel
FF19S-12SS				5,075	20,300	14,500	Stainless Steel - 316
FF19S-16			1" Female NPT	5,075	21,025	15,225	Nickel Plated Steel
FF19S-16SS				5,075	20,300	14,500	Stainless Steel - 316
FF19S-131ORB				1-5/16" - 12 Female ORB	5,075	21,025	15,950
FF25S-16	25	1"	1" Female NPT	5,075	11,600	15,225	Nickel Plated Steel
FF25S-16SS				5,075	14,500	14,500	Stainless Steel - 316
FF25S-20			1-1/4" Female NPT	3,770	11,600	11,600	Nickel Plated Steel
FF25S-20SS				5,075	14,500	14,500	Stainless Steel - 316
FF25S-162ORB				1-5/8" - 12 Female ORB	5,075	11,600	15,225
FF32S-24	32	1-1/4"	1-1/2" Female NPT	3,600	15,950	11,600	Nickel Plated Steel
FF40S-32	40	1-1/2"	2" Female NPT	3,600	14,500	11,600	Nickel Plated Steel



FF Plus Series Coupler Dust Caps Foster

Part No	Size	Description
6FFSDC	1/4"	Dust Cap - PVC
10FFSDC	3/8"	Dust Cap - PVC
12FFSDC	1/2"	Dust Cap - PVC
16FFSDC	5/8"	Dust Cap - PVC
19FFSDC	3/4"	Dust Cap - PVC
25FFSDC	1"	Dust Cap - PVC



WARNING: It is important that users of the Quick Release Couplers read the safety guidelines on pages 8 & 9. Proper use of products can lead to severe injury and damage to equipment.

Brand - Designates **F**=Foster or **B**=Breco Part

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www.foster-mfg.com

WARNING: Cancer and Reproductive Harm Warning. For more information go to www.P65Warnings.ca.gov.



FF Plus Series Plugs & Dust Caps

FF Plus Series Plugs & Dust Caps

Part No	Size	Body Size	Thread	Max Working Pressure Psig	Burst Pressure Coupled Psig	Burst Pressure each Psig	Description
FF6P-04	06	1/4"	1/4" Female NPT	5,800	24,650	17,690	Nickel Plated Steel
FF6P-04SS							Stainless Steel - 316
FF10P-06	10	3/8"	3/8" Female NPT	5,075	21,750	15,225	Nickel Plated Steel
FF10P-06SS				5,075	27,550	20,300	Stainless Steel - 316
FF10P-08			5,075	21,750	15,225	Nickel Plated Steel	
FF10P-08SS						5,075	27,550
FF10P-75ORB			5,075	21,750	14,500	Nickel Plated Steel	
FF12P-08			12	1/2"	1/2" Female NPT	5,075	17,400
FF12P-08SS	5,075	23,200				15,950	Stainless Steel - 316
FF12P-12	5,075	17,400			14,500	Nickel Plated Steel	
FF12P-12SS						5,075	23,200
FF12P-75ORB	5,075	17,400			15,225	Nickel Plated Steel	
FF12P-87ORB	5,075	17,400			15,225		
FF12P-106ORB	5,075	17,400			15,225		
FF16P-12	16	5/8"			3/4" Female NPT	5,075	17,400
FF16P-12SS			5,075	20,300		15,950	Stainless Steel - 316
FF19P-12	19	3/4"	3/4" Female NPT	5,075	21,025	15,950	Nickel Plated Steel
FF19P-12SS				5,075	20,300	15,950	Stainless Steel - 316
FF19P-16			5,075	21,025	15,225	Nickel Plated Steel	
FF19P-16SS						5,075	20,300
FF19P-131ORB			5,075	21,025	15,950	Nickel Plated Steel	
FF25P-16	25	1"	1" Female NPT	5,075	11,600	15,225	Nickel Plated Steel
FF25P-16SS				5,075	14,500	15,950	Stainless Steel - 316
FF25P-20			3,770	11,600	11,600	Nickel Plated Steel	
FF25P-20SS						5,075	14,500
FF25P-162ORB			5,075	11,600	15,225	Nickel Plated Steel	
FF32P-24	32	1-1/4"	1-1/2" Female NPT	3,600	15,950	11,600	Nickel Plated Steel
FF40P-32	40	1-1/2"	2" Female NPT	3,600	14,500	11,600	Nickel Plated Steel



FF Plus Series Plug Dust Caps

Part No	Size	Description
6FFPDC	1/4"	Dust Cap - PVC
10FFPDC	3/8"	Dust Cap - PVC
12FFPDC	1/2"	Dust Cap - PVC
16FFPDC	5/8"	Dust Cap - PVC
19FFPDC	3/4"	Dust Cap - PVC
25FFPDC	1"	Dust Cap - PVC



Brand - Designates **F**=Foster or **B**=Breco Part
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WARNING: Cancer and Reproductive Harm Warning. For more information go to www.P65Warnings.ca.gov.



FF10CUPP-06 FF12CUPP-08 FF19CUPP-16

FF Plug Caps

- Designed to connect with the flat face sockets
- Flat faces are easily wiped clean
- Alloys for minimal inclusion of air and contaminants during connection
- Flat face design prevents fluid loss during disconnection
- Bidirectional flow
- Connect under pressure with up to 5000 psig (350 bar) locked in the plugs
- Sockets must have zero pressure when connecting plugs under pressure

Connects under pressure by hand with up to 5000 psig (350 bar) locked in the male half. The ideal choice for applications where the ability to connect under pressure is essential.

Construction

- Sizes 10 to 19 Carbon steel with zinc nickel plating
- Equipped with nitrile seals
- 1000 hours with no white or red rust in salt spray tests

Accessories

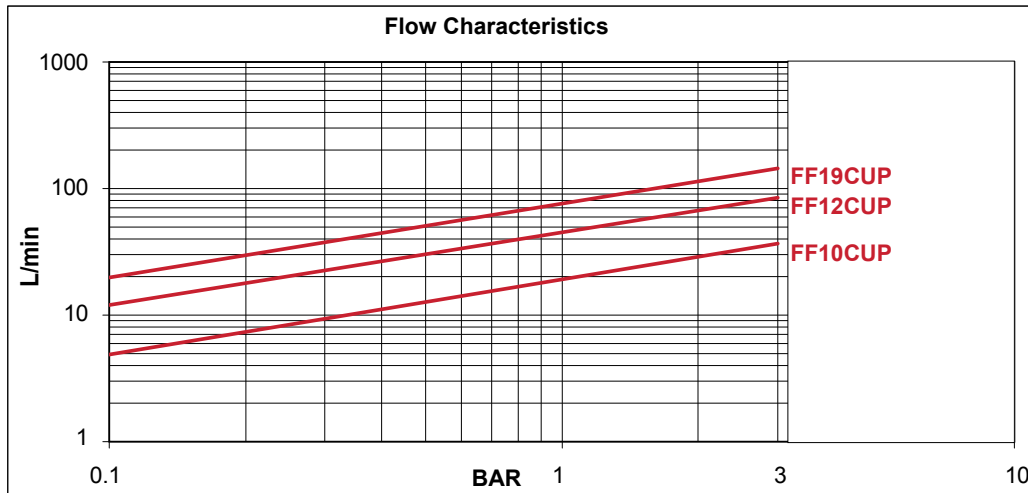
- Must Caps are available for connect under pressure series

Operating Temperatures

- Operating temperatures with nitrile seals: -40°C to 106°C (-40°F to 220°F)

For more information

Contact Foster for detailed information



FF Plug Series Connect Under Pressure Plugs by Foster

Female Thread		Part No.	Size	Body Size	Thread	Max Working Pressure Psig	Burst Pressure Coupled Psig	Burst Pressure each Psig	Description
		FF10CUPP-06	10	3/8"	3/8" Female NPT	5,075	21,750	21,750	Nickel Plated Steel
		FF10CUPP-08			1/2" Female NPT				
		FF12CUPP-08	12	1/2"	1/2" Female NPT	5,075	17,400	21,750	Nickel Plated Steel
		FF12CUPP-12			3/4" Female NPT				
		FF19CUPP-16	19	3/4"	1" Female NPT	5,075	21,025	23,200	Nickel Plated Steel

Brand - Designates **F**=Foster or **B**=Breco Part



FF Series Couplers

The FF Series couplers are a two-way shut-off hydraulic coupler. Typical applications include portable hydraulic tools, railway and construction maintenance equipment, utility company field equipment and general purpose hydraulic service. The flush face technology provides for ease of cleaning, minimal air inclusion and minimal fluid loss. The arrow stamped on the coupler indicates the direction of flow for installation purposes.

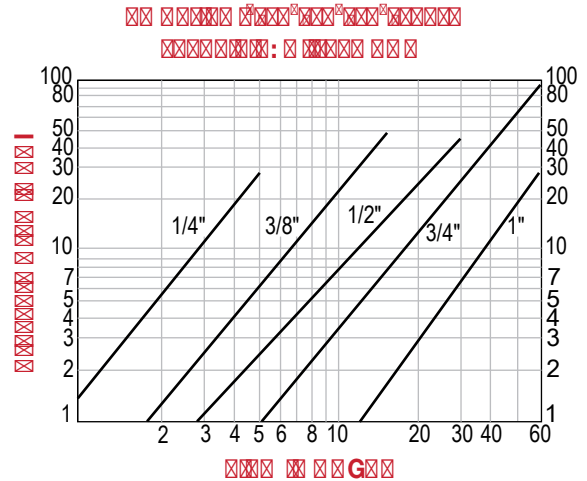
Key Features:

- Meets dimensional and performance standards of ISO 16028 as well as HTMA* and NFPA.
- "FF" Series style double shut-off hydraulic couplings are intended for use on medium pressure hydraulic systems up to 2500 psig operating pressures.
- Combines dual flush face valving, push-to-connect operation, minimum fluid loss upon disconnect, low air inclusion and sleeve lock.
- Primary applications are with hydraulic tools where cleaner automatic connections are needed and in machine tool line connections where minimum fluid leaks can be tolerated.

*Hydraulic Tool Mfg. Assoc. and National Fluid Power Assoc.

Specifications	Series				
	1/4"	3/8"	1/2"	3/4"	1"
Rated Pressure (psig)	5,000	5,000	5,000	5,000	5,000
Minimum Burst pressure, Male half (psig)	27,000	22,000	24,000	23,000	21,000
Minimum Burst pressure, Female half (psig)	27,000	25,000	23,000	20,000	20,000
Minimum Burst pressure, Coupled (psig)	27,000	23,000	25,000	22,000	22,000
Rated Flow (gpm)	3	6	12	26	50
Temperature Range	-10°F to +250°F				
Spillage (ML) (max. per disconnect)	.015	.015	.020	.150	.200
Air Inclusion (max. per disconnect)	.020	.020	.070	.100	.150

Performance Graph:



FF Series Couplers Selection

Female Thread	Part Steel	Series	Dust Plug	Thread Size	
				PT	PT
	B-2FF2-FP	1/4"	SDC-2	1/4-20	FPT
	B-3FF3-FP	3/8"	-	3/8-18	FPT
	B-3FF4-FP			1/2-14	FPT
	B-4FF4-FP	1/2"	SDC-4	1/2-14	FPT
	B-4FF4-FP-SAE			3/4-16	SAE
	B-4FF6-FP			3/4-14	FPT
	B-4FF6-FP-SAE			1/16-12	SAE
	B-6FF6-FP	3/4"	SDC-6	3/4-14	FPT
	B-6FF6-FP-SAE			1/16-12	SAE
	B-8FF8-FP	1"	SDC-8	1-11 1/2	FPT

FF Series Plugs Selection

Female Thread	Part Steel	Series	Dust Plug	Thread Size	
				PT	PT
	B-FF2F2-FP	1/4"	PDC-2	1/4-20	FPT
	B-FF3F3-FP	3/8"	-	3/8-18	FPT
	B-FF3F4-FP			1/2-14	FPT
	B-FF4F4-FP	1/2"	PDC-4	1/2-14	FPT
	B-FF4F4-FP-SAE			3/4-16	SAE
	B-FF4F6-FP			3/4-14	FPT
	B-FF4F6-FP-SAE			1/16-12	SAE
	B-FF6F6-FP	3/4"	PDC-6	3/4-14	FPT
	B-FF6F6-FP-SAE			1/16-12	SAE
	B-FF8F8-FP	1"	PDC-8	1-11 1/2	FPT

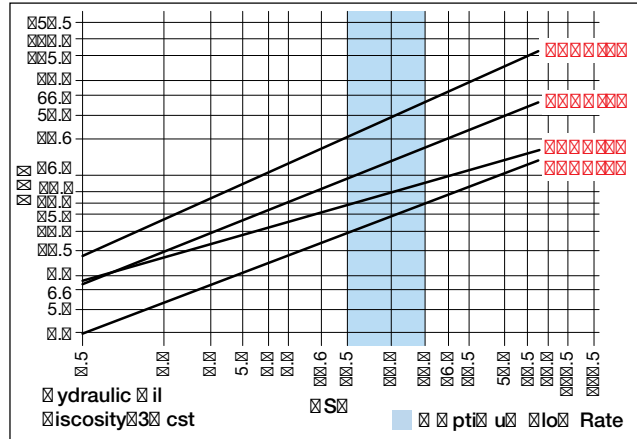
FOSTER® SERIES

FOSTER® SERIES



- Zinc Nickel Plated Carbon Steel
- Rated for 1000 Hours Protection Against White & Red Rust
- Large Thread Size 1/2" to 1 1/4"
- Operating temperatures with Nitrite Seal 100°F to 200°F 40°C to 93°C
- Crew Read Connection Minimizes Reworking
- Large Seal for Proper Connection Verification
- Socket Seal can be Pushed Back for Access to the Sealing Face
- Flat Face Design Prevents Fluid Loss During Disconnection

PRESSURE DROP CHARACTERISTICS



Foster Series Sockets

Female Thread		Part No.	Finish	Body Size	Thread Size	Working Pressure Psi	Socket Burst Pressure Psi	Plug Burst Pressure Psi	Com Ined Burst Pressure Psi
		F P- -	Zinc Nickel Plated Steel	1/2"	1/2" Female NPT	7,975	14,500	20,300	20,300
		F P- -	Zinc Nickel Plated Steel	3/4"	3/4" Female NPT	7,975	14,500	20,300	20,300
		F P- - RB	1-1/16"-12 Female ORB						
		F P- -	Zinc Nickel Plated Steel	1"	3/4" Female NPT	7,250	15,225	20,300	20,300
		F P- -			1" Female NPT				
		F P- - RB			1-5/16"-12 Female ORB				
		F P- -	Zinc Nickel Plated Steel	1-1/4"	1-1/4" Female NPT	6,815	14,500	18,850	18,850
		F P- - RB			1-5/8"-12 Female ORB				

Foster Series Plugs

Female Thread		Part No.	Finish	Body Size	Thread Size	Working Pressure Psi	Socket Burst Pressure Psi	Plug Burst Pressure Psi	Com Ined Burst Pressure Psi
		F P- P-	Zinc Nickel Plated Steel	1/2"	1/2" Female NPT	7,975	14,500	20,300	20,300
		F P- P-	Zinc Nickel Plated Steel	3/4"	3/4" Female NPT	7,975	14,500	20,300	20,300
		F P- P- RB			1-1/16"-12 Female ORB				
		F P- P-	Zinc Nickel Plated Steel	1"	3/4" Female NPT	7,250	15,225	20,300	20,300
		F P- P- RB			1-1/16"-12 Female ORB				
		F P- P-			1" Female NPT				
		F P- P- RB	Zinc Nickel Plated Steel	1-1/4"	1-5/16"-12 Female ORB	6,815	14,500	18,850	18,850
		F P- P-			1-1/4" Female NPT				
F P- P- RB	Zinc Nickel Plated Steel	1-1/4"	1-5/8"-12 Female ORB	6,815	14,500	18,850	18,850		

Brand - Designates F=Foster or B=Breco Part

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FH & FIH Series Quick Disconnect has provided years of reliable service on hydraulic/pneumatic applications in the handling of gases and fluids. The FH & FIH Series couplings are engineered to meet or exceeds MIL-C-51234. Options are available for static pressure hydraulic systems and also for pneumatic air tool use.

Options:

- ☒ FH – Two Way Shut-Off and Straight-Thru
- ☒ FIH – One Way Shut-Off

Interchangeability:

- ☒ FH Series interchanges with Snap-Tite “H” Series.
- ☒ FIH Series interchanges with Snap-Tite “IH” Series.
- ☒ Within each series, only sockets and plugs of the same size will couple together.

Manual: Socket sleeve must be manually retracted to connect and disconnect.

Ball Lock (BL prefix): Locks against accidental disconnect. To connect align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve.

Standard seals: Standard seals are Buna-N.

Rated Pressure: Rated Pressure as defined by ANSI/B93.2 – 1986, non-shock service.

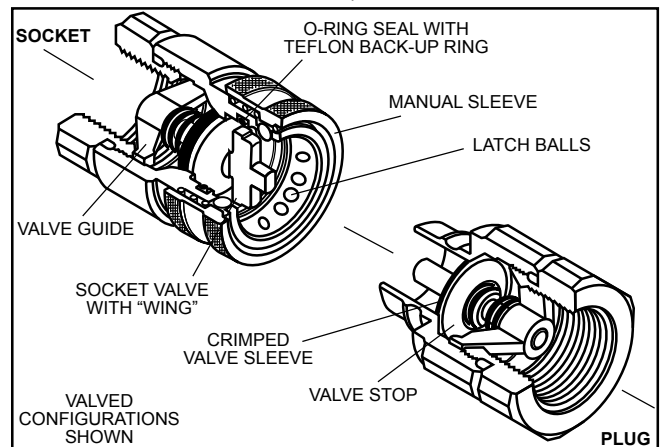
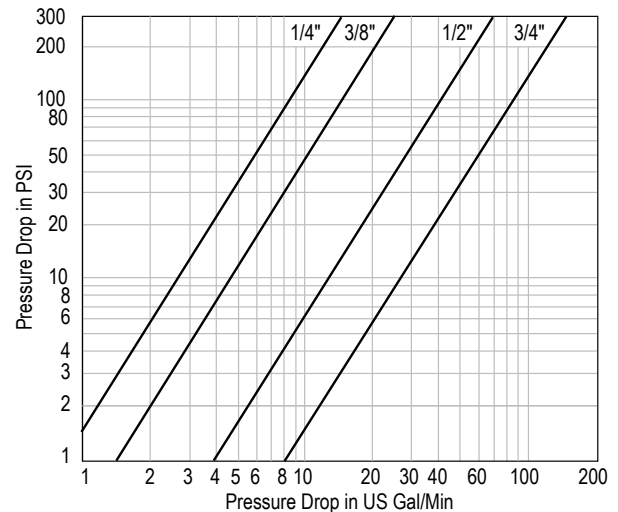
Features:

- ☒ Latch Mechanism
 - Manual connect and disconnect
 - Sleeves are hardened to provide maximum service life
- ☒ Material and Finish
 - Machined from solid bar stock
 - Steel components are zinc plated
- ☒ Coupled Seal
- ☒ Valved units incorporate a Teflon back-up ring to withstand dynamic impulse
- ☒ Machined from solid bar stock
- ☒ Steel plugs are hardened and zinc plated to provide heavy duty performance
- ☒ Flow - Large diameters provide for higher flow than other double shut-off quick disconnects
- ☒ Seals
 - Buna-N (Nitrile) seals are standard
 - Valve seals are crimped in place to maintain integrity during excessive flow conditions

Body Size	FH Series Two Way		FH Straight Thru		FIH Series One Way
	Steel PIG	Brass PIG	Steel PIG	Brass PIG	Steel PIG
1/4"	3250	2000	3000	3000	3000
3/8"	2250	1200	4000	3500	2250
1/2"	1800	1200	4000	2500	2000
3/4"	1750	1000	4500	1750	1750

Test Fluid Hydraulic:

Series FH & FIH - Rated or Non-Rated
Test Fluid Hydraulic at F



The FIH Series sockets & plugs are for pneumatic applications. The FIH sockets have a valve with 360° contact with plug.

FH Series One Way Valved Couplers Foster

Female Thread	Part No	FPT	Description
	FIS2F2	1/4"	Steel
	BLFIS2F2		Ball Lock, Steel
	FIS3F3	3/8"	Steel
	BLFIS3F3		Ball Lock, Steel
	FIS4F4	1/2"	Steel
	BLFIS4F4		Ball Lock, Steel

Male Thread	Part No	PT	Description
	FIS2M2	1/4"	Steel
	BLFIS2M2		Ball Lock, Steel
	FIS3M3	3/8"	Steel
	BLFIS3M3		Ball Lock, Steel
	FIS4M4	1/2"	Steel
	BLFIS4M4		Ball Lock, Steel

Brand - Designates **F**=Foster or **B**=Breco Part

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FH Series Two Way Valved Fittings

Female Thread	Image	Part No	Brand	FPT	Description
		FHS2F2	F	1/4"	Steel
B-VHC4-4F	B	Ball Lock, Steel			
BLFHS2F2	F	Steel w/Viton Seal			
FHS2F2-101	F				
FHS3F3	F	3/8"	Steel		
B-VHC6-6F	B		Ball Lock, Steel		
BLFHS3F3	F				
FHS4F4	F	1/2"	Steel		
B-VHC8-8F	B		Ball Lock, Steel		
BLFHS4F4	F				
B-VHC12-12F	B				
FHS2F2B	F	1/4"	Brass		
B-VHC4-4F-B	B		Ball Lock, Brass		
BLFHS2F2B	F		Brass, w/Viton Seal		
FHS2F2B-101	F		Brass w/EPDM Seal		
FHS2F2B-103	F				
FHS3F3B	F	3/8"	Brass		
B-VHC6-6F-B	B		Ball Lock, Brass		
BLFHS3F3B	F				
FHS4F4B	F	1/2"	Brass		
BLFHS4F4B	F		Ball Lock, Brass		
B-VHC12-12F-B	B				

Male Thread	Image	Part No	Brand	PT	Description
		FHS2M2	F	1/4"	Steel
B-VHC4-4M	B	Steel w/Viton Seal			
FHS2M2-101	F	Ball Lock, Steel			
BLFHS2M2	F				
FHS3M3	F	3/8"	Steel		
B-VHC6-6M	B		Ball Lock, Steel		
BLFHS3M3	F				
FHS4M4	F	1/2"	Steel		
B-VHC8-8M	B		w/Viton Seal		
FHS4M4-101	F		Ball Lock, Steel		
BLFHS4M4	F				
B-VHC12-12M	B	3/4"	Steel		
FHS2M2B	F	1/4"	Brass		
B-VHC4-4M-B	B		Ball Lock, Brass		
BLFHS2M2B	F				
FHS3M3B	F	3/8"	Brass		
B-VHC6-6M-B	B		Ball Lock, Brass		
BLFHS3M3B	F				
FHS4M4B	F	1/2"	Brass		
B-VHC8-8M-B	B		Ball Lock, Brass		
BLFHS4M4B	F		Brass w/EPDM Seal		
FHS4M4B-103	F				
B-VHC12-12M-B	B	3/4"	Brass		

FH Series Two Way Valved Plugs

Female Thread	Image	Part No	Brand	FPT	Description
		FHP2F2	F	1/4"	Steel
B-VHN4-4F	B	Steel w/Viton Seal			
FHP2F2-101	F	Brass			
FHP2F2B	F	Brass			
B-VHN4-4F-B	B	Brass, w/Viton Seal			
FHP2F2B-101	F				
FHP3F3	F	3/8"	Steel		
B-VHN6-6F	B		Brass		
FHP3F3B	F		Brass		
B-VHN6-6F-B	B				
FHP4F4	F	1/2"	Steel		
B-VHN8-8F	B		Brass		
FHP4F4B	F		Brass		
B-VHN8-8F-B	B				
B-VHN12-12F	B	3/4"	Steel		
B-VHN12-12F-B	B		Brass		

Male Thread	Image	Part No	Brand	PT	Description
		FHP2M2	F	1/4"	Steel
B-VHN4-4M	B	Steel w/Ethylene Prop. Seal			
FHP2M2-103	F	Brass			
FHP2M2B	F	Brass			
B-VHN4-4M-B	B	Brass w/EPDM Seal			
FHP2M2B-103	F				
FHP3M3	F	3/8"	Steel		
B-VHN6-6M	B		Brass		
FHP3M3B	F		Brass		
B-VHN6-6M-B	B				
FHP4M4	F	1/2"	Steel		
B-VHN8-8M	B		Steel w/Viton Seal		
FHP4M4-101	F		Brass		
FHP4M4B	F		Brass		
B-VHN8-8M-B	B	3/4"	Steel		
B-VHN12-12M	B		Steel		
B-VHN12-12M-B	B		Brass		

Brand - Designates **F**=Foster or **B**=Breco Part

See page 163 for full size templates
See pages 149 - 150 for optional seal compounds



FH Series Traigt rucets

Female Thread		Part o	Brand	FPT	Description no ale
		FHS2	F	1/4"	Steel
B-PHC4-4F	B	Ball Lock, Steel			
BLFHS2	F	1/4"	Brass		
FHS2B	B		Ball Lock, Brass		
B-PHC4-4F-B	B	1/4"	Brass, w/Viton Seal		
BLFHS2B	F				
FHS2B-101	F	3/8"	Steel		
FHS3	F		Ball Lock, Steel		
B-PHC6-6F	B	3/8"	Brass, w/Viton Seal		
BLFHS3	F		Brass		
FHS3-101	F	3/8"	Ball Lock, Brass		
FHS3B	B				
B-PHC6-6F-B	B	1/2"	Steel		
BLFHS3B	F		Ball Lock, Steel		
FHS4	F	1/2"	Brass, w/Viton Seal		
B-PHC8-8F	B		Brass		
BLFHS4	F	1/2"	Ball Lock, Brass		
FHS4B	B				
B-PHC8-8F-B	B	3/4"	Steel		
BLFHS4B	F		Ball Lock, Steel		
B-PHC12-12F-B	B	3/4"	Brass		

Male Thread		Part o	FPT	Description no ale
		B-PHC4-4M	1/4"	Steel
B-PHC4-4M-B	Brass			
B-PHC6-6M	3/8"	Steel		
B-PHC6-6M-B		Brass		
B-PHC8-8M	1/2"	Steel		
B-PHC8-8M-B		Brass		
B-PHC12-12M	3/4"	Steel		
B-PHC12-12M-B		Brass		

FH Series Invalved Plugs use wit ot FH traigt ruc FH ocets

Female Thread		Part o	Brand	FPT	Description
		FH21F	F	1/8"	Steel
FH22F	F	Steel			
B-PHN4-4F	B	1/4"	Brass		
FH22FB	F				
B-PHN4-4F-B	B	3/8"	Steel		
FH33F	F		Brass		
FH33FB	F	3/8"	Steel		
B-PHN6-6F-B	B		Brass		
FH44F	F	1/2"	Steel		
B-PHN8-8F	B		Brass		
FH44FB	F	1/2"	Steel		
B-PHN8-8F-B	B		Brass		
B-PHN12-12F	B	3/4"	Steel		
B-PHN12-12F-B			Brass		

Male Thread		Part o	Brand	PT	Description
		FH22M	F	1/4"	Steel
B-PHN4-4M	B	Brass			
FH22MB	F	3/8"	Steel		
B-PHN4-4M-B	B		Brass		
FH33M	F	3/8"	Steel		
B-PHN6-6M	B		Brass		
FH33MB	F	1/2"	Steel		
B-PHN6-6M-B	B		Brass		
FH44M	F	1/2"	Steel		
B-PHN8-8M	B		Brass		
FH44MB	F	3/4"	Steel		
B-PHN8-8M-B	B		Brass		
B-PHN12-12M	B	3/4"	Steel		
B-PHN12-12M-B			Brass		

Brand - Designates **F**=Foster or **B**=Breco Part
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See page 163 for full size templates
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Features

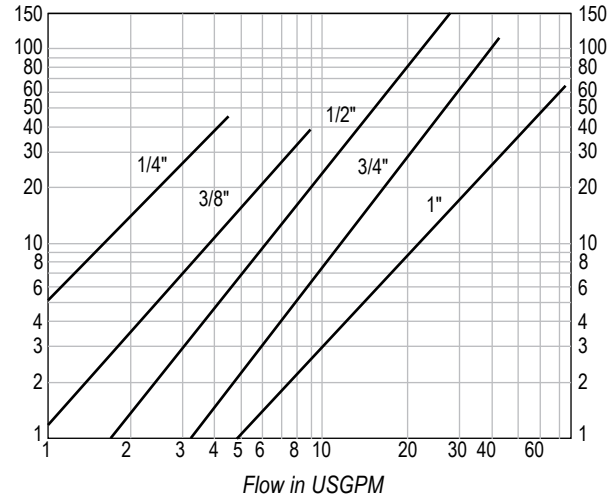
- The "4000" Series is a proven design for use on construction equipment, agricultural machinery, oil tools, steel mill machinery, and other demanding hydraulic applications.
- Couplings feature steel ball check valves for dependability in heavy-duty hydraulic applications, within rated working pressures.
- Socket and plug are precision machined from solid barstock. A ball-locking mechanism holds the mating halves together, and critical parts are induction hardened for durability.

