

LF 3000® Push-In Fittings

The LF 3000® range, with its wide variety of shapes and configurations, allows you to find **the perfect product to meet your needs** and thus **optimise the use** of your equipment.

Product Advantages

World-Class Performance

- 40 years of expertise
- Full bore for optimum flow
- Ideal for vacuum or pressure applications
- Automatic sealing guaranteed, in both static and dynamic applications
- Materials with high resistance
- Durability of product and equipment

Optimal Design

- 100% leak-tested in production
- Date coding to guarantee quality and traceability
- Compact and aesthetic design: reduced dimensions for space-saving
- Tube fixed during connection, preventing leakage
- Conforms to ISO 14743
- Excellent vacuum performance thanks to the patented sealing technology
- Lightweight: reduced energy consumption of operating systems
- Parallel threaded fitting with a patented captive O-ring seal
- Maximum flexibility due to the wide product range



- Robotics
- Automotive Process
- Pneumatics
- Semi-Conductors
- Textile
- Packaging
- Vacuum

Applications

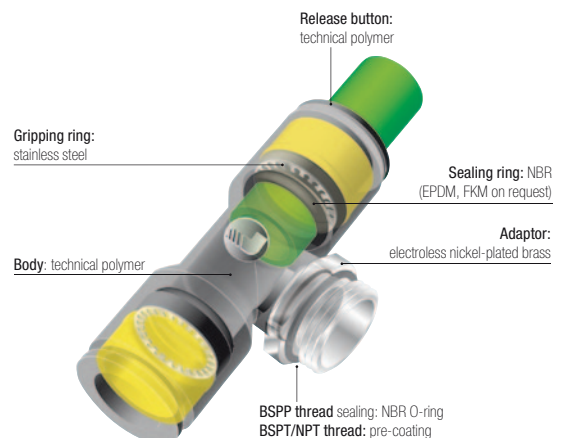
Technical Characteristics

Compatible Fluids	Compressed air Other fluids: please consult us
Working Pressure	Vacuum to 20 bar
Working Temperature	-20°C to +80°C

Tightening Torque (daN.m)	Threads								
	M3 x0.5	M5 x0.8	M7 x1	M10 x1	M12 x1.5	G1/8	G1/4	G3/8	G1/2
	0.06	0.16	0.8	0.8	1.1	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

ISO 14743: Pneumatic fluid power, push-in connectors for thermoplastic tubes
DI: 97/23/EC (PED)

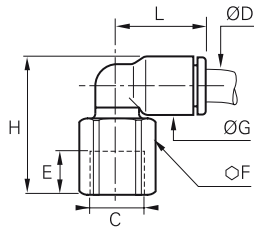
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)

Stud Fittings

3192 Stud Elbow, Female BSPP Thread



Technical polymer, nickel-plated brass, NBR



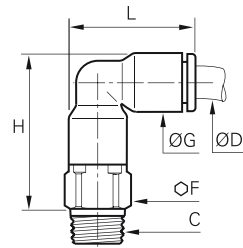
ØD	C		E	F	G	H	L	kg
4	G1/8	3192 04 10	8.5	13	8.5	23	14	0.010
	G1/4	3192 04 13	11.5	16	8.5	27	14	0.017
6	G1/8	3192 06 10	8.5	13	10.5	25	16	0.010
	G1/4	3192 06 13	11.5	16	10.5	29	16	0.017
8	G1/8	3192 08 10	8.5	13	13.5	28	23	0.012
	G1/4	3192 08 13	11.5	16	13.5	32	23	0.020
10	G3/8	3192 08 17	12	19	13.5	33	23	0.026
	G1/4	3192 10 13	11	16	16	34.5	26.5	0.020
	G3/8	3192 10 17	12	19	16	35	26.5	0.025
12	G1/2	3192 10 21	16	24	16	41	26.5	0.049
	G1/4	3192 12 13	11	16	19	38	30.5	0.023
	G3/8	3192 12 17	12	19	19	38.5	30.5	0.027
	G1/2	3192 12 21	16	24	19	43.5	30.5	0.050

The body swivels for positioning purposes.

3129 Extended Stud Elbow, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR



ØD	C		F	G	H	L	kg
4	R1/8	3129 04 10	10	8.5	23	19	0.008
	R1/4	3129 04 13	14	8.5	23.5	19	0.018
6	R1/8	3129 06 10	10	10.5	27	22.5	0.010
	R1/4	3129 06 13	14	10.5	27.5	22.5	0.020
8	R1/8	3129 08 10	13	13.5	34.5	29.5	0.018
	R1/4	3129 08 13	14	13.5	32.5	29.5	0.022
10	R3/8	3129 08 17	17	13.5	33	29.5	0.032
	R1/4	3129 10 13	15	16	39.5	34.5	0.031
	R3/8	3129 10 17	17	16	39.5	34.5	0.041
12	R1/2	3129 10 21	21	16	39.5	34.5	0.060
	R1/4	3129 12 13	19	19	45.5	40.5	0.035
	R3/8	3129 12 17	19	19	45.5	40.5	0.051
14	R1/2	3129 12 21	21	19	45.5	40.5	0.065
	R3/8	3129 14 17	21	22	51.5	46.5	0.064
	R1/2	3129 14 21	21	22	51.5	46.5	0.070

Pre-coated thread

The body swivels for positioning purposes.

Parker Legris offers the solution to enable many types of configuration options.

