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

Applications

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

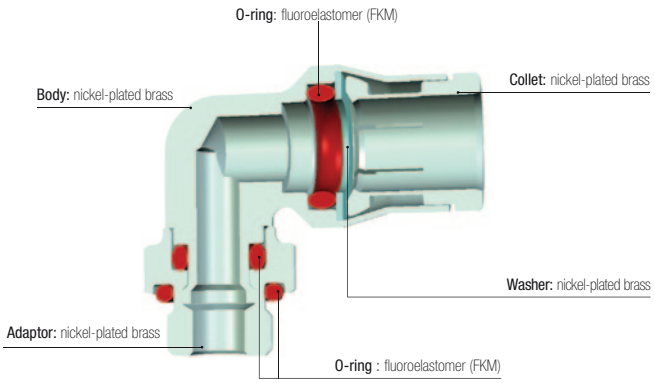
Technical Characteristics

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

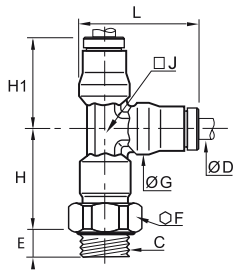
Industrial
ISO 14743: pneumatic transmissions, push-in fittings for thermoplastic tubing
DI: 97/23/EC (PED)
DI : 2002/95/EC (RoHS), 2011/65/EC
RG: 1907/2006 (REACH)
DI: 94/9/EC (ATEX)
UL94 V-0: please consult us

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

3693 Stud Run Tee, Male BSPP and Metric Thread

FDA chemical nickel-plated brass, FKM

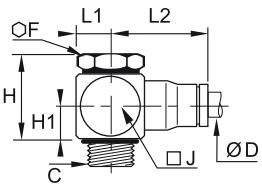


ØD	C		E	F	G	H	H1	J	L	kg
4	M5x0.8	3693 04 19	3.5	10	10	22.5	18	7	23	0.019
	G1/8	3693 04 10	5.5	13	10	20.5	18	7	23	0.021
6	G1/8	3693 06 10	5.5	13	12	25	21.5	8	28	0.031
	G1/4	3693 06 13	6.5	16	12	24.5	21.5	8	28	0.035
8	G1/8	3693 08 10	5.5	14	15	26.5	23.5	10	31	0.041
	G1/4	3693 08 13	6.5	16	15	26.5	23.5	10	31	0.044
10	G1/4	3693 10 13	6.5	18	17.5	33	29	12	37.5	0.066
12	G3/8	3693 12 17	7.5	20	19.5	36.5	31	15	40.5	0.090
14	G1/2	3693 14 21	9	24	21.5	38.5	34	16	45	0.112

The body swivels for positioning purposes.

3618 Single Banjo, Male BSPP and Metric Thread

FDA chemical nickel-plated brass, FKM



ØD	C		F	H	H1	J	L1	L2	kg
4	M5x0.8	3618 04 19	8	14.5	6.5	10	6	18.5	0.011
	G1/8	3618 04 10	14	23	9.5	17	10	20.5	0.029
6	M5x0.8	3618 06 19	8	15	7	10	6	22.5	0.015
	G1/8	3618 06 10	14	23	9.5	17	10	23.5	0.031
	G1/4	3618 06 13	17	22	9	22	13	25.5	0.049
8	G1/8	3618 08 10	14	23	9.5	17	10	26	0.033
	G1/4	3618 08 13	17	22	9	22	13	27.5	0.051
10	G3/8	3618 10 17	22	33	14	22	13	32	0.105

Maximum temperature: +80°C

Each model has been designed to meet specific requirements: compactness due to small overall dimensions, with inter-connectability for customised configurations.