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

Applications

Robotics
Automotive Process
Pneumatics
Semi-Conductors
Textile
Packaging
Vacuum

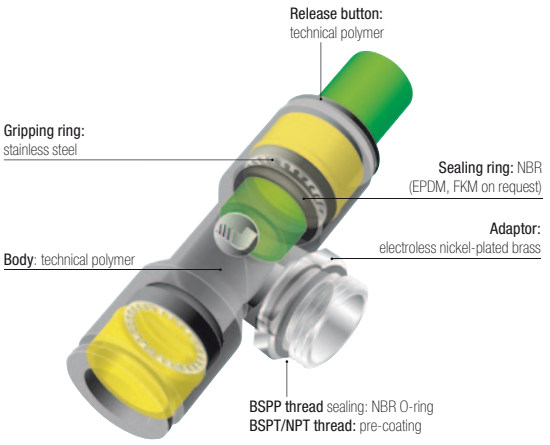
Technical Characteristics

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

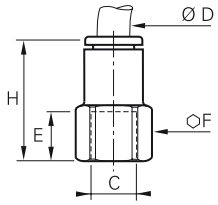
Regulations

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

3114 Stud Fitting, Female BSPP and Metric Thread

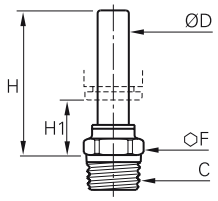
Nickel-plated brass, NBR



ØD	C		E	F	H	kg
4	M5x0.8	3114 04 19	6.5	8	19.5	0.005
	G1/8	3114 04 10	9.5	13	22.5	0.010
	G1/4	3114 04 13	13.5	16	26.5	0.015
6	G1/8	3114 06 10	9.5	13	24.5	0.011
	G1/4	3114 06 13	13.5	16	28.5	0.017
8	G1/8	3114 08 10	9.5	13	29	0.015
	G1/4	3114 08 13	13.5	16	33	0.021
	G3/8	3114 08 17	14	19	34	0.025
10	G1/4	3114 10 13	13.5	16	36	0.027
	G3/8	3114 10 17	14	19	36	0.027
	G1/2	3114 10 21	19.5	24	41.5	0.048
12	G3/8	3114 12 17	14	19	40	0.033
	G1/2	3114 12 21	19.5	24	45.5	0.052
14	G3/8	3114 14 17	14	22	42.5	0.057
16	G1/2	3114 16 21	15	27	49	0.096

3121 Stud Standpipe, Male BSPT Thread

Technical polymer, nickel-plated brass

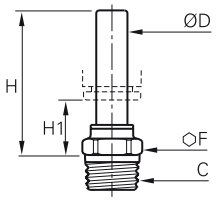


ØD	C		F	H	H1	kg
4	R1/8	3121 04 10	10	26	14	0.005
	R1/4	3121 04 13	14	26.5	14.5	0.014
6	R1/8	3121 06 10	10	28	14	0.005
	R1/4	3121 06 13	14	28.5	14.5	0.014
8	R1/8	3121 08 10	10	29.5	11	0.006
	R1/4	3121 08 13	14	28.5	10	0.012
	R3/8	3121 08 17	17	28.5	10	0.015
10	R1/4	3121 10 13	15	36	15.5	0.012
	R3/8	3121 10 17	17	36	15.5	0.017
	R1/2	3121 10 21	21	36	15.5	0.028
12	R3/8	3121 12 17	17	36.5	12	0.018
	R1/2	3121 12 21	21	36.5	12	0.028
14	R1/2	3121 14 21	21	41	13.5	0.042

Pre-coated thread

3121 Stud Standpipe, Male NPT Thread

Technical polymer, nickel-plated brass

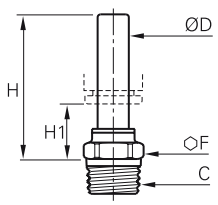


ØD	C		F	H	H1	kg
4	NPT1/8	3121 04 11	11	25.9	14.5	0.007
	NPT1/4	3121 04 14	14	26.4	15	0.017
8	NPT1/8	3121 08 11	11	29.5	10.9	0.008
	NPT1/4	3121 08 14	14	28.4	9.9	0.014

Pre-coated thread
5/32" (4 mm) and 5/16" (8 mm) are also available

3121 Stud Standpipe, Male NPT Thread — Inch

Technical polymer, nickel-plated brass



ØD	C		F	H	H1	kg
1/4	NPT1/8	3121 56 11	11	30	15.5	0.001
	NPT1/4	3121 56 14	14	28.4	14.5	0.001
3/8	NPT1/8	3121 60 11	15	44.4	16.5	0.013
	NPT1/4	3121 60 14	15	36.1	17	0.014
	NPT3/8	3121 60 18	18	36.1	15.5	0.023
1/2	NPT3/8	3121 62 18	17	36.6	9.4	0.026
	NPT1/2	3121 62 22	21	37.1	9.9	0.046

Pre-coated thread
5/32" (4 mm) and 5/16" (8 mm) are also available