

LF 3600 Push-In Fittings

In order to meet your **technical and environment requirements**, Parker Legris designed this range of metal fittings, offering **robustness, reliability** and **resistance to industrial fluids** for the most demanding environments.

Product Advantages

- High Performance**
 - Resistant up to +150°C at 30 bar
 - Excellent mechanical performance
 - Long threads to resist shock and vibration
 - Excellent abrasion and corrosion resistance due to high phosphorus chemical nickel plating
 - Full flow, minimal pressure drop
- Versatility**
 - Materials conform to FDA standards
 - Spring collet gripping system suitable for both metal (grooved) and polymer tubing
 - Excellent resistance to high pressure and vacuum
 - Excellent chemical compatibility
 - More than 250 part numbers
 - One fitting for numerous applications: stock optimisation
 - Manual connection and disconnection
 - Compact and ergonomic
- Reliability**
 - High performance brass for increased lifespan
 - 100% leak-tested in production
 - Date coding to guarantee quality and traceability



Food Process
Coffee Machines
In-Plant Automotive
Medical Equipment
Printing
Misting
Welding Robots

Applications

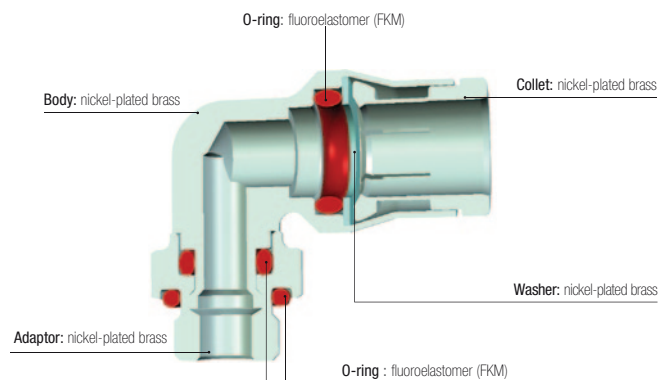
Technical Characteristics

| | |
|----------------------------|---|
| Suitable Fluids | Compressed air, grease, lubricant, water... |
| Working Pressure | Vacuum to 30 bar (20 bar: 3699, 3609) |
| Working Temperature | -20°C to +150°C |

| Maximum Tightening Torque (daN.m) | Thread | | | | | | | |
|-----------------------------------|---------|-------|-------|--------|------|------|------|------|
| | M5 x0.8 | M6 x1 | M8 x1 | M10 x1 | G1/8 | G1/4 | G3/8 | G1/2 |
| | 0.16 | 0.18 | 0.6 | 0.8 | 0.8 | 1.2 | 3 | 3.5 |

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.
Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Component Materials



Silicone-free


Regulations

Industrial
ISO 14743: pneumatic transmissions, push-in fittings for thermoplastic tubing
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
RG: 1907/2006 (REACH)
DI: 94/9/EC (ATEX)
UL94 V-0: please consult us


Food
RG: 21CFR (FDA)
RG: 1935/2004/EC (minimum flow 0.02 l/h)
USDA NSF H1: grease
ASTM B733-04: autocatalytic (electroless) nickel-phosphorus coatings

