

# 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

<b>High Performance</b>	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
<b>Versatility</b>	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
<b>Reliability</b>	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

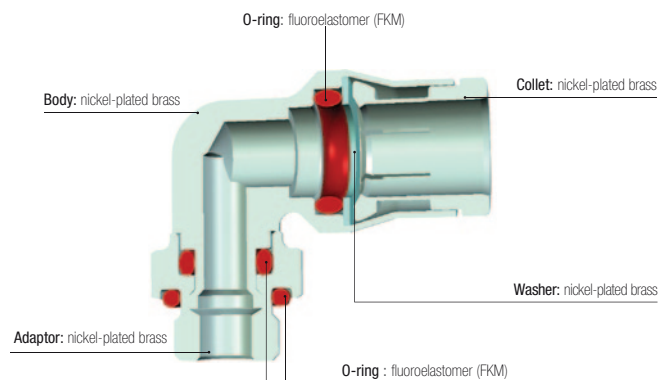
## Technical Characteristics

<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


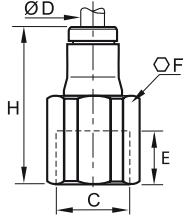

### Regulations

**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


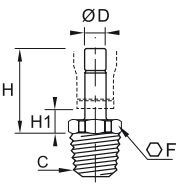

**Food**  
RG: 21CFR (FDA)  
RG: 1935/2004/EC (minimum flow 0.02 l/h)  
USDA NSF H1: grease  
ASTM B733-04: autocatalytic (electroless) nickel-phosphorus coatings

# Stud Fittings


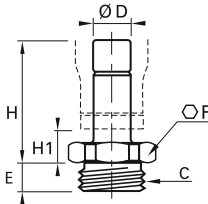

## 3614 Stud Fitting, Female BSPP and Metric Thread

	 <p>FDA chemical nickel-plated brass, FKM</p>	<b>ØD</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>H</b>	<b>kg</b>
		4	M5x0.8	<a href="#">3614 04 19</a>	5	10	22	0.009
		4	G1/8	<a href="#">3614 04 10</a>	7.5	14	25	0.016
			G1/4	<a href="#">3614 04 13</a>	11	17	29	0.026
		6	G1/8	<a href="#">3614 06 10</a>	7.5	14	27.5	0.019
			G1/4	<a href="#">3614 06 13</a>	11	17	31.5	0.028
		8	G1/8	<a href="#">3614 08 10</a>	9.5	15	28.5	0.022
			G1/4	<a href="#">3614 08 13</a>	13.5	17	32.5	0.028
		10	G3/8	<a href="#">3614 10 17</a>	14	22	38	0.052
			G3/8	<a href="#">3614 12 17</a>	14	22	39	0.055
		12	G1/2	<a href="#">3614 12 21</a>	18.5	24	43.5	0.062


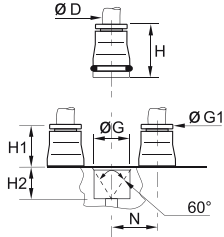

## 3621 Stud Standpipe, Male BSPT Thread

	 <p>FDA chemical nickel-plated brass</p>	<b>ØD</b>	<b>C</b>		<b>F</b>	<b>H</b>	<b>H1</b>	<b>kg</b>
		4	R1/8	<a href="#">3621 04 10</a>	10	21	7	0.006
		4	R1/4	<a href="#">3621 04 13</a>	14	21	7	0.014
			R1/8	<a href="#">3621 06 10</a>	10	23.5	6.5	0.008
		6	R1/4	<a href="#">3621 06 13</a>	14	23.5	6.5	0.016
			R1/8	<a href="#">3621 08 10</a>	10	24	6.5	0.009
		8	R1/4	<a href="#">3621 08 13</a>	14	24	6.5	0.017
			R1/4	<a href="#">3621 10 13</a>	14	22	6.5	0.018
		10	R3/8	<a href="#">3621 10 17</a>	17	30	7.5	0.022
			R3/8	<a href="#">3621 12 17</a>	17	31	7.5	0.023
		12	R1/2	<a href="#">3621 12 21</a>	22	31	7.5	0.041
		14	R1/2	<a href="#">3621 14 21</a>	22	33	8	0.042

## 3631 Stud Standpipe, Male BSPP and Metric Thread

	 <p>FDA chemical nickel-plated brass, FKM</p>	<b>ØD</b>	<b>C</b>		<b>E</b>	<b>F</b>	<b>H</b>	<b>H1</b>	<b>kg</b>
		4	M5x0.8	<a href="#">3631 04 19</a>	3.5	13	21.5	7	0.003
		4	G1/8	<a href="#">3631 04 10</a>	5.5	13	20	7	0.007
			G1/4	<a href="#">3631 04 13</a>	6.5	8	20	7.5	0.011
		6	G1/8	<a href="#">3631 06 10</a>	5.5	13	22.5	6.5	0.009
			G1/4	<a href="#">3631 06 13</a>	6.5	16	22.5	6.5	0.012
		8	G1/8	<a href="#">3631 08 10</a>	5.5	13	22.5	6.5	0.010
			G1/4	<a href="#">3631 08 13</a>	6.5	16	23	6.5	0.013
		10	G3/8	<a href="#">3631 08 17</a>	7.5	20	23	7.5	0.018
			G1/4	<a href="#">3631 10 13</a>	6.5	16	28	6.5	0.015
		10	G3/8	<a href="#">3631 10 17</a>	7.5	20	28	7.5	0.022
			G1/2	<a href="#">3631 10 21</a>	9	24	28	7.5	0.028
		12	G3/8	<a href="#">3631 12 17</a>	7.5	20	29	7.5	0.023
			G1/2	<a href="#">3631 12 21</a>	9	24	29	7.5	0.033
		14	G1/2	<a href="#">3631 14 21</a>	9	24	31	8	0.033

## 3600 Cartridge

	 <p>FDA chemical nickel-plated brass, FKM</p>	<b>ØD</b>		<b>G</b>	<b>G1</b>	<b>H</b>	<b>H1</b>	<b>H2</b>	<b>N</b>	<b>kg</b>
		4	<a href="#">3600 04 00</a>	9.8	8	17	8.5	8.5	11	0.006
		6	<a href="#">3600 06 00</a>	12.1	10	19	10.5	8.5	13.5	0.009
		8	<a href="#">3600 08 00</a>	14.8	13	21	12.5	8.5	16	0.012
		10	<a href="#">3600 10 00</a>	17.5	15	24.5	14	10.5	20	0.019
		12	<a href="#">3600 12 00</a>	20	17	25	14.5	10.5	22.5	0.023
		14	<a href="#">3600 14 00</a>	22	20	28.5	16.5	12	25	0.031

Cavity dimensions available in Chapter 2