

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

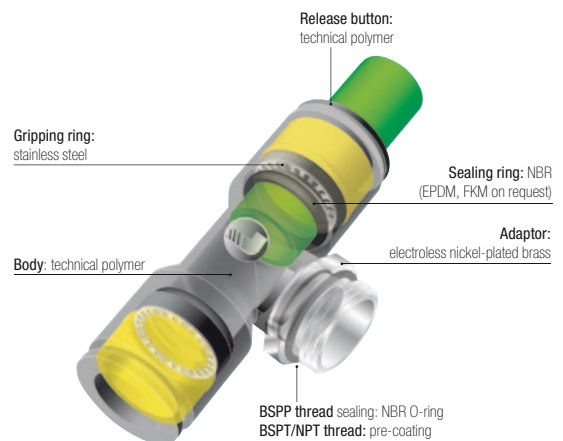
Technical Characteristics

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


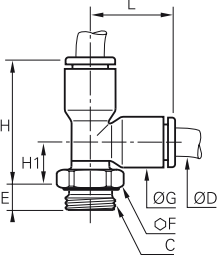

Regulations

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)


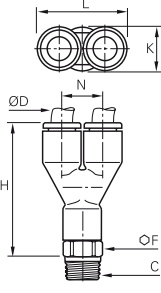

Stud Fittings

3193 Stud Run Tee, Male BSPP and Metric Thread

	Technical polymer, nickel-plated brass, NBR			ØD	C		E	F	G	H	H1	L	kg
	4	M5x0.8		3193 04 19	3.5	8	8.5	26	11.5	14.5	0.003		
	G1/8	3193 04 10	5	13	8.5	23	8.5	14.5	0.006				
	G1/4	3193 04 13	5.5	16	8.5	23	8.5	14.5	0.011				
6	M5x0.8	3193 06 19	3.5	8	10.5	29.5	12.5	17.5	0.004				
	G1/8	3193 06 10	5	13	10.5	27	10	17.5	0.007				
	G1/4	3193 06 13	5.5	16	10.5	27	10	17.5	0.012				
8	G1/8	3193 08 10	4.5	13	13.5	36.5	14	23	0.011				
	G1/4	3193 08 13	5.5	16	13.5	34.5	12	23	0.014				
	G3/8	3193 08 17	5.5	20	13.5	34.5	12	23	0.019				
10	G1/4	3193 10 13	5.5	16	16	42	15.5	26.5	0.017				
	G3/8	3193 10 17	5.5	20	16	40.5	14	26.5	0.020				
	G1/2	3193 10 21	7.5	24	16	40.5	14	26.5	0.029				
12	G1/4	3193 12 13	5.5	16	19	48	17	31	0.021				
	G3/8	3193 12 17	5.5	20	19	46.5	15.5	31	0.024				
	G1/2	3193 12 21	7	24	19	46.5	15.5	31	0.038				
14	G3/8	3193 14 17	5.5	20	22	56.5	21.5	35.5	0.107				
	G1/2	3193 14 21	7	24	22	51	16	35.5	0.120				
16	G3/8	3193 16 17	7.5	27	27	79.5	41	38.5	0.121				
	G1/2	3193 16 21	9	27	27	79.5	41	38.5	0.117				


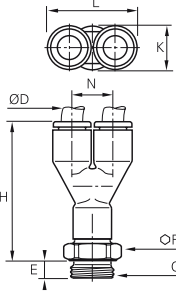

The body swivels for positioning purposes.

3148 Y Piece, Male BSPT Thread

	Technical polymer, nickel-plated brass, NBR			ØD	C		F	H	K	L	N	kg
	4	R1/8		3148 04 10	10	32.5	8.5	17.5	9	0.010		
	R1/4	3148 04 13	14	33	8.5	17.5	9	0.019				
6	R1/8	3148 06 10	10	39.5	10.5	21.5	11	0.011				
	R1/4	3148 06 13	14	40	10.5	21.5	11	0.021				
	R1/8	3148 08 10	13	56.5	13.5	28	14.5	0.020				
8	R1/4	3148 08 13	14	55.5	13.5	28	14.5	0.025				
	R3/8	3148 08 17	16	48.5	13.5	28	14.5	0.034				
	R1/4	3148 10 13	14	60	19	39	20	0.033				
10	R3/8	3148 10 17	16	60.5	19	39	20	0.042				
	R1/2	3148 10 21	24	61	19	39	20	0.062				
12	R3/8	3148 12 17	19	66	19	39	20	0.054				
	R1/2	3148 12 21	21	66	19	39	20	0.059				

Pre-coated thread
The body swivels for positioning purposes.

3158 Y Piece, Male BSPP and Metric Thread

	Technical polymer, nickel-plated brass, NBR			ØD	C		E	F	H	K	L	N	kg
	4	M5x0.8		3158 04 19	3.5	8	32.5	8.5	17.5	9	0.006		
	G1/8	3158 04 10	5	13	32	8.5	17.5	9	0.009				
	G1/4	3158 04 13	5.5	16	32.5	8.5	17.5	9	0.014				
6	M5x0.8	3158 06 19	3.5	10	39.5	10.5	21.5	11	0.009				
	G1/8	3158 06 10	5	13	39	10.5	21.5	11	0.012				
	G1/4	3158 06 13	5.5	16	39.5	10.5	21.5	11	0.017				
	G1/8	3158 08 10	5	13	49	13.5	28	14.5	0.020				
8	G1/4	3158 08 13	5.5	16	49.5	13.5	28	14.5	0.023				
	G3/8	3158 08 17	6	19	48	13.5	28	14.5	0.030				
	G1/4	3158 10 13	5.5	16	58	16	33	17	0.031				
10	G3/8	3158 10 17	6	20	57.5	16	33	17	0.039				
	G1/2	3158 10 21	7	24	58	16	33	17	0.053				
12	G3/8	3158 12 17	6	20	62	19	39	20	0.044				
	G1/2	3158 12 21	7	24	63	19	39	20	0.049				

The body swivels for positioning purposes.