Specifications:

Body i e	/	/	/	/	/
Rated Pressure (Psig)	3000	3000	3000	3000	3000
Rated Flow (GPM)	3	6	12	28	50
Temperature Range (Std seals)	-40° to +250°F				

Performance

Series / to
Test Fluid II-



Series Couplings

Female Thread	Part o teel	i e	Thread i e		
			PTF	RB	
			B-4050-2	1/4"	1/4"-18
B-4050-3	3/8"	3/8"-18	-		
B-4050-4	1/2"	1/2"-14	-		
B-4050-5		3/4"-14	-		
B-4050-15		-	3/4"-16		
B-4050-16	-	-	7/8"-14		
B-4150-5	3/4"	3/4"-14	-		
B-4050-6	1"	1-11 1/2"	-		
Female Thread	Part o teel Poppet tyle	i e	Thread i e PTF		
			B-4050-2P	1/4"	1/4"-18
			B-4050-3P	3/8"	3/8"-18
B-4050-4P	1/2"	1/2"-14	-		
B-4050-6P	1"	1-11 1/2"	-		

Series Plugs

Female Thread	Part o teel	i e	Thread i e		
			PTF	RB	
			B-4010-2	1/4"	1/4"-18
B-4010-3	3/8"	3/8"-18	-		
B-8010-4	1/2"	1/2"-14	-		
B-8010-5		3/4"-14	-		
B-8010-15		-	3/4"-16		
B-8010-16	-	-	7/8"-14		
B-4110-5	3/4"	3/4"-14	-		
B-4010-6	1"	1-11 1/2"	-		
Female Thread	Part o teel Poppet tyle	i e	Thread i e PTF		
			B-4010-2P	1/4"	1/4"-18
			B-4010-3P	3/8"	3/8"-18
B-8010-4P	1/2"	1/2"-14	-		
B-4010-6P	1"	1-11 1/2"	-		

Dust Plugs & Dust Caps

Dust Caps & Plugs	Dust Plug Part o	Dust Cap Part o	i e
	Ru er	Ru er	
		B-5205-2M	B-5209-2M
	B-5205-3	B-5209-3	3/8"
	B-5205-4M	B-5209-4M	1/2"
	B-5205-5	B-5209-5	3/4"
	B-5205-6	B-5209-6	1



Features:

- ☒ For use on hydraulic applications with operating pressure up to 3,000 Psig
- ☒ Heavy duty, double shutoff coupler
- ☒ Connect/disconnect under pressure with minimal air inclusion and fluid loss
- ☒ Interchangeable with manufacturers' couplings
- ☒ Plugs can be bulkhead mounted

Benefits:

- ☒ Brass body resists corrosion
- ☒ Zinc plated steel wing nut
- ☒ Stainless steel springs
- ☒ Buna-N Seals

Operating Temperature:

- ☒ -40° to +250° F

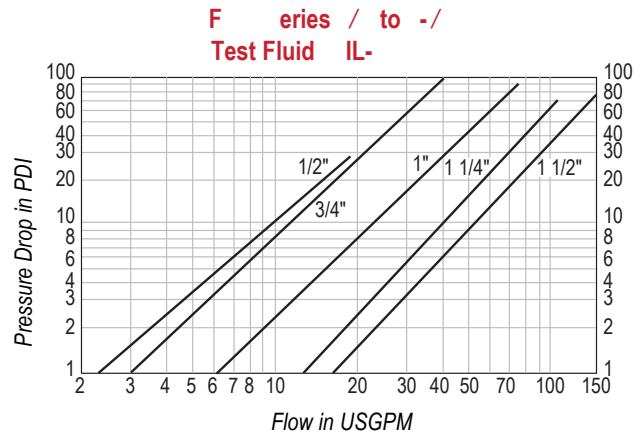
Specifications:

Dash Number	Series				
	-08	-12	-16	-20	-24
* Rated Pressure (Psig)					
Female Half	3000	3000	3000	2750	2000
Male Half	3000	3000	3000	2500	2500
Complete Coupling Assembly	3000	3000	3000	2750	2500
Rated Flow (GPM)	12	28	50	76	100

* Minimum burst pressure is equal to three times the rated pressure.

Not recommended for continuous hydraulic impulse applications at rated pressures.

Performance



6 Series Couplings

ing ut with Plug	Part o		ie	Thread ie PTF
	ith Flange	ithout Flange		
	B-6100-08	B-6120-08	3/4"	1/2-14
	B-6100-12	B-6120-12		3/4-14
	B-6100-16	B-6120-16	1"	1 - 11-1/2
	B-6100-20	B-6120-20	1-1/4"	1 1/4 - 11-1/2
	B-6100-24	B-6120-24	1-1/2"	1 1/2 - 11-1/2

Hex ut with Plug	Part o		ie	Thread ie PTF
	ith Flange	ithout Flange		
	B-6110-08	B-6130-08	3/4"	1/2-14
	B-6110-12	B-6130-12		3/4-14
	B-6110-16	B-6130-16	1"	1 - 11-1/2
	B-6110-20	B-6130-20	1-1/4"	1 1/4 - 11-1/2
	B-6110-24	B-6130-24	1-1/2"	1 1/2 - 11-1/2

Brand - Designates **F**=Foster or **B**=Breco Part


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WARNING: Cancer and Reproductive Harm Warning. For more information go to www.P65Warnings.ca.gov.




6 Series Loclets Reco

wing nut		Part o Brass		i e	Thread i e PTF
		B-6125-08	3/4"	1/2-14	
		B-6125-12		3/4-14	
		B-6125-16	1"	1 - 11-1/2	
		B-6125-20	1-1/4"	1 1/4 - 11-1/2	
B-6125-24	1-1/2"	1 1/2 - 11-1/2			


Hex nut		Part o Brass		i e	Thread i e PTF
		B-6135-12	3/4"	3/4-14	
		B-6135-20	1-1/4"	1 1/4 - 11-1/2	
		B-6135-24	1-1/2"	1 1/2 - 11-1/2	


6 Series Plugs Reco

Plugs		Part o		i e	Thread i e PTF
		ith Flange	ithout Flange		
		B-6115-08	B-6105-08	3/4"	1/2-14
		B-6115-12	B-6105-12		3/4-14
		B-6115-16	B-6105-16	1"	1 - 11-1/2
		B-6115-20	B-6105-20	1-1/4"	1 1/4 - 11-1/2
B-6115-24	B-6105-24	1-1/2"	1 1/2 - 11-1/2		

Optional Flange		Part o		i e
		B-6107-08	3/4"	
		B-6107-16	1"	
		B-6107-20	1-1/4"	
B-6107-24	1-1/2"			

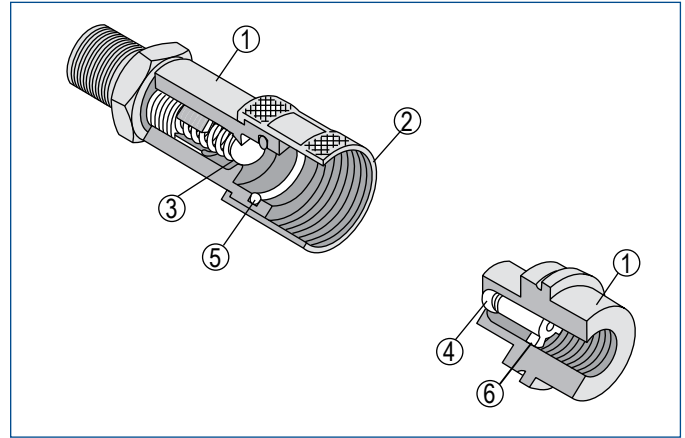
Dust Plugs Dust Caps Reco

Dust Plugs		Part o	i e	PTF Thread	Description
		B-6109-08	3/4"	3/4-14	
		B-6109-16	1"	1 - 11-1/2	
		B-6109-20	1-1/4"	1 1/4 - 11-1/2	
		B-6109-24	1-1/2"	1 1/2 - 11-1/2	

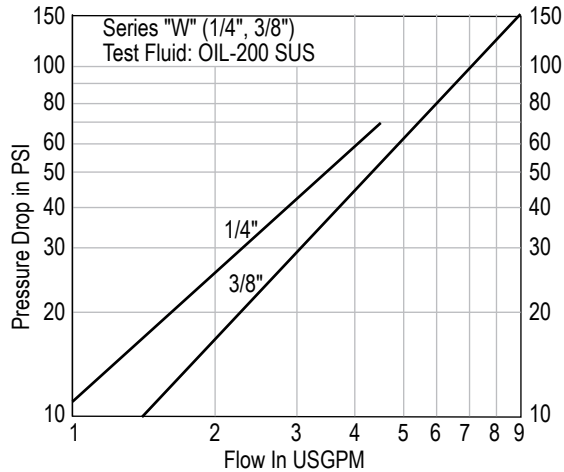
Dust Caps		Part o	i e	PTF Thread	Description
		B-6108-08	3/4"	3/4-14	
		B-6108-16	1"	1 - 11-1/2	
		B-6108-20	1-1/4"	1 1/4 - 11-1/2	
		B-6108-24	1-1/2"	1 1/2 - 11-1/2	

Features

1. Machined from solid steel bar stock for durability.
2. The "W" Series has a threaded sleeve locking mechanism, mates with matching male threads on the plug. The two halves must be manually threaded together for connection.
3. Hard, chrome alloy balls are used for valving. They are spring loaded for positive sealing of the valve.
4. The valve provides a metal-to-metal seal between the ball and a coined seat.
5. The body seal is polyurethane which resists high pressure extrusion.
6. A threaded valve retainer provides a valve stop that assures positive valve alignment.



Performance



Applications

The "W" Series couplings with their threaded union locking system and precision ball-type check valves, are designed for extreme high pressure applications such as found on portable hydraulic rams.

Specifications:

	SIZE
Rated Pressure (psig) Static	10,000
Temperature Range (std seals)	-10° to +250°F.

Note

Protective dust plugs and caps play a crucial role in the life of a quick coupling and no purchase of a hydraulic quick coupling is complete without the selection of an appropriate dust plug and cap.

W Series Couplings & Plugs

Male Thread	Part Number		Size	Thread
	Male	Female		
	B-2WM2-S	B-2WEM2-S	1/4"	1/4-18
	B-3WM3-S	B-3WEM3-S	3/8"	3/8-18

Female Thread	Part Number		Size	Thread
	Male	Female		
	B-3WF3-S	B-3WEF3-S	3/8"	3/8-18

W Series Plugs & Caps

Female Thread	Part Number		Size	Thread PFT
	Male	Female		
	B-W2F2-S	B-W2EF2-S	1/4"	1/4-18
	B-W3F3-S	B-W3EF3-S	3/8"	3/8-18

Dust Plugs & Dust Caps

Dust Plug Part Number	Dust Cap Part Number	Size
B-3005-2	-	1/4"
B-3005-3	B-3009-3	3/8"

Brand - Designates **F**=Foster or **B**=Breco Part



F Series Products Straight thru

Part no	Brand	FPT	Description		
12FS	F	1/8"	Brass		
12FS-101			Brass, w/Viton Seal		
BL12FS			Ball Lock, Brass		
12FSS			303 Stainless		
12FSS-101			303 Stainless, w/Viton Seal		
12FSS-103			303 Stainless, w/EPDM Seal		
BL12FSS			Ball Lock, 303 Stainless Steel		
25FS			F	1/4"	Brass
2STF2-B					Brass, w/Viton Seal
25FS-101					Ball Lock, Brass
BL25FS	303 Stainless				
25FSS	303 Stainless, w/Viton Seal				
2STF2-SS	303 Stainless, w/EPDM Seal				
25FSS-101	Ball Lock, 303 Stainless Steel				
25FSS-103	303 Stainless, w/EPDM Seal				
BL25FSS	Ball Lock, 303 Stainless Steel				
38FS	F	3/8"			Brass
3STF3-B			Brass, w/Viton Seal		
38FS-101			Brass, w/EPDM Seal		
38FS-103			Ball Lock, Brass		
BL38FS			303 Stainless		
38FSS			303 Stainless, w/Viton Seal		
38FSS-101			303 Stainless, w/EPDM Seal		
38FSS-103			Ball Lock, 303 Stainless Steel		
BL38FSS			Ball Lock, 303 Stainless Steel		
50FS			F	1/2"	Brass
50FS-101	Brass, w/Viton Seal				
50FS-103	Brass, w/EPDM Seal				
BL50FS	Ball Lock, Brass				
50FSS	303 Stainless				
4STF4-SS	303 Stainless, w/Viton Seal				
50FSS-101	303 Stainless, w/EPDM Seal				
50FSS-103	Ball Lock, 303 Stainless Steel				
BL50FSS	Ball Lock, 303 Stainless Steel				



Part no	ID	Description
38HS	3/8"	Brass
BL38HS		Ball Lock, Brass
50HS	1/2"	Brass
BL50HS		Ball Lock, Brass

Requires Hose Clamp (See page 126 for typical hose clamps)



Part no	Brand	FPT	Description
75FS	F	3/4"	Brass
BL75FS			Ball Lock, Brass
75FS-101			Brass, w/Viton Seal
75FS-103			Brass, w/EPDM Seal
75FS-104			Brass, w/Silicone Seal
75FSS			303 Stainless
75FSS-101			303 Stainless, w/Viton Seal
75FSS-103			303 Stainless, w/EPDM Seal
BL75FSS			Ball Lock, 303 Stainless Steel
100FS			F
100FS-101	Brass, w/Viton Seal		
BL100FS	Ball Lock, Brass		
100FSS	303 Stainless		
BL100FSS	Ball Lock, 303 Stainless Steel		
125FS	F	1-1/4"	Brass
BL125FS			Ball Lock, Brass
125FS-103			Brass, w/EPDM Seal
150FS	F	1-1/2"	Brass
BL150FS			Ball Lock, Brass



Part no	Brand	PT	Description
12MS	F	1/8"	Brass
BL12MS			Ball Lock, Brass
1STM1-SS			303 Stainless
25MS	F	1/4"	Brass
2STM2-B			Ball Lock, Brass
BL25MS			Brass, w/Viton Seal
25MS-101			303 Stainless
25MSS			303 Stainless
2STM2-SS	B	3/8"	Brass
38MS			Brass, w/Viton Seal
3STM3-B			Ball Lock, Brass
38MS-101			303 Stainless
BL38MS			303 Stainless
38MSS			303 Stainless
3STM3-SS			303 Stainless
50MS	F	1/2"	Brass
4STM4-B			Brass, w/Viton Seal
50MS-101			Ball Lock, Brass
BL50MS			303 Stainless
50MSS			303 Stainless
4STM4-SS	B	3/4"	Brass
75MS			Ball Lock, Brass
BL75MS			303 Stainless
6STM6-SS	B	1"	Brass
100MS			Ball Lock, Brass
BL100MS			303 Stainless
8STM8-SS	B	1"	303 Stainless




Brand - Designates **F**=Foster or **B**=Breco Part
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See page 164 for full size templates
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Series Plugs Straight

Female Thread		Part No	Brand	FPT	Description
		ST1F1-S	B		1/8"
12FPB	F		Brass		
ST1F1-B	B		303 Stainless		
		12FPS	F		
		ST1F1-SS	B		
		25FP	F	1/4"	Steel
		ST2F2-S	B		Steel, Extended Plug
		ST2F2-S-E	B		Brass
		25FPB	F		303 Stainless
		25FPS	F		
		38FP	F	3/8"	Steel
		ST3F3-S	B		Brass
		38FPB	F		303 Stainless
		38FPS	F		
		50FP	F	1/2"	Steel
		ST4F4-S	B		Brass
		50FPB	F		303 Stainless
		50FPS	F		
		ST4F4-SS	B		
		75FP	F	3/4"	Steel
		ST6F6-S	B		Brass
		75FPB	F		303 Stainless
		75FPS	F		
		100FP	F	1"	Steel
		100FPB	F		Brass
		100FPS	F		303 Stainless
		125FP	F	1-1/4"	Steel
		125FPB	F		Brass
		150FP	F	1-1/2"	Steel
		150FPB	F		Brass

Male Thread		Part No	Brand	PT	Description
		12MP	F		1/8"
ST1M1-S	B		Brass		
12MPB	F		303 Stainless		
		12MPS	F		
		25MP	F	1/4"	Steel
		ST2M2-S	B		Brass
		25MPB	F		303 Stainless
		25MPS	F		
		38MP	F	3/8"	Steel
		ST3M3-S	B		Brass
		38MPB	F		303 Stainless
		38MPS	F		
		50MP	F	1/2"	Steel
		ST4M4-S	B		Brass
		50MPB	F		303 Stainless
		50MPS	F		
		ST4M4-SS	B		
		75MP	F	3/4"	Steel
		ST6M6-S	B		Brass
		75MPB	F		303 Stainless
		75MPS	F		
		100MP	F	1"	Steel
		ST8M8-S	B		Brass
		100MPB	F		303 Stainless
		100MPS	F		
		100MPB	F	1-1/4"	Steel
		ST8M8-B	B		Brass
		100MPS	F		303 Stainless
		125MP	F	1-1/4"	Steel
		125MPB	F		Brass
		150MP	F	1-1/2"	Steel
		150MPB	F		Brass

Hose Item		Part No	ID	Description
		25HP		1/4"
		38HPB	3/8"	Brass
		75HPB	3/4"	

Requires Hose Clamp (See page 126 for typical hose clamps)

Brand - Designates **F**=Foster or **B**=Breco Part

See page 164 for full size templates
See pages 149 - 150 for optional seal compounds

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Blow Guns Air Chucks

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Handy-Air Blow Guns & Accessories

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☒☒ ☒eries ☒ever ☒ p. ☒ow ☒ uns ☒reco

BRECO BG Series Blowguns combine durability, performance, and safety to meet your specific cleaning or drying applications.

- Lever activation
- 10 different nozzle choices
- Blow gun kit provides versatility
- Quick-disconnect nozzle adapter
- 1/4" NPT inlet
- OSHA Compliant* @ Max 150 Psig inlet Pressure

BG eries Le er perated		Part o	Description
		116482	Lever Action Gun Only- NO TIPS INCLUDED
		BG-CPLR	Shown w/optional Quick Change Adapter

☒☒ ☒eries Pisto☒☒ rip ☒ow ☒ un ☒reco

Pistol grip blow gun is ergonomically designed for comfort and safety.

- Lightweight nylon body insulates from refrigerated air
- Lever style trigger with comfortable grip for variable air flow
- 1/4" NPT brass female inlet
- 125 PSIG inlet maximum

BG eries Pistol Grip		Part o	Description
		301804	Pistol Grip Gun with 3-3/4" extension nozzle

☒ow ☒ un ☒its ☒reco



☒ G☒☒ ☒☒☒☒ – The versatile BRECO blow gun kit BG-KIT-F1 contains three of the most popular nozzles for industrial and automotive uses as well as a 1/4" standard plug for easy air hose connection. This kit includes a high quality, lever-operated heavy duty blow gun featuring a quick disconnect coupler which allows users to switch nozzles quickly and easily. Also included are a high flow safety nozzle, six inch extension safety nozzle, rubber tip nozzle and quick connector plug for connecting blow gun to shop air supply. The kit comes ready for hanging display in a clear clamshell package.












The BRECO **BGQ IT** contains five of the most popular nozzles for industrial and automotive uses. This kit includes a high quality, lever-operated heavy-duty blow gun featuring a quick disconnect nozzle adapter which allows users to switch nozzles quickly and easily. This multi-use kit contains a high flow safety nozzle, six inch extension safety nozzle, rubber tip nozzle, needle tip nozzle, and air-screen safety nozzle. For handy storage, a clear vinyl compartmented snap pouch is included.



To Order Complete Kit Use Part Number - **BGQKIT**

AR I G: *Blowguns that comply with OSHA regulations will limit the pressure of air exiting the gun to less than 30 psig when the tip is dead-headed. All Foster blowguns using "standard" and "safety" tips are OSHA compliant and are available with either removable threaded tips or tamper resistant crimped tips.*

Blow Guns Accessories & Reco

Blow Gun Accessories	Gun with nozzle	Model No.	Description	Performance		
				Flow CF	Outlet Blocked	Pressure Leakage
	BG21 LEVER GUN W/NOZZLE	BGN1	 Standard nozzle for general blowing and drying applications	17.5	20	89.5
	BG2B5 LEVER GUN W/NOZZLE	BGNB5	 Air Screen nozzle reduces chip fly back	5	18	85
	BG25 LEVER GUN W/NOZZLE	BGN5	 High flow safety nozzle for general dusting and chip removal	20	20	89
	BG45 PISTOL GUN W/NOZZLE					
	BG26 (*) LEVER GUN W/NOZZLE	BGN6	 Needle tip nozzle for fine flow and for small holes	(*)	-	-
	BG27 (*) LEVER GUN W/NOZZLE	BGN7	 Rubber tipped nozzle for delicate surfaces and for blowing out fluid lines	(*)	-	-
	BG2X3 LEVER GUN W/NOZZLE	BGX3	 Extension nozzle - 3"	15	21	85.5
	BG2X6 LEVER GUN W/NOZZLE	BGX6	 Extension nozzle - 6"	14.1	22	84
	BG2X12 LEVER GUN W/NOZZLE	BGX12	 Extension nozzle - 12"	13.3	24	85.5
	BG4X12 PISTOL GUN W/NOZZLE					
	-	BGN2	 Flexible Extension Nozzle - 4"	-	-	-
	-	BGN3	 Flexible Extension Nozzle - 12"	-	-	-
	BG-CPLR LEVER GUN W/NOZZLE	BGADP	 Quick change nozzle adapter	-	-	-

* WARNING: To be OSHA compliant, non-relieving nozzles may only be used when the blowgun's inlet pressure is regulated to 30 Psig maximum.

Air Chucks & Reco

Three BRECO Air Chucks are available: a right angle heavy-duty air chuck, a heavy duty straight body air chuck, and a dual air chuck for all your air fill needs. All three air chucks have 1/4" FPT inlets.

150 psig
Right Angle
Air Chuck



300 psig
Straight Body
Air Chuck






	ES I
AC40	1/4" FPT 150 psig Right Angle Air Chuck,
AC45	1/4" FPT 300 psig Straight Body Air Chuck

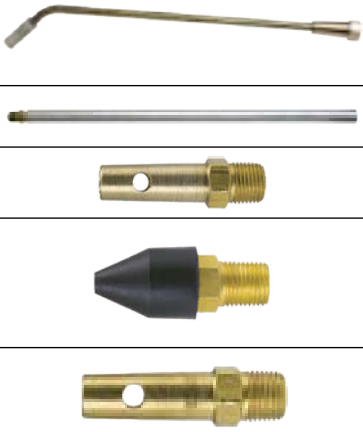
Brand - Designates **F**=Foster or **B**=Breco Part
Foster Engineering Catalog

Brand - Designates **F**=Foster or **B**=Breco Part

WARNING: Cancer and Reproductive Harm Warning. For more information go to www.P65Warnings.ca.gov.

Hand☒☒☒ir☒ ☒☒☒ow ☒☒☒uns ☒☒☒ Foster

Handy-Air Le er perated		Part o	Description
		BG2L-30P	Pressed – Standard Tip
		BG2L-30STP	Pressed – Safety Tip
		BG2L-30STT	Threaded – Safety Tip
		BG2L-30T	Threaded – Standard Tip
Handy-Air Button perated		BG2-30P	Pressed – Standard Tip
		BG2-30STP	Pressed – Safety Tip
		BG2-30STT	Threaded – Safety Tip
		BG2-30T	Threaded – Standard Tip
Handy-Air Pistol Grip		PG2P	Pressed – Safety Tip
		PG2T	Threaded – Safety Tip

Handy-Air Blow Gun Accessories		Part o	Description
		EX10DH	xtension
		EX12	xtension
		EX2	High Flow a ety o le
		EX2RT	Ru er Tip
		EX2RT-104 w/Silicone Seal	
EX2ST	a ety Air creen Tip		

AR I G: Blowguns that comply with OSHA regulations will limit the pressure of air exiting the gun to less than 30 psig when the tip is dead-headed. All Foster blowguns using "standard" and "safety" tips are OSHA compliant and are available with either removable threaded tips or tamper resistant crimped tips.

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Reusable Hose Fittings

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Weld Fittings

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Valve Series Plug Valve Reco

1/4"-18 Female or Male NPT

5 GPM (water at 100psig)

EPDM: -40° to +300°F


1/4"-18 Male NPT

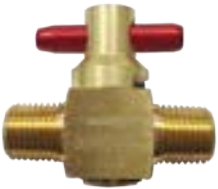
EPDM or Viton

Viton: -15° to +400°F

3,000 PSIG

(Contact Foster for seal options)


Female x Male		Part No	PT	Description
		B-7500-2	1/4"-18	Female x Male Quarter-Turn Valve Brass with EPDM Seal


Male x Male		Part No	PT	Description
		B-7500-2MXXMV	1/4"-18	Male x Male Quarter-Turn Valve Brass with Viton Seal

Waive w/ptionalocout Foster

- Provides low cost ON-OFF-EXHAUST operation
- Slide the sleeve to the ON position. Exhaust ports are closed, valve is open. Reversing the sleeve, opens exhaust ports, shuts off flow
- Ports covered for protection against exhaust flow

- Body detent secures sleeve position
- Valve with lockout complies with OSHA Standard 29 CFR, Part 1910
- to 200 PSIG
- 25° to +200°F

Fost-Air Three way sleeve		Part No	PT	Description
		3W125	1/8"	Brass
		3W250	1/4"	
		3W375	3/8"	
		3W500	1/2"	

Fost-Air Three way sleeve Loc out		Part No	PT	Description
		LO250	1/4"	Valve Lockout With Chain
		LO375	3/8"	
		LO500	1/2"	

Drain Cocks Brass Fittings Reco

The design of the drain cock uses metal-to-metal seal which requires only hand tightening to assure positive leak-proof performance.


Materials: Brass bodies/steel handles except where noted.

Pressure: 150 psig max. (does not include hose or plastic tubing).

Used With: Copper, aluminum, steel hose and plastic tubing where applicable.

Temperature: -65° to +250°F

Conformance: Designed for automotive or industrial use. Not intended for natural gas, LPG, nuclear or aircraft application, except as noted.

Male Pipe Thread			SIZE
		DC-1	1/8"
		DC-2	1/4"
		DC-3	3/8"

Garden Hose Couplings Reco


The Garden Hose couplings are used anywhere water hoses are connected and disconnected frequently. They are used on a wide variety of applications including garden hoses, wash down system, and mobile water tank lines. The non-valved design permits maximum flow with minimum pressure drop.


- Brass and stainless steel construction for heavy duty service.
- Durable 4-ball locking mechanism for secure connections.
- Temperature-resistant BUNA seals for a leak-free service life.
- Provides secure nipple-to-hose clamping. Made from bar stock.

Specifications:

Rated Pressure: 200 psig


Temperature Range (BUNA seals): -40° to +250° F.


Loc out		Part No	Size	Thread
		B-7455	3/4"	3/4-11 1/2


Plug		Part No	Size	Thread
		B-7465	3/4"	3/4-11 1/2


Brand - Designates F=Foster or B=Breco Part


☒ Brass Fittings


Hose plicer		Part o	ID x D
		HS-B3	1/4" x 1/2"
		HS-B5	1/4" x 3/16"
		HS-B7	1/4" x 5/8"
		HS-D7	3/8" x 5/8"
		HS-D9	3/8" x 11/16"
		HS-D11	3/8" x 3/4"
HS-D13	3/8" x 13/16"		

Male Hose Terminal		Part o	PT x ID
		M7S	1/4" x 1/4"
		M13S	3/8" x 3/8"
M17S	1/2" x 1/2"		
Requires Hose Clamp (See page 126 for typical hose clamps)			

Push-on Male Fitting		Part o	Male PT x ID
		PM7S	1/4" x 1/4"
		PM13S	3/8" x 3/8"
PM17S	1/2" x 1/2"		
Hose clamps not required when used with "Push On" hose. See page 115.			

Hose plicer Standard Hose Bar		Part o	Brand	Hose ID
		BHS81	F	3/16"
		BHS82	F	1/4"
		HS-2-2	B	
		BHS83	F	5/16"
		BHS84	F	3/8"
		HS-3-3	B	
		BHS85	F	1/2"
HS-4-4	B			
Requires Hose Clamp (See page 126 for typical hose clamps)				

Hose plicer Push-Loc		Part o	Brand	Hose ID
		PHS82	F	1/4"
		POS-2-2	B	
		PHS84	F	3/8"
		POS-3-3	B	
		PHS85	F	1/2"
		POS-4-4	B	
		POS-6-6	B	3/4"
Hose clamps not required when used with "Push On" hose. See page 115.				

Female Pipe Thread Hose Bar		Part o	Brand	Hose ID	PT Thread
		HBF-1-1	B	1/8"	1/8-27
		HBF-1-2	B		1/4-18
		HBF-25-1	B	3/16"	1/8-27
		HBF-25-2			1/4-18
		F33	F	1/4"	1/8-27
		HBF-2-1	B		1/4-18
		F36	F	5/16"	1/4-18
		HBF-2-2	B		1/4-18
		HBF-5-2	B	3/8"	1/4-18
		HBF-3-1	B		1/8-27
		F38	F	1/2"	1/4-18
		HBF-3-2	B		3/8-18
		F40	F	1/2"	1/2-14
		HBF-3-3	B		1/4-18
		HBF-3-4		B	1/4-18
		HBF-4-2	B	3/8"	3/8-18
		F41	F		1/2-14
HBF-4-3	B	1/2"	1/2-14		
F42	F		1/2-14		
HBF-4-4	B	3/4"	3/4-14		
HBF-6-6	B		3/4-14		
Requires Hose Clamp (See page 126 for typical hose clamps)					



Mass Fittings

Part No	Brand	Hose ID	PT Thread
M1	F	1/8"	1/8-27
HBM-1-1	B		1/4-18
HBM-1-2	B		1/8-27
M2	F	3/16"	1/8-27
HBM-25-1	B		1/4-18
M6	F		1/8-27
M3	F	1/4"	1/8-27
HBM-2-1	B		1/4-18
M7	F		3/8-18
HBM-2-2	B	5/16"	1/8-27
M12	F		1/4-18
HBM-2-3	B		3/8-18
HBM-5-1	B	3/8"	1/8-27
M8	F		1/4-18
HBM-5-2	B		3/8-18
HBM-5-3	B	1/2"	1/8-27
M4	F		1/4-18
M5	F		3/8-18
HBM-3-1	B	3/4"	1/8-27
M9	F		1/4-18
HBM-3-2	B		3/8-18
M13	F	1"	3/8-18
HBM-3-3	B		1/2-14
M16	F		3/4-14
HBM-3-4	B	1 1/2"	1/4-18
HBM-3-6	B		3/8-18
M11	F		1/2-14
HBM-4-2	B	2"	3/8-18
M14	F		1/2-14
HBM-4-3	B		3/4-14
M17	F	2 1/2"	1/4-18
HBM-4-4	B		3/8-18
HBM-4-6	B		1/2-14
HBM-7-3	B	3"	3/8-18
HBM-7-4	B		1/2-14
HBM-7-6	B		3/4-14
M19	F	3 1/2"	1/2-14
HBM-6-4	B		3/4-14
M22	F		3/4-14
HBM-6-6	B	4"	3/4-14
HBM-8-6	B		1-11 1/2"
HBM-8-8	B		1-11 1/2"

Requires Hose Clamp (See page 126 for typical hose clamps)



Female Pipe Thread Hose Bar

Part No	Brand	Hose ID	PT Thread
PF36	F	1/4"	1/4-18
POF-2-2	B		1/8-27
POF-3-1	B	3/8"	1/4-18
POF-3-2	B		3/8-18
PF40	F	1/2"	3/8-18
POF-3-3	B		3/8-18
POF-4-3	B		1/2-14
POF-4-4	B	3/4"	1/2-14
PF42	F		1/2-14

Hose clamps not required when used with "Push On" hose. See page 115.



