

OGF

Flat Face Push-to-Connect couplings. Equipped with locking ball to prevent accidental disconnection.

OGF couplings are designed for a wide range of applications. The Flat Face design guarantees zero spillage and prevents external contamination. Push-to-Connect technology to make connection maneuver easier. Equipped with locking ball to prevent accidental disconnection.

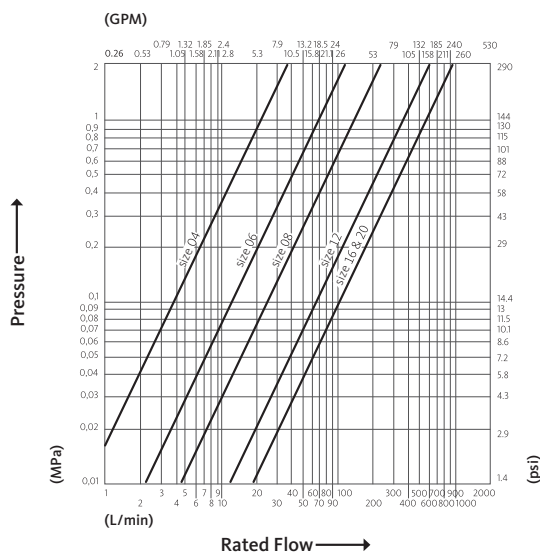
Available in 5 different sizes. Interchangeable with Snap-tite 71 series. Thread: NPT (others options available upon request).



Applications



Pressure Drop



Test performed according to ISO 18869

Technical Specifications

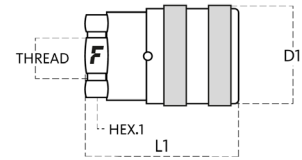
| dash | Size mm | inch | Working Pressure* (MPa) | Flow Rate (l/min) | Spillage (ml) | Force to Connect (N) | Burst pressure (MPa) | | |
|------|------------|------|----------------------------|----------------------|------------------|-------------------------|----------------------|--------|---------------|
| | | | | | | | Male | Female | Male + Female |
| 04 | 6.3 | 1/4" | 70 | 15 | 0,01 | 170 | 143 | 170 | |
| 06 | 10 | 3/8" | 70 | 33 | 0,02 | 150 | 175 | 160 | |
| 08 | 12.5 | 1/2" | 70 | 54 | 0,03 | 140 | 155 | 210 | |
| 12 | 20 | 3/4" | 70 | 130 | 0,06 | 160 | 130 | 170 | |
| 16 | 25 | 1" | 70 | 215 | 0,1 | 130 | 115 | 145 | |

*Pressure ratings were established under static pressure conditions. For high impulse applications, please contact your Faster sales team.

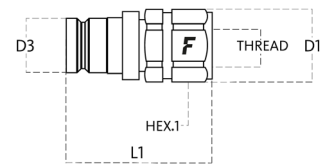
| | |
|----------------------|---------------------------|
| Material | Steel |
| Seals | NBR |
| Working temperatures | - 25 ° C + 100 ° C |
| Surface treatment | MATE 500 (CRIII) |
| Series Interchange | MARKET |

| | |
|---------------------------|--------------------------|
| Valve Type | Flat |
| Connection | Push to Connect |
| Disconnection | Sleeve Retraction |
| Connection Under Pressure | Not Allowed |

OGF



| Size | | Thread details | | | FEMALE | | | | | | | |
|------|------|----------------|--------------|------------------|---------------|-----------------|------|----|------|------|------|--|
| mm | inch | Thread Type | Standard | Thread | Part Number | L (L1 + Thread) | | D1 | | HEX1 | | |
| | | | | | | mm | inch | mm | inch | mm | inch | |
| 6.3 | 1/4" | F NPTF | ANSI B1.20.3 | NPTF 1/4" FEMALE | OGF04 14NPT F | 51.7 | 2.04 | 30 | 1.18 | 24 | 0.94 | |
| 10 | 3/8" | F NPTF | ANSI B1.20.3 | NPTF 3/8" FEMALE | OGF06 38NPT F | 61.7 | 2.43 | 40 | 1.58 | 30 | 1.18 | |
| 12.5 | 1/2" | F NPTF | ANSI B1.20.3 | NPTF 3/8" FEMALE | OGF08 12NPT F | 71 | 2.80 | 48 | 1.89 | 38 | 1.50 | |
| 20 | 3/4" | F NPTF | ANSI B1.20.3 | NPTF 3/4" FEMALE | OGF12 34NPT F | 79 | 3.11 | 58 | 2.28 | 46 | 1.81 | |
| 25 | 1" | F NPTF | ANSI B1.20.3 | NPTF 1" FEMALE | OGF16 1NPT F | 87.8 | 3.46 | 68 | 2.68 | 50 | 1.97 | |



| Size | | Thread details | | | MALE | | | | | | | | | |
|------|------|----------------|--------------|------------------|---------------|-----------------|------|------|------|-------|------|------|------|--|
| mm | inch | Thread Type | Standard | Thread | Part Number | L (L1 + Thread) | | D1 | | D3 | | HEX1 | | |
| | | | | | | mm | inch | mm | inch | mm | inch | mm | inch | |
| 6.3 | 1/4" | F NPTF | ANSI B1.20.3 | NPTF 1/4" FEMALE | OGF04 14NPT M | 54 | 2.13 | 24 | 0.95 | 18 | 0.71 | 22 | 0.87 | |
| 10 | 3/8" | F NPTF | ANSI B1.20.3 | NPTF 3/8" FEMALE | OGF06 38NPT M | 64 | 2.52 | 31.9 | 1.26 | 23.7 | 0.93 | 30 | 1.18 | |
| 12.5 | 1/2" | F NPTF | ANSI B1.20.3 | NPTF 3/8" FEMALE | OGF08 12NPT M | 74 | 2.91 | 39 | 1.54 | 30 | 1.18 | 36 | 1.42 | |
| 20 | 3/4" | F NPTF | ANSI B1.20.3 | NPTF 3/4" FEMALE | OGF12 34NPT M | 87 | 3.43 | 45 | 1.77 | 38.6 | 1.52 | 41 | 1.61 | |
| 25 | 1" | F NPTF | ANSI B1.20.3 | NPTF 1" FEMALE | OGF16 1NPT F | 91.5 | 3.60 | 55 | 2.17 | 44.95 | 1.77 | 50 | 1.97 | |