Stud Fittings


3675 Stud Fitting, Male BSPT Thread

| ØD | C |  | | | | kg |
|----|------|---|----|----|------|-------|
| | | | F1 | F2 | H | |
| 4 | R1/8 | 3675 04 10 | 10 | 3 | 15 | 0.009 |
| | R1/4 | 3675 04 13 | 14 | 3 | 15 | 0.017 |
| 6 | R1/8 | 3675 06 10 | 13 | 4 | 17 | 0.011 |
| | R1/4 | 3675 06 13 | 14 | 4 | 17 | 0.018 |
| 8 | R1/8 | 3675 08 10 | 15 | 5 | 19 | 0.015 |
| | R1/4 | 3675 08 13 | 16 | 6 | 18 | 0.019 |
| 10 | R3/8 | 3675 08 17 | 17 | 6 | 18.5 | 0.027 |
| | R1/4 | 3675 10 13 | 18 | 7 | 23 | 0.026 |
| | R3/8 | 3675 10 17 | 18 | 8 | 22.5 | 0.031 |
| 12 | R1/2 | 3675 10 21 | 22 | 8 | 22.5 | 0.056 |
| | R1/4 | 3675 12 13 | 20 | 7 | 25.5 | 0.033 |
| 14 | R3/8 | 3675 12 17 | 20 | 9 | 24 | 0.035 |
| | R1/2 | 3675 12 21 | 22 | 10 | 23 | 0.051 |
| 14 | R3/8 | 3675 14 17 | 22 | 9 | 27 | 0.042 |
| | R1/2 | 3675 14 21 | 24 | 11 | 26 | 0.057 |

3601 Stud Fitting, Male BSPP and Metric Thread

| ØD | C |  | | | | kg | |
|----|--------|---|-----|----|-----|------|-------|
| | | | E | F1 | F2 | | H |
| 4 | M5x0.8 | 3601 04 19 | 3.5 | 10 | 2.5 | 15.5 | 0.006 |
| | M6x1 | 3601 04 52 | 4.5 | 10 | 3 | 16 | 0.006 |
| | M8x1 | 3601 04 56 | 5 | 11 | 3 | 14.5 | 0.007 |
| | G1/8 | 3601 04 10 | 5.5 | 13 | 3 | 14.5 | 0.009 |
| | G1/4 | 3601 04 13 | 6.5 | 16 | 3 | 14.5 | 0.015 |
| 6 | M5x0.8 | 3601 06 19 | 3.5 | 13 | 2.5 | 19 | 0.010 |
| | M10x1 | 3601 06 60 | 5.5 | 13 | 4 | 17.5 | 0.011 |
| | G1/8 | 3601 06 10 | 5.5 | 13 | 4 | 17.5 | 0.011 |
| 8 | G1/4 | 3601 06 13 | 6.5 | 16 | 4 | 17 | 0.015 |
| | G1/8 | 3601 08 10 | 5.5 | 16 | 5 | 20 | 0.014 |
| | G1/4 | 3601 08 13 | 6.5 | 16 | 6 | 18 | 0.016 |
| 10 | G3/8 | 3601 08 17 | 7.5 | 20 | 6 | 19 | 0.028 |
| | G1/4 | 3601 10 13 | 6.5 | 18 | 7 | 25 | 0.025 |
| | G3/8 | 3601 10 17 | 7.5 | 20 | 8 | 22.5 | 0.028 |
| 12 | G1/2 | 3601 10 21 | 9 | 24 | 8 | 22.5 | 0.043 |
| | G1/4 | 3601 12 13 | 6.5 | 20 | 7 | 26.5 | 0.030 |
| | G3/8 | 3601 12 17 | 7.5 | 20 | 9 | 26 | 0.034 |
| 14 | G1/2 | 3601 12 21 | 9 | 24 | 10 | 23.5 | 0.042 |
| | G3/8 | 3601 14 17 | 7.5 | 22 | 9 | 28 | 0.038 |
| 14 | G1/2 | 3601 14 21 | 9 | 24 | 11 | 26.5 | 0.045 |

3681 Stud Fitting with Internal Hexagon, Male Metric Thread

| ØD | C |  | E | F | G | H | kg |
|----|--------|---|-----|-----|----|----|-------|
| 4 | M5x0.8 | 3681 04 19 | 3.5 | 2.5 | 10 | 16 | 0.005 |

Related Products

- Polyurethane Tubing
- Polyamide Tubing
- Polyethylene Tubing
- Fluoropolymer Tubing
- Anti-Spark Tubing
- Fireproof PA Tubing
- Brass Flow Control Regulators