Female Pipe Thread Push-Loc Hose Bar

Part No	Brand	Hose ID	PT Thread
PM3	F	1/4"	1/8-27
POM-2-1	B		1/4-18
PM7	F		3/8-18
POM-2-2	B	3/8"	1/8-27
POM-2-3	B		1/4-18
PM5	F		3/8-18
POM-3-1	B	1/2"	1/8-27
PM9	F		1/4-18
POM-3-2	B		3/8-18
PM13	F	2"	1/2-14
POM-3-3	B		3/4-14
PM16	F		1/2-14
POM-3-4	B	2 1/2"	3/4-14
POM-3-6	B		1/4-18
PM11	F		3/8-18
PM14	F	3"	1/4-18
POM-4-2	B		3/8-18
POM-4-3	B		1/2-14
PM17	F	3 1/2"	1/2-14
POM-4-4	B		3/4-14
POM-4-6	B		1/2-14
PM19	F	4"	1/2-14
POM-6-4	B		1/2-14

Hose clamps not required when used with "Push On" hose. See page 115.




Female Pipe Thread Push-Loc Hose Bar


Brand - Designates **F**=Foster or **B**=Breco Part


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tee Pipe Fittings reco


Pipe Coupling		Part o	Female Pipe	Female Pipe
		B-5000-2	1/8"	1/8"
		B-5000-4-2	1/4"	1/8"
		B-5000-4	1/4"	1/4"
		B-5000-6-2	3/8"	1/8"
		B-5000-6-4	3/8"	1/4"
		B-5000-8-4	1/2"	1/4"
B-5000-8-6	1/2"	3/8"		


Hex Pipe nipple		Part o	Male Pipe	Female Pipe
		B-5404-2	1/8"	1/8"
		B-5404-4	1/4"	1/4"
		B-5404-6	3/8"	3/8"
		B-5404-8-4	1/2"	1/4"
		B-5404-8-6	1/2"	3/8"
		B-5404-8	1/2"	1/2"

Expanding Pipe Adapter		Part o	Male Pipe	Female Pipe
		B-5405-2-4	1/8"	1/4"
		B-5405-2-6	1/8"	3/8"
		B-5405-2-8	1/8"	1/2"
		B-5405-4-4	1/4"	1/4"
		B-5405-4-6	1/4"	3/8"
		B-5405-4-8	1/4"	1/2"
		B-5405-6-6	3/8"	3/8"
B-5405-6-8	3/8"	1/2"		


Clamps		Part o	Female	Hose D
		B-1113	1/2"	1/4"
		B-1518	5/8"	3/8"

Female Tee		Part o	Female Pipe Connections
		B-5605-2	1/8"
		B-5605-6	3/8"
		B-5605-8	1/2"


Tee ow		Part o	Male Pipe	Female Pipe
		B-5502-2	1/8"	1/8"
		B-5502-2-4	1/8"	1/4"
		B-5502-2-6	1/8"	3/8"
		B-5502-4-2	1/4"	1/8"
		B-5502-4	1/4"	1/4"
		B-5502-6-4	3/8"	1/4"
		B-5502-6	3/8"	3/8"
		B-5502-6-8	3/8"	1/2"
		B-5502-8-4	1/2"	1/4"
		B-5502-8-6	1/2"	3/8"


Tee ow		Part o	Male Pipe	Male Pipe
		B-5500-2	1/8"	1/8"
		B-5500-4-2	1/4"	1/8"
		B-5500-4	1/4"	1/4"
		B-5500-6-4	3/8"	1/4"
		B-5500-8-4	1/2"	1/4"
		B-5500-8-6	1/2"	3/8"


☒ Brass Fittings ☒ Breco


Street Elbow		Part no	PT Thread
		SE45-1-1	1/8"
		SE45-2-2	1/4"
		SE45-3-3	3/8"
		SE45-4-4	1/2"

Male Branch Tee		Part no	PT Thread
		B-324-0202	1/8"
		B-324-0404	1/4"
		B-324-0606	3/8"
		B-324-0808	1/2"


Street Tee		Part no	PT Thread
		SE90-1-1	1/8"
		SE90-2-2	1/4"
		SE90-3-3	3/8"
		SE90-4-4	1/2"


Female Pipe Cross		Part no	PT Thread
		C-1	1/8"
		C-2	1/4"
		C-3	3/8"
		C-4	1/2"


Female Pipe Tee		Part no	PT Thread
		PT-1	1/8"
		PT-2	1/4"
		PT-3	3/8"
		PT-4	1/2"

Internal Pipe Union		Part no	PT Thread
		FPE90-2-2	1/4"
		FPE90-3-3	3/8"
		FPE90-4-4	1/2"

☒ High Pressure Adapters ☒ Foster

PT High Pressure / Free High Pressure		Part no	ID x D	Description
		2B3MS	1/4" x 1/2"	Brass
		2B5MS	1/4" x 3/16"	
		2B7MS	1/4" x 5/8"	


PT High Pressure / Free High Pressure		Part no	ID x D	Description
		6P13MS	1/2" x 13/16"	Brass
		6P15MS	1/2" x 7/8"	
		6P17MS	1/2" x 15/16"	
		6P19MS	1/2" x 1"	


PT High Pressure / Free High Pressure		Part no	ID x D	Description
		4D7MS	3/8" x 5/8"	Brass
		4D9MS	3/8" x 11/16"	
		4D11MS	3/8" x 3/4"	
		4D13MS	3/8" x 13/16"	


Brand - Designates **F**=Foster or **B**=Breco Part
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on-wire adapters Foster

PT on-wire		Part no	ID x D	Description
		1B3	1/4" x 1/2"	Brass
		1B5	1/4" x 9/16"	
		1B7	1/4" x 5/8"	


PT on-wire		Part no	Brand	ID x D	Description
		2B3	F	1/4" x 1/2"	Brass
		B-183-4084	B		
		2B5	F	1/4" x 9/16"	Brass
		B-183-4094	B		
		2B7	F	1/4" x 5/8"	303 Stainless
		B-183-4104	B		
		2B7S/S	F	5/16" x 9/16"	Brass
		2C5	F		
		2C7	F	5/16" x 5/8"	Brass
		B-183-5104	B		
		B-183-5114	B	5/16" x 11/16"	Brass
		2D7	F	3/8" x 5/8"	
		B-183-6104	B		
		2D9	F	3/8" x 11/16"	Brass
		B-183-6114	B		
		2D11	F	3/8" x 3/4"	Brass
		B-183-6124	B		
		2D13	F	3/8" x 13/16"	Brass
		2P13		1/2" x 13/16"	
2P15	1/2" x 7/8"				
2P17	1/2" x 15/16"				
2P19	1/2" x 1"				


PT on-wire		Part no	Brand	ID x D	Description
		4B3	F	1/4" x 1/2"	Brass
		B-183-4086	B		
		4B5	F	1/4" x 9/16"	
		4B7	F	1/4" x 5/8"	
		B-183-5116	B	5/16" x 11/16"	
		4D7	F	3/8" x 5/8"	
		B-183-6106	B		
		4D9	F	3/8" x 11/16"	
		B-183-6116	B		
		4D11	F	3/8" x 3/4"	
		B-183-6126	B		
		4D13	F	3/8" x 13/16"	
		4P13	F	1/2" x 13/16"	
		4P15	F	1/2" x 7/8"	
		B-183-8146	B		
4P17	F	1/2" x 15/16"			
4P19	F	1/2" x 1"			


PT on-wire		Part no	Brand	ID x D	Description
		6D7	F	3/8" x 5/8"	Brass
		B-183-6108	B		
		6D9	F	3/8" x 11/16"	
		6D11	F	3/8" x 3/4"	
		B-183-6128	B		
		6D13	F	3/8" x 13/16"	
		6P13	F	1/2" x 13/16"	
		6P15	F	1/2" x 7/8"	
		B-183-8148	B		
		6P17	F	1/2" x 15/16"	
		B-183-8158	B		
		6P19	F	1/2" x 1"	


Brand - Designates **F**=Foster or **B**=Breco Part


Female Nut Foster

Female Nut		Part no	ID x D	Description
		1B3-S	1/4" x 1/2"	Brass/Steel
		1B5-S	1/4" x 9/16"	
		1B7-S	1/4" x 5/8"	
		1C5-S	5/16" x 9/16"	
		1C7-S	5/16" x 5/8"	
		1D7-S	3/8" x 5/8"	
		1D9-S	3/8" x 11/16"	
		1D11-S	3/8" x 3/4"	
1D13-S	3/8" x 13/16"			


Female Nut F		Part no	ID x D	Description
		2B3-S	1/4" x 1/2"	Brass/Steel
		2B5-S	1/4" x 9/16"	
		2B7-S	1/4" x 5/8"	
		2D7-S	3/8" x 5/8"	
		2D9-S	3/8" x 11/16"	
		2D11-S	3/8" x 3/4"	
2D13-S	3/8" x 13/16"			


Female Nut P		Part no	ID x D	Description
		5B3-S	1/4" x 1/2"	Brass/Steel
		5B5-S	1/4" x 9/16"	
		5B7-S	1/4" x 5/8"	
		5C5-S	5/16" x 9/16"	
		5C7-S	5/16" x 5/8"	
		5D7-S	3/8" x 5/8"	
		5D9-S	3/8" x 11/16"	
		5D11-S	3/8" x 3/4"	
5D13-S	3/8" x 13/16"			


Female Nut P		Part no	ID x D	Description
		8D7-S	3/8" x 5/8"	Brass/Steel
		8D9-S	3/8" x 11/16"	
		8D11-S	3/8" x 3/4"	
8D13-S	3/8" x 13/16"			

Female Nut P		Part no	ID x D	Description
		10P13-S	1/2" x 13/16"	Brass/Steel
		10P15-S	1/2" x 7/8"	
		10P17-S	1/2" x 15/16"	
10P19-S	1/2" x 1"			

Female Adapter for Female Nut Foster

Female Adapter		Part no	Size	Description
		1-2M	1/4"	Brass

Female Adapter P		Part no	Size	Description
		5-2M	1/4"	Brass

Female Adapter P		Part no	Size	Description
		10-3M	3/8"	Brass
10-4M	1/2"			

Brand - Designates **F**=Foster or **B**=Breco Part
Foster Engineering Catalog

Brand - Designates **F**=Foster or **B**=Breco Part



Foster Swivel Fittings improve maneuverability and ergonomics when using air tools and spray guns. Functioning like a universal joint, swivel fittings allow the hose to remain vertical at all times, which reduces operator fatigue, repetitive motion trauma, and fitting chafe. The non-marring series (plastic encapsulated) is ideal for applications where non-marring and scratch reduction is needed.

Standard Series:


- ☒ Steel body (1/4" and 3/8"), Aluminum body (1/2")
- ☒ High flow capacity, low pressure drop
- ☒ More sizes for simplified plumbing
- ☒ Plastic encapsulation (non-marring Series)

Non-Marring Series:


- ☒ Swivels 360 degrees in two independent planes
- ☒ Allows air hose to hang straight down when used with air tools
- ☒ Reduces operator fatigue
- ☒ Reduces the possibility of carpal tunnel syndrome
- ☒ Increases air hose life.

Material and Seal Options:


- ☒ Body: Brass, plated steel or aluminum with plastic covering
- ☒ Seals: Buna N

Swivel		Part #	FPT x PT	ax or ing Pressure	Desc
		25US90			
		25US90-101	1/4" x 1/4"	300 psig	Brass, w/Viton Seal


When used with percussion tools, a minimum of 18" of hose between tool and swivel is required.

Non-marring Swivel		Part #	FPT x PT	ax or ing Pressure	Desc
		190040	3/8" x 1/4"	150 psig	Steel/ Aluminum with Plastic Covering
		190041	3/8" x 3/8"		
		190042	1/2" x 1/2"		


When used with percussion tools, a minimum of 18" of hose between tool and swivel is required.

Male to Female Pipe		Part #	FPT x PT	ax or ing Pressure	Desc
		25US	1/4" x 1/4"	300 psig	Brass/Steel
		38US	3/8" x 3/8"		
		50US	1/2" x 1/2"		


When used with percussion tools, a minimum of 18" of hose between tool and swivel is required.

Non-marring Dual Swivel		Part #	FPT x PT	ax or ing Pressure	Desc
		190010A	3/8" x 1/4"	150 psig	Steel/ Aluminum with Plastic Covering
		190011A	3/8" x 3/8"		
		190012	1/2" x 1/2"		

When used with percussion tools, a minimum of 18" of hose between tool and swivel is required.

Brass Steel Dual Swivel		Part #	FPT x PT	ax or ing Pressure	Desc
		25US36	1/4" x 1/4"	300 psig	Brass/Steel

When used with percussion tools, a minimum of 18" of hose between tool and swivel is required.

Standard Swivel		Part #	FPT x PT	ax or ing Pressure	Desc
		190026A	1/4" x 1/4"	150 psig	Steel/ Aluminum
		190029A	3/8" x 1/4"		
		190027A	3/8" x 3/8"		
		190028	1/2" x 1/2"		

Without Plastic Covering
When used with percussion tools, a minimum of 18" of hose between tool and swivel is required.



Hytrex Hose Assemblies Foster

FR25-6SMY, FR25-12SMY, FR25-25SMY, FR25-50SMY:


- Impervious to oil, very abrasion resistant
- Recoil memory superior to Nylon
- Working length is approximately 60% of hose length
- Coiled length is 1/30th of hose length


FR25-6SMY, FR25-12SMY, FR25-25SMY, FR25-50SMY: -40°F to +125°F


FR25-6SMY, FR25-12SMY, FR25-25SMY, FR25-50SMY: 170 psig @ 76°F


FR25-6SMY, FR25-12SMY, FR25-25SMY, FR25-50SMY:


- Color - Yellow (Suffix Y for Yellow)
- Available in 100' lengths


Hytrex Recoil Hose	Part o ellow	Hose i e	Description
	FR25Y-100	¼"	Wound as 3-¾" Dia. Loop

Hytrex Recoil Hose Assem ies ale FTG	Part o ellow	Hose i e	Length
	FR25-6MY	¼"	6 FT
	FR25-12MY		12 FT
	FR25-25MY		25 FT
	FR25-50MY		50 FT

Hytrex Recoil Hose Assem ies wi e l FTG	Part o ellow	Hose i e	Length
	FR25-6SY	¼"	6 FT
	FR25-12SY		12 FT
	FR25-25SY		25 FT
	FR25-50SY		50 FT

Hytrex Recoil Hose Assem ies wi e l FTG	Part o ellow	Hose i e	Length
	FR25-6SMY	¼"	6 FT
	FR25-12SMY		12 FT
	FR25-25SMY		25 FT
	FR25-50SMY		50 FT

Hytrex Recoil Hose Assem ies l ow FTG	Part o ellow	Hose i e	Length
	FR25-6LY	¼"	6 FT
	FR25-12LY		12 FT
	FR25-25LY		25 FT
	FR25-50LY		50 FT


Blue Hytrex Recoil Hose Assem ies Female FTG	Part o ellow	Hose i e	Length
	FR25-6FY	¼"	6 FT
	FR25-12FY		12 FT
	FR25-25FY		25 FT
	FR25-50FY		50 FT


LIMITED SIZES AND COLOR SELECTION


Brand - Designates **F**=Foster or **B**=Breco Part





Hytrel Hose Fittings Foster

Spare Reusable Fittings - Male PT 	Part no	ID x D	PT	Description
	PSM53204	5/32" x 1/4"	1/4"	Swivel
	PRM0404	1/4" x 3/8"	1/4"	Rigid
	PSM0404			Swivel
	PRM0606	3/8" x 9/16"	3/8"	Rigid
	PSM0606			Swivel

Hytrel Recoil Hose Fittings - Male PT 	Part no	Hose i e x PT Thread	Description
	FR25M	1/4" x 1/4"	Kit
	FR50M	1/2" x 1/2"	

Hytrel Recoil straight Hose Fittings Free wheel under Pressure Male PT 	Part no	Hose i e x PT Thread	Description
	FR25S	1/4" x 1/4"	Kit
	FR50S	1/2" x 1/2"	

Hytrel Recoil Low Hose Fittings Male PT 	Part no	Hose i e x PT Thread	Description
	FR25L	1/4" x 1/4"	Kit

Hytrel Recoil straight Hose Fittings Female PT 	Part no	Hose i e x PT Thread	Description
	FR25F	1/4" x 1/4"	Kit

Introduction

Pneumatic QD

Hydraulic QD

Blow Guns & Accessories

Fittings & Accessories

Hoses & Fittings

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Push-On Hose Foster


Features:

- ☒ "Push-On" fittings do not require hose clamps. Hose grips barb through distortion of braid. Forms leak proof grip with "Push-On" fitting. "Push-On" hose used with standard barbed fittings requires hose clamp.
- ☒ For shop air, pneumatic tools, petroleum base hydraulic oils, anti-freeze compounds, gasoline, water, lubricating oils, and diesel fuels.

Specifications:

Foster "Push-On" hose is constructed with a synthetic rubber tube, fiber braid reinforcement and a synthetic rubber cover, resistant to abrasion, oil and mildew.

- ☒ Temperature range: -40° to +212°F.

Bul Hose		Part no	Size	Description
		PO25	1/4" x 9/16"	Fiber Braid Reinforced Synthetic Rubber
		PO38	3/8" x 11/16"	Fiber Braid Reinforced Synthetic Rubber
		PO50	1/2" x 13/16"	Fiber Braid Reinforced Synthetic Rubber

Hose can be purchased by the reel or cut-to-length feet or less

Note: When used with Push-On fittings, hose clamps are not required.

1 Trim the end of the hose as square as possible.



2 Grip the Plug or socket firmly and Push On hose.



3 Completed connection, ensure that the hose is completely inserted.



☒☒☒☒ Hose ☒ anifold ☒☒ reco

Add versatility to your compressed air systems and simplify multiple tool operations. The BRECO 3-Way Hose Manifolds allow three work stations to use the same air supply. Featuring a port design to maximize air flow through the body for less restriction on flow than other similar products on the market. Each manifold accepts three quick couplers or outlet hoses. Manifold has female NPT inlet and three female NPT outlets. Manifolds are available in three different inlet/outlet sizes.



3-Way Manifold



3-Way Flat Manifold

Part o	Inlet	utlet	Description
B-3404	1/4"	1/4"	3-Way Manifold
B-3406	3/8"	1/4"	
6124-A	1/4"	1/4"	3-Way Flat Manifold

☒☒☒☒ Hose ☒ anifold wit☒ ☒oc☒ets or ☒ wive☒Plugs ☒☒ reco

An expanded style of our 3-Way Hose Manifold is available pre-assembled with a choice of three D Series manual sockets or three swivel plugs. This operational versatility allows three independent work stations to function with the same air supply. The port design

of the BRECO 3-Way Hose Manifold maximizes air flow through the body and is less restrictive on flow than other similar products on the market. The flexibility of quick disconnects, swivel plugs, or outlet hoses maximize air operations while improving efficiencies.



3-ay Manifold Shown



Free swivel under pressure eliminates hose twist

Part o	Description	Inlet	utlet
MAN2525A	3-Way Manifold with three D341 Sockets	1/4" FPT	Sockets 1/4" Industrial Interchange
MAN3825A	3-Way Manifold with three D341 Sockets	3/8" FPT	Sockets 1/4" Industrial Interchange
6124	Flat Manifold w/ 3 sockets & 1 plug (Industrial)	1/4" plug	1/4" sockets
MF-2	Manifold w/ 3 sockets & 1 plug (Industrial)	1/4" plug	1/4" sockets
MF-3	Manifold w/ 3 sockets & 1 plug (Industrial)	3/8" plug	3/8" sockets

Part o	Description	Inlet	utlet
MAN2525S*	3-Way Manifold with three Swivel Plugs	1/4" FPT	Swivel Plug 1/4" Industrial Interchange
MAN3825S*		3/8" FPT	Swivel Plug 1/4" Industrial Interchange

* Note: Swivel Plugs are OPEN. Connection is needed to avoid leak path.

LOOP AND RIN CLAMPS

ULL RAN E O LOOP RIN CA LE CLAMPS

P Loop Clamps

Plated Steel 1/2" (13mm) Wide
Page 118



P Loop Clamps

Plated Steel 3/4" (19mm) Wide
Page 119



PD Loop Clamps

2-Tube Cushioned Cable Clamps,
Plated Steel 3/4" (19mm) Wide
Page 119



PH Cush-A-Ring Clamps

SPH Cush-A-Ring Clamp for
Copper Tube or Steel Tube or Pipe
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PP Cush-A-Ring Clamps

SPP Cush-A-Ring Clamp for
PEX, CPVC, or PVC Pipe
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Loop Clamps

Vinyl Dipped - Galvanized Steel
1/2" (13mm) Wide
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L Z Loop Clamps

Vinyl Dipped Galvanized Steel
1" (24mm) Wide
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Loop Clamps

Vinyl Dipped Galvanized Steel
3/4" (19mm) Wide
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Loop Clamps

Stainless Steel 1/2" (13mm) Wide
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Ca le Clamps

Plastic Cable Clamps
Page 124



H Loop Clamps

Vinyl Dipped Galvanized Steel
1/2" (13mm) Wide
Page 125



H Loop Clamps

Stainless Steel 1/2" (13mm) Wide
Page 125



Python eries

Zinc Plated Steel
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Python II eries

Stainless Steel Type 316
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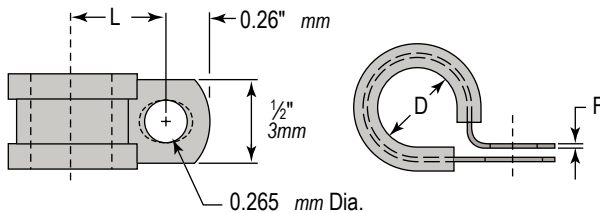


P Loop Clamps

Plated Steel Loop Clamps 1/2" (13mm) Wide



- Light to medium duty steel clamp
- E.P.D.M. cushion for electrical insulation and vibration absorption
- Steel clamps are zinc electroplated for corrosion resistance
- Some sizes available in aluminum. Contact factory for details.
- Temperature range -50°F to +275°F (-45°C to 135°C)



Plated steel Part #	stainless steel Part #	Dimensions in		
		D i e	L	F
P -	P -	3/16" (5mm)	0.499" (13mm)	0.032" (1mm)
P -	P -	1/4" (6mm)	0.530" (13mm)	
P -	P -	5/16" (8mm)	0.561" (14mm)	
P -	P -	3/8" (10mm)	0.592" (15mm)	
P -	P -	7/16" (11mm)	0.623" (16mm)	
P -	P -	1/2" (13mm)	0.655" (17mm)	
P -	P -	9/16" (14mm)	0.749" (19mm)	
P -	P -	5/8" (16mm)	0.780" (20mm)	
P -	P -	11/16" (17mm)	0.811" (21mm)	
P -	P -	3/4" (19mm)	0.840" (21mm)	
P -	P -	7/8" (22mm)	0.889" (23mm)	
P -	P -	1" (25mm)	0.952" (24mm)	
P -	P -	1-1/8" (29mm)	1.030" (26mm)	
P -	P -	1-1/4" (32mm)	1.093" (28mm)	
P -	P -	1-3/8" (35mm)	1.155" (29mm)	
P -	P -	1-1/2" (38mm)	1.218" (31mm)	
P -	P -	1-5/8" (41mm)	1.280" (33mm)	
P -	P -	1-11/16" (43mm)	1.280" (33mm)	
P -	P -	1-3/4" (44mm)	1.343" (34mm)	
P -	P -	1-7/8" (48mm)	1.405" (36mm)	
P -	P -	2" (51mm)	1.476" (37mm)	0.040" (1mm)
P -	P -	2-1/8" (5mm)	1.538" (39mm)	
P -	P -	2-1/4" (57mm)	1.661" (42mm)	
P -	P -	2-3/8" (60mm)	1.663" (42mm)	
P -	P -	2-1/2" (64mm)	1.728" (44mm)	
P -	P -	2-5/8" (67mm)	1.788" (45mm)	
P -	P -	3" (76mm)	1.976" (50mm)	
P -	P -	3-1/4" (83mm)	2.100" (53mm)	
P -	--	3-3/8" (86mm)	2.188" (56mm)	
P -	P -	3-1/2" (89mm)	2.226" (57mm)	
P -	P -	4" (102mm)	2.476" (63mm)	
P -	--	4-1/8" (105mm)	2.563" (65mm)	
P -	--	5" (127mm)	3.000" (76mm)	

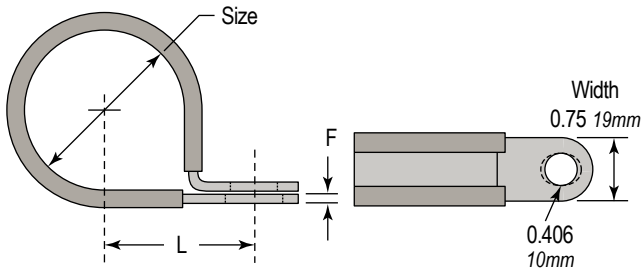
P Loop Clamps

Plated Steel 3/4" (19mm) Wide



- Light to medium duty steel clamp
- E.P.D.M. cushion for electrical insulation and vibration absorption
- Steel clamps are zinc electroplate for corrosion resistance
- Color - Silver with black durable cushion.
- Temperature range -50°F to +275°F - to 3

Available in stainless steel. Some sizes available in aluminum. Contact factory for details.

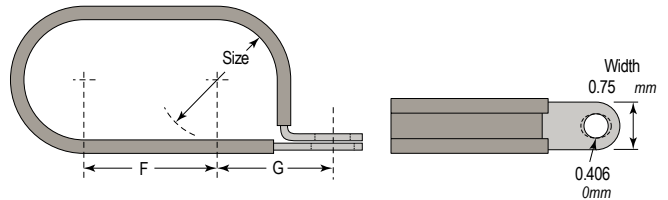


Plated steel Part o	tainless steel Part o	i e in	Dimensions in	
			L	F
P -	--	1/4" (6 mm)	0.639" (16 mm)	0.031" (1mm)
P -	--	5/16" (8 mm)	0.681" (17 mm)	
P -	--	3/8" (10 mm)	0.702" (18 mm)	
P -	--	7/16" (11 mm)	0.732" (19 mm)	
P -	--	1/2" (13 mm)	0.764" (19 mm)	
P -	--	9/16" (14 mm)	0.795" (20 mm)	
P -	--	5/8" (16 mm)	0.827" (21 mm)	
P -	P -	3/4" (19 mm)	0.889" (23 mm)	
P -	--	7/8" (22 mm)	0.952" (24 mm)	
P -	P -	1" (25 mm)	1.014" (26 mm)	
P -	P -	1-1/8" (29 mm)	1.090" (28 mm)	0.050" (1mm)
P -	P -	1-1/4" (32 mm)	1.159" (29 mm)	
P -	--	1-1/2" (38 mm)	1.284" (33 mm)	
P -	--	1-5/8" (41 mm)	1.346" (34 mm)	
P -	P -	1-3/4" (44 mm)	1.409" (36 mm)	
P -	--	1-7/8" (48 mm)	1.471" (37 mm)	
P -	--	2" (51 mm)	1.534" (39 mm)	
P -	P -	2-1/4" (57 mm)	1.659" (42 mm)	
P -	--	2-1/2" (64 mm)	1.784" (45 mm)	
P -	--	3" (76 mm)	2.034" (52 mm)	

PD Loop Clamps

2-Tube Cushioned Cable Clamps, Plated Steel 3/4" (19mm) Wide

- Medium duty steel clamp that can be slipped over two tubes or multiple wires and closed with a bolt at assembly.
- Steel clamps are zinc electroplate for corrosion resistance
- E.P.D.M. cushion for electrical insulation and vibration absorption
- Temperature range -50°F to +275°F (-45°C to 135°C)



Part o	i e In	Dimensions in	
		F	G
PD-	1/2" (13 mm)	0.500" (13 mm)	0.764" (19 mm)
PD-	5/8" (16 mm)	0.625" (16 mm)	0.864" (22 mm)
PD-	3/4" (19 mm)	0.750" (19 mm)	0.889" (23 mm)
PD-	1" (25 mm)	1.000" (25 mm)	1.014" (26 mm)
PD-	1-1/4" (29 mm)	1.125" (29 mm)	1.159" (29 mm)
PD-	2" (51 mm)	2.000" (51 mm)	1.549" (39 mm)

Available in stainless steel. Some sizes available in aluminum. Contact factory for details.

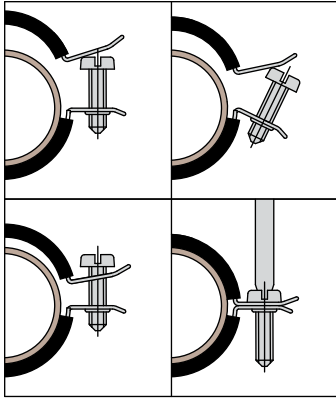


PH Cush-A-Ring Clamps

SPH Cush-A-Ring Clamp for Copper Tube or Steel Tube or Pipe

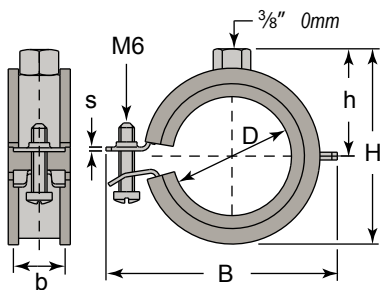


The **Cush-A-Ring** is a unique rubber lined hanger for copper and steel tube or pipe. The SPH-1 thru SPH-10 is a two-part clamp that has a hinged side with a single screw locking system. The quick locking system is easy to close with one hand, which makes it easier and faster for installation. The noise insulating rubber lining is made of UV-resistant EPDM rubber. The Cush-A-Ring is zinc plated for corrosion resistance.

