

FET Series

High Pressure Non-Spill Quick Couplings



Connect with Confidence

Parker's FET Series couplings are built to be used in high pressure, high impulse applications that require the security of a threaded connection and the ability to connect and disconnect under residual pressure.

Manufactured from high grade materials, our FET Series couplings are built to be the work horse in the most demanding hydraulic applications. With a durable brinell resistant design and a unique stainless steel valve, these couplings provide a new level of performance in the coupling industry. Made in the USA, FET Series coupling are interchangeable with other European style thread-to-connect couplings.



FET Series Features:

- Up to 6000 psi operating pressure
- Connect under residual pressure up to 5000 psi
- Disconnect under residual pressure up to 2500 psi
- Interchanges with similar thread-to-connect couplings
- High impulse resistance
- High strength materials
- FNC coating for extended durability and corrosion resistance
- Robust threaded connection
- Visual connection indicator



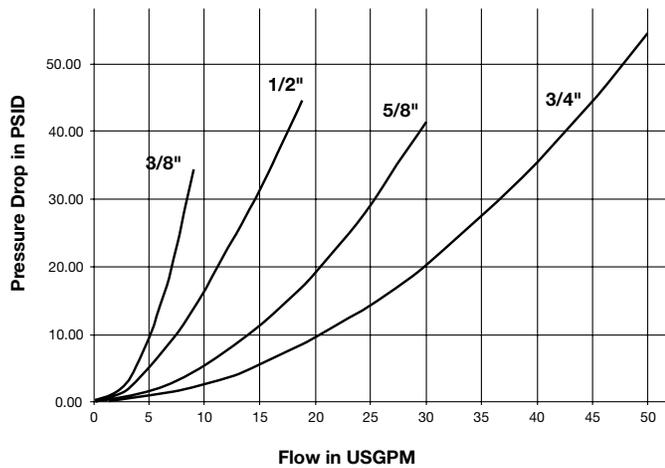
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FET Series Specifications

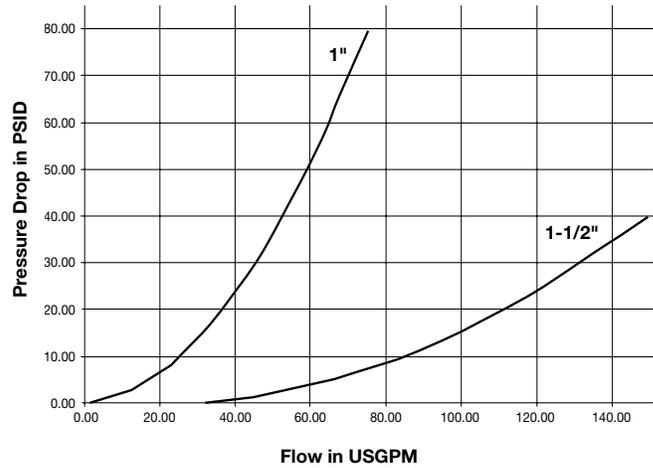
Body Size (inch)	Euro Interchange Size	Temperature Range	Seal Material	Body Material	Valve Material	Sleeve Type	Plating
3/8	9	-40° to +250° F	Nitrile/Polyurethane	Steel	Stainless Steel	Thread to Connect	FNC Coating
1/2	13						
5/8	15						
3/4	17						
1	21						
1 1/2	30						

Performance

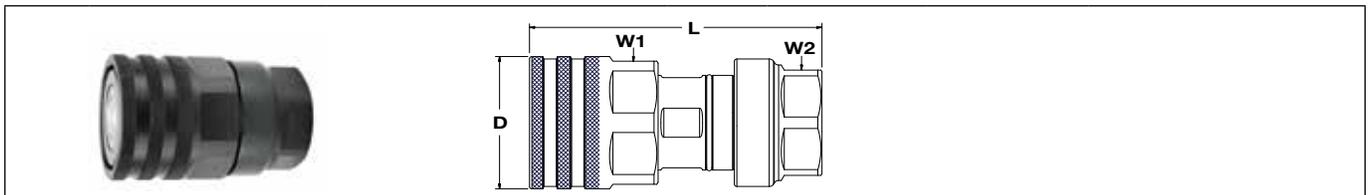
FET Series (3/8", 1/2", 5/8" & 3/4")
Test Fluid: Oil - 150 SUS



