

# 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

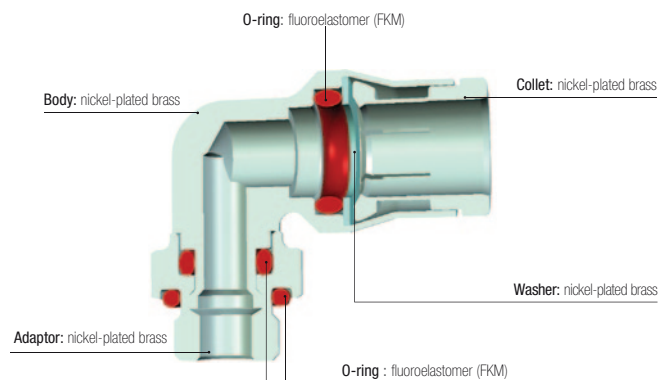
## Technical Characteristics

<b>Suitable Fluids</b>	Compressed air, grease, lubricant, water...
<b>Working Pressure</b>	Vacuum to 30 bar (20 bar: 3699, 3609)
<b>Working Temperature</b>	-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	<a href="#">3675 04 10</a>	10	3	15	0.009
	R1/4	<a href="#">3675 04 13</a>	14	3	15	0.017
6	R1/8	<a href="#">3675 06 10</a>	13	4	17	0.011
	R1/4	<a href="#">3675 06 13</a>	14	4	17	0.018
8	R1/8	<a href="#">3675 08 10</a>	15	5	19	0.015
	R1/4	<a href="#">3675 08 13</a>	16	6	18	0.019
10	R3/8	<a href="#">3675 08 17</a>	17	6	18.5	0.027
	R1/4	<a href="#">3675 10 13</a>	18	7	23	0.026
	R3/8	<a href="#">3675 10 17</a>	18	8	22.5	0.031
12	R1/2	<a href="#">3675 10 21</a>	22	8	22.5	0.056
	R1/4	<a href="#">3675 12 13</a>	20	7	25.5	0.033
14	R3/8	<a href="#">3675 12 17</a>	20	9	24	0.035
	R1/2	<a href="#">3675 12 21</a>	22	10	23	0.051
14	R3/8	<a href="#">3675 14 17</a>	22	9	27	0.042
	R1/2	<a href="#">3675 14 21</a>	24	11	26	0.057

## 3601 Stud Fitting, Male BSPP and Metric Thread

ØD	C					kg	
			E	F1	F2		H
4	M5x0.8	<a href="#">3601 04 19</a>	3.5	10	2.5	15.5	0.006
	M6x1	<a href="#">3601 04 52</a>	4.5	10	3	16	0.006
	M8x1	<a href="#">3601 04 56</a>	5	11	3	14.5	0.007
	G1/8	<a href="#">3601 04 10</a>	5.5	13	3	14.5	0.009
	G1/4	<a href="#">3601 04 13</a>	6.5	16	3	14.5	0.015
6	M5x0.8	<a href="#">3601 06 19</a>	3.5	13	2.5	19	0.010
	M10x1	<a href="#">3601 06 60</a>	5.5	13	4	17.5	0.011
	G1/8	<a href="#">3601 06 10</a>	5.5	13	4	17.5	0.011
8	G1/4	<a href="#">3601 06 13</a>	6.5	16	4	17	0.015
	G1/8	<a href="#">3601 08 10</a>	5.5	16	5	20	0.014
	G1/4	<a href="#">3601 08 13</a>	6.5	16	6	18	0.016
10	G3/8	<a href="#">3601 08 17</a>	7.5	20	6	19	0.028
	G1/4	<a href="#">3601 10 13</a>	6.5	18	7	25	0.025
	G3/8	<a href="#">3601 10 17</a>	7.5	20	8	22.5	0.028
12	G1/2	<a href="#">3601 10 21</a>	9	24	8	22.5	0.043
	G1/4	<a href="#">3601 12 13</a>	6.5	20	7	26.5	0.030
	G3/8	<a href="#">3601 12 17</a>	7.5	20	9	26	0.034
14	G1/2	<a href="#">3601 12 21</a>	9	24	10	23.5	0.042
	G3/8	<a href="#">3601 14 17</a>	7.5	22	9	28	0.038
14	G1/2	<a href="#">3601 14 21</a>	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	<a href="#">3681 04 19</a>	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