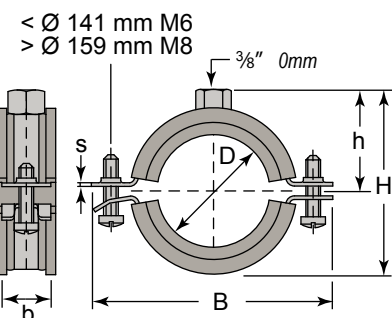


- Rubber lined, noise insulated
- With quick locking system
- Clamp easy to close with one hand
- UV-resistant black EPDM rubber lining
- Zinc plated
- ASTM E-84
- Meets - Buy America Act

PH- thru PH-



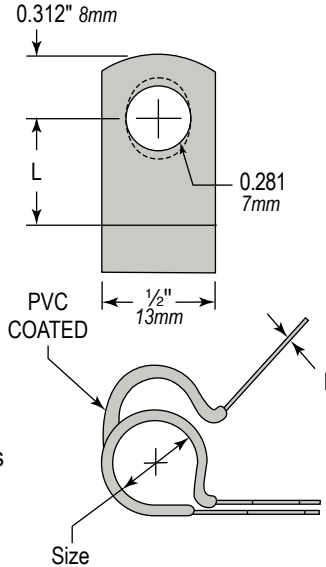
PH- thru PH-



Part #	Dimensions in							
	D mm	IP	CT	B	H	h	x s mm	
PH-	11 – 14	1/4" (6mm)	3/8" (10mm)	1.9" (48mm)	1.4" (36mm)	0.87" (22mm)	20 x 1.25	
PH-	15 – 18	3/8" (10mm)	1/2" (13mm)	1.9" (48mm)	1.4" (36mm)	0.87" (22mm)		
PH-	20 – 23	1/2" (13mm)	3/4" (19mm)	2.2" (56mm)	1.6" (41mm)	0.94" (24mm)		
PH-	25 – 28	3/4" (19mm)	1" (25mm)	2.4" (61mm)	1.8" (46mm)	1.10" (28mm)		
PH-	31 – 35	1" (25mm)	1-1/4" (32mm)	2.6" (66mm)	2.0" (51mm)	1.20" (30mm)		
PH-	40 – 43	1-1/4" (32mm)	1-1/2" (38mm)	3.0" (76mm)	2.4" (61mm)	1.30" (33mm)		
PH-	48 – 53	1-1/2" (38mm)	-	3.3" (84mm)	2.6" (66mm)	1.50" (38mm)		
PH-	54 – 56	-	2" (51mm)	3.5" (89mm)	2.8" (71mm)	1.60" (41mm)		
PH-	57 – 63	2" (51mm)	-	3.7" (94mm)	3.1" (79mm)	1.70" (43mm)		
PH-	64-70	-	2-1/2" (64mm)	4.5" (114mm)	3.9" (99mm)	2.20" (56mm)		23 x 2.00
Below parts have bolt configurations								
PH-	73-80	2-1/2" (64 mm)	3" (76 mm)	5.0" (127 mm)	4.3" (109 mm)	2.40" (61 mm)		23 x 2.00
PH-	83-91	3" (76 mm)	-	5.4" (137 mm)	4.8" (122 mm)	2.60" (66 mm)		25 x 2.50
PH-	100- 105	-	4" (102 mm)	6.0" (152 mm)	5.3" (135 mm)	2.90" (74 mm)		
PH-	108-114	4" (102 mm)	-	6.3" (160 mm)	5.7" (145 mm)	3.10" (79 mm)		

Loop Clamps

Vinyl Dipped - Galvanized Steel 1/2" (13mm) Wide

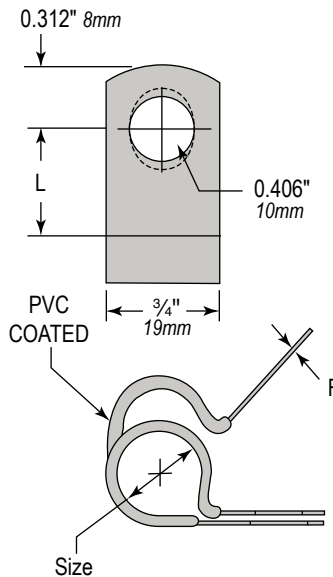


- Medium duty steel clamp that can be slipped over a tube or wire and closed with a bolt at assembly. Holes provide easy alignment. Its pre-developed shape allows for proper closing and excellent fit of the clamp.
- Galvanized Steel
- PVC coated, black color
- Temperature range -25°F to +160°F (-32°C to +71°C)

Part o	i e in	Dimensions in		
		L	F	
-	3/16" (5mm)	0.500" (13mm)	0.032" (1mm)	
-	1/4" (6mm)	0.531" (13mm)		
-	5/16" (8mm)	0.562" (14mm)		
-	3/8" (10mm)	0.593" (15mm)		
-	1/2" (13mm)	0.656" (17mm)	0.048" (1mm)	
-	9/16" (14mm)	0.687" (17mm)		
-	5/8" (16mm)	0.718" (18mm)		
-	3/4" (19mm)	0.781" (20mm)		
-	7/8" (22mm)	0.843" (21mm)		
-	1" (25mm)	0.906" (23mm)		
-	1-1/8" (29mm)	0.968" (25mm)		
-	1-1/4" (32mm)	0.991" (25mm)		
-				0.032" (1mm)
-				

Loop Clamps

Vinyl Dipped Galvanized Steel 3/4" (19mm) Wide



- Medium duty steel clamp that can be slipped over a tube or wire and closed with a bolt at assembly. Its pre developed shape allows for proper closing and excellent fit of the clamp..
- Galvanized Steel
- PVC coated, black color
- Temperature range -25°F to +160°F (-32°C to +71°C)

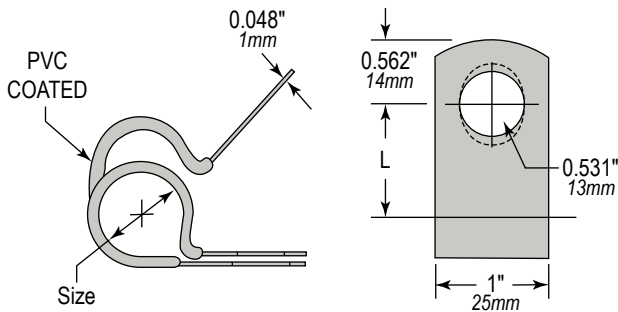
Part o	i e in	Dimensions in	
		L	F
-	1/4" (6mm)	0.656" (17mm)	0.032" (1mm)
-	5/16" (8mm)	0.562" (14mm)	
-	3/8" (10mm)	0.0718" (2mm)	
-	7/16" (11mm)	0.0710" (2mm)	0.048" (1mm)
-	1/2" (13mm)	0.781" (20mm)	
-	9/16" (14mm)	0.812" (21mm)	
-	5/8" (16mm)	0.843" (21mm)	
-	11/16" (18mm)	0.813" (21mm)	
-	3/4" (19mm)	0.906" (23mm)	
-	13/16" (21mm)	0.937" (24mm)	
-	7/8" (22mm)	0.968" (25mm)	
-	15/16" (24mm)	1.000" (25mm)	
-	1" (25mm)	1.031" (26mm)	
-	1.06" I.D. (25mm)	1.030" (26mm)	
-	1-1/8" (29mm)	1.092" (28mm)	
-	1-1/4" (32mm)	1.156" (29mm)	
-	1-3/8" (35mm)	1.218" (31mm)	
-	1-5/8" (41mm)	1.298" (33mm)	
-	1-3/4" (45mm)	1.478" (38mm)	
-	2-1/4" (57mm)	1.809" (46mm)	

L Z Loop Clamps

Vinyl Dipped Galvanized Steel 1" (25mm) Wide



- Heavy duty steel clamp
- Galvanized Steel
- PVC coated, black color
- Temperature range -25°F to +160°F (-32°C to +71°C)



Part o	i e in	L
L Z-	1-1/8" (29mm)	1.218" (31mm)
L Z-	1-3/16" (30mm)	1.250" (32mm)
L Z-	1-1/4" (32mm)	1.281" (33mm)
L Z-	1-5/16" (33mm)	1.312" (33mm)
L Z-	1-1/2" (38mm)	1.406" (36mm)
L Z-	1-9/16" (40mm)	1.437" (36mm)
L Z-	1-3/4" (44mm)	1.531" (39mm)
L Z-	1-13/16" (46mm)	1.562" (40mm)
L Z-	2" (51mm)	1.687" (43mm)
L Z-	2-1/16" (52mm)	1.718" (44mm)
L Z-	2-1/4" (57mm)	1.812" (46mm)
L Z-	2-1/2" (64mm)	1.937" (49mm)
L Z-	2-5/8" (67mm)	2.000" (51mm)
L Z-	2-3/4" (70mm)	2.062" (52mm)
L Z-	2-7/8" (73mm)	2.125" (54mm)
L Z-	3-9/16" (90mm)	2.437" (62mm)

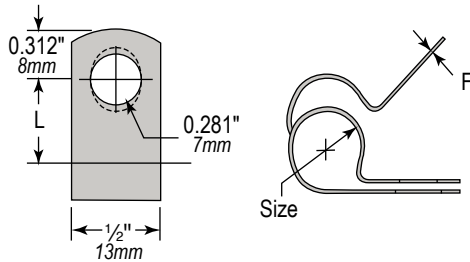


Loop Clamps

Stainless Steel 1/2" (13mm) Wide



- Medium duty steel clamp that can be slipped over a tube or wire and closed with a bolt at assembly. Holes provide easy alignment. Its pre-developed shape allows for proper closing and excellent fit.
- Stainless steel, type 301 or 304

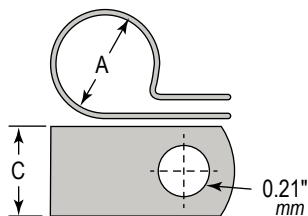


Part o	i e in	Dimensions in	
		L	F
-	3/16" (5mm)	0.500" (13mm)	0.032" (1mm)
-	1/4" (6mm)	0.531" (13mm)	
-	5/16" (8mm)	0.562" (14mm)	
-	3/8" (10mm)	0.593" (15mm)	
-	1/2" (13mm)	0.656" (17mm)	0.048" (1mm)
-	9/16" (14mm)	0.687" (17mm)	
-	5/8" (16mm)	0.718" (18mm)	
-	3/4" (19mm)	0.781" (20mm)	
-	7/8" (22mm)	0.843" (21mm)	
-	1" (25mm)	0.906" (23mm)	
-	1-1/8" (29mm)	0.968" (25mm)	
-			

Cable Clamps



Cable Clamps are perfect for securing wires and cables in the electric, automotive and aircraft industries.



Part o	A in	C in
CC -	0.130" (3mm)	0.358" (9mm)
CC -	0.189" (5mm)	
CC -	0.260" (7mm)	
CC -	0.307" (8mm)	0.362" (9mm)
CC -	0.382" (10mm)	
CC -	0.114" (3mm)	0.500" (13mm)
CC -	0.232" (6mm)	
CC -	0.358" (9mm)	
CC -	0.480" (12mm)	
CC -	0.543" (14mm)	
CC -	0.732" (19mm)	
CC -	0.858" (22mm)	
CC - -	1.100" (28mm)	

UV Black also available upon request Closed Bottom

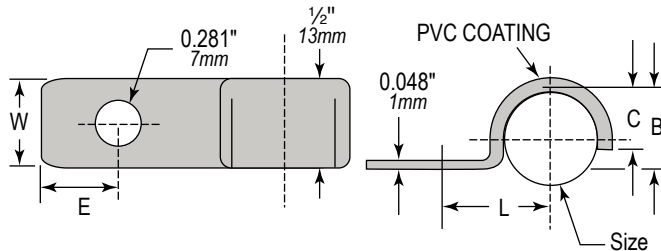


H Loop Clamps

Vinyl Dipped Galvanized Steel



- Black vinyl plastic coated (PVC)
- Galvanized Steel for corrosion resistance
- Temperature range -25°F to +160°F (-32°C to +71°C)



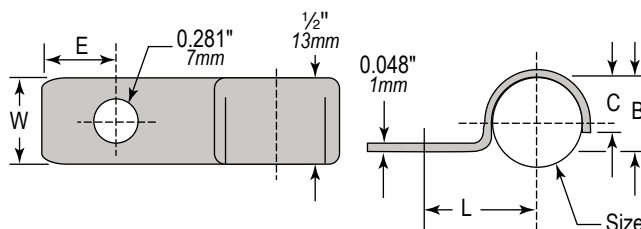
Part o	i e in	Dimensions in				
		L		B	C	
H -	1/4" (6mm)	0.500" (13mm)	0.250" (6mm)	0.250" (6mm)	0.188" (5mm)	1/2" (13mm)
H -	5/16" (8mm)	0.531" (13mm)	0.312" (8mm)	0.312" (8mm)	0.218" (6mm)	5/8" (16mm)
H -	3/8" (10mm)	0.562" (14mm)	0.312" (8mm)	0.375" (10mm)	0.281" (7mm)	
H -	1/2" (13mm)	0.687" (17mm)	0.312" (8mm)	0.500" (13mm)	0.343" (9mm)	
H -	9/16" (14mm)	0.750" (19mm)	0.312" (8mm)	0.562" (14mm)	0.437" (11mm)	
H -	5/8" (16mm)	0.812" (21mm)	0.312" (8mm)	0.625" (16mm)	0.406" (10mm)	
H -	3/4" (19mm)	0.875" (22mm)	0.312" (8mm)	0.750" (19mm)	0.468" (12mm)	

H Loop Clamps

Stainless Steel



- Stainless steel, Type 301 or 304



Part o	i e in	Dimensions in				
		L		B	C	
H -	1/4" (6mm)	0.500" (13mm)	0.250" (6mm)	0.250" (6mm)	0.188" (5mm)	1/2" (13mm)
H -	5/16" (8mm)	0.531" (13mm)	0.312" (8mm)	0.312" (8mm)	0.218" (6mm)	5/8" (16mm)
H -	3/8" (10mm)	0.562" (14mm)	0.312" (8mm)	0.375" (10mm)	0.281" (7mm)	
H -	1/2" (13mm)	0.687" (17mm)	0.312" (8mm)	0.500" (13mm)	0.343" (9mm)	
H -	9/16" (14mm)	0.750" (19mm)	0.312" (8mm)	0.562" (14mm)	0.437" (11mm)	
H -	5/8" (16mm)	0.812" (21mm)	0.312" (8mm)	0.625" (16mm)	0.406" (10mm)	
H -	3/4" (19mm)	0.875" (22mm)	0.312" (8mm)	0.750" (19mm)	0.468" (12mm)	





Python series

STRONG: Load is applied at right angles to ensure tight fit. Python hose clamps keep their grip on the hose and can be reused. Rolled up band edges ensure a smooth transition between band and hose. Hexagonal screw head with drive slot makes for easy accessibility.



The **Python II** provides greater clamping force with less trouble than heavy-duty T-Bolt type clamps.

- Lower cost than T-Bolts with superb performance.
- Thicker band for greater tensile strength.
- Greater clamping range than T-Bolt 1½" clamping range over 2" diameter
- 316 stainless steel
- Non perforated band with embossed threads safely seals without cutting the hose.



Python - Non-Perforated Embossed Clamp or Stainless Steel Type		
Part		Clamping Ranges in In mm
mm Band & Housing with mm Car on steel crew	All mm Band & Housing with mm crew	
P -	P -	5/16" x 15/32" (8mm x 12mm)
P -	P -	3/8" x 5/8" (10mm x 16mm)
P -	P -	15/32" x 25/32" (12mm x 20mm)
P -	P -	5/8" x 1-1/16" (16mm x 27mm)
P -	P -	25/32" x 1-1/4" (20mm x 32mm)
P -	P -	25/32" x 1-1/4" (20mm x 32mm)
P -	P -	1" x 1-9/16" (25mm x 40mm)
P -	P -	1-3/16" x 1-3/4" (30mm x 45mm)
P -	P -	1-1/4" x 1-31/32" (32mm x 50mm)
P -	P -	1-9/16" x 2-3/8" (40mm x 60mm)
P -	P -	1-31/32" x 2-3/4" (50mm x 70mm)
P -	P -	2-3/16" x 2-15/16" (55mm x 75mm)
P -	P -	2-3/4" x 3-1/2" (70mm x 90mm)
P -	P -	3-1/8" x 3-15/16" (80mm x 100mm)
P -	P -	3-1/2" x 4-5/16" (90mm x 110mm)
P -	P -	4-23/32" x 5-1/2" (120mm x 140mm)
P -	P -	5-29/32" x 6-11/16" (150mm x 170mm)
P -	P -	6-5/16" x 7-3/32" (160mm x 180mm)

Python II - Non-Perforated Embossed Clamp or Stainless Steel Type		
All mm Band & Housing with mm crew	Part	Clamping Ranges in mm
P -		5/16" x 15/32" (8mm x 12mm)
P -		3/8" x 5/8" (10mm x 16mm)
P -		15/32" x 25/32" (12mm x 20mm)
P -		5/8" x 1-1/16" (16mm x 27mm)
P -		25/32" x 1-1/4" (20mm x 32mm)
P -		25/32" x 1-1/4" (20mm x 32mm)
P -		1" x 1-9/16" (25mm x 40mm)
P -		1-3/16" x 1-3/4" (30mm x 45mm)
P -		1-1/4" x 1-31/32" (32mm x 50mm)
P -		1-9/16" x 2-3/8" (40mm x 60mm)
P -		1-9/16" x 2-3/8" (40mm x 60mm)
P -		1-31/32" x 2-3/4" (50mm x 70mm)
P -		2-3/16" x 2-15/16" (55mm x 75mm)
P -		2-3/8" x 3-1/8" (60mm x 80mm)
P -		2-3/4" x 3-1/2" (70mm x 90mm)
P -		2-3/4" x 3-1/2" (70mm x 90mm)
P -		3-1/8" x 3-15/16" (80mm x 100mm)
P -		3-1/2" x 4-5/16" (90mm x 110mm)
P -		3-15/16" x 4-23/32" (100mm x 120mm)
P -		4-5/16" x 5-1/8" (110mm x 130mm)
P -		4-23/32" x 5-1/2" (120mm x 140mm)
P -		5-1/8" x 5-29/32" (130mm x 150mm)
P -		5-1/2" x 6-5/16" (140mm x 160mm)
P -		6-5/16" x 7-3/32" (160mm x 180mm)
P -		6-11/16" x 7-15/32" (170mm x 190mm)
P -		7-3/32" x 7-7/8" (180mm x 200mm)

ETA CLAMPS AND BETA CLAMPS

IDEAL FOR CLAMPING PIPE, TUBE, HOSE, ELECTRICAL CABLES



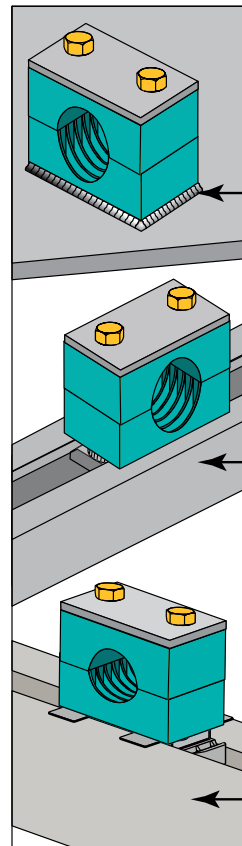
Beta Clamps are ideal for clamping pipe, tube, hose, and electric cables. They are an economical and easy way of securing them in all types of terrestrial, marine, O.E.M. and Industrial applications. Thanks to the advanced features and the breadth and depth of our product offering, Beta Clamps are used in all areas of industrial, mobile and marine hydraulics, general industrial pipe construction, the field of press technology, instrumentation and control technology, and many more.

- Beta Clamps offer shock-absorption, vibration dampening and noise reducing properties.
- Beta Clamps feature a practical and economical design which make for quick, easy pipe installation and layout.
- Upper and lower clamp half are identical.
- Ribs in clamp bore are designed to absorb shock and vibration in the direction of the tube axis.
- Clamp Body Standard – Polypropylene (Green Color) -22°F to 194°F -30 to 0
- Aluminum Clamp Body is available for use in high heat applications.

CLAMP COMPONENTS – The other metallic components of the clamps are manufactured in:

- Lower and upper plates: steel, stainless steel type 304
- Screw bolts: steel, S40C, stainless steel type 304

Foster's Beta Clamps offer an installation option for all of your application needs.



Common welded method

Install by welding the weld plate to existing steel

Din Rail mounted

Attach to C-Rail using Z IC-Rails

Strut mounted

Attach to Resanco Channel using our exclusive Channel Adapter



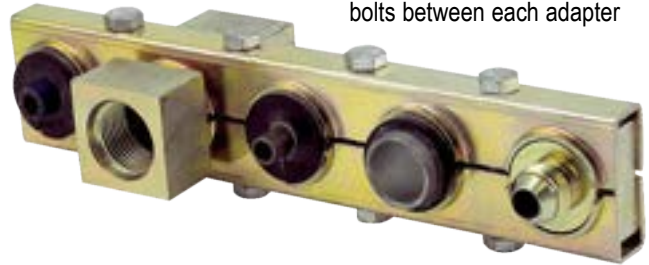
Z-Clamp nits

The **Z-Clamp** is designed to maintain a consistent center line dimension for horizontal clamping or vertical stackable clamping applications. The Z-Clamp maintains that center line while accommodating the same, or different diameter tubing, hose or pipe. Suited for all types of hydraulic hose, tubing, and pipe clamping applications, the Z-Clamp provides yet another alternative to the broadest cushion clamping product line in the world.

A Z-Clamp consists of an adapter framework which is offered in two versions. One has mounting bolts between each adapter insert and the other has two additional mounting bolts at each end of the frame.

Z-Clamps Pages -

Standard framework, bolts between each adapter



Outside hole framework, bolts between each adapter and two additional bolts at each end

Z-Clamps can be stacked for even more line clamping ability.

Z-Clamp and Beta Adapters

Optional Adapters

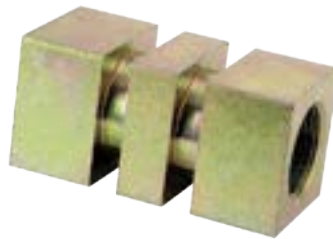
Beta Adapters

Page

Female Junction Adapter Page



-Ring Face Seal Page



The Z-Clamp inserts are also used with the Beta Adapter.



Rubber Split Bushings Page



Flare Male Junction Adapter Page





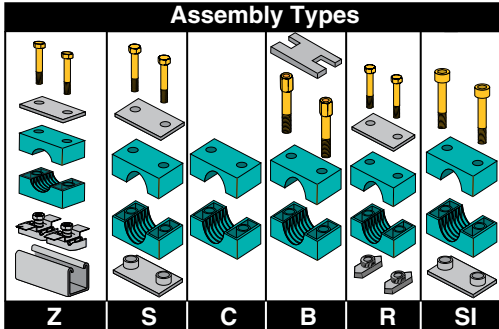
Standard Series Beta Clamps



Steel with Polypropylene Cushion

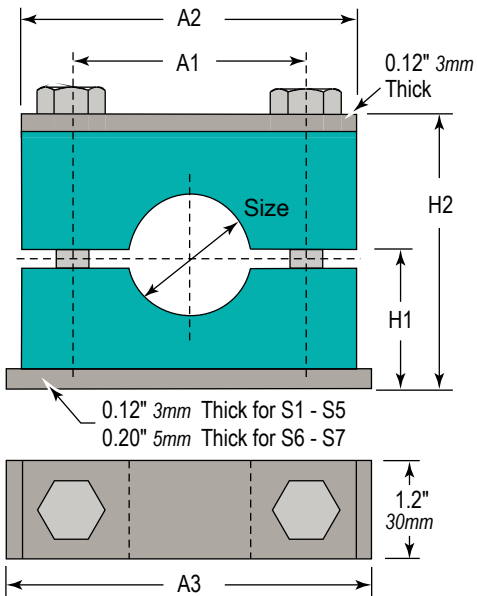


Steel with Aluminum Cushion



- Cushions are Polypropylene (Green Color)
- Recommended for systems with less than 1,500 psi / 0.3 bar without dynamic loads.
- Use for standard hydraulics, general pipe construction, electrical cables, and general duty piping applications subject to moderate levels of shock and vibration.
- Aluminum cushions are used in higher heat applications up to 500°F / 0.

I TALLATI - Refer to pages 165 - 168 for complete installation guide.



Group	Part o	Tube	Pipe	Metric	Dimensions - inch mm					Bolt
					A	A	A	H	H	
		1/4" (0.250)	-	-	0.78" (20)	1.34" (34)	1.41" (36)	0.62" (16)	1.25" (32)	1/4"-20 x 1/4"
		3/8" (0.375)	-	-						
		-	-	6mm						
		-	1/8" (0.405)	-						
		-	-	8mm						
		-	-	12mm	1.02" (26)	1.57" (40)	1.65" (42)	0.76" (19.5)	1.54" (39)	1/4"-20 x 1 3/8"
		1/2" (0.500)	-	-						
		-	1/4" (0.540)	-						
		5/8" (0.625)	-	-						
		-	-	14mm						
		-	-	15mm	1.29" (33)	1.96" (50)	2.04" (52)	0.80" (20.5)	1.61" (41)	1/4"-20 x 1 1/2"
		3/4" (0.750)	-	-						
		-	1/2" (0.840)	-						
		7/8" (0.875)	-	-						
		1" (1.000)	-	-						
		-	-	20mm	1.57" (40)	2.28" (58)	2.36" (60)	0.94" (24)	1.88" (48)	1/4"-20 x 1 3/4"
		-	-	25mm						
		1 1/8" (1.125)	-	-						
		-	3/4" (1.050)	-						
		-	-	30mm						
		1 1/4" (1.250)	-	-	2.04" (52)	2.75" (70)	2.83" (72)	1.25" (32)	2.52" (64)	1/4"-20 x 2 1/2"
		-	1" (1.315)	-						
		1 1/2" (1.500)	-	-						
		-	1 1/4" (1.660)	-						
		-	-	35mm						
		1 3/4" (1.750)	-	-	2.59" (66)	3.38" (86)	3.46" (88)	1.41" (36)	2.83" (72)	1/4"-20 x 2 3/4"
		-	1 1/2" (1.900)	-						
		2" (2.000)	-	-						
		-	-	-	3.70" (94)	4.75" (121)	4.81" (122)	2.00" (51)	4.05" (103)	1/4"-20 x 4"
		-	2" (2.375)	-						
		2 1/4" (2.250)	-	-						
		2 1/2" (2.500)	-	-						
		2 3/4" (2.750)	-	-						
	3" (3.000)	-	-							

*For additional sizes contact factory.

Note: Add assembly type to part number. Example: **-** provides the complete assembly as shown with stainless steel components.

NOTE: SM (metric) only available in Steel with Polypropylene (green) cushion.



	Components	Cushion	Example
none	Steel	Polypropylene (green)	
-AL	Steel	Aluminum	-AL
-SS	Stainless Steel	Polypropylene (green)	-

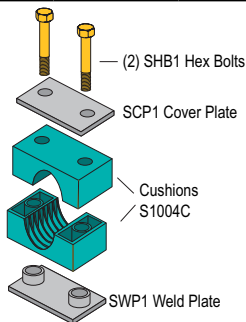




TA DARD RI C R PLAT			TA DARD RI AF T PLAT		
	CP	Use with Group S1		P	Use with Group S1
	CP	Use with Group S2		P	Use with Group S2
	CP	Use with Group S3		P	Use with Group S3
	CP	Use with Group S4		P	Use with Group S4
	CP	Use with Group S5		P	Use with Group S5
	CP	Use with Group S6		P	Use with Group S6
	CP	Use with Group S7		P	Use with Group S7
H B LT Two required per assembly			TA DARD RI CAP CR Two required per assembly		
	HB	Use with Group S1		C	Use with Group S1
	HB	Use with Group S2		C	Use with Group S2
	HB	Use with Group S3		C	Use with Group S3
	HB	Use with Group S4		C	Use with Group S4
	HB	Use with Group S5		C	Use with Group S5
	HB	Use with Group S6		C	Use with Group S6
	HB	Use with Group S7		C	Use with Group S7
TA DARD RI LD PLAT			TAC I G B LT - Two required per assembly		
	P	Use with Group S1		B	Use with Group S1
	P	Use with Group S2		B	Use with Group S2
	P	Use with Group S3		B	Use with Group S3
	P	Use with Group S4		B	Use with Group S4
	P	Use with Group S5		B	Use with Group S5
	P	Use with Group S6		B	Use with Group S6
	P	Use with Group S7		B	Use with Group S7
TR T T - For connection to Wesanco Channel Two required per assembly			A C CHA L		
	Z A -	Use with Groups S1-S7		1 5/8" x 1 5/8" (41mm x 41mm)	
				1 5/8" x 1 3/16" (41mm x 21mm)	
				1 5/8" x 1" (41mm x 25mm)	
				1 5/8" x 7/8" (41mm x 22mm)	
C-RAIL T - Two required per single assembly			C-RAIL		
	R -	1/4" Nut Use with SCR-1 & SCR-2		CR-	39" (1 meter)
				CR-	78" (2 meter)

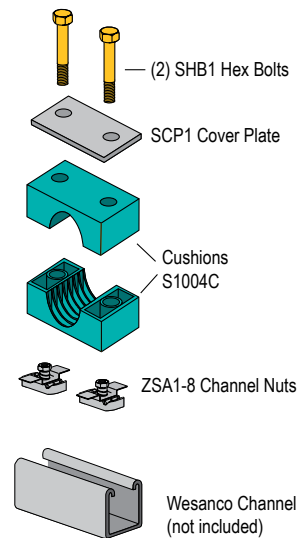
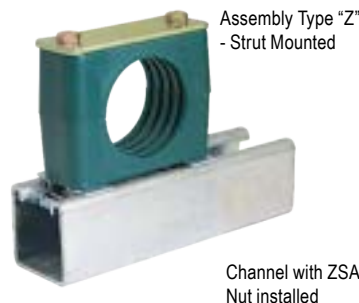
Welded Ordering Example -

Assembly Includes		
Quantity	Part No	Description
1 Each	P	Weld Plate
1 Each	CP	Cover Plate
2 Each	HB	Hex Bolts
1 Set	C	Cushions



Strut Mounted Ordering Example - Z

Z Assembly Includes		
Quantity	Part No	Description
2 Each	HB	Hex Bolts
1 Each	CP	Cover Plate
1 Set	C	Cushions
2 Each	Z A -	Channel Nuts



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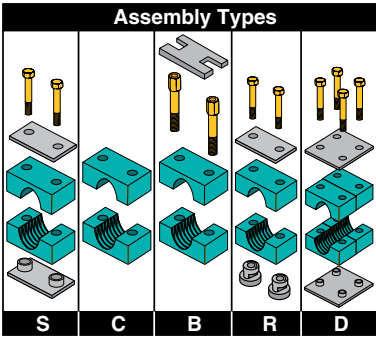
Heavy Series Beta Clamps



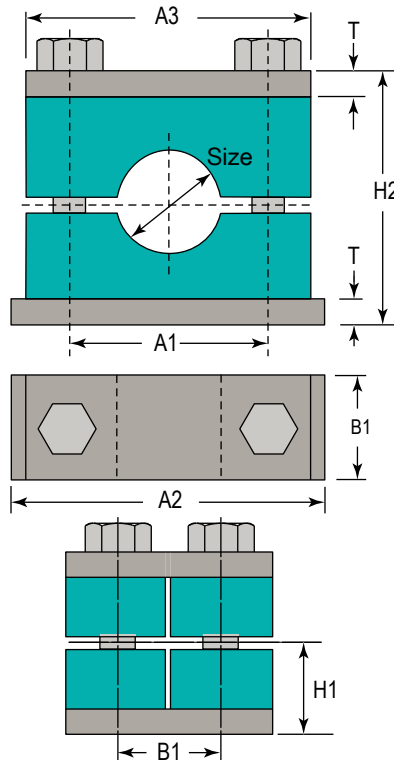
Steel with Polypropylene Cushion



Steel with Aluminum Cushion



- Recommended systems with greater than 1,500 psi (03 bar) operating pressure, operations with pressure surges, and applications with wide temperature fluctuations.
 - Absorbs high levels of shock, noise, and vibration
 - Cushions are polypropylene (Green color) or Aluminum.
 - Aluminum cushions are used in higher heat applications up to 500°F (260°C).
- I TALLATI** - Refer to pages 165 - 168 for complete installation guide.



