

# FSH

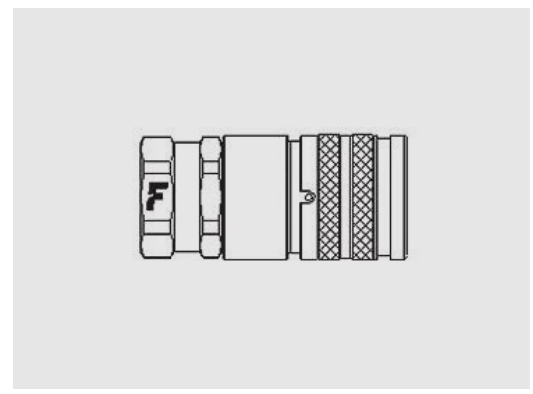


## Flat face couplings, ISO 16o28 interchange, 35 MPa series, sectors latching.

Flat face couplings with real maximum working pressure of 35 MPa and Zinc-Nickel plating. The sector latching system Faster patent enables to effectively tackle the Brinelling effect, provoked by high frequency impulse pressures. ISO 16o28 interchange.



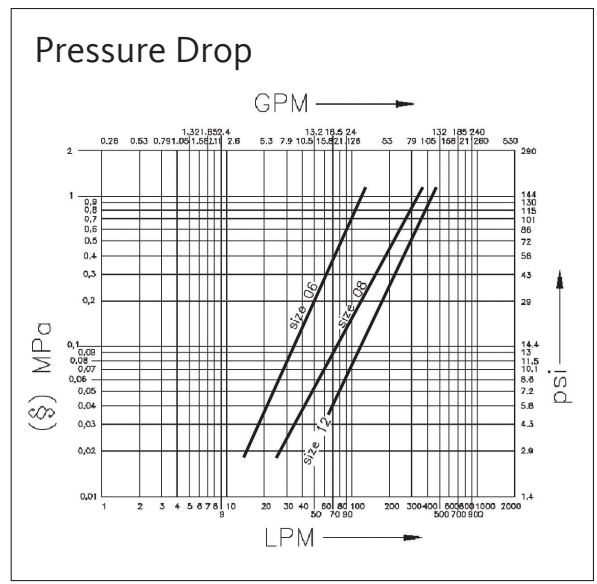
### Applications

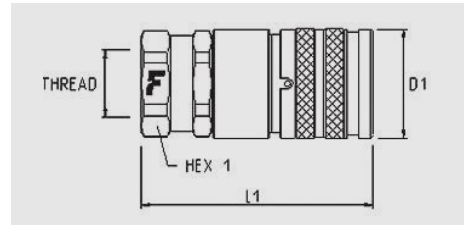


## Technical Specifications

| dash | Size |      | Working Pressure (MPa) | Flow Rate (l/min) | Spillage (ml) | Force to Connect (N) | Burst pressure (MPa) |        |               |
|------|------|------|------------------------|-------------------|---------------|----------------------|----------------------|--------|---------------|
|      | mm   | inch |                        |                   |               |                      | Male                 | Female | Male + Female |
| 06   | 10   | 3/8" | 35                     | 50                | 0,008         | 150                  | 140                  | 140    | 170           |
| 08   | 12,5 | 1/2" | 35                     | 110               | 0,01          | 210                  | 140                  | 140    | 170           |
| 12   | 20   | 3/4" | 35                     | 160               | 0,02          | 215                  | 140                  | 140    | 140           |
| 16   | 25   | 1"   | 35                     | 230               | 0,03          | 280                  | 140                  | 140    | 170           |

|                           |                            |
|---------------------------|----------------------------|
| Material                  | <b>Steel</b>               |
| Seals                     | <b>NBR; PUR</b>            |
| Working temperatures      | <b>- 25 °C to + 100 °C</b> |
| Surface treatment         | <b>MATE 1000 (ZnNi)</b>    |
| Series Interchange        | <b>ISO 16o28</b>           |
| Valve Type                | <b>Flat</b>                |
| Connection                | <b>Push to Connect</b>     |
| Disconnection             | <b>Sleeve Retraction</b>   |
| Connection Under Pressure | <b>Not Allowed</b>         |





**FSH**

| Size |      | Thread details |              |                          | FEMALE         |                 |      |    |      |      |      |
|------|------|----------------|--------------|--------------------------|----------------|-----------------|------|----|------|------|------|
| inch | mm   | Thread Type    | Standard     | Thread                   | Part Number    | L (L1 + Thread) |      | D1 |      | HEX1 |      |
|      |      |                |              |                          |                | mm              | inch | mm | inch | mm   | inch |
| 3/8" | 10   | 02/ METRIC     | ISO 8434-1-L | M18x1,5 MALE 12L         | FSH06-2/1815 F | 81              | 3,19 | 30 | 1,18 | 27   | 1,06 |
| 3/8" | 10   | F BSPP         | ISO 1179-1   | BSPP 3/8 FEMALE          | FSH06 38GAS F  | 75              | 2,95 | 30 | 1,18 | 27   | 1,06 |
| 1/2" | 12,5 | 0/ SAE         | ISO 11926-1  | 1-1/16"-12 UN FEMALE ORB | FSH08 34SAE F  | 86,8            | 3,42 | 38 | 1,5  | 34   | 1,34 |
| 1/2" | 12,5 | F BSPP         | ISO 1179-1   | BSPP 1/2 FEMALE          | FSH08 12GAS F  | 81,3            | 3,2  | 38 | 1,5  | 34   | 1,34 |
| 3/4" | 20   | F BSPP         | ISO 1179-1   | BSPP 3/4 FEMALE          | FSH12 34GAS F  | 100             | 3,94 | 48 | 1,89 | 42   | 1,65 |
| 1"   | 25   | 0/ SAE         | ISO 11926-1  | 1-5/16"-12 UN FEMALE ORB | FSH16 1SAE F   | 100,5           | 3,96 | 55 | 2,17 | 50   | 1,97 |
| 1"   | 25   | F BSPP         | ISO 1179-1   | BSPP 1 FEMALE            | FSH16 1GAS F   | 100,5           | 3,96 | 55 | 2,17 | 50   | 1,97 |

**Accessories**

**PVC dust caps**



**Caps suitable for FEMALE**



**Caps suitable for FEMALE**

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

**Aluminium dust caps**



**Caps suitable for FEMALE**

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

**Acetal Resin (POM) dust caps**



**Caps suitable for FEMALE**

| Size |    | Cap Details |             |        |
|------|----|-------------|-------------|--------|
| inch | mm | dash        | Part number | Colour |
| 3/8" | 10 | 06          | TAF 38      | blue   |
| 3/8" | 10 | 06          | TAF 38 G    | yellow |
| 3/8" | 10 | 06          | TAF 38 M UV | brown  |
| 3/8" | 10 | 06          | TAF 38 N    | black  |
| 3/8" | 10 | 06          | TAF 38 R    | red    |
| 3/8" | 10 | 06          | TAF 38 R UV | red    |
| 3/8" | 10 | 06          | TAF 38 UV   | blue   |
| 3/8" | 10 | 06          | TAF 38 V    | green  |
| 3/8" | 10 | 06          | TAF 38 V UV | green  |

