

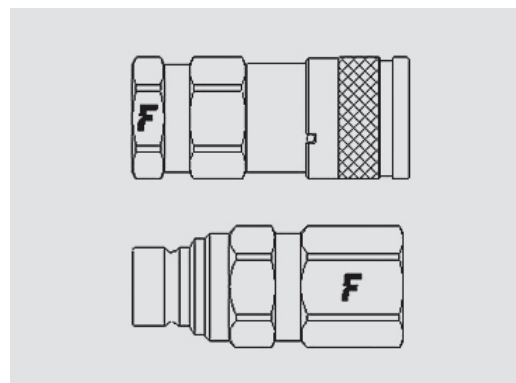
2FFI stainless steel



Flat face couplings, ISO 16o28, stainless steel.

Flat face couplings, with stainless steel (AISI 316) components and seals in FKM (Viton). High resistance to corrosion. ISO 16o28 interchange.

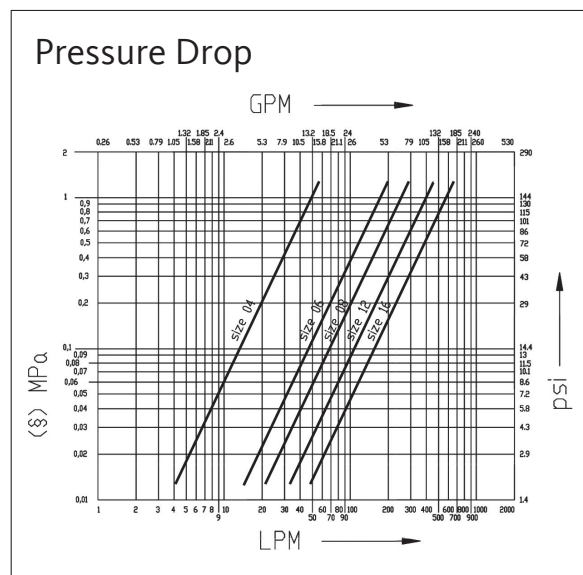
Applications

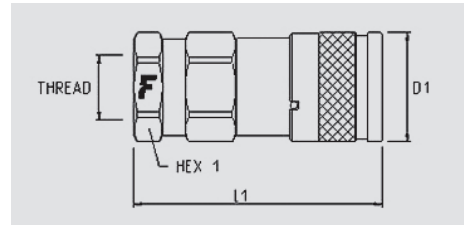


Technical Specifications

| dash | Size | | Working Pressure (MPa) | Flow Rate (l/min) | Spillage (ml) | Force to Connect (N) | Burst pressure (MPa) | | |
|------|------|------|------------------------|-------------------|---------------|----------------------|----------------------|--------|---------------|
| | mm | inch | | | | | Male | Female | Male + Female |
| 04 | 6,3 | 1/4" | 25 | 20 | 0,006 | 95 | 100 | 100 | 100 |
| 06 | 10 | 3/8" | 25 | 45 | 0,008 | 115 | 100 | 100 | 100 |
| 08 | 12,5 | 1/2" | 25 | 100 | 0,01 | 220 | 100 | 100 | 100 |
| 12 | 20 | 3/4" | 25 | 160 | 0,02 | 215 | 100 | 100 | 100 |
| 16 | 25 | 1" | 25 | 210 | 0,03 | 280 | 100 | 100 | 100 |

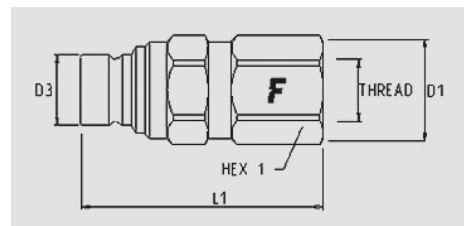
| | |
|---------------------------|----------------------------|
| Material | Stainless Steel |
| Seals | VITON |
| Working temperatures | - 20 °C to + 200 °C |
| Surface treatment | |
| Series Interchange | ISO 16o28 |
| Valve Type | Flat |
| Connection | Push to Connect |
| Disconnection | Sleeve Retraction |
| Connection Under Pressure | Not Allowed |