Group	Part No	Tube	Pipe	Metric Tube	Dimensions-inch mm						Hex Bolt	
					A	A	A	B	H	H		T
H	H	1/4" (0.250)	-	-	1.29" (33)	2.87" (73)	2.16" (55)	1.18" (30)	0.94" (24)	1.88" (48)	0.31" (8)	3/8"-16 x 1-3/4"
	H	3/8" (0.375)	-	-								
	H	-	1/8" (0.405)	-								
	H	1/2" (0.500)	-	-								
	H	-	1/4" (0.540)	-								
	H	5/8" (0.625)	-	-								
	H	-	3/8" (0.675)	-								
	H	-	-	8mm (0.32")								
	H	-	-	12mm (0.47")								
	H	-	-	18mm (0.71")								
H	H	3/4" (0.750)	-	-	1.77" (45)	3.34" (85)	2.75" (70)	1.18" (30)	1.25" (32)	2.51" (64)	0.31" (8)	3/8"-16 x 2-3/4"
	H	-	1/2" (0.840)	-								
	H	7/8" (0.875)	-	-								
	H	1" (1.000)	-	-								
	H	-	3/4" (1.050)	-								
	H	-	-	20mm (0.79")								
	H	-	-	30mm (1.18")								
H	H	1 1/4" (1.250)	-	-	2.36" (60)	3.93" (100)	3.30" (84)	1.18" (30)	1.49" (38)	2.99" (76)	0.31" (8)	3/8"-16 x 2-3/4"
	H	-	1" (1.315)	-								
	H	1 1/2" (1.500)	-	-								
	H	-	1 1/4" (1.660)	-								
	H	-	-	35mm (1.38")								
H	H	1 3/4" (1.750)	-	-	3.54" (90)	5.90" (150)	4.52" (115)	1.77" (45)	2.16" (55)	4.33" (110)	0.39" (10)	1/2"-13 x 4"
	H	-	1 1/2" (1.900)	-								
	H	2" (2.000)	-	-								
	H	2 1/4" (2.250)	-	-								
	H	2 3/8" (2.375)	2" (2.375)	-								
	H	2 1/2" (2.500)	-	-								
H	H	2 3/4" (2.750)	-	-	4.80" (122)	7.08" (180)	5.98" (152)	2.36" (60)	2.75" (70)	5.51" (140)	0.39" (10)	5/8"-11 x 5-1/4"
	H	-	2 1/2" (2.870)	-								
	H	3" (3.000)	-	-								
H	H	3 1/2" (3.500)	3" (3.500)	-	6.61" (168)	8.86" (225)	8.07" (205)	3.15" (80)	3.94" (100)	7.87" (200)	0.59" (15)	M20 x 190mm
	H	-	4" (4.500)	-								
H	H	-	5" (5.563)	-	8.07" (221)	10.63" (270)	9.92" (252)	3.54" (90)	4.53" (115)	9.06" (230)	0.59" (15)	M24 x 220mm
	H	-	6" (6.625)	-								
H	H	-	8" (8.625)	-	10.43" (265)	13.39" (340)	12.60" (320)	4.72" (120)	6.30" (160)	12.60" (320)	0.98" (25)	M30 x 300mm
H	H	-	10" (10.750)	-	15.55" (395)	20.47" (520)	18.35" (466)	6.30" (160)	9.25" (235)	18.50" (470)	1.18" (30)	M30 x 450mm

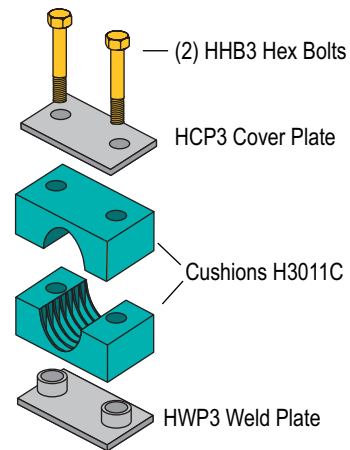
*For additional sizes contact factory.
 Note: Add assembly type to part number. Example: **H -** provides the complete assembly as shown with stainless steel components.

FFI	Components	Cushion	Example (complete assembly):
	Steel	Polypropylene (green)	H
-AL	Steel	Aluminum	H -AL
-	Stainless Steel	Polypropylene (green)	H -



H A R I C R PLAT			H A R I A F T PLAT			C-RAIL T Two re uired per single assem ly			
	HCP	Use w/Group H3		HP	Use w/Group H3		HR - -	3/8" Nut, Use w/Groups H3-H5	
	HCP	Use w/Group H4		HP	Use w/Group H4		HR -	7/16" Nut, Use w/Group H6	
	HCP	Use w/Group H5		HP	Use w/Group H5		Note: Rail mounted stacking kit is only available on groups H3, H4, and H5		
	HCP	Use w/Group H6		HP	Use w/Group H6				
	HCP	Use w/Group H7		HP	Use w/Group H7				
	HCP	Use w/Group H8		HP	Use w/Group H8				
	HCP	Use w/Group H9		HP	Use w/Group H9				
H A R I H B LT Two re uired per single assem ly			H A R I T A C I G B LT Two re uired per single assem ly			C-RAIL			
	HHB	Use w/Group H3		HB	Use w/Group H3		HCR-	39" (1 meter)	
	HHB	Use w/Group H4		HB	Use w/Group H4		HCR-	78" (2 meter)	
	HHB	Use w/Group H5		HB	Use w/Group H5				
	HHB	Use w/Group H6		HB	Use w/Group H6				
	HHB	Use w/Group H7		HB	Use w/Group H7				
	HHB	Use w/Group H8		HB	Use w/Group H8				
	HHB	Use w/Group H9		HB	Use w/Group H9				
H A R I LD PLAT			H A R I D B L LD PLAT			H A R I D B L C R PLAT			
	HP	Use w/Group H3		HDP	Use w/Group H3		DCP	Use w/Group H3	
	HP	Use w/Group H4		HDP	Use w/Group H4		DCP	Use w/Group H4	
	HP	Use w/Group H5		HDP	Use w/Group H5		DCP	Use w/Group H5	
	HP	Use w/Group H6		HDP	Use w/Group H6		DCP	Use w/Group H6	
	HP	Use w/Group H7		HDP	Use w/Group H7		DCP	Use w/Group H7	
	HP	Use w/Group H8							
	HP	Use w/Group H9							

elded rdering xample		
H		
Assem ly Includes		
Quantity	Part o	Description
1 Each	HP	Weld Plate
1 Each	HCP	Cover Plate
2 Each	HHB	Hex Bolts
1 Set	H C	Cushions



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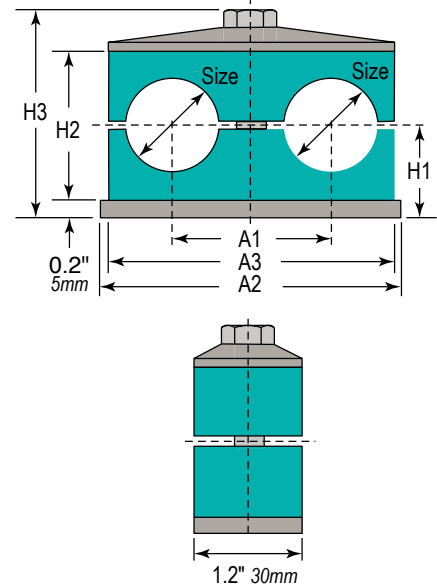
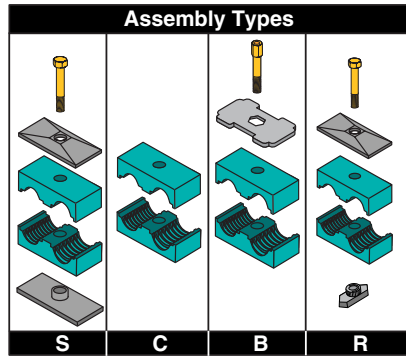
Beta Clamps & Z-Clamps

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Twin Series Beta Clamps



B T A C L A P T I R I are ideal for general-duty applications subject to moderate levels of shock and vibration. Cushions in this series are Polypropylene (Green Color).

Call factory for additional sizes and cushion materials.

I T A L L A T I - Refer to pages 165 - 168 for complete installation guide.

Group	Steel Part No	Tube Size	Pipe Size	Dimensions - inch mm						T/	Hex Bolt
				A	A	A	H	H	H		
T	T	1/4" (0.250)		0.78" (20)	1.45" (37)	1.41" (36)	0.72" (18.5)	1.06" (27)	1.69" (43)	21 (9.5 Kg)	1/4"-20 x 1-3/8"
	T	3/8" (0.375)								21 (9.5 Kg)	
	T		1/8" (0.405)							21 (9.5 Kg)	
T	T	1/2" (0.500)		1.14" (29)	2.16" (55)	2.08" (53)	0.70" (18)	1.02" (26)	1.71" (43.5)	31 (14 Kg)	5/16"-18 x 1-3/8"
	T		1/4" (0.540)							31 (14 Kg)	
	T	5/8" (0.625)								31 (14 Kg)	
	T		3/8" (0.675)							31 (14 Kg)	
T	T	3/4" (0.750)		1.41" (36)	2.75" (70)	2.63" (67)	0.92" (23.5)	1.45" (37)	2.14" (54.5)	40 (18 Kg)	5/16"-18 x 1-3/4"
	T		1/2" (0.840)							39 (17.6 Kg)	
	T	7/8" (0.875)								39 (17.6 Kg)	
	T	1" (1.000)								38 (17.2 Kg)	
T	T		3/4" (1.050)	1.77" (45)	3.34" (85)	3.22" (82)	1.02" (26)	1.65" (42)	2.34" (59.5)	49 (22.2 Kg)	5/16"-18 x 2"
	T	1-1/8" (1.125)								49 (22.2 Kg)	
T	T	1-1/4" (1.250)		2.20" (56)	4.33" (110)	4.17" (106)	1.25" (32)	2.12" (54)	2.81" (71.5)	65 (29.4 Kg)	5/16"-18 x 2-3/8"
	T		1" (1.315)							65 (29.4 Kg)	
	T	1-1/2" (1.500)								64 (29 Kg)	
	T		1-1/4" (1.660)							62 (28.1 Kg)	



* For additional sizes contact factory.
 Note: Add assembly type to part number.
 Example: **T -** provides the complete assembly as shown with stainless steel components.

FFI

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none

Steel

Polypropylene (green)

T

SS

Stainless Steel

Polypropylene (green)

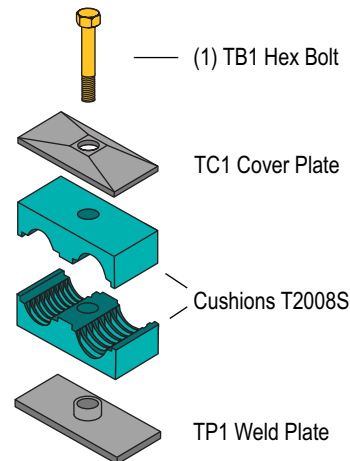
T -



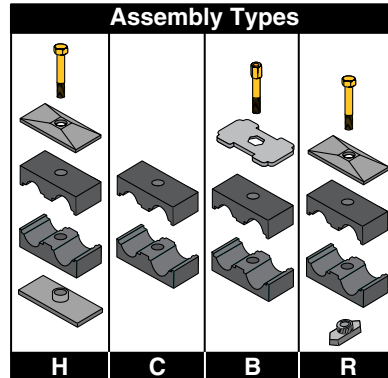


T I R I C R PLAT			T I R I A F T PLAT		
	TC	Use with Group T1		TP	Use with Group T1
	TC	Use with Group T2		TP -	Use with Group T2 thru T5
	TC	Use with Group T3			
	TC	Use with Group T4			
	TC	Use with Group T5			
T I H B LT			C-RAIL T		
	TB	Use with Group T1		R -	1/4" Nut, Use with Group T1
	TB	Use with Group T2		TR -	5/16" Nut, Use with Group T2 to T5
	TB	Use with Group T3			
	TB	Use with Group T4			
	TB	Use with Group T5			
T I T A C I G B LT			C-RAIL		
	TB	Use with Group T1		CR	39" (1 meter)
	TB	Use with Group T2		CR	78" (2 meter)
	TB	Use with Group T3			
	TB	Use with Group T4			
	TB	Use with Group T5			
T I R I LD PLAT					
	TP	Use with Group T1			
	TP	Use with Group T2			
	TP	Use with Group T3			
	TP	Use with Group T4			
	TP	Use with Group T5			

elded rdering xample		
T		
Assem ly Includes		
Quantity	Part o	Description
1 Each	TP	Weld Plate
1 Each	TC	Cover Plate
1 Each	TB	Hex Bolts
1 Set	T	Cushions



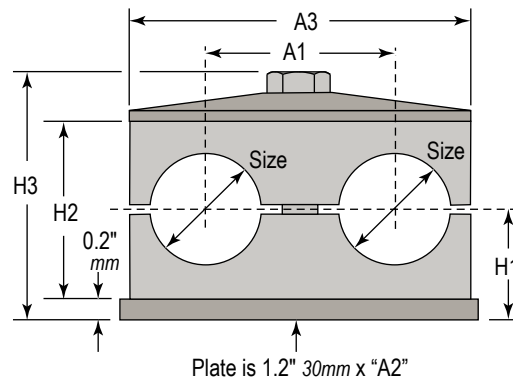
moothie Twin eries Beta Clamp



Beta moothie is ideal for general-duty applications where there is a need to reduce wear on hose connection caused by vibration and surge.

- Chamfered and smooth core protects hose cover and extends the life of the hose
- Uses Standard Beta Twin hardware
- Reduces wear on hose connection caused by vibration and surge

I TALLATI - Refer to pages 165 - 168 for complete installation guide.

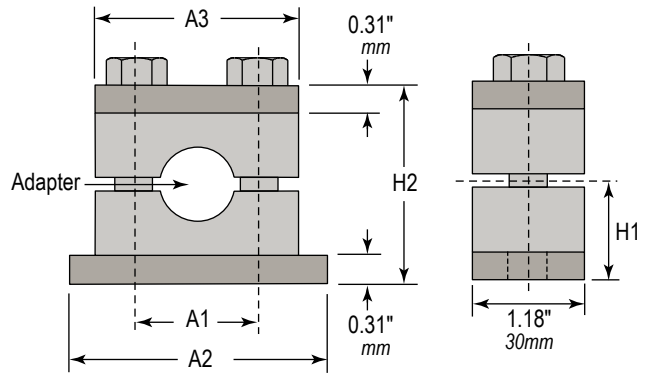


Group	Part o	A R Hose ie	Dimensions Inches						T/	Bolt
			A	A	A	H	H	H		
T	T H	1/4" (0.53)	1.14" (29mm)	2.16" (55mm)	2.08" (53mm)	0.70" (18mm)	1.02" (26mm)	1.71" (43mm)	31 (14 Kg)	5/16" - 18 x 1-3/8"
	T H	3/8" (0.69)	1.14" (29mm)	2.16" (55mm)	2.08" (53mm)	0.70" (18mm)	1.02" (26mm)	1.71" (43mm)	31 (14 Kg)	
T	T H	1/2" (0.81)	1.41" (36mm)	2.75" (70mm)	2.63" (67mm)	0.92" (23mm)	1.45" (37mm)	2.14" (54mm)	39 (17.6 Kg)	5/16" - 18 x 1-3/4"
T	T H	5/8" (0.93)	1.77" (45mm)	3.34" (85mm)	3.22" (82mm)	1.02" (26mm)	1.65" (42mm)	2.34" (59mm)	49 (22.2 Kg)	5/16" - 18 x 2"
	T H	3/4" (1.10)	1.77" (45mm)	3.34" (85mm)	3.22" (82mm)	1.02" (26mm)	1.65" (42mm)	2.34" (59mm)	49 (22.2 Kg)	
T	T H	1" (1.42)	2.2" (56mm)	4.33" (110mm)	4.17" (106mm)	1.25" (32mm)	2.12" (54mm)	2.81" (71mm)	65 (29.4 Kg)	5/16" - 18 x 2-3/8"

*For additional sizes and stainless steel contact factory.
 Note: For configurations other than "H", Add Assembly type to Part No.
 Example: T H provides the complete assembly as shown and T H-B provides the "B" assembly as shown



Beta Adapter









Group	A	A	A	H	H	Hex Bolt
Group H B TA	1.77" (45mm)	3.34" (85mm)	2.75" (70mm)	1.25" (32mm)	2.51" (64mm)	3/8"-16 x 2-1/4"
Group H B TA	2.36" (60mm)	3.93" (100mm)	3.30" (84mm)	1.49" (38mm)	2.99" (76mm)	3/8"-16 x 2-3/4"

The **B TA-ADAPT R** allows a clamping junction to be inserted into virtually any hydraulic line. The exclusive square bodied junction adapter design can be used with metallic tubing or hydraulic hose ends. It provides a point of union for hydraulic runs which transition from one form of conveyance to another (i.e. hose to tubing). Once inserted into the customized Beta-Adapter clamp body, the junction point is securely clamped fighting the effects of vibration, insuring a leak-free system.

- Beta-Adapter cushions can also be used with rubber inserts.
- Z-Clamp split bushings from Group 1 can be utilized with the basic Beta-Adapter Group 4 cushion.
- Z-Clamp bushings from Group 2 coincide with Group 5 Beta-Adapter assemblies.
- The split bushings provide extra vibration absorption for delicate clamping surfaces.

I TALLATI - Refer to page 169 for complete installation guide.

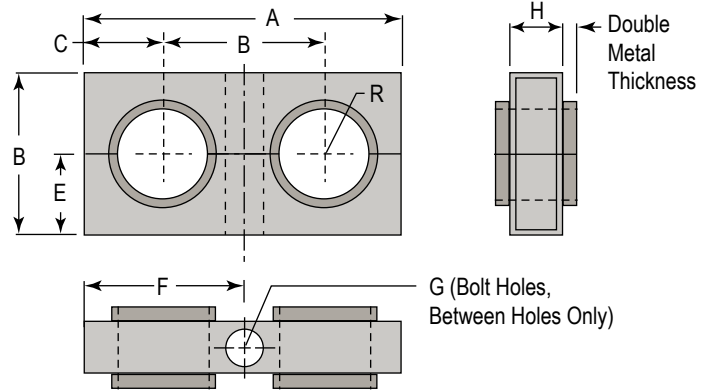


		Tu e i e	Group H Part o	Group H Part o
	IC	1/4"	H A - -	H A - -
		3/8"	H A - -	H A - -
		1/2"	H A - -	H A - -
		5/8"	H A -	H A -
		3/4"		H A -
		5/8"		H A -
	-Ring Face seal	3/8"	H - -	H - -
		1/2"	H - -	H - -
		5/8"	H -	H -
		3/4"		H -
	Female unction	1/2"	H F A - -	
		3/4"		H F A -
	Female Pipe	3/8" NPT	H F A - P-	H F A - P-
	Beta Cushions only et o Two	-	H C -C	H C -C
	Z-Clamp split Bushing	-	HAC- -/ eries Can e used	HAC- eries Can e used



Z-CLAMP

Inside Hole Clamp Units
Multiple Line Clamping System



The standard Z-Clamp unit features an anchor bolt between each of the adapter inserts.

The junction adapter provides break points in lines allowing for shorter hose and tubing runs reducing leaks at connection points by securing the adapter against vibration within the Z-Clamp units. These break points may also serve as securely clamped changeover points between hose and tube, and vice versa.

- Stackable for space conservation
- Maintains consistent center line dimensions between lines both horizontally and vertically (in a stacking application)
- Mix and match pipe, tube, hose and junction adapters
- Suited for all types of hydraulic applications
- Available in standard and outside hole mounting configurations

I TALLATI - Refer to page 169 for complete installation guide.

Note: Adapters and Hardware are ordered separately. Please see pages 143 - 146 for selection of these items.



Part No	Adapter Holes	Bolts	A	B	C	F	G	H	R				
HAC series / Gauge													
HAC -	2	1	2.938" (75mm)	1.5" (38mm)	0.719" (18mm)	0.75" (19mm)	0.344" (9mm)	0.550" (14mm)	0.422" (11mm)				
HAC -	3	2	4.406" (112mm)		0.719" (18mm)								
HAC -	4	3	5.940" (151mm)		0.719" (18mm)								
HAC -	5	4	7.140" (181mm)		0.594" (15mm)								
HAC -	6	5	8.938" (227mm)		0.719" (18mm)								
HAC -	7	6	10.188" (259mm)		0.594" (15mm)								
HAC -	32	31	48.000" (1219mm)		-					-	-	-	-
HAC series Gauge													
HAC -	2	1	3.875" (98 mm)	2" (51 mm)	0.938" (24 mm)	1" (25mm)	0.344" (9mm)	0.550" (14mm)	0.594" (15 mm)				
HAC -	3	2	5.641" (143 mm)		0.844" (22 mm)								
HAC -	4	3	7.891" (200 mm)		0.938" (24 mm)								
HAC -	5	4	9.672" (246 mm)		0.844" (22 mm)								
HAC -	6	5	11.672" (296 mm)		0.813" (21 mm)								
HAC -	7	6	13.625" (346 mm)		0.813" (21 mm)								
HAC -	24	23	48.000" (1219mm)		-					-	-	-	-
HAC series Gauge													
HAC -	2	1	6.766" (172 mm)	3" (76 mm)	1.875" (48 mm)	1.5" (38 mm)	0.406" (10 mm)	0.750" (19 mm)	1.063" (27 mm)				
HAC -	3	2	8.703" (221 mm)		1.406" (36 mm)								
HAC -	4	3	11.703" (297 mm)		1.406" (36 mm)								
HAC -	5	4	14.703" (373 mm)		1.406" (36 mm)								
HAC -	6	5	17.703" (450 mm)		1.406" (36 mm)								
HAC -	16	15	48.000" (1219 mm)		-					-	-	-	-

NOTE: Hardware & Adapters not included.

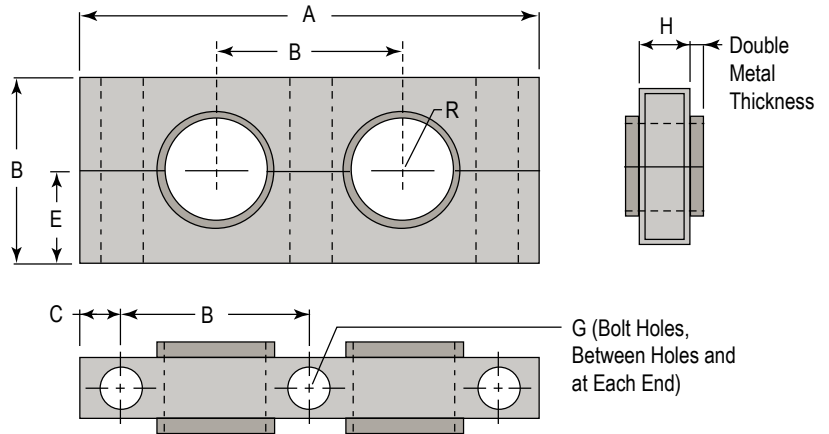
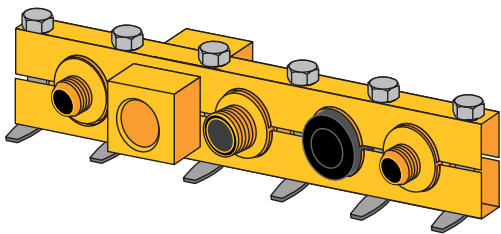




Z-CLA P

Outside Hole Clamp Units

- Stackable for space conservation
 - Maintains consistent center line dimensions between lines both horizontally and vertically (in a stacking application)
 - Mix and match pipe, tube, hose, and junction adapters
 - Suited for all types of hydraulic applications
 - Available in standard and outside hole mounting configurations
- I TALLATI - Refer to page 169 for complete installation guide.



Part No	Adapter Holes	Bolts	A	B	C	G	H	R	
HAC series /									
HAC - -	1	2	2.188" (56 mm)	1.5" (38 mm)	0.344" (9 mm)	0.75" (19 mm)	0.344" (9 mm)	0.550" (14 mm)	0.422" (11 mm)
HAC - -	2	3	3.797" (96 mm)		0.391" (10 mm)				
HAC - -	3	4	5.297" (135 mm)		0.391" (10 mm)				
HAC - -	4	5	6.797" (173 mm)		0.391" (10 mm)				
HAC - -	5	6	8.297" (211 mm)		0.391" (10 mm)				
HAC series									
HAC - -	1	2	2.656" (67 mm)	2" (51 mm)	0.328" (8 mm)	1" (25 mm)	0.344" (9 mm)	0.550" (14 mm)	0.594" (15 mm)
HAC - -	2	3	4.766" (121 mm)		0.391" (9 mm)				
HAC - -	3	4	6.797" (173 mm)		0.391" (9 mm)				
HAC - -	4	5	8.297" (211 mm)		0.391" (9 mm)				
HAC series									
HAC - -	1	2	4.000" (102 mm)	3" (76 mm)	0.500" (13 mm)	1.5" (38 mm)	0.406" (10 mm)	0.750" (19 mm)	1.063" (27 mm)
HAC - -	2	3	6.859" (174 mm)		0.422" (11 mm)				
HAC - -	3	4	9.859" (250 mm)		0.422" (11 mm)				
HAC - -	4	5	12.859" (327 mm)		0.422" (11 mm)				

Note: Adapters and Hardware are ordered separately. Please see pages 143 - 146 for selection of these items.

