



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. Interchanges with similar European style thread-to-connect couplings.

Features:

- Connect under residual pressure up to 5000 psi
- Disconnect under residual pressure up to 2500 psi
- High impulse resistance
- High strength materials
- FNC coating for extended durability and corrosion resistance
- Visual connection indicator

Applications include:

- Mobile drill rigs
- Oil field equipment
- Umbilical lines
- High impulse mobile circuits
- Excavator attachments



**Working Under Pressure
Doesn't Need to Be So Hard.**

<http://solutions.parker.com/connect-under-pressure>

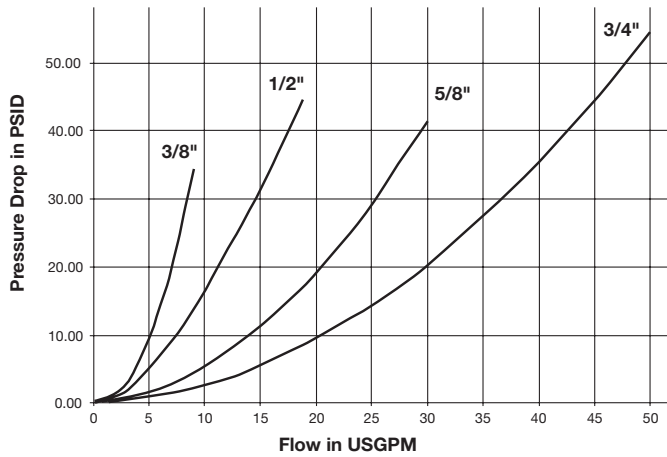
FET Series Specifications

| Body Size (inch) | Euro Size | Port End | Rated Pressure (psi) | Temperature Range | Body Material | Sleeve Type | Seal Material |
|------------------|-----------|---------------------|----------------------|-------------------|---------------|-------------------|--------------------------|
| 3/8 | 9 | Female ORB | 6000 | -40° to +250°F | Steel | Thread to Connect | Nitrile/ Polyurethane |
| | | Female NPTF | 6000 | | | | |
| 1/2 | 13 | Female ORB | 6000 | | | | |
| | | Female NPTF | 6000 | | | | |
| 5/8 | 15 | Female ORB | 5000 | | | | |
| | | Female NPTF | 5000 | | | | |
| 3/4 | 17 | Female ORB | 5000 | | | | |
| | | Female NPTF | 5000 | | | | |
| | | Code 62 Flange Head | 6000 | | | | |
| | | Code 62 Flange Pad | 6000 | | | | |
| 1 | 21 | Female ORB | 5000 | | | | |
| | | Female NPTF | 5000 | | | | |
| | | Code 62 Flange Head | 6000 | | | | |
| | | Code 62 Flange Pad | 6000 | | | | |
| 1-1/2 | 30 | Female ORB | 5000 | | | | |
| | | Female NPTF | 5000 | | | | |
| | | Code 62 Flange Head | 5000 | | | | |
| | | Code 62 Flange Pad | 5000 | | | | |
| 2 | 45 | Female ORB | 5000 | | | | |
| | | Female NPTF | 5000 | | | | |

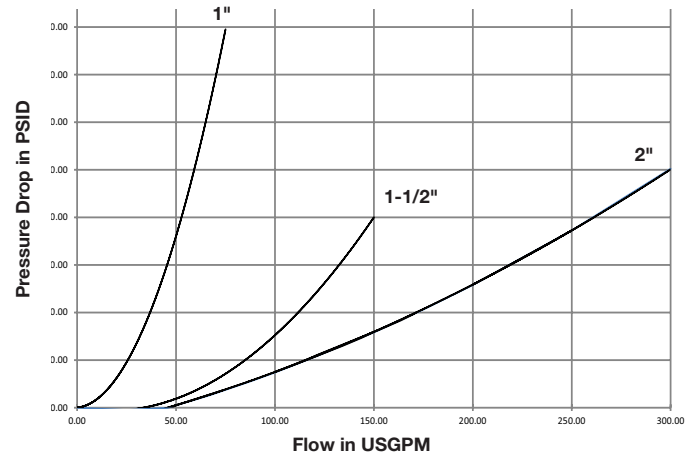


Performance

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

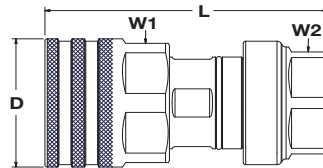


FET Series (1", 1-1/2" & 2")
Test Fluid: Oil - 150 SUS



B Hydraulics

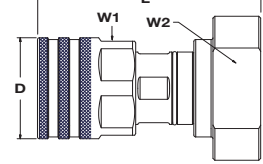
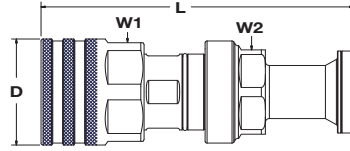
FET Series Couplers