2FFI stainless steel

| Size | | Thread details | | | FEMALE | | | | | | | |
|------|------|----------------|--------------|------------------|-----------------|-----------------|------|----|------|------|------|--|
| inch | mm | Thread Type | Standard | Thread | Part Number | L (L1 + Thread) | | D1 | | HEX1 | | |
| | | | | | | mm | inch | mm | inch | mm | inch | |
| 1/4" | 6,3 | F BSPP | ISO 1179-1 | BSPP 1/4 FEMALE | 2FFI14 GAS F2V | 58,6 | 2,31 | 27 | 1,06 | 24 | 0,94 | |
| 1/4" | 6,3 | F NPTF | ANSI B1.20.3 | NPTF 1/4 FEMALE | 2FFI14 NPT F 2 | 58,6 | 2,31 | 27 | 1,06 | 24 | 0,94 | |
| 3/8" | 10 | 03/ METRIC | ISO 8434-1-5 | M18x1.5 MALE 10S | 2FFN38-3/18 F2V | 73,8 | 2,91 | 30 | 1,18 | 27 | 1,06 | |
| 3/8" | 10 | F BSPP | ISO 1179-1 | BSPP 1/2 FEMALE | 2FFN38-12GASF2V | 74,9 | 2,95 | 30 | 1,18 | 27 | 1,06 | |
| 3/8" | 10 | F BSPP | ISO 1179-1 | BSPP 3/8 FEMALE | 2FFN38 GAS F 2V | 73,2 | 2,88 | 30 | 1,18 | 27 | 1,06 | |
| 1/2" | 12,5 | F BSPP | ISO 1179-1 | BSPP 1/2 FEMALE | 2FFI12 GAS F 2V | 81,9 | 3,22 | 38 | 1,5 | 32 | 1,26 | |
| 1/2" | 12,5 | F BSPP | ISO 1179-1 | BSPP 3/4 FEMALE | 2FFI12-34GASF2V | 83,7 | 3,3 | 38 | 1,5 | 34 | 1,34 | |
| 1/2" | 12,5 | F NPTF | ANSI B1.20.3 | NPTF 1/2 FEMALE | 2FFI12 NPT F 2V | 82,4 | 3,24 | 38 | 1,5 | 32 | 1,26 | |
| 3/4" | 20 | F BSPP | ISO 1179-1 | BSPP 3/4 FEMALE | 2FFI34 GAS F 2V | 100,3 | 3,95 | 48 | 1,89 | 41 | 1,61 | |
| 3/4" | 20 | F NPTF | ANSI B1.20.3 | NPTF 3/4 FEMALE | 2FFI34 NPT F 2V | 100,3 | 3,95 | 48 | 1,89 | 42 | 1,65 | |
| 1" | 25 | F BSPP | ISO 1179-1 | BSPP 1 FEMALE | 2FFI 1 GAS F 2V | 101 | 3,98 | 55 | 2,17 | 50 | 1,97 | |



| Size | | Thread details | | | MALE | | | | | | | | |
|------|------|----------------|--------------|------------------|-----------------|-----------------|------|----|------|------|------|------|------|
| inch | mm | Thread Type | Standard | Thread | Part Number | L (L1 + Thread) | | D1 | | D3 | | HEX1 | |
| | | | | | | mm | inch | mm | inch | mm | inch | mm | inch |
| 1/4" | 6,3 | F BSPP | ISO 1179-1 | BSPP 1/4 FEMALE | FFI14 GAS M2V | 62,8 | 2,47 | 26 | 1,02 | 16,1 | 0,63 | 24 | 0,94 |
| 3/8" | 10 | 03/ METRIC | ISO 8434-1-5 | M18x1.5 MALE 10S | FFN38-3/18 M2V | 68 | 2,68 | 30 | 1,18 | 19,7 | 0,78 | 27 | 1,06 |
| 3/8" | 10 | F BSPP | ISO 1179-1 | BSPP 1/2 FEMALE | FFN38-12GAS M2V | 71 | 2,8 | 30 | 1,18 | 19,7 | 0,78 | 27 | 1,06 |
| 3/8" | 10 | F BSPP | ISO 1179-1 | BSPP 3/8 FEMALE | FFN38 GAS M 2V | 67 | 2,64 | 30 | 1,18 | 19,7 | 0,78 | 30 | 1,18 |
| 1/2" | 12,5 | F BSPP | ISO 1179-1 | BSPP 1/2 FEMALE | FFI12 GAS M 2V | 83,6 | 3,29 | 35 | 1,38 | 24,5 | 0,96 | 32 | 1,26 |
| 1/2" | 12,5 | F BSPP | ISO 1179-1 | BSPP 3/4 FEMALE | FFI12-34GASM2V | 83,5 | 3,29 | 38 | 1,5 | 24,5 | 0,96 | 34 | 1,34 |
| 1/2" | 12,5 | F NPTF | ANSI B1.20.3 | NPTF 1/2 FEMALE | FFI12 NPT M 2V | 83,6 | 3,29 | 35 | 1,38 | 24,5 | 0,96 | 32 | 1,26 |
| 3/4" | 20 | F BSPP | ISO 1179-1 | BSPP 3/4 FEMALE | FFI34 GAS M 2V | 99,4 | 3,91 | 46 | 1,81 | 29,9 | 1,18 | 42 | 1,65 |
| 3/4" | 20 | F NPTF | ANSI B1.20.3 | NPTF 3/4 FEMALE | FFI34 NPT M 2V | 99,4 | 3,91 | 46 | 1,81 | 29,9 | 1,18 | 42 | 1,65 |
| 1" | 25 | F BSPP | ISO 1179-1 | BSPP 1 FEMALE | FFI 1 GAS M 2V | 107,7 | 4,24 | 55 | 2,17 | 36 | 1,42 | 50 | 1,97 |