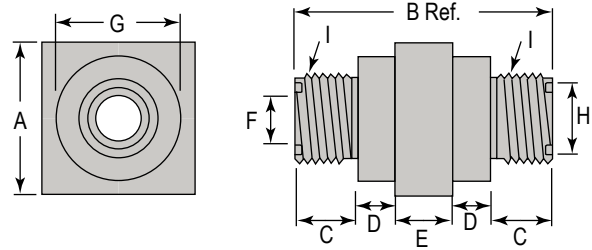


-Ring Face Seal



For use with Beta Adapters and Z-Clamps

- Offered in a wide range of sizes in JIC, NPT, SAE, and ORFS thread configurations.
- Zinc plated to prevent corrosion
- Clamping at the fitting prevents loosening and other vibration related leaks



Part o	Tu e i e	Dimensions inches								
		A	B	C	D		F	G	I Thread	H
--	3/8"	1.00" (25 mm)	1.96" (50 mm)	0.43" (11 mm)	0.28" (7 mm)	0.54" (14 mm)	0.26" (7 mm)	0.84" (21 mm)	1 ¹ / ₁₆ "-16	0.496" (13 mm)
--	1/2"	1.00" (25 mm)	2.10" (53 mm)	0.50" (13 mm)	0.28" (7 mm)	0.54" (14 mm)	0.38" (10 mm)	0.84" (21 mm)	1 ³ / ₁₆ "-16	0.621" (16 mm)
--	5/8"	1.00" (25 mm)	2.30" (58 mm)	10.60" (15 mm)	0.28" (7 mm)	0.54" (14 mm)	0.48" (12 mm)	0.84" (21 mm)	1"-14	0.748" (19 mm)
--	3/8"	1.50" (38 mm)	2.08" (53 mm)	0.43" (11 mm)	0.34" (9 mm)	0.54" (14 mm)	0.26" (7 mm)	1.20" (31 mm)	1 ¹ / ₁₆ "-16	0.496" (13mm)
--	1/2"	1.50" (38 mm)	2.22" (56 mm)	0.50" (13 mm)	0.34" (9 mm)	0.54" (14 mm)	0.38" (10 mm)	1.20" (31 mm)	1 ³ / ₁₆ "-16	0.621" (16 mm)
--	5/8"	1.50" (38 mm)	2.42" (61 mm)	0.60" (15 mm)	0.34" (9 mm)	0.54" (14 mm)	0.48" (12 mm)	1.20" (31 mm)	1"-14	0.748" (19 mm)
--	3/4"	1.50" (38 mm)	2.52" (64 mm)	0.65" (17 mm)	0.34" (9 mm)	0.54" (14 mm)	0.61" (15 mm)	1.20" (31 mm)	1- ³ / ₁₆ "-12	0.873" (22 mm)
--	1"	1.50" (38 mm)	2.58" (66 mm)	0.68" (17 mm)	0.34" (9 mm)	0.54" (14 mm)	0.81" (21 mm)	1.20" (31 mm)	1- ⁷ / ₁₆ "-12	1.058" (27 mm)
--	1-1/4"	2.25" (57 mm)	2.98" (76 mm)	0.68" (17 mm)	0.437" (11 mm)	0.75" (19 mm)	1.02" (26 mm)	2.12" (54 mm)	1- ¹¹ / ₁₆ "-12	1.309" (33 mm)
--	1-1/2"	2.25" (57 mm)	2.98" (78 mm)	0.68" (17 mm)	0.437" (11 mm)	0.75" (19 mm)	1.26" (32 mm)	2.12" (54 mm)	2"-12	1.621" (41 mm)

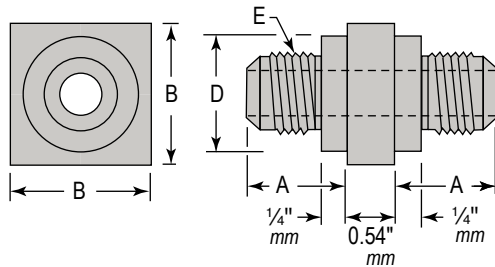


Flare Male Function Adapter



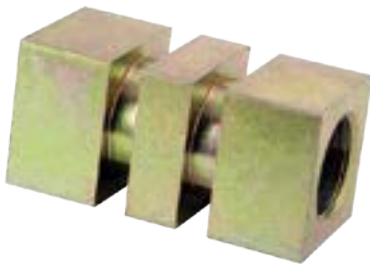
For use with Beta Adapters and Z-Clamps

- Offered in a wide range of sizes in JIC, NPT, SAE, and ORFS thread configurations.
- Zinc plated to prevent corrosion
- Clamping at the fitting prevents loosening and other vibration related leaks



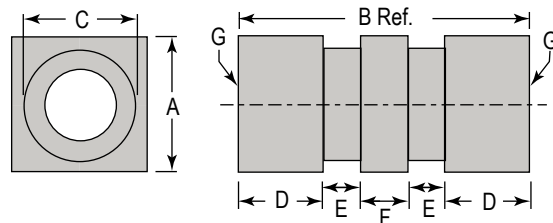
Part No	Tube Size	Dimensions Inches			Thread
		A	B	D	
Series					
A - -	1/4"	0.76" (19 mm)	1" (25 mm)	0.84" (21 mm)	7/16"-20
A - -	3/8"	0.76" (19 mm)	1" (25 mm)	0.84" (21 mm)	9/16"-18
A - -	1/2"	0.87" (22 mm)	1" (25 mm)	0.84" (21 mm)	3/4"-16
A - -	5/8"	0.96" (24 mm)	1" (25 mm)	0.84" (21 mm)	7/8"-14
Series					
A - -	1/4"	0.76" (19 mm)	1 1/2" (38 mm)	1.20" (30 mm)	7/16"-20
A - -	3/8"	0.76" (19 mm)	1 1/2" (38 mm)	1.20" (30 mm)	9/16"-18
A - -	1/2"	0.87" (22 mm)	1 1/2" (38 mm)	1.20" (30 mm)	3/4"-16
A - -	5/8"	0.96" (24 mm)	1 1/2" (38 mm)	1.20" (30 mm)	7/8"-14
A - -	3/4"	1.07" (27 mm)	1 1/2" (38 mm)	1.20" (30 mm)	1 1/16"-12
A - -	7/8"	1.10" (28 mm)	1 1/2" (38 mm)	1.20" (30 mm)	1 3/16"-12
A - -	1"	1.10" (28 mm)	1 1/2" (38 mm)	1.20" (30 mm)	1 5/16"-12

Female Function Adapter



For Use With Beta Adapters & Z-CLAMPS

- Offered in a wide range of sizes in JIC, NPT, SAE, and ORFS thread configurations.
- Zinc plated to prevent corrosion
- Clamping at the fitting prevents loosening and other vibration related leaks



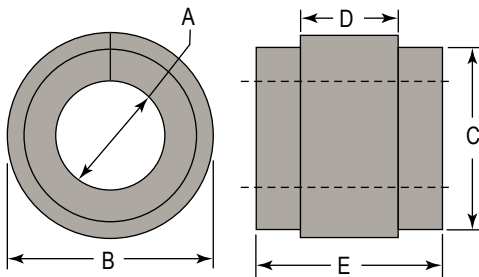
Part No	Dimensions Inches					G	Thread
	A	B	C	D	F		
F A - -P	1" (25 mm)	2-13/16" (71 mm)	0.84" (21 mm)	0.84" (21 mm)	0.30" (8 mm)	0.54" (13 mm)	3/8" N.P.T.
F A - -P	1-1/2" (38 mm)	3-1/8" (79 mm)	1.20" (30 mm)	0.97" (25 mm)	0.32" (8 mm)	0.54" (13 mm)	3/4" N.P.T.
F A - -P	2-1/4" (57 mm)	2-5/8" (67 mm)	2.12" (54 mm)	0.49" (12 mm)	0.45" (11 mm)	0.74" (19 mm)	1 1/4" N.P.T.
F A - -	1" (25 mm)	2-13/16" (71 mm)	0.84" (21 mm)	0.84" (21 mm)	0.30" (8 mm)	0.54" (13 mm)	3/4"-16 SAE
F A - -	1-1/2" (38 mm)	3-1/8" (79 mm)	1.20" (30 mm)	0.97" (25 mm)	0.32" (8 mm)	0.54" (13 mm)	1-1/16"-12 SAE
F A - -	2-1/4" (57 mm)	2-5/8" (67 mm)	2.12" (54 mm)	0.49" (12 mm)	0.45" (11 mm)	0.74" (19 mm)	1-5/8"-12 SAE

Anti-vibration Split Rubber Bushings



For use with Beta Adapters and Z-Clamps

- Unique “grip” design secures cushion in place
- High quality EPDM rubber provides superior vibration damping with excellent oil resistance.



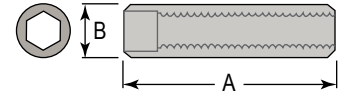
Part No	Tube Size	Pipe Size	A	B	C	D	
HAC-series /							
G- -	1/4"	-	0.235" (6 mm)	0.975" (25 mm)	0.875" (22 mm)	0.50" (13 mm)	1.312" (33 mm)
G- -	3/8"	-	0.360" (9 mm)				
G- -	1/2"	-	0.485" (12 mm)				
G- -	5/8"	-	0.610" (15 mm)				
G- -	3/4"	-	0.735" (19 mm)				
HAC-series							
G- -	1/4"	-	0.235" (6 mm)	1.350" (34 mm)	1.250" (32 mm)	0.50" (13 mm)	1.312" (33 mm)
G- -	3/8"	-	0.360" (9 mm)				
G- -	1/2"	-	0.485" (12 mm)				
G- - P	-	1/4"	0.525" (13 mm)				
G- -	5/8"	-	0.610" (15 mm)				
G- - P	-	3/8"	0.660" (17 mm)				
G- -	3/4"	-	0.735" (19 mm)				
G- - P	-	1/2"	0.825" (21 mm)				
G- -	7/8"	-	0.860" (22 mm)				
G- -	1"	-	0.985" (25 mm)				
G- - P	-	3/4"	1.035" (26 mm)				
HAC-series							
G- -	1/4"	-	0.234" (6 mm)	2.287" (58 mm)	2.187" (56 mm)	0.750" (19 mm)	1.750" (44 mm)
G- -	3/8"	-	0.360" (9 mm)				
G- -	1/2"	-	0.485" (12 mm)				
G- - P	-	1/4"	0.525" (13 mm)				
G- -	5/8"	-	0.610" (15 mm)				
G- - P	-	3/8"	0.660" (17 mm)				
G- -	3/4"	-	0.735" (19 mm)				
G- - P	-	1/2"	0.825" (21 mm)				
G- -	7/8"	-	0.860" (22 mm)				
G- -	1"	-	0.985" (25 mm)				
G- - P	-	3/4"	1.035" (26 mm)				
G- -	1-1/4"	-	1.235" (31 mm)				
G- - P	-	1"	1.300" (33 mm)				
G- -	1-1/2"	-	1.485" (38 mm)				
G- - P	-	1-1/4"	1.645" (42 mm)				
G- - P	-	1-1/2"	1.885" (48 mm)				
G- -	2"	-	1.985" (50 mm)				



Loc Head Locking Nut



Part No	HAC Series	A	B Dia	Thread
-	1	1.335" (34 mm)	1/2" (13 mm)	5/16"-18
-	2	1.800" (46 mm)	1/2" (13 mm)	5/16"-18
-	3	2.780" (71 mm)	11/16" (17 mm)	3/8"

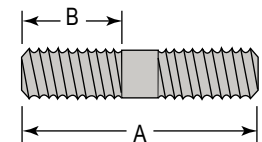


Thread Adapter

(Install Or Stack)



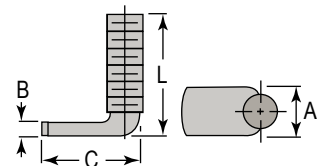
Part No	HAC Series	A	B	Thread
T-	1 & 2	1.38" (35 mm)	0.63" (16 mm)	5/16"-18
T-	3	2.00" (51 mm)	0.88" (22 mm)	3/8"-16



Weld Nut



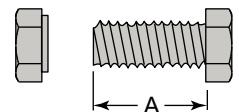
Part No	HAC Series	Thread	A	B	C	L
-	HAC 1	5/16"-18	0.437" (11 mm)	0.12" (3 mm)	0.875" (22 mm)	3/4" (19 mm)
-	HAC 2	5/16"-18	0.437" (11 mm)	0.12" (3 mm)	0.875" (22 mm)	3/4" (19 mm)
-	HAC 3	3/8"-16	0.531" (13 mm)	0.151" (4 mm)	1.00" (25 mm)	1.00" (25 mm)



Hex Bolt and Hex Nut



Part No	Type	HAC Series	Thread	A
HB-	Bolt	HAC 1 & 2	5/16"-18	3/4" (19 mm)
H -	Nut			-
HB-	Bolt	HAC 3	3/8"-16	1" (25 mm)
H -	Nut			-



Lock Washer



Part No	HAC Series	Thread
H -	HAC 1 & 2	5/16" (8 mm)
H -	HAC 3	3/8" (10 mm)



TECHNICAL DATA

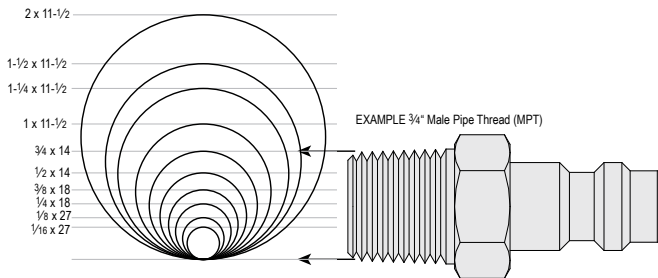
Thin Safety First

Pages 8 - 9

⚠️ **IMPORTANT:** It is important that users of the Quick Release Couplers read the safety guidelines. Proper use of products can lead to severe injury and damage to equipment.

Pipe Thread Identification

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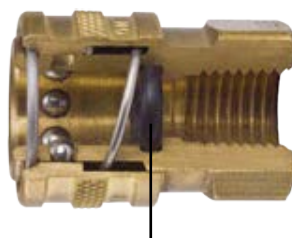
Quick Coupling Installation

Pages 151 - 155



Oil & Fluid Compatibility Guide

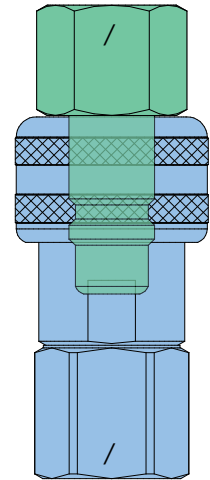
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Oil & Fluid Compatibility Guide

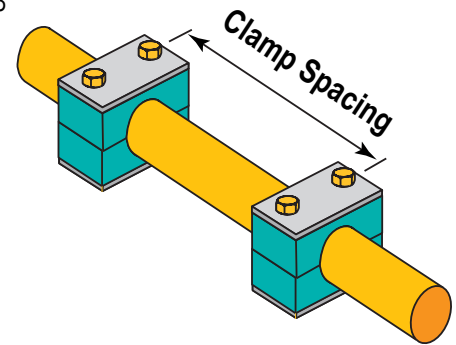
Actual Pipe Layouts

Pages 156 - 164



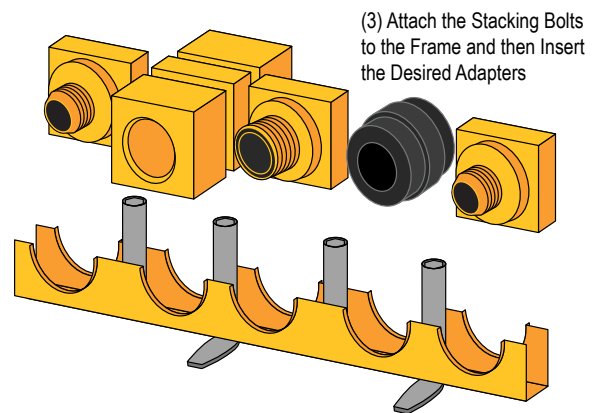
Beta Clamp Technical Data

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Z-Clamp Installation Instructions

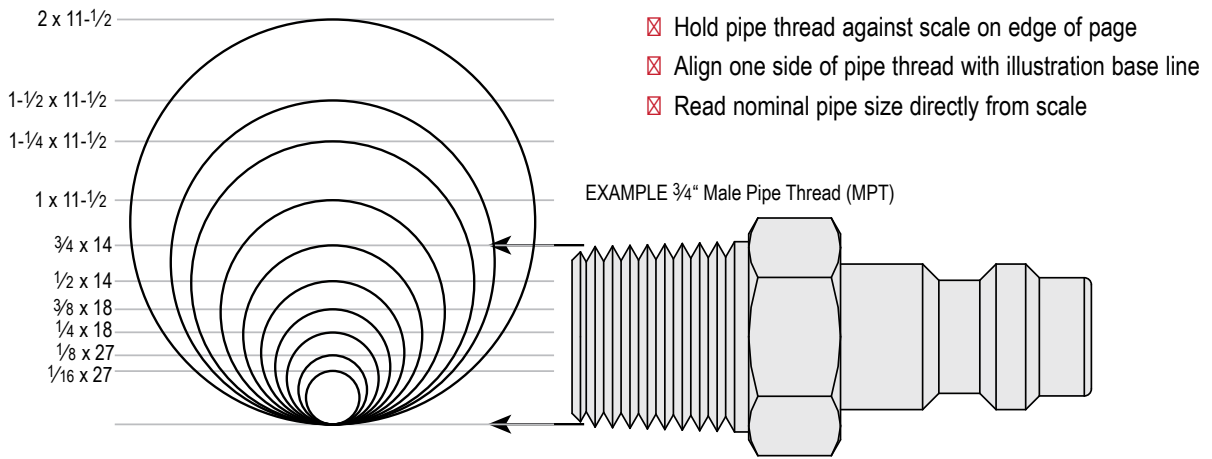
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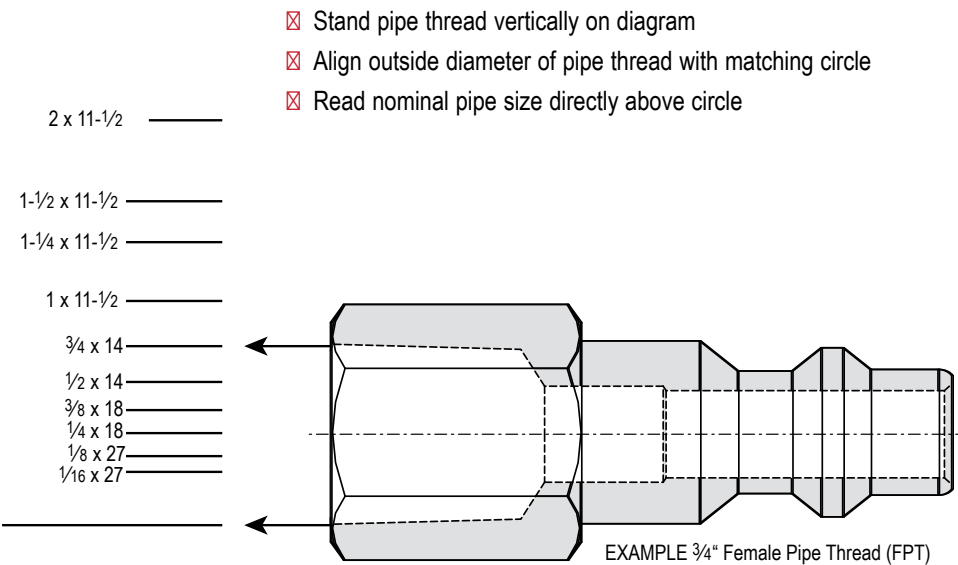
nominal Pipe size inches	Actual Pipe size inches	nominal Thread size inches
1/8"	0.41"	1/8" - 27
1/4"	0.54"	1/4" - 18
3/8"	0.68"	3/8" - 18
1/2"	0.84"	1/2" - 14
3/4"	1.05"	3/4" - 14
1"	1.32"	1" - 11-1/2
1-1/4"	1.66"	1-1/4" - 11-1/2
1-1/2"	1.90"	1-1/2" - 11-1/2
2"	2.38"	2" - 11-1/2
2-1/2"	2.88"	2-1/2" - 8
3"	3.50"	3" - 8

How to Use the Scale

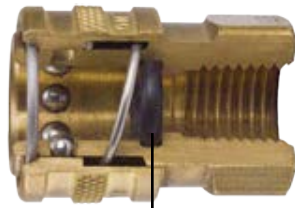


- ☒ Hold pipe thread against scale on edge of page
- ☒ Align one side of pipe thread with illustration base line
- ☒ Read nominal pipe size directly from scale

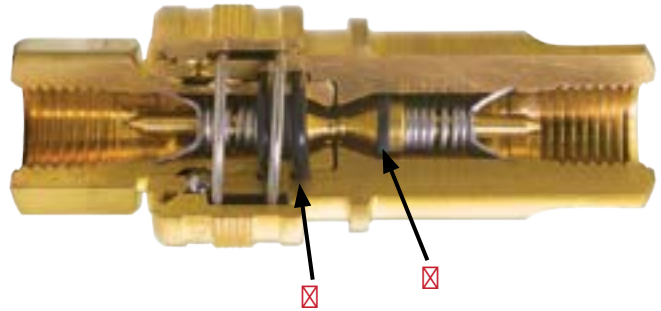
How to Use the Diagram



- ☒ Stand pipe thread vertically on diagram
- ☒ Align outside diameter of pipe thread with matching circle
- ☒ Read nominal pipe size directly above circle



seal material



- ✗ Captive valve seal ensures "bubble tight" poppet sealing since seal is positively captured by the metal poppet to minimize seal washout or damage from high fluid velocity.
- ✗ Broad range of metals and seal materials allow the use of most fluids.

seal Compound Data		
seal material	Part suffix	Color Code
Nitrile (Buna-N)	Std.	None
Viton (product of DuPont)	-101	Blue
Neoprene	-102	Red
Ethylene Propylene	-103	Black
Silicone	-104	White

To Order: Add seal compound part number to the end of coupling part number.

Example: H4S-103, 1/2" NPT, FHK Series, steel socket with ethylene propylene seals (-103).

Note: Please consult with your Foster representative or the factory for any media not listed.

FOSTER®

Buna-N seal is standard. Alternate seals are specified by adding the appropriate suffix to the catalog number. For example, 3003 socket with Heat Adder is 3003H



optional seal material

Service	Construction	seal	Temperature	suffix
Air Vacuum Grease & Oil	Brass & Steel	Buna-N	-40° to +250°F	none
Water	Brass & S/S	Buna-N	+32° to +100°F	W
Hot Water	Brass & S/S	Viton	-15° to +400°F	HW
Steam	Brass Body, Brass Sleeve, & Stainless Steel Valve	Ethylene Propylene	-40° to +300°F	S
Heat	Brass & Steel	Viton	-15° to +400°F	H
Less Alkaline	Brass & Steel	Buna-N	-40° to +250°F	LV
Dilute Aqueous Series Only	Brass & Steel	Buna-N	-40° to +250°F	D

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☒☒☒☒☒☒☒☒☒ ☒ **R**☒☒☒☒☒☒☒☒☒ ☒☒☒☒ ☒☒☒☒☒☒☒☒☒



1 Trim the end of the hose as square as possible.



2 Insert Hose completely into ferrule and make note of how deep the hose goes.



3 Mark the point of full hose insertion depth with a piece of tape.



4 Verify tape line is correct for full insertion.



5 Add a bit of lubricant to the reusable hose barb before inserting into the ferrule.



6 Turn reusable hose barb into ferrule ensuring hose stays completely inserted.



7 Tighten reusable hose barb into ferrule ensuring hose stays completely inserted.



8 Completed connection, Use marker applied in **step [3]** to ensure hose is completely inserted.



W



Plugs:

- Inspect for cracks, chips, dings or other damage.
- Clean as necessary using water and a mild detergent. External buildup may be removed using a wire brush, taking care not to mar the surface of the plug.
- Replace any damaged plug.

Sockets:

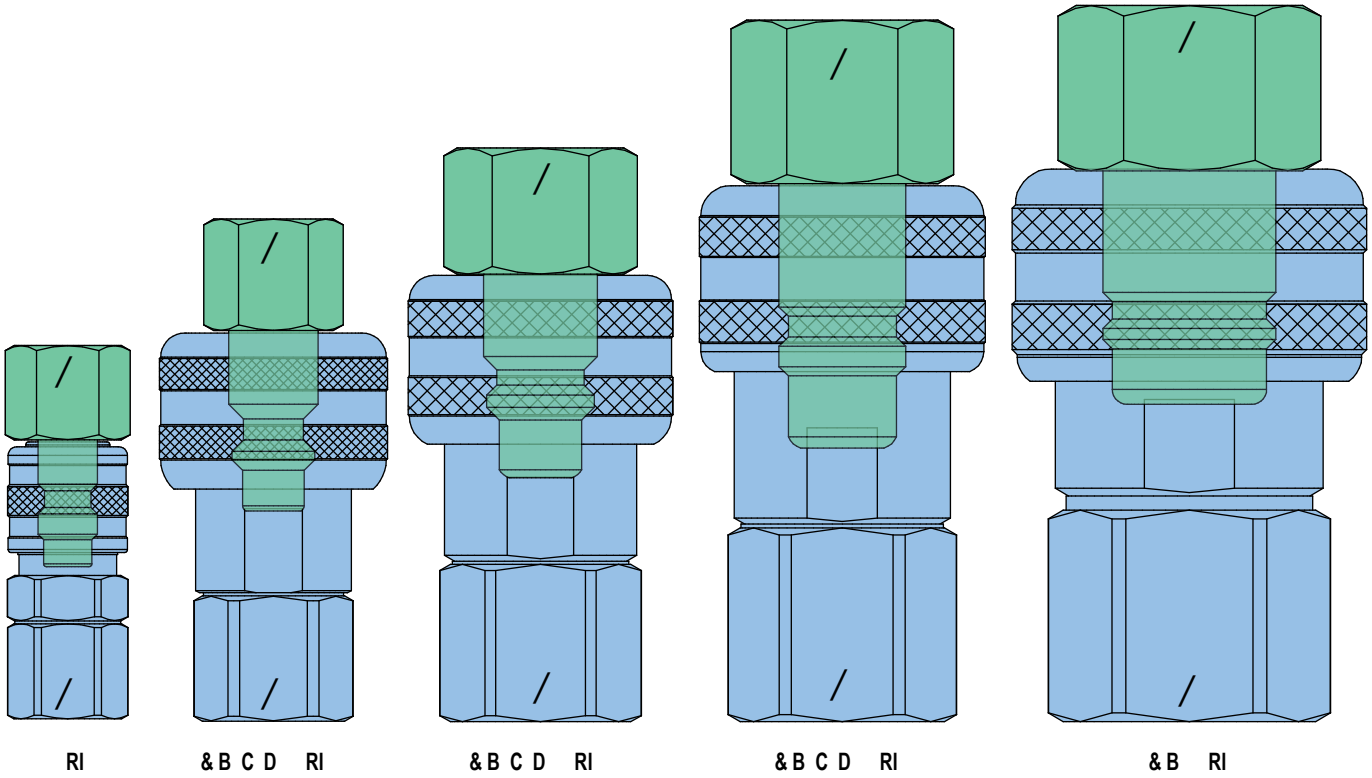
- Inspect overall for cracks, dents or other damage.
- Inspect inside socket for damage or debris.
- Actuate all moving parts to ensure they operate freely with no scraping or binding.
- Clean as necessary using water and a mild detergent.
- Replace any damaged socket.

Assemblies:

- Install the plug into the socket, making sure the parts connect easily and hold firmly.
- Disconnect coupler, check that the plug and socket release easily and smoothly, with no scraping or binding.
- On BL (ball lock) and SL Series (with locking sleeve), rotate sleeve to the locked position and attempt to disconnect, pulling firmly to ensure the coupler stays connected.
- Rotate sleeve to the unlocked position, and ensure the coupler disconnects easily.
- If any damage, binding or unintended disconnecting is found, both the coupler and plug should be replaced.

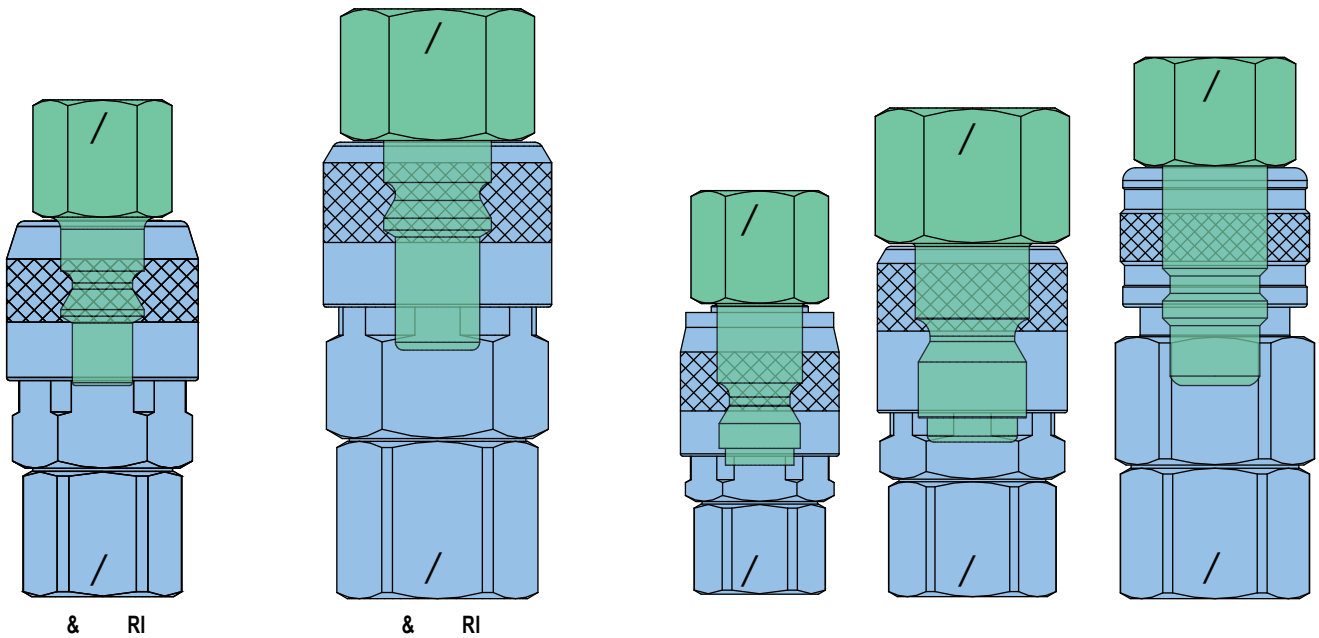


6 Series Industrial Interchange



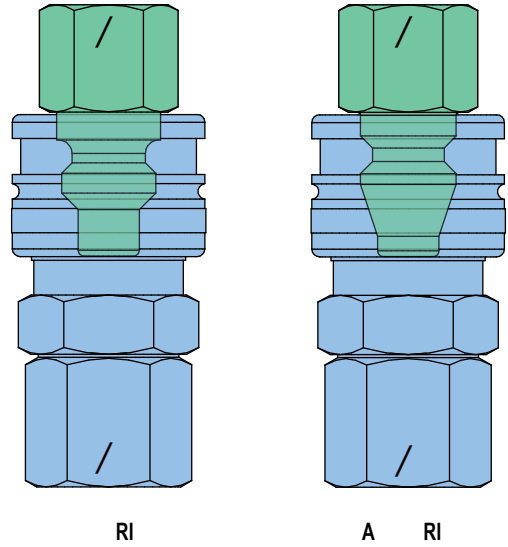
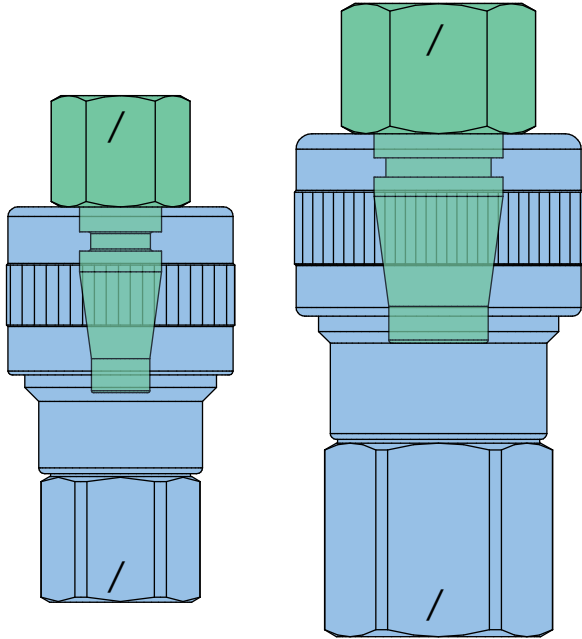
Series