FET Series (1" & 1-1/2")
Test Fluid: Oil - 150 SUS

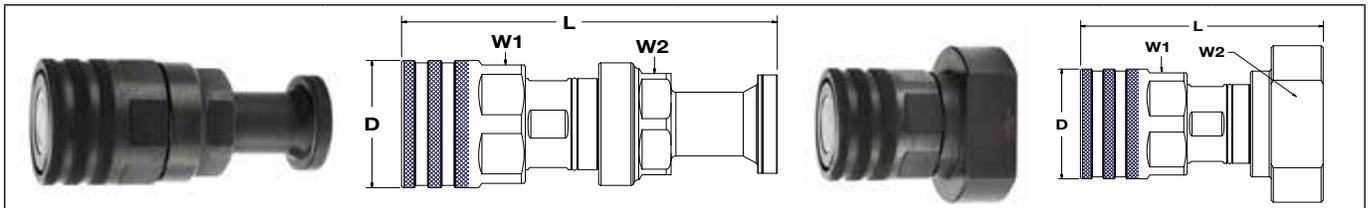


FET Series Couplers



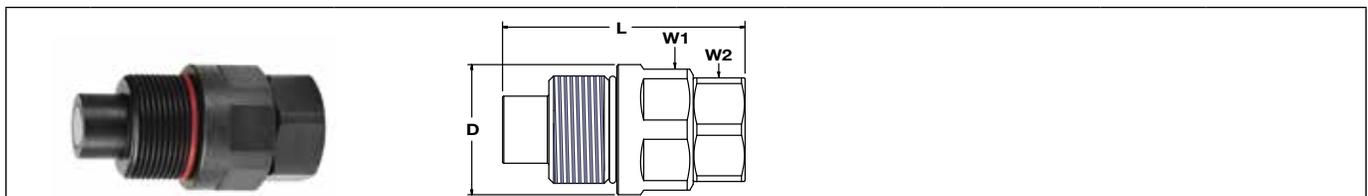
Body Size	Coupler Part Number	Port End	Length (in)	Dia (in)	Wrench Flats W1	Wrench Flats W2	Weight (lbs)	Rated Pressure (psi)
3/8	FET-371-8FO	3/4 - 16 UNF	3.83	1.65	38 mm	30 mm	0.91	6000
3/8	FET-371-8FP	1/2 - 14 NPTF	3.91	1.65	38 mm	30 mm	0.92	6000
1/2	FET-501-10FO	7/8 - 14 UNF	3.82	2.05	48 mm	1 1/2 in	1.40	6000
1/2	FET-501-8FP	1/2 - 14 NPTF	3.70	2.05	48 mm	1 1/2 in	1.38	6000
5/8	FET-621-12FO	1 1/16 - 12 UNF	4.66	2.12	50 mm	1 5/8 in	2.06	5000
5/8	FET-621-12FP	3/4 - 14 NPTF	4.52	2.12	50 mm	1 5/8 in	2.03	5000
3/4	FET-751-16FO	1 5/16 - 12 UNF	5.44	2.31	55 mm	2 in	3.30	5000
3/4	FET-751-16FP	1 - 11 1/2 NPTF	5.44	2.31	55 mm	2 in	3.35	5000
1	FET-1001-20FO	1 5/8 - 12 UNF	5.83	2.75	65 mm	2 3/16 in	4.72	5000
1	FET-1001-20FP	1 1/4 - 11 1/2 NPTF	5.83	2.75	65 mm	2 3/16 in	4.76	5000
1 1/2	FET-1501-24FO	1 7/8 - 12 UNF	7.08	3.75	85 mm	2 5/8 in	10.01	5000
1 1/2	FET-1501-24FP	1 1/2 - 11 1/2 NPTF	7.08	3.75	85 mm	2 5/8 in	10.06	5000

