

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

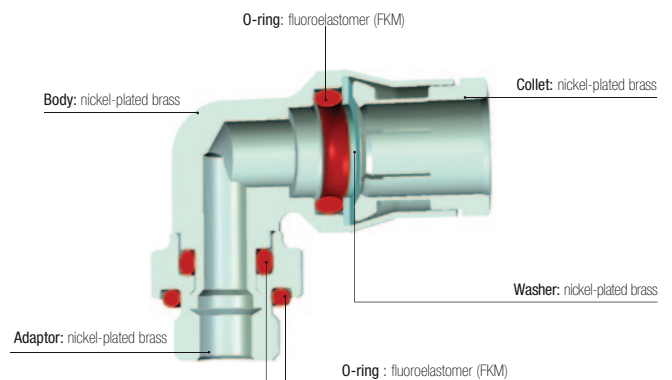
Technical Characteristics

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


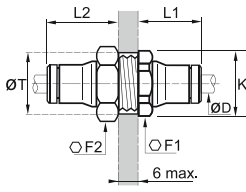
Regulations

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


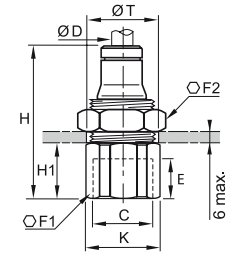
Food
RG: 21CFR (FDA)
RG: 1935/2004/EC (minimum flow 0.02 l/h)
USDA NSF H1: grease
ASTM B733-04: autocatalytic (electroless) nickel-phosphorus coatings

Bulkhead Connector Fittings


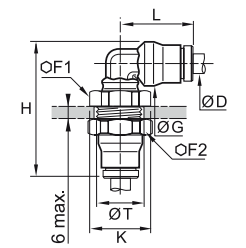
3616 Equal Bulkhead Connector

	<p>FDA chemical nickel-plated brass, FKM</p> 	ØD		F1	F2	K	L1	L2	ØT min	kg
		4	3616 04 00	13	14	14	14	20	12.5	0.018
		6	3616 06 00	16	17	17.5	17	22	15	0.028
		8	3616 08 00	18	19	19.5	18.5	23.5	17	0.035
		10	3616 10 00	22	27	24	21.5	26.5	21	0.063
		12	3616 12 00	24	24	26	23	27	23	0.062
		14	3616 14 00	27	27	29.5	25.5	29.5	25	0.079

3636 Bulkhead Connector, Female BSPP Thread

	<p>FDA chemical nickel-plated brass, FKM</p> 	ØD	C		E	F1	F2	H	H1	K	ØT min	kg
		4	G1/8	3636 04 10	8.5	14	14	30.5	11	15	13	0.020
		6	G1/8	3636 06 10	8.5	17	17	33	11	18.5	15	0.033
			G1/4	3636 06 13	11.5	17	17	37	15	18.5	15	0.033
		8	G1/8	3636 08 10	8.5	19	19	34	10.5	21	17	0.044
			G1/4	3636 08 13	11.5	19	19	38	14.5	21	17	0.044
		10	G3/8	3636 10 17	12	22	27	42.5	16	24	21	0.073
G3/8	3636 12 17		12	24	24	43	16	26	23	0.077		
12	G1/2	3636 12 21	16	27	24	48.5	21.5	29.5	23	0.133		

3639 Equal Bulkhead Elbow

	<p>FDA chemical nickel-plated brass, FKM</p> 	ØD		F1	F2	G	H	K	L	ØT min	kg
		4	3639 04 00	13	14	10	35	14	18	12.5	0.023
		6	3639 06 00	16	17	12	40.5	17.5	21.5	15	0.035
		8	3639 08 00	18	19	15	44	19.5	23.5	17	0.046
		10	3639 10 00	22	27	17.5	51	24	29	21	0.080
			3639 12 00	24	24	19.5	55	26	31	23	0.086
		14	3639 14 00	27	27	21.5	59	29.5	34	25	0.144

The body swivels for positioning purposes.