F Series



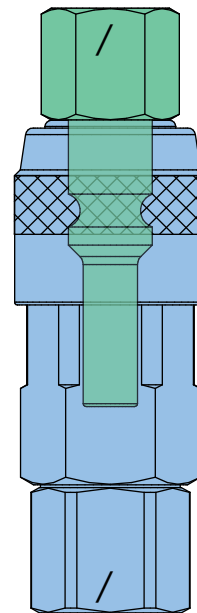
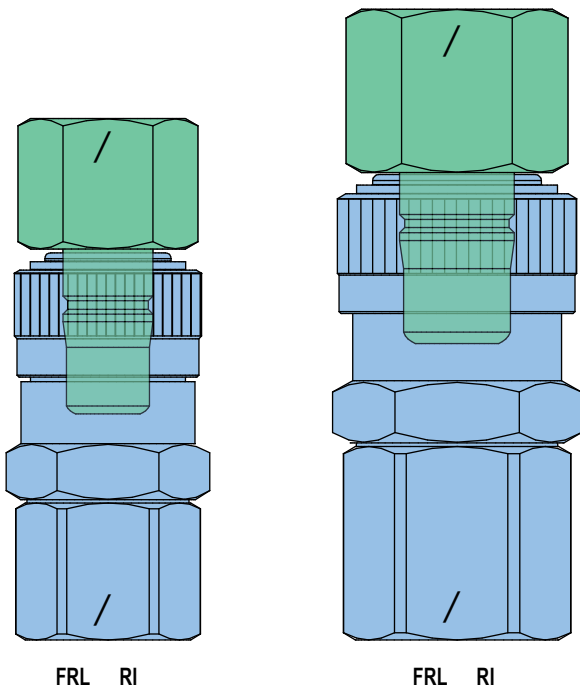
H Series

6 Series



FR Series

Series



Introduction

Pneumatic QD

Hydraulic QD

Blow Guns & Accessories

Fittings & Accessories

Hoses & Fittings

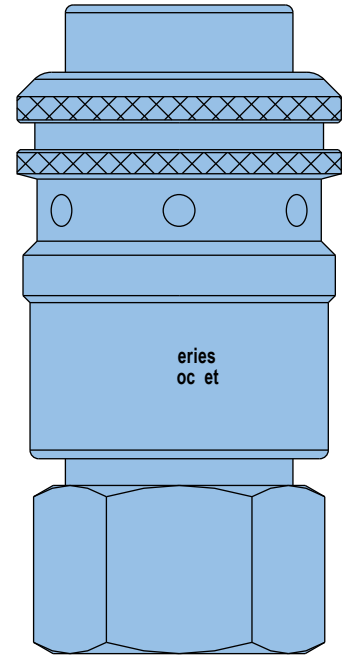
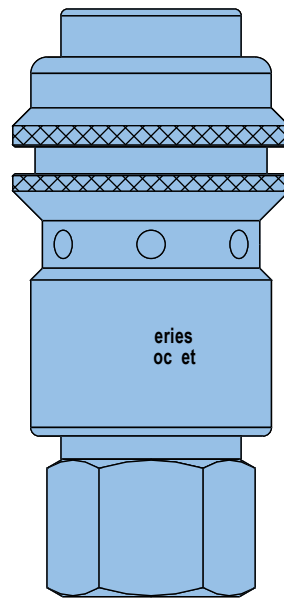
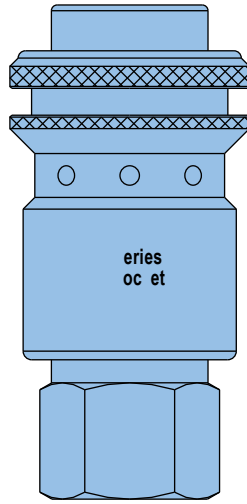
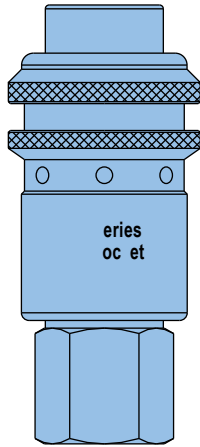
Loop & Ring Clamps

Beta Clamps & Z-Clamps

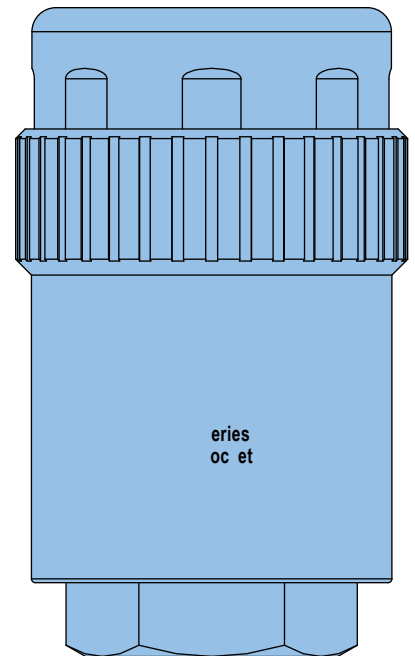
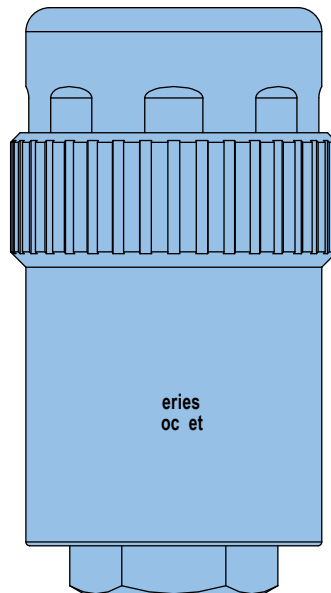
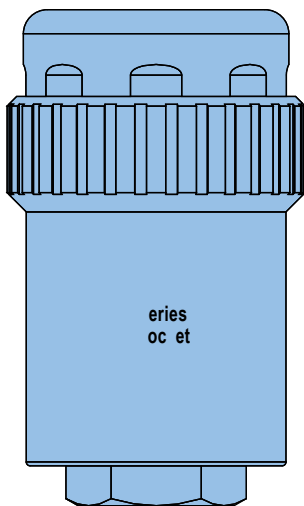
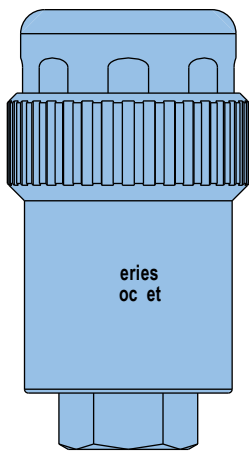
Technical Data

Indexes

Series



PC Series



Introduction

Pneumatic QD

Hydraulic QD

Blow Guns & Accessories

Fittings & Accessories

Hoses & Fittings

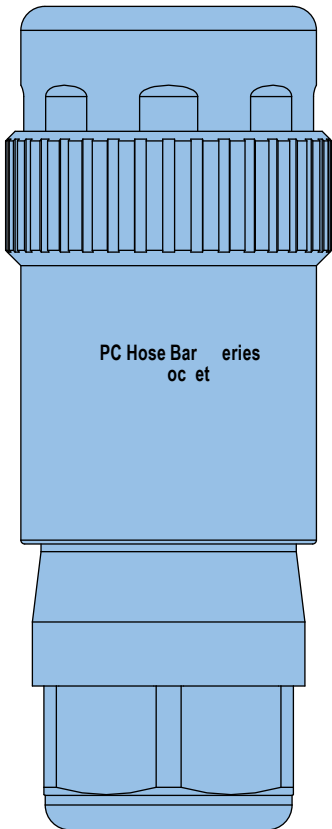
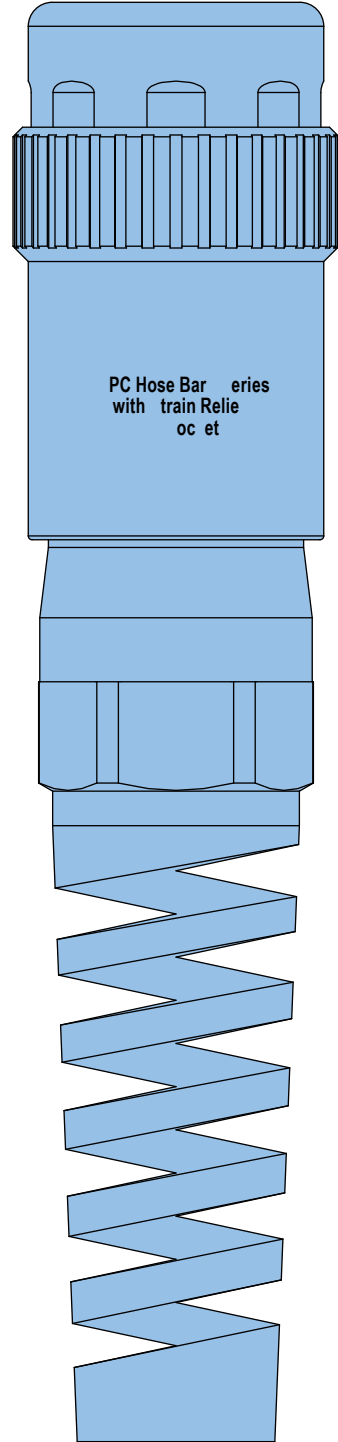
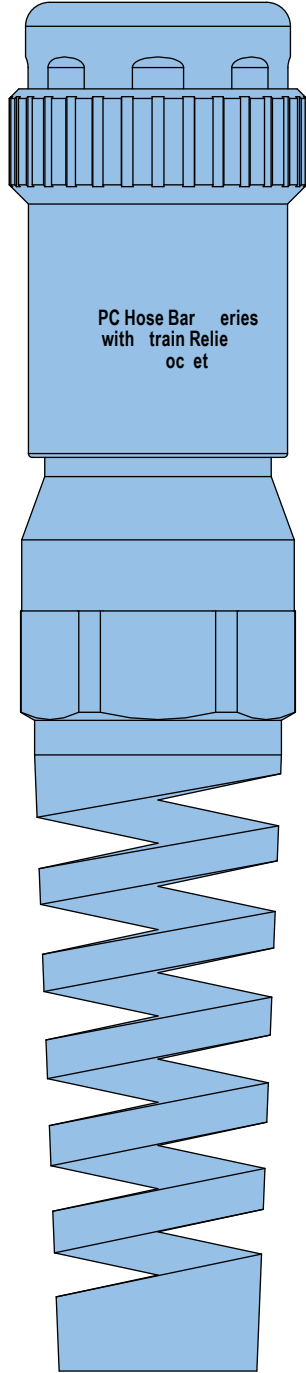
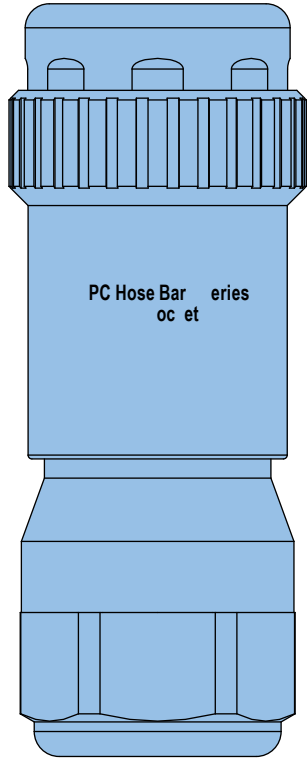
Loop & Ring Clamps

Beta Clamps & Z-Clamps

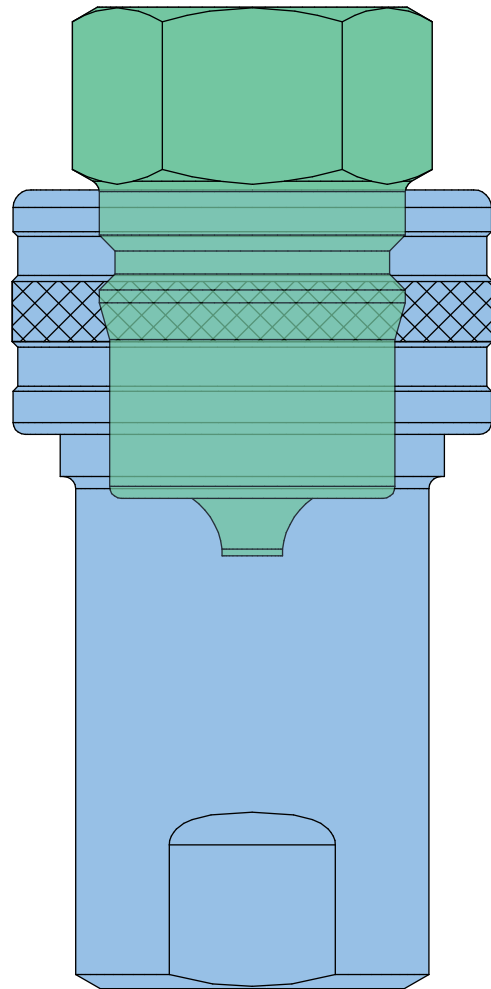
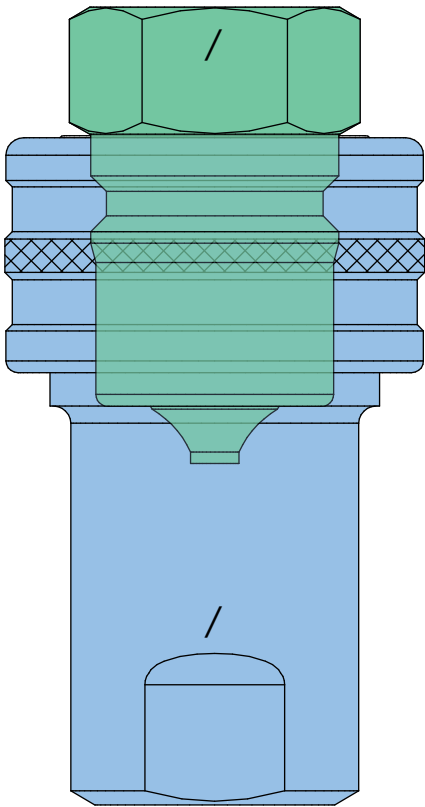
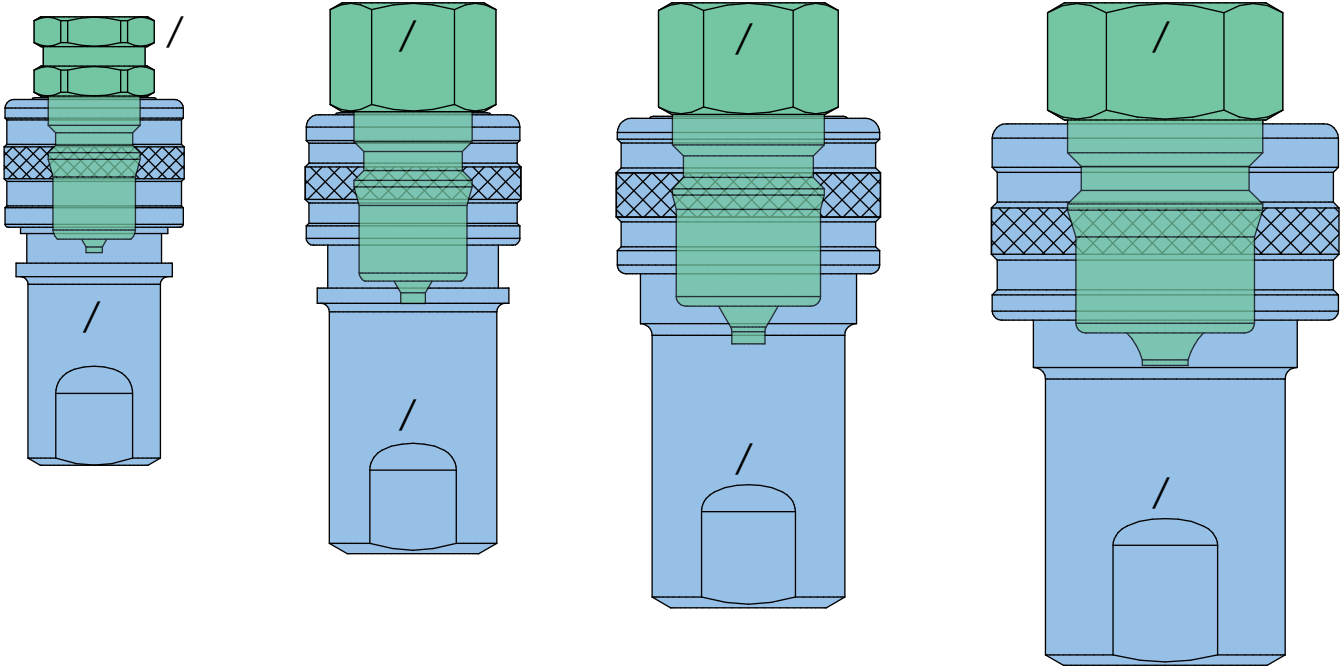
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PC series

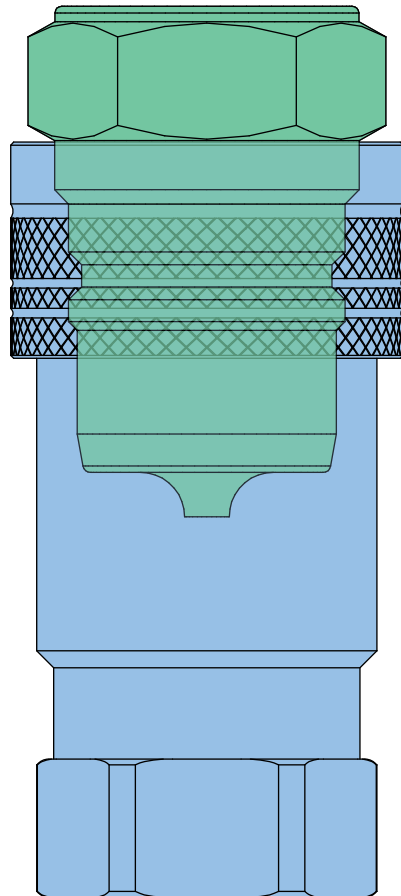
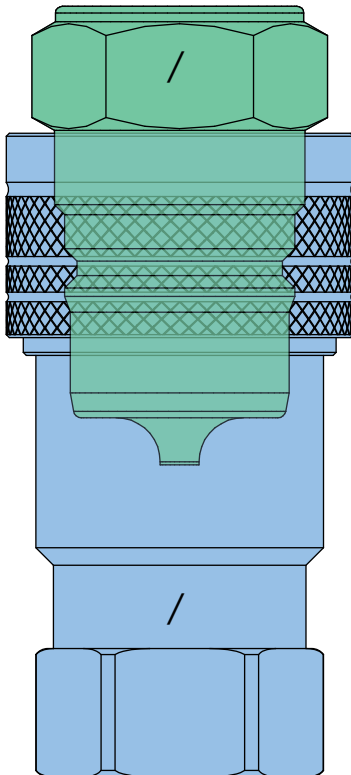
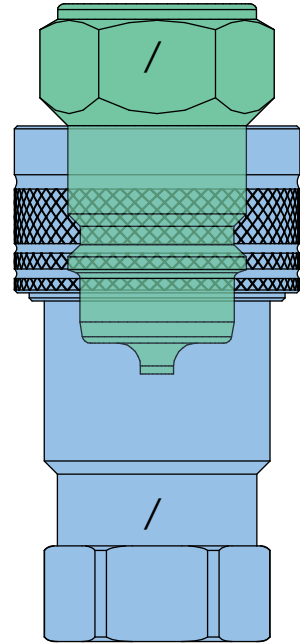
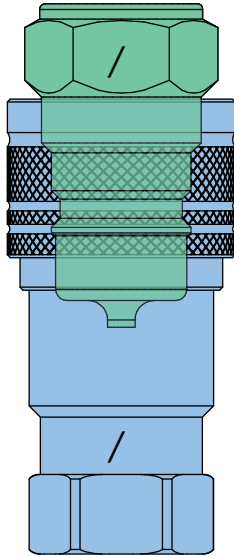
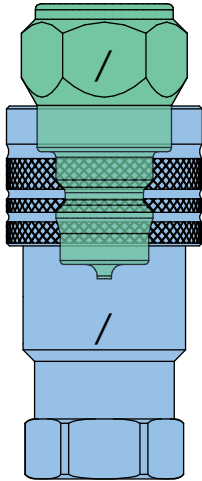


FH Series

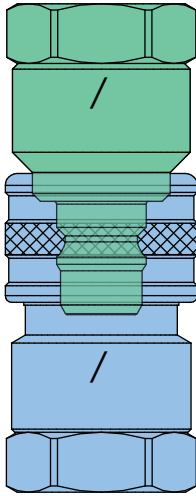


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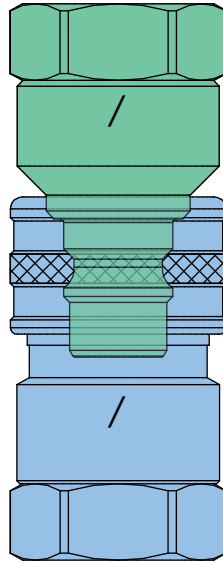
66 series



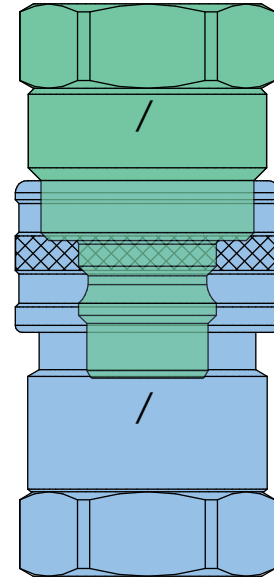
Series FH FH



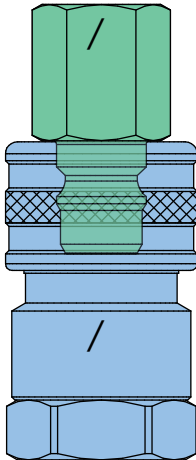
FH
Two way Plug



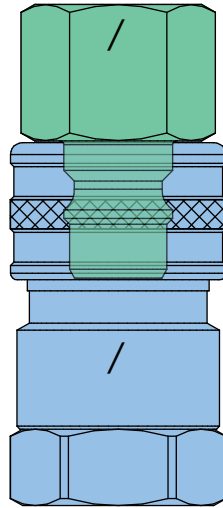
FH
Two way Plug



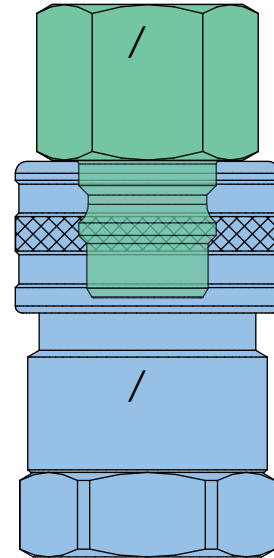
FH
Two way Plug



FH FIH
n-way Plug



FH FIH
n-way Plug



FH FIH
n-way Plug

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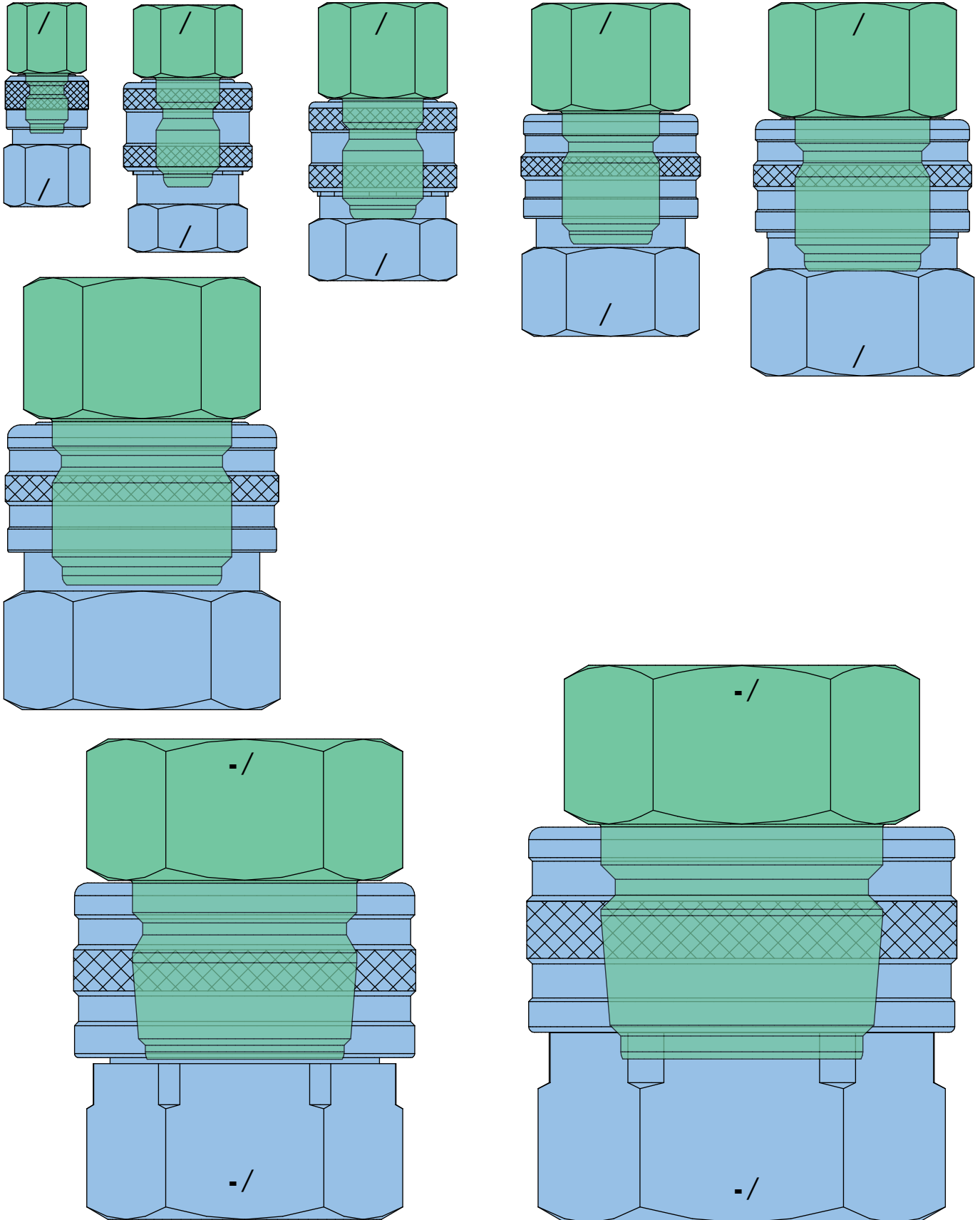
Loop & Ring Clamps

Beta Clamps & Z-Clamps

Technical Data

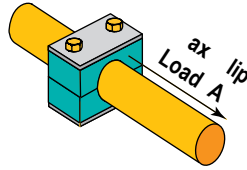
Indexes

F 100 000 000 series





Maximum Slip Load



Max. Pipe Slip indicates that Sliding starts when the specified values (A) are reached.

Beta Standard Series

Foster DI	Hex Head Bolt C Thread Metric I	Polypropylene		Polyamide		Aluminium	
		Tightening Torque t l m	ax Pipe lip l	Tightening Torque t l m	ax Pipe lip l	Tightening Torque t l m	ax Pipe lip l
S1 (1)	1/4" - 20 UNC (M6)	6 (8)	247 (11)	7 (10)	157 (7)	9 (12)	944 (42)
S2 (2)			292 (13)		180 (8)		967 (43)
S3 (3)			315 (14)		360 (16)		1,101 (49)
S4 (4)			337 (15)		382 (17)		1,124 (50)
S5 (5)			427 (19)		450 (20)		1,641 (73)
S6 (6)			450 (20)		562 (25)		2,000 (89)
S7 (7)			517 (23)		719 (32)		-

Beta Heavy Series

Foster DI	Hex Head Bolt C Thread Metric I	Polypropylene		Polyamide		Aluminium	
		Tightening Torque t l m	ax Pipe lip l	Tightening Torque t l m	ax Pipe lip l	Tightening Torque t l m	ax Pipe lip l
H3 (1)	3/8" - 16 (M10)	9 (12)	360 (16)	15 (20)	944 (42)	22 (30)	2,720 (121)
H4 (2)		9 (12)	652 (29)	15 (20)	1,044 (45)	22 (30)	3,395 (151)
H5 (3)		11 (15)	742 (33)	18 (25)	1,146 (51)	26 (35)	3,485 (155)
H6 (4)	7/16" - 14 (M12)	22 (30)	1,843 (82)	30 (40)	2,090 (93)	41 (55)	6,609 (295)
H7 (5)	5/8" - 11 (M16)	33 (45)	2,472 (110)	41 (55)	3,551 (158)	86 (120)	7,845 (349)
H8 (6)	3/4" - 10 (M20)	59 (80)	3,147 (140)	111 (150)	4,720 (210)	162 (220)	11,240 (500)
H9 (7)	7/8" - 9 (M24)	81 (110)	6,300 (280)	148 (200)	7,193 (320)	184 (250)	15,871 (706)
H10 (8)	1-1/8" - 7 (M30)	133 (180)	8,992 (400)	258 (350)	10,790 (480)	369 (500)	18,996 (845)
H11 (9)		148 (200)	26,752 (1,190)	273 (370)	27,650 (1,250)	369 (500)	40,802 (1,815)

Beta Twin Series

Foster DI	Hex Head Bolt C Thread Metric I	Polypropylene		Polyamide	
		Tightening Torque t l m	ax Pipe lip l	Tightening Torque t l m	ax Pipe lip l
T1 (1)	1/4" - 20 (M6)	4 (5)	202 (09)	4 (5)	202 (09)
T2 (2)	5/16" - 18 (M8)	9 (12)	472 (21)	9 (12)	495 (22)
T3 (3)	5/16" - 18 (M10)	9 (12)	427 (19)	9 (12)	450 (20)
T4 (4)	5/16" - 18 (M12)	9 (12)	607 (27)	9 (12)	652 (29)
T5 (5)	5/16" - 18 (M16)	6 (8)	382 (17)	6 (8)	562 (25)

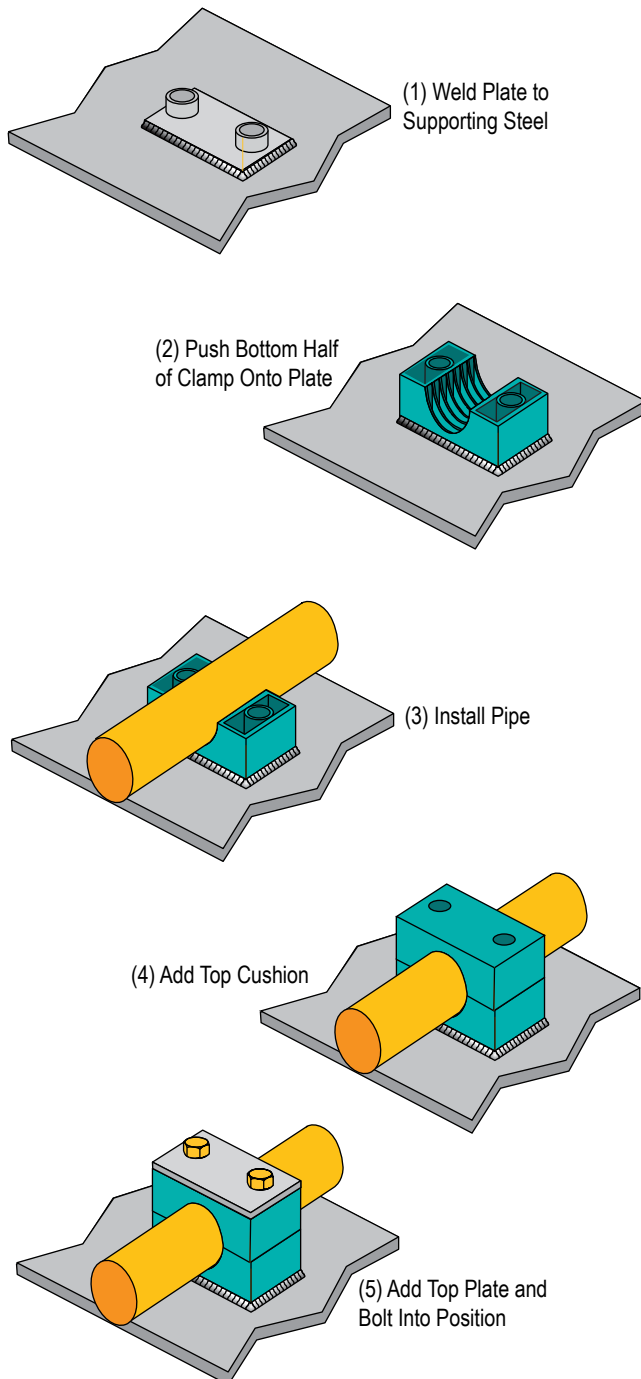


Installation on Weld Plates

Foster weld plates are available for the following Series:

- Standard-Series
- Heavy-Series
- Twin-Series
- Beta Adapters

For best alignment of Foster clamps we recommend that you mark their location before welding.