2FFI stainless steel accessories

PVC dust caps



Caps suitable for FEMALE



Caps suitable for MALE

| Size | | | Cap Details | | Size | | | Cap Details | |
|------|------|------|-------------|--------|------|------|------|-------------|--------|
| inch | mm | dash | Part number | Colour | inch | mm | dash | Part number | Colour |
| 1/4" | 6,3 | 04 | TM 2FI14 | orange | 1/4" | 6,3 | 04 | TF 2FI14 | orange |
| 1/4" | 6,3 | 04 | TM 2FI14 N | black | 1/4" | 6,3 | 04 | TF 2FI14 N | black |
| 1/2" | 12,5 | 08 | TM 2FI12 | orange | 3/8" | 10 | 06 | TFF 38 | orange |
| 1/2" | 12,5 | 08 | TM 2FI12 N | black | 3/8" | 10 | 06 | TFF 38 B | blue |
| 3/4" | 20 | 12 | TM 2FI34 | orange | 3/8" | 10 | 06 | TFF 38 G | yellow |
| 3/4" | 20 | 12 | TM 2FI34 N | black | 3/8" | 10 | 06 | TFF 38 N | black |
| 3/4" | 20 | 12 | TM 2FI34 R | red | 3/8" | 10 | 06 | TFF 38 R | red |
| 1" | 25 | 16 | TM 2FI1 | orange | 3/8" | 10 | 06 | TFF 38 V | green |
| 1" | 25 | 16 | TM 2FI1 N | black | 1/2" | 12,5 | 08 | TF 2FI12 | orange |
| | | | | | 1/2" | 12,5 | 08 | TF 2FI12 B | blue |
| | | | | | 1/2" | 12,5 | 08 | TF 2FI12 N | black |
| | | | | | 1/2" | 12,5 | 08 | TF 2FI12 R | red |
| | | | | | 3/4" | 20 | 12 | TF 2FI34 | orange |
| | | | | | 3/4" | 20 | 12 | TF 2FI34 N | black |
| | | | | | 3/4" | 20 | 12 | TF 2FI34 R | red |
| | | | | | 1" | 25 | 16 | TF 2FI1 | orange |
| | | | | | 1" | 25 | 16 | TF 2FI1 N | black |

2FFI stainless steel accessories

Aluminium dust caps



Caps suitable for FEMALE



Caps suitable for MALE

| Size | | | Cap Details | | Size | | | Cap Details | |
|------|------|------|-------------|--------|------|------|------|-------------|--------|
| inch | mm | dash | Part number | Colour | inch | mm | dash | Part number | Colour |
| 1/4" | 6,3 | 04 | TM 2FI14 S | | 1/4" | 6,3 | 04 | TF 2FI14 S | |
| 3/8" | 10 | 06 | TM 2FN38 S | | 3/8" | 10 | 06 | TF 2FN38 S | |
| 1/2" | 12,5 | 08 | TM 2FI12 S | | 1/2" | 12,5 | 08 | TF 2FI12 S | |
| 3/4" | 20 | 12 | TM 2FI34 S | | 3/4" | 20 | 12 | TF 2FI34 S | |
| 1" | 25 | 16 | TM 2FI1 S | | 1" | 25 | 16 | TF 2FI1 S | |