| Body Size | Coupler Part Number | Port End | Length (in) | Largest Diameter (in) | Wrench Flats W1 | Wrench Flats W2 | Weight (lbs.) |
|-----------|---------------------|---------------------|-------------|-----------------------|-----------------|-----------------|---------------|
| 3/8 | FET-371-8FO | 3/4 -16 UNF | 3.83 | 1.65 | 38 mm | 30 mm | 0.91 |
| 3/8 | FET-371-8FP | 1/2 -14 NPTF | 3.91 | 1.65 | 38 mm | 30 mm | 0.92 |
| 1/2 | FET-501-10FO | 7/8 -14 UNF | 3.82 | 2.05 | 48 mm | 1-1/2 in | 1.40 |
| 1/2 | FET-501-8FP | 1/2 -14 NPTF | 3.70 | 2.05 | 48 mm | 1-1/2 in | 1.38 |
| 5/8 | FET-621-12FO | 1 1/16 -12 UNF | 4.66 | 2.12 | 50 mm | 1-5/8 in | 2.06 |
| 5/8 | FET-621-12FP | 3/4 -14 NPTF | 4.52 | 2.12 | 50 mm | 1-5/8 in | 2.03 |
| 3/4 | FET-751-16FO | 1 5/16 -12 UNF | 5.44 | 2.31 | 55 mm | 2 in | 3.30 |
| 3/4 | FET-751-16FP | 1 - 11 1/2 NPTF | 5.44 | 2.31 | 55 mm | 2 in | 3.35 |
| 1 | FET-1001-20FO | 1 5/8 - 12 UNF | 5.83 | 2.75 | 65 mm | 2-3/16 in | 4.72 |
| 1 | FET-1001-20FP | 1 1/4 -11 1/2 NPTF | 5.83 | 2.75 | 65 mm | 2-3/16 in | 4.76 |
| 1-1/2 | FET-1501-24FO | 1 7/8 - 12 UNF | 7.08 | 3.75 | 85 mm | 2-5/8 in | 10.01 |
| 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 |
| 2 | FET-2001-32FO | 2 1/2 - 12 UN | 11.67 | 7.52 | - | 3-3/4 | 33.73 |
| 2 | FET-2001-32FP | 2 - 11 1/2 NPTF | 11.67 | 7.52 | - | 3-3/4 | 34.05 |

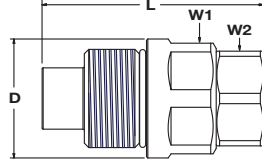


FET Series Couplers - Code 62 Flange



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

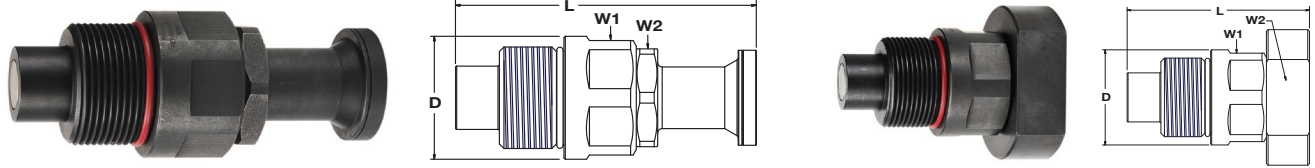
FET Series Nipples



| Body Size | Nipple Part Number | Port End | Length (in) | Largest Diameter (in) | Wrench Flats W1 | Wrench Flats W2 | Weight (lbs.) |
|-----------|--------------------|--------------------|-------------|-----------------------|-----------------|-----------------|---------------|
| 3/8 | FET-372-8FO | 3/4 -16 UNF | 3.51 | 1.60 | 38 mm | 1-1/4 in | 0.99 |
| 3/8 | FET-372-8FP | 1/2 -14 NPTF | 3.51 | 1.60 | 38 mm | 1-1/4 in | 0.99 |
| 1/2 | FET-502-10FO | 7/8 -14 UNF | 3.70 | 1.88 | 44 mm | 1-1/8 in | 1.14 |
| 1/2 | FET-502-8FP | 1/2 -14 NPTF | 3.50 | 1.88 | 44 mm | 1-1/8 in | 1.13 |
| 5/8 | FET-622-12FO | 1 1/16 -12 UNF | 4.21 | 2.12 | 50 mm | 1-5/8 in | 2.05 |
| 5/8 | FET-622-12FP | 3/4 -14 NPTF | 4.08 | 2.12 | 50 mm | 1-5/8 in | 2.02 |
| 3/4 | FET-752-16FO | 1 5/16 -12 UNF | 4.72 | 2.31 | 55 mm | 2 in | 2.76 |
| 3/4 | FET-752-16FP | 1 - 11 1/2 NPTF | 4.65 | 2.31 | 55 mm | 2 in | 2.72 |
| 1 | FET-1002-20FO | 1 5/8 - 12 UNF | 5.12 | 2.75 | 65 mm | 2-3/16 in | 4.31 |
| 1 | FET-1002-20FP | 1 1/4 -11 1/2 NPTF | 5.12 | 2.75 | 65 mm | 2-3/16 in | 4.35 |
| 1-1/2 | FET-1502-24FO | 1 7/8 - 12 UNF | 5.94 | 3.75 | 75 mm | 2-5/8 in | 7.94 |
| 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 |
| 2 | FET-2002-32FO | 2 1/2 - 12 UN | 8.56 | 5.70 | 4-1/2 in | 3-3/4 in | 33.73 |
| 2 | FET-2002-32FP | 2 -11 1/2 NPTF | 8.56 | 5.70 | 4-1/2 in | 3-3/4 in | 34.05 |



FET Series Nipples - Code 62 Flange



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

B Hydraulics

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 |
| 2 | FET20DC-01 | FET20DP-01 |