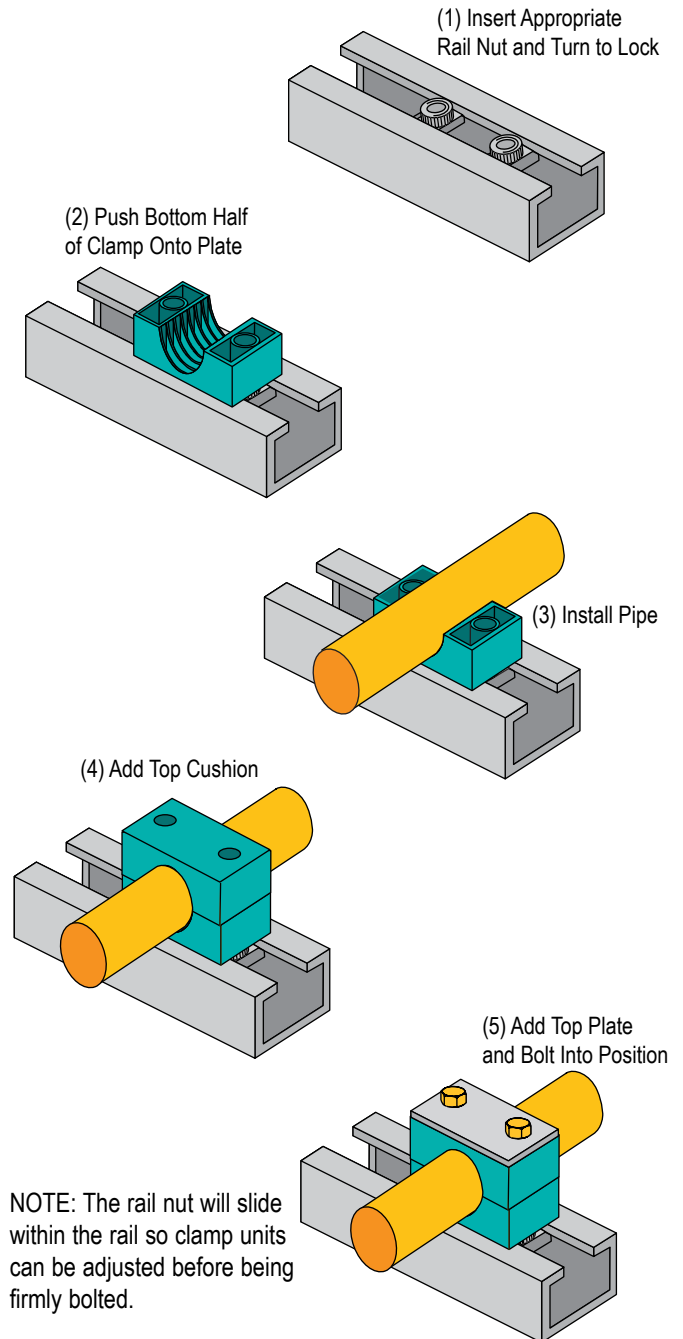
Installation on Mounting Rails

Foster mounting rails can be used with the following Series:

- Standard-Series
- Heavy-Series (Group H3 to H6)
- Twin-Series
- Beta Adapters

Foster mounting rails are available in two different height sizes and are either welded or bolted to the supporting construction.

For Standard-Series and Twin-Series insert hexagon rail nut and turn to lock. For Heavy-Series slide in rail nut.



NOTE: The rail nut will slide within the rail so clamp units can be adjusted before being firmly bolted.

Drill i es or PT Pipe Taps		
Tap i e In	Threads Inch	Drill Dia In
1/8"	27	R
1/4"	18	7/16"
3/8"	18	37/64"
1/2"	14	23/32"
3/4"	14	59/64"
1"	11 1/2	1 5/32"
1 1/4"	11 1/2	1 1/2"
1 1/2"	11 1/2	1 47/64"
2"	11 1/2	2 7/32"
2 1/2"	8	2 5/8"
3"	8	3 1/4"
3 1/2"	8	3 3/4"
4"	8	4 1/4"

Tap & Drill i es (Unified National Coarse)		
Tap i e In	Threads Inch	Drill i e In
1/4"	20	7
5/16"	18	F
3/8"	16	5/16"
7/16"	14	U
1/2"	13	27/64"
9/16"	12	31/64"
5/8"	11	17/32"
3/4"	10	21/32"
7/8"	9	49/64"
1"	8	7/8"
1 1/8"	7	63/64"
1 1/4"	7	1 1/64"
1 3/8"	6	1 7/32"
1 1/2"	6	1 11/32"
1 3/4"	5	1 9/16"
2"	4 1/2	1 25/32"

Standard eight Pipe Data					
Nominal Diameter In			Nominal Length Containing one Cu Ft	Gallons Linear Ft Gallons	
Pipe	Inside	Outside			
1/8"	0.269"	0.405"	0.245	2,526.000	0.0030
1/4"	0.364"	0.540"	0.425	1,383.800	0.0054
3/8"	0.493"	0.675"	0.568	754.360	0.0099
1/2"	0.622"	0.840"	0.851	473.910	0.0158
3/4"	0.824"	1.050"	1.131	270.030	0.0277
1"	1.049"	1.315"	1.679	166.620	0.0449
1 1/4"	1.380"	1.660"	2.273	96.275	0.0777
1 1/2"	1.610"	1.900"	2.718	70.733	0.1058
2"	2.067"	2.375"	3.653	49.913	0.1743
2 1/2"	2.469"	2.875"	5.793	30.077	0.2487
3"	3.068"	3.500"	7.580	19.479	0.3840
3 1/2"	3.548"	4.000"	9.110	14.565	0.5136
4"	4.026"	4.500"	10.790	11.312	0.6613
5"	5.047"	5.563"	14.620	7.198	1.0393
6"	6.065"	6.625"	18.970	4.984	1.5008
8"	7.981"	8.625"	28.550	2.878	2.5988
10"	10.020"	10.750"	40.480	1.826	4.0963

Copper Tube Data - Type L					
Outside In	D In	D In	Wall Thic In	Weight per Foot lbs	Weight per Foot lbs
1/4"	3/8"	0.375"	0.030"	0.126	0.034
3/8"	1/2"	0.500"	0.035"	0.198	0.062
1/2"	5/8"	0.625"	0.040"	0.285	0.100
5/8"	3/4"	0.750"	0.042"	0.362	0.151
3/4"	7/8"	0.875"	0.045"	0.455	0.209
1"	1 1/8"	1.125"	0.050"	0.655	0.357
1 1/4"	1 3/8"	1.375"	0.055"	0.884	0.546
1 1/2"	1 5/8"	1.625"	0.060"	1.140	0.767
2"	2 1/8"	2.125"	0.070"	1.750	1.341
2 1/2"	2 5/8"	2.625"	0.080"	2.480	2.064
3"	3 1/8"	3.125"	0.090"	3.330	2.949
3 1/2"	3 5/8"	3.625"	0.100"	4.290	3.989
4"	4 1/8"	4.125"	0.110"	5.380	5.188
5"	5 7/8"	5.125"	0.125"	7.610	8.081
6"	6 1/8"	6.125"	0.140"	10.200	11.616
8"	8 7/8"	8.125"	0.200"	19.290	20.289
10"	10 1/8"	10.125"	0.250"	30.100	31.590
12"	12 1/8"	12.125"	0.280"	40.400	45.426

Copper Tube Data - Type					
Outside In	D In	D In	Wall Thic In	Weight per Foot lbs	Weight per Foot lbs
1/4"	3/8"	0.375"	0.035"	0.145	0.032
3/8"	1/2"	0.500"	0.049"	0.269	0.055
1/2"	5/8"	0.625"	0.049"	0.344	0.094
5/8"	3/4"	0.750"	0.049"	0.418	0.144
3/4"	7/8"	0.875"	0.065"	0.641	0.188
1"	1 1/8"	1.125"	0.065"	0.839	0.337
1 1/4"	1 3/8"	1.375"	0.065"	1.040	0.527
1 1/2"	1 5/8"	1.625"	0.072"	1.360	0.743
2"	2 1/8"	2.125"	0.083"	2.060	1.310
2 1/2"	2 5/8"	2.625"	0.095"	2.920	2.000
3"	3 1/8"	3.125"	0.109"	4.000	2.960
3 1/2"	3 5/8"	3.625"	0.120"	5.120	3.900
4"	4 1/8"	4.125"	0.134"	6.510	5.060
5"	5 7/8"	5.125"	0.160"	9.670	8.000
6"	6 1/8"	6.125"	0.192"	13.870	11.200
8"	8 7/8"	8.125"	0.271"	25.900	19.500
10"	10 7/8"	10.125"	0.338"	40.300	30.423
12"	12 7/8"	12.125"	0.405"	57.800	43.675

Steel Pipe Data - Schedule 40 & 80					
Nominal Diameter In	D In	Schedule No.	Wall Thic In	Weight per Foot lbs	Weight per Foot lbs
3/8"	0.675"	40	0.091"	0.567	0.083
		80	0.126"	0.738	0.061
1/2"	0.840"	40	0.109"	0.850	0.132
		80	0.147"	1.087	0.101
3/4"	1.050"	40	0.113"	1.130	0.230
		80	0.154"	1.473	0.186
1"	1.315"	40	0.133"	1.678	0.374
		80	0.179"	2.171	0.311
1 1/4"	1.660"	40	0.140"	2.272	0.647
		80	0.191"	2.996	0.555
1 1/2"	1.900"	40	0.145"	2.717	0.882
		80	0.200"	3.631	0.765
2"	2.375"	40	0.154"	3.652	1.452
		80	0.218"	5.022	1.279
2 1/2"	2.875"	40	0.203"	5.790	2.072
		80	0.276"	7.660	1.834
3"	3.500"	40	0.216"	7.570	3.200
		80	0.300"	10.250	2.860
3 1/2"	4.000"	40	0.226"	9.110	4.280
		80	0.318"	12.510	3.850
4"	4.500"	40	0.237"	10.790	5.510
		80	0.337"	14.980	4.980
5"	5.563"	40	0.258"	14.620	8.660
		80	0.375"	20.780	7.870
6"	6.625"	40	0.280"	18.970	12.510
		80	0.432"	28.570	11.290
8"	8.625"	40	0.322"	28.550	21.600
		80	0.500"	43.390	19.800
10"	10.750"	40	0.365"	40.480	34.100
		80	0.593"	64.400	31.100
12"	12.75"	40	0.406"	53.600	48.500
		80	0.687"	88.600	44.000
14"	14.000"	40	0.437"	63.000	58.500
		80	0.750"	107.000	51.200
16"	16.000"	40	0.500"	83.000	76.500
		80	0.843"	137.000	69.700
18"	18.000"	40	0.563"	105.000	97.200
		80	0.937"	171.000	88.500
20"	20.000"	40	0.593"	123.000	120.400
		80	1.031"	209.000	109.400

P C and CP C Pipes - schedule inches					
nominal Pipe size	outside Diameter	minimum wall Thickness	nominal Inside Diameter	weight	
				P C	CP C
1/2"	0.840"	0.109"	0.622"	16	17
3/4"	1.050"	0.113"	0.824"	21	23
1"	1.315"	0.133"	1.049"	32	34
1 1/4"	1.660"	0.140"	1.380"	43	46
1 1/2"	1.900"	0.145"	1.610"	51	55
2"	2.375"	0.154"	2.067"	68	74
2 1/2"	2.875"	0.203"	2.469"	107	118
3"	3.500"	0.216"	3.068"	141	154
4"	4.500"	0.237"	4.026"	201	220
5"	5.563"	0.258"	5.047"	273	-
6"	6.625"	0.280"	6.065"	353	386
8"	8.625"	0.322"	7.981"	539	581
10"	10.750"	0.365"	10.020"	755	824
12"	12.750"	0.406"	11.938"	1001	1089
14"	14.000"	0.438"	13.124"	1180	-
16"	16.000"	0.500"	15.000"	1543	-

P C and CP C Pipes - schedule inches					
nominal Pipe size	outside Diameter	minimum wall Thickness	nominal Inside Diameter	weight	
				P C	CP C
1/2"	0.840"	0.147"	0.546"	20	22
3/4"	1.050"	0.154"	0.742"	27	30
1"	1.315"	0.179"	0.957"	41	44
1 1/4"	1.660"	0.191"	1.278"	52	61
1 1/2"	1.900"	0.200"	1.500"	67	74
2"	2.375"	0.218"	1.939"	95	102
2 1/2"	2.875"	0.276"	2.323"	145	156
3"	3.500"	0.300"	2.900"	194	209
4"	4.500"	0.337"	3.826"	275	305
5"	5.563"	0.375"	4.813"	387	-
6"	6.625"	0.432"	5.761"	542	582
8"	8.625"	0.500"	7.625"	805	883
10"	10.750"	0.593"	9.564"	1200	1309
12"	12.750"	0.687"	11.376"	1650	180
14"	14.000"	0.750"	12.500"	1930	-
16"	16.000"	0.843"	14.314"	2544	-

P C - all schedule - support spacing feet			
P inches	operating Temperature F		
1/2"	4 1/2	4	2 1/2
3/4"	5	4	2 1/2
1"	5 1/2	4 1/2	2 1/2
1 1/4"	5 1/2	5	3
1 1/2"	6	5	3
2"	6	5	3
3"	7	6	3 1/2
4"	7 1/2	6 1/2	4
6"	8 1/2	7 1/2	4 1/2
8"	9	8	4 1/2

P C - all schedule - support spacing feet			
P inches	operating Temperature F		
1/2"	5	4 1/2	2 1/2
3/4"	5 1/2	4 1/2	2 1/2
1"	6	5	3
1 1/4"	6 1/2	5 1/2	3 1/2
1 1/2"	7	6	3 1/2
2"	8	7	4
3"	9	7 1/2	4 1/2
4"	10	9	5
6"	11	9 1/2	5 1/2
8"	9	8	4 1/2

Hydraulic Hose - SAE Type AT				
A number	Hose I D		Hose O D	
	in	mm	in	mm
SAE-3	3/16"	5.0	0.46"	12
SAE-4	1/4"	6.3	0.53"	13
SAE-5	5/16"	8.0	0.59"	15
SAE-6	3/8"	10.0	0.68"	17
SAE-8	1/2"	12.5	0.81"	21
SAE-10	5/8"	16.0	0.94"	24
SAE-12	3/4"	19.0	1.09"	28
SAE-16	1"	25.0	1.41"	36
SAE-20	1 1/4"	31.5	1.79"	45
SAE-24	1 1/2"	38.0	2.00"	51
SAE-32	2"	51.0	2.54"	64

Hydraulic Hose - SAE Type AT - I				
A number	Hose I D		Hose O D	
	in	mm	in	mm
SAE-4	1/4"	6.3	0.53"	13
SAE-5	5/16"	8.0	0.59"	15
SAE-6	3/8"	10.0	0.68"	17
SAE-8	1/2"	12.5	0.81"	21
SAE-10	5/8"	16.0	0.94"	24
SAE-12	3/4"	19.0	1.09"	28
SAE-16	1"	25.0	1.41"	36
SAE-20	1 1/4"	31.5	1.79"	45
SAE-24	1 1/2"	38.0	2.00"	51
SAE-32	2"	51.0	2.54"	64

Hydraulic Hose - SAE Type AT				
A number	Hose I D		Hose O D	
	in	mm	in	mm
SAE-4	1/4"	6.3	0.53"	13
SAE-5	5/16"	8.0	0.59"	15
SAE-6	3/8"	10.0	0.68"	17
SAE-8	1/2"	12.5	0.81"	21
SAE-10	5/8"	16.0	0.94"	24
SAE-12	3/4"	19.0	1.09"	28
SAE-16	1"	25.0	1.41"	36

Hydraulic Hose - SAE Type AT - I				
A number	Hose I D		Hose O D	
	in	mm	in	mm
SAE-4	1/4"	6.3	0.53"	13
SAE-6	3/8"	10.0	0.68"	17
SAE-8	1/2"	12.5	0.81"	21
SAE-10	5/8"	16.0	0.94"	24
SAE-12	3/4"	19.0	1.09"	28
SAE-16	1"	25.0	1.41"	36
SAE-20	1 1/4"	31.5	1.79"	45

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Fractions	Decimal (in)	etric (mm)
1/64	0.016"	0.40
1/32	0.031"	0.79
	0.039"	1
3/64	0.047"	1.19
1/16	0.063"	1.59
5/64	0.078"	1.98
	0.079"	2
3/32	0.094"	2.38
7/64	0.109"	2.78
	0.118"	3
1/8	0.125"	3.18
9/64	0.141"	3.57
5/32	0.156"	3.97
	0.157"	4
11/64	0.172"	4.37
3/16	0.188"	4.76
	0.197"	5
13/64	0.203"	5.16
7/32	0.219"	5.56
15/64	0.234"	5.95
	0.236"	6
1/4	0.250"	6.35
17/64	0.266"	6.75
	0.276"	7
9/32	0.281"	7.14
19/64	0.297"	7.54
5/16	0.313"	7.94
	0.315"	8
21/64	0.328"	8.33
11/32	0.344"	8.73
	0.354"	9
23/64	0.359"	9.13
3/8	0.375"	9.53
25/64	0.391"	9.92
	0.394"	10
13/32	0.406"	10.32
27/64	0.422"	10.72
	0.433"	11
7/16	0.438"	11.11
29/64	0.453"	11.51
15/32	0.469"	11.91
	0.472"	12
31/64	0.484"	12.30
1/2	0.500"	12.70
	0.512"	13
33/64	0.516"	13.10
17/32	0.531"	13.49
35/64	0.547"	13.89
	0.551"	14
9/16	0.563"	14.29
37/64	0.578"	14.68
	0.591"	15
19/32	0.594"	15.08
39/64	0.609"	15.48
5/8	0.625"	15.88
	0.630"	16
41/64	0.641"	16.27
21/32	0.656"	16.67
	0.669"	17
43/64	0.672"	17.07
11/16	0.688"	17.46
45/64	0.703"	17.86
	0.709"	18
23/32	0.719"	18.26
47/64	0.734"	18.65
	0.748"	19
3/4	0.750"	19.05
49/64	0.766"	19.45
25/32	0.781"	19.84
	0.787"	20
51/64	0.797"	20.24
13/16	0.813"	20.64
53/64	0.828"	21.03

Fractions	Decimal (in)	etric (mm)
27/32	0.844"	21.43
55/64	0.859"	21.83
7/8	0.875"	22.23
57/64	0.891"	22.62
29/32	0.906"	23
59/64	0.922"	23.42
15/16	0.938"	23.81
61/64	0.953"	24.21
31/32	0.969"	24.61
63/64	0.984"	25
1	1"	25.40
1 1/32	1.031"	26.19
1 1/16	1.063"	26.99
1 3/32	1.094"	27.78
1 1/8	1.125"	28.58
1 5/32	1.156"	29.37
	1.181"	30
1 3/16	1.188"	30.16
1 7/32	1.219"	30.96
1 1/4	1.250"	31.75
1 9/32	1.281"	32.54
1 5/16	1.313"	33.34
1 11/32	1.344"	34.13
1 3/8	1.375"	34.93
	1.378"	35
1 13/32	1.406"	35.72
1 7/16	1.438"	36.51
1 15/32	1.469"	37.31
1 1/2	1.500"	38.10
1 17/32	1.531"	38.89
1 9/16	1.563"	39.69
	1.575"	40
1 19/32	1.594"	40.48
1 5/8	1.625"	41.28
1 21/32	1.656"	42.07
1 11/16	1.688"	42.86
1 23/32	1.719"	43.66
1 3/4	1.750"	44.45
	1.772"	45
1 29/32	1.781"	45.24
1 13/16	1.813"	46.04
1 27/32	1.844"	46.83
1 7/8	1.875"	47.63
1 29/32	1.906"	48.42
1 15/16	1.938"	49.21
	1.969"	50
1 31/32	1.969"	50.01
2	2"	50.80
2 1/32	2.031"	51.59
2 1/16	2.063"	52.39
2 3/32	2.094"	53.18
2 1/8	2.125"	53.98
2 5/32	2.156"	54.77
	2.165"	55
2 3/16	2.188"	55.56
2 7/32	2.219"	56.36
2 1/4	2.250"	57.15
2 9/32	2.281"	57.94
2 5/16	2.313"	58.74
2 11/32	2.344"	59.53
	2.362"	60
2 3/8	2.375"	60.33
2 13/32	2.406"	61.12
2 7/16	2.438"	61.91
2 15/32	2.469"	62.71
2 1/2	2.500"	63.50
2 17/32	2.531"	64.29
	2.559"	65
2 9/16	2.563"	65.09
2 19/32	2.594"	65.88
2 5/8	2.625"	66.68
2 21/32	2.656"	67.47
2 11/16	2.688"	68.26

Fractions	Decimal (in)	etric (mm)
2 23/32	2.719"	69.06
2 3/4	2.750"	69.85
	2.756"	70
2 25/32	2.781"	70.64
2 13/16	2.813"	71.44
2 27/32	2.844"	72.23
2 7/8	2.875"	73.03
2 29/32	2.906"	73.82
2 15/16	2.938"	74.61
	2.953"	75
2 31/32	2.969"	75.41
3	3"	76.20
3 1/32	3.031"	76.99
3 1/16	3.063"	77.79
3 3/32	3.094"	78.58
3 1/8	3.125"	79.38
	3.150"	80
3 5/32	3.156"	80.17
3 3/16	3.188"	80.96
3 7/32	3.219"	81.76
3 1/4	3.250"	82.55
3 9/32	3.281"	83.34
3 5/16	3.313"	84.14
3 11/32	3.344"	84.93
	3.346"	85
3 3/8	3.375"	85.73
3 13/32	3.406"	86.52
3 7/16	3.438"	87.31
3 15/32	3.469"	88.11
3 1/2	3.500"	88.90
3 17/32	3.531"	89.69
	3.543"	90
3 9/16	3.563"	90.49
3 19/32	3.594"	91.28
3 5/8	3.625"	92.08
3 21/32	3.656"	92.87
3 11/16	3.688"	93.66
3 23/32	3.719"	94.46
	3.740"	95
3 3/4	3.750"	95.25
3 25/32	3.781"	96.04
3 13/16	3.813"	96.84
3 27/32	3.844"	97.63
3 7/8	3.875"	98.43
3 29/32	3.906"	99.22
	3.937"	100
3 15/16	3.938"	100.01
3 31/32	3.969"	100.81
4	4"	101.60
4 1/16	4.063"	103.19
4 1/8	4.125"	104.78
4 3/16	4.188"	106.36
4 1/4	4.250"	107.95
4 5/16	4.313"	109.54
	4.331"	110
4 3/8	4.375"	111.13
4 7/16	4.438"	112.71
4 1/2	4.500"	114.30
4 9/16	4.563"	115.89
4 5/8	4.625"	117.48
4 11/16	4.688"	119.06
	4.724"	120
4 3/4	4.750"	120.65
4 13/16	4.813"	122.24
4 7/8	4.875"	123.83
4 15/16	4.938"	125.41
5	5"	127.00
	5.118"	130
5 1/4	5.250"	133.35
5 1/2	5.500"	139.70
	5.512"	140
5 3/4	5.750"	146.05
	5.906"	150

Fractions	Decimal (in)	etric (mm)
6	6"	152.40
6 1/4	6.250"	158.75
	6.299"	160
6 1/2	6.500"	165.10
	6.693"	170
6 3/4	6.750"	171.45
7	7"	177.80
	7.087"	180
	7.480"	190
7 1/2	7.500"	190.50
	7.874"	200
8	8"	203.20
8 1/2	8.500"	215.90
9	9"	228.60
9 1/2	9.500"	241.30
	9.843"	250
10	10"	254.00
11	11"	279.40
	11.811"	300
12	12"	304.80
13	13"	330.20
	13.780"	350
14	14"	355.60
15	15"	381.00
	15.748"	400
16	16"	406.40
17	17"	431.80
	17.717"	450
18	18"	457.20
19	19"	482.60
	19.685"	500
20	20"	508.00



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S4012RI	138	SD7-5W	29	SL3003	19	SLSD9-5	31
S4017	130	SD9-3	18	SL3003W	19	SLSP13-5	31
S4018	130	SD9-4	22	SL3103	19	SLSP15-5	31
S4C	138	SD9-5	29	SL3103D	19	SLSP17-5	31
S5016H	136	SD9-5W	29	SL3103HW	19	SLSP19-5	31
S5020	130	SDC-2	85	SL3103W	19	SM1006	130
S5021	130	SDC-4	85	SL3203	19	SM1008	130
S5024	130	SDC-6	85	SL3303	19	SM1012	130
S5027	130	SDC-8	85	SL3603	19	SM2014	130
S6014RI	138	SE45	107	SL3653	19	SM2015	130
S6015RI	138	SE90	107	SL3703	19	SM2018	130
S6016RI	138	SG	16	SL4004	24	SM3020	130
S6017RI	138	SGTF	39	SL4015	30	SM3025	130
S6020RI	138	SHB	131	SL4104	24	SM4006RI	138
S6028	130	SHD	45	SL4204	24	SM4008RI	138
S6030	130	SHD-DP	44	SL4304	24	SM4012RI	138
S6032	130	SHD1513	43	SL4404	24	SM4014RI	138
S6C	138	SHD16	45	SL4504	24	SM4015RI	138
S7036	130	SHD17	45	SL4604	24	SM4030	130
S7038	130	SHD1713	43	SL4704	24	SM5035	130
S7040	130	SHD1815	44	SL4804	24	SM6028RI	138
S7044	130	SHD2803	43	SL4904	24	SM6030RI	138
S7048	130	SHD2903	43	SL4905	30	SP	131
SB1	131	SHD3003	43	SL5005	30	SP13-5	29
SB2	131	SHD3103	43	SL5105	30	SP13-5W	29
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SP19-5	29	T-3	146	TFSB54	41	SP19-5	29
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SPB3103	60	T1006	134	TFSB74	41	SPB3103	60
SPD	119	T1007	134	TFSC5	39	SPD	119
SPH	120	T2004H	137	TFSC7	39	SPH	120
SPN	118	T2006H	137	TFSD11	39	SPN	118
SPP	121	T2008	134	TFSD114	41	SPP	121
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ST2	96	T3008H	137	TFSD9	39	ST2	96
ST3	96	T3012	134	TFSD94	41	ST3	96
ST4	96	T3014	134	TP	135	ST4	96
ST6	96	T3015	134	TRN2-5	135	ST6	96
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SV3203	58	T5024	134	ZSA1-8	131	SV3203	58
SV3303	58	T5027	134			SV3303	58
SV3603	58	TB	135			SV3603	58
SV3703	58	TC	135			SV3703	58
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SV4104	58	TF1513	39			SV4104	58
SV4204	58	TF1713	39			SV4204	58
SV4304	58	TF1714	41			SV4304	58
SV4404	58	TF1814	41			SV4404	58
SV4504	58	TF2803	39			SV4504	58
SV4604	58	TF2903	39			SV4604	58
SV4804	58	TF3003	39			SV4804	58
SV4904	58	TF3103	39			SV4904	58
SV5005	58	TF3203	39			SV5005	58
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SV5305CA	59	TF40	41			SV5305CA	59
SV5405	58	TF4004	41			SV5405	58
SV5505	58	TF41	41			SV5505	58
SV5505CA	59	TF4104	41			SV5505CA	59
SV5705	58	TF42	41			SV5705	58
SV5805	58	TF4204	41			SV5805	58
SV5905	58	TF43	41			SV5905	58
SV6406	58	TF4304	41			SV6406	58
SV6406CA	59	TF4404	41			SV6406CA	59
SV6506	58	TF4504	41			SV6506	58
SV6506CA	59	TF4604	41			SV6506CA	59
SV6606	58	TF4704	41			SV6606	58
SV6706	58	TF48	41			SV6706	58
SV6906	58	TF4804	41			SV6906	58
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