FET Series Couplers - Code 62 Flange



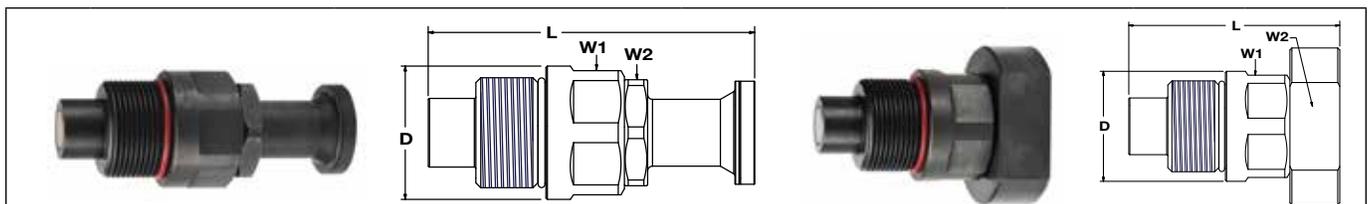
Body Size	Coupler Part Number	Port End	Bolt Thread Size	Length (in)	Dia (in)	Wrench Flats W1 (mm)	Wrench Flats W2 (in)	Weight (lbs)	Rated Pressure (psi)
3/4	FET-751-16SF	Flange Head	-	7.60	2.31	55	2	4.17	6000
3/4	FET-751-16SFP	Flange Pad	7/16 - 14 UNC	5.45	2.31	55	2 3/4	4.82	6000
1	FET-1001-20SF	Flange Head	-	7.78	2.75	65	2 3/16	5.44	6000
1	FET-1001-20SFP	Flange Pad	1/2 - 13 UNC	5.83	2.75	65	3	6.90	6000
1 1/2	FET-1501-24SF	Flange Head	-	9.83	3.75	85	2 5/8	11.37	5000
1 1/2	FET-1501-24SFP	Flange Pad	5/8 - 11 UNC	6.82	3.75	85	2 5/8	13.31	5000

FET Series Nipples



Body Size	Nipple Part Number	Port End	Length (in)	Dia (in)	Wrench Flats W1	Wrench Flats W2	Weight (lbs)	Rated Pressure (psi)
3/8	FET-372-8FO	3/4 - 16 UNF	3.51	1.60	38 mm	1 1/4 in	0.99	6000
3/8	FET-372-8FP	1/2 - 14 NPTF	3.51	1.60	38 mm	1 1/4 in	0.99	6000
1/2	FET-502-10FO	7/8 - 14 UNF	3.70	1.88	44 mm	1 1/8 in	1.14	6000
1/2	FET-502-8FP	1/2 - 14 NPTF	3.50	1.88	44 mm	1 1/8 in	1.13	6000
5/8	FET-622-12FO	1 1/16 - 12 UNF	4.21	2.12	50 mm	1 5/8 in	2.05	5000
5/8	FET-622-12FP	3/4 - 14 NPTF	4.08	2.12	50 mm	1 5/8 in	2.02	5000
3/4	FET-752-16FO	1 5/16 - 12 UNF	4.72	2.31	55 mm	2 in	2.76	5000
3/4	FET-752-16FP	1 - 11 1/2 NPTF	4.65	2.31	55 mm	2 in	2.72	5000
1	FET-1002-20FO	1 5/8 - 12 UNF	5.12	2.75	65 mm	2 3/16 in	4.31	5000
1	FET-1002-20FP	1 1/4 - 11 1/2 NPTF	5.12	2.75	65 mm	2 3/16 in	4.35	5000
1 1/2	FET-1502-24FO	1 7/8 - 12 UNF	5.94	3.75	75 mm	2 5/8 in	7.94	5000
1 1/2	FET-1502-24FP	1 1/2 - 11 1/2 NPTF	5.94	3.75	75 mm	2 5/8 in	8.00	5000

FET Series Nipples - Code 62 Flange



Body Size	Nipple Part Number	Port End	Bolt Thread Size	Length (in)	Dia (in)	Wrench Flats W1 (mm)	Wrench Flats W2 (in)	Weight (lbs)	Rated Pressure (psi)
3/4	FET-752-16SF	Flange Head	-	6.32	2.31	55	2	3.10	6000
3/4	FET-752-16SFP	Flange Pad	7/16 - 14 UNC	4.74	2.31	55	2 3/4	4.33	6000
1	FET-1002-20SF	Flange Head	-	6.70	2.75	65	2 3/16	4.71	6000
1	FET-1002-20SFP	Flange Pad	1/2 - 13 UNC	5.27	2.75	65	3	6.78	6000
1 1/2	FET-1502-24SF	Flange Head	-	7.77	3.75	75	2 5/8	8.08	5000
1 1/2	FET-1502-24SFP	Flange Pad	5/8 - 11 UNC	5.94	3.75	75	2 5/8	12.17	5000

FET Series Dust Caps and Plugs



Body Size	Nipple Dust Cap	Coupler Dust Plug
3/8	FET3DC-01	FET3DP-01
1/2	FET5DC-01	FET5DP-01
5/8	FET6DC-01	FET6DP-01
3/4	FET7DC-01	FET7DP-01
1	FET10DC-01	FET10DP-01
1 1/2	FET15DC-01	FET15DP-01



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