



## FST & ST Series

### (Straight-Thru Industrial Interchange)

**Type:** FST Straight-Thru, No valve in either socket or plug.

**Interchangeability:** Standard industrial interchange design, most widely used in industry. Within each series, only sockets and plugs of the same size will couple together.

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

**Options:** Ball Lock (BL) – Locks 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.

**Seal Compound:** Standard seals are Buna-N

**Temperature Range:** -40° to +250°F.

**Performance Data Flow:** Couplers have same inside diameter as nominal pipe.

**Rated Pressure:** Rated pressures as defined by ANSI/B93.2-1986, based on 4:1 Safety Factor and non-shock service.

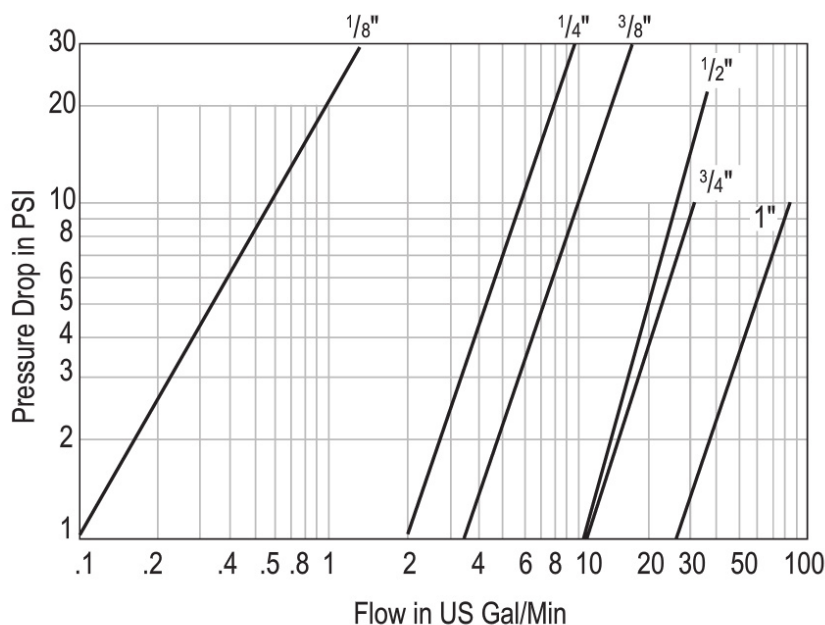
**Vacuum Service:** 27" Hg maximum

Only Sockets & Plugs with same prefix digits connect together.  
Example: 25FS & 25MPB

Body Size	Brass Socket w/ Brass Plug	Brass Socket w/ Steel Plug	S/S Socket w/ S/S Plug
	PSIG	PSIG	PSIG
1/8"	2500	2600	4200
1/4"	5200	5500	6700
3/8"	2700	3500	5500
1/2"	2200	2700	3000
3/4"	1700	2700	3000
1"	1700	2000	1700
1 1/4"	1700	2700	-
1 1/2"	1400	2200	-

Performance:

#### Series "ST" Test Fluid: OIL-200 SUS



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

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## FST & ST Series Sockets, Straight Thru

Female Thread	Part No.	Brand	FPT	Description
	12FS	<b>F</b>	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			Brass
	25FS-101			Brass, w/Viton Seal
	BL25FS			Ball Lock, Brass
	25FSS	<b>B</b>	1/4"	303 Stainless
	25FSS-101			303 Stainless, w/Viton Seal
	25FSS-103			303 Stainless, w/EPDM Seal
	BL25FSS			Ball Lock, 303 Stainless Steel
	38FS			Brass
	38FS-101			Brass, w/Viton Seal
	38FS-103			Brass, w/EPDM Seal
	BL38FS			Ball Lock, Brass
	38FSS			303 Stainless
	38FSS-101			303 Stainless, w/Viton Seal
	38FSS-103	<b>F</b>	3/8"	303 Stainless, w/EPDM Seal
	BL38FSS			Ball Lock, 303 Stainless Steel
	50FS			Brass
	50FS-101			Brass, w/Viton Seal
	50FS-103			Brass, w/EPDM Seal
	BL50FS			Ball Lock, Brass
	50FSS			303 Stainless
	45TF4-SS			303 Stainless, w/Viton Seal
	50FSS-101			303 Stainless, w/EPDM Seal
	50FSS-103			Ball Lock, 303 Stainless Steel
	BL50FSS	<b>F</b>	1/2"	Ball Lock, 303 Stainless Steel

Hose Stem	Part No.	I.D.	Description
	38HS	3/8"	Brass
	BL38HS		Ball Lock, Brass
	50HS	1/2"	Brass
	BL50HS		Ball Lock, Brass

Requires Hose Clamp (See page 200 for typical hose clamps)

Female Thread	Part No.	Brand	FPT	Description
	75FS	<b>F</b>	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			Brass
	100FS-101	<b>F</b>	1"	Brass, w/Viton Seal
	BL100FS			Ball Lock, Brass
	100FSS			303 Stainless
	BL100FSS			Ball Lock, 303 Stainless Steel
	125FS			Brass
	BL125FS			Ball Lock, Brass
	125FS-103			Brass, w/EPDM Seal
	150FS			Brass
	BL150FS			Ball Lock, Brass

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

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See page 388 for full size templates

See page 373 - 374 for optional seal compounds



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## FST Series Plugs, Straight Thru

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

Hose Stem	Part No.	I.D.	Description
	25HP	1/4"	Steel
	38HPB	3/8"	Brass
	75HPB	3/4"	

Requires Hose Clamp (See page 200 for typical hose clamps)

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

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