

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

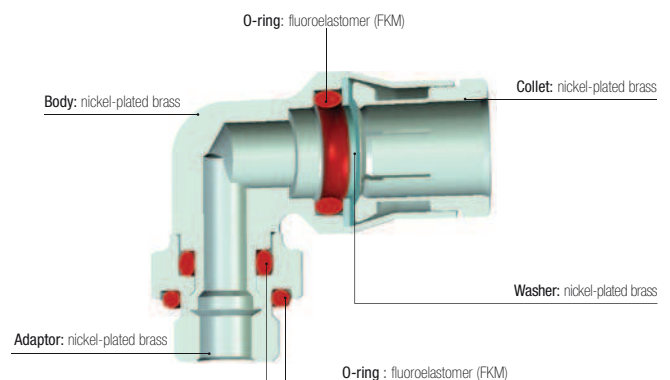
Technical Characteristics

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


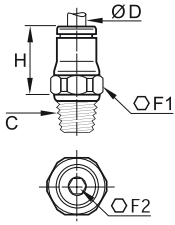


Regulations

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


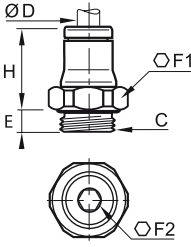


Food
RG: 21CFR (FDA)
RG: 1935/2004/EC (minimum flow 0.02 l/h)
USDA NSF H1: grease
ASTM B733-04: autocatalytic (electroless) nickel-phosphorus coatings

Stud Fittings


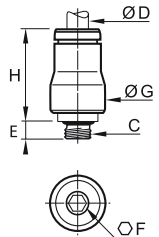


3675 Stud Fitting, Male BSPT Thread

	<p>FDA chemical nickel-plated brass, FKM</p> 	ØD	C		F1	F2	H	kg
		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
			R1/8	3675 08 10	15	5	19	0.015
			R1/4	3675 08 13	16	6	18	0.019
			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
			R1/2	3675 10 21	22	8	22.5	0.056
			R1/4	3675 12 13	20	7	25.5	0.033
			R3/8	3675 12 17	20	9	24	0.035
			R1/2	3675 12 21	22	10	23	0.051
			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

	<p>FDA chemical nickel-plated brass, FKM</p> 	ØD	C		E	F1	F2	H	kg
			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
		4	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
			M5x0.8	3601 06 19	3.5	13	2.5	19	0.010
		6	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
			G1/4	3601 06 13	6.5	16	4	17	0.015
			G1/8	3601 08 10	5.5	16	5	20	0.014
		8	G1/4	3601 08 13	6.5	16	6	18	0.016
			G3/8	3601 08 17	7.5	20	6	19	0.028
			G1/4	3601 10 13	6.5	18	7	25	0.025
		10	G3/8	3601 10 17	7.5	20	8	22.5	0.028
			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
		12	G3/8	3601 12 17	7.5	20	9	26	0.034
			G1/2	3601 12 21	9	24	10	23.5	0.042
		14	G3/8	3601 14 17	7.5	22	9	28	0.038
			G1/2	3601 14 21	9	24	11	26.5	0.045

3681 Stud Fitting with Internal Hexagon, Male Metric Thread


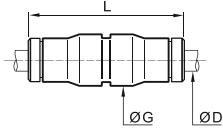

	<p>FDA chemical nickel-plated brass, FKM</p> 	ØD	C		E	F	G	H	kg
		4	M5x0.8	3681 04 19	3.5	2.5	10	16	0.005

Related Products


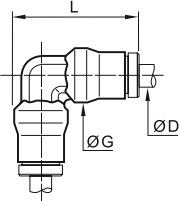

- Polyurethane Tubing
- Polyamide Tubing
- Polyethylene Tubing
- Fluoropolymer Tubing
- Anti-Spark Tubing
- Fireproof PA Tubing
- Brass Flow Control Regulators

Tube-to-Tube Fittings


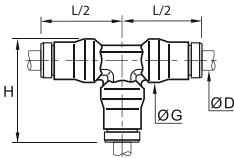

3606 Equal Tube-to-Tube Connector

			FDA chemical nickel-plated brass, FKM			
			ØD	G	L	kg
		4	3606 04 00	10	30.5	0.010
		6	3606 06 00	12	36.5	0.016
		8	3606 08 00	15	37.5	0.021
		10	3606 10 00	17.5	47.5	0.034
		12	3606 12 00	19.5	50	0.042
		14	3606 14 00	21.5	52.5	0.050

3602 Equal Elbow

			FDA chemical nickel-plated brass, FKM			
			ØD	G	L	kg
		4	3602 04 00	10	23	0.010
		6	3602 06 00	12	28	0.016
		8	3602 08 00	15	31	0.023
		10	3602 10 00	17.5	37.5	0.033
		12	3602 12 00	19.5	40.5	0.045
		14	3602 14 00	21.5	45	0.056

3604 Equal Tee

			FDA chemical nickel-plated brass, FKM				
			ØD	G	H	L/2	kg
		4	3604 04 00	10	23	18	0.014
		6	3604 06 00	12	28	21.5	0.023
		8	3604 08 00	15	31	23.5	0.032
		10	3604 10 00	17.5	37.5	29	0.048
		12	3604 12 00	19.5	40.5	31	0.063
		14	3604 14 00	21.5	45	34	0.078