

LF 6100 Push-In Fittings

This fittings range dedicated to **lubrication and vacuum systems**, combines very high performance and manual connection. This technology **secures the connection** and sealing performance, even at high pressure.

Product Advantages

Robust | Designed for mechanically demanding environments
Excellent pressure and temperature resistance
Stamped brass forgings for increased service life

Secure & Reliable | Perfect sealing guaranteed by the three rings
The two sealing O-rings positioned before the gripping ring endure no scratching on the tube in the sealing area
Manual connection for time-saving
No fluid loss
Tube cannot be disconnected without the use of a spanner
Up to 60 bar with rigid polymer or grooved metal tubing
100% leak-tested in production



Construction Equipment
Lubrication
Transportation
Measurement Systems
Industrial Machines
Industrial Vacuum

Applications

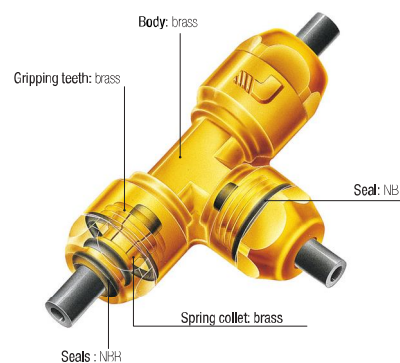
Technical Characteristics

Compatible Fluids	Lubricants, compressed air, vacuum, other fluids and compatible gases
Working Pressure	Vacuum to 60 bar
Working Temperature	-20° to +120°C

Max./Min. Tightening Torques (daN.m)	Thread	M6 x1	M8 x1	M8 x1.25	M10 x1	M12 x1	M14 x1.5	R 1/8	R 1/4
	Taper	0.2/0.6	0.2/1.2	0.2/1	0.2/1.2	0.2/2	0.5/1.5	0.2/1.0	0.5/1.5
	Parallel	-	0.6/1	-	0.6/1	1.8/2.2	-	-	-

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

DI: 91/53/EEC (H.L.)
DI: 2002/95/EC (RoHS),
2011/65/EC

DI: 94/9/EC (ATEX)
RG: 2007/2006 (REACH)

Performance

Working Pressure / Temperature According to the Tubing Used

O.D. of Tube	-20°C to +20°C		+20°C to +30°C		+30°C to +50°C		+50°C to +80°C		+80°C to 120°C
	Semi-Rigid PA	Rigid PA	Semi-Rigid PA	Rigid PA	Semi-Rigid PA	Rigid PA	Semi-Rigid PA	Rigid PA	FEP
2x4	40	-	33	-	25.5	-	19	-	-
2.5x4	-	52	-	43	-	32	-	24.5	7
2.7x4	23	-	19	-	15	-	11	-	-
4x6	24	45	20	37	15.5	29	11	21	6
5x8	-	52	-	43	-	33	-	24	-
6x8	17	32	14	27	11	21	8	15	4
6x10	-	57	-	47	-	37	-	27	-
7.5x10	17	-	14	-	11	-	8	-	-
8x10	14	-	12	-	9	-	7	-	3

Should your requirement not be covered by our standard range, please consult us for customised fittings.

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ARA®

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Stud Fittings

6105 Stud Fitting, Male BSPT and Taper Metric Thread

ØD	C	Brass, NBR			F1	F2	H	kg
		Material	Part No.	Weight				
4	M6x1	Brass	6105 04 52	13	11	16.5	0.013	
4	M8x1	Brass	6105 04 56	13	11	14.5	0.012	
4	M8x1.25	Brass	6105 04 57	13	11	14.5	0.012	
4	M10x1	Brass	6105 04 60	13	11	14.5	0.014	
4	R1/8	Brass	6105 04 10	13	11	14.5	0.014	
4	R1/4	Brass	6105 04 13	14	11	12.5	0.018	
6	M10x1	NBR	6105 06 60	17	14	16.5	0.024	
6	R1/8	NBR	6105 06 10	17	14	17.5	0.026	
6	M14x1.5	NBR	6105 06 71	17	14	16.5	0.028	
6	R1/4	NBR	6105 06 13	17	14	16.5	0.030	
8	M12x1	NBR	6105 08 65	19	21	24	0.041	
10	M14x1.5	NBR	6105 10 71	22	24	26	0.005	

6101 Stud Fitting, Male Parallel and Metric Thread

ØD	C	Brass, NBR			F1	F2	H	kg
		Material	Part No.	Weight				
4	M10x1	Brass	6101 04 60	13	11	14	0.014	
6	M10x1	Brass	6101 06 60	17	14	17.5	0.026	
	M12x1	Brass	6101 06 65	17	14	16.5	0.025	

6114 Stud Fitting, Female Metric Parallel Thread


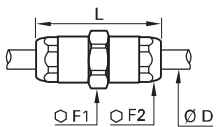
ØD	C	Brass, NBR			E	F1	F2	H	kg
		Material	Part No.	Weight					
4	M8x1	Brass	6114 04 56	8	13	11	25.5	0.021	
6	M8x1	Brass	6114 06 56	8	17	14	28.5	0.043	

6179 Stud Elbow, Male BSPT and Taper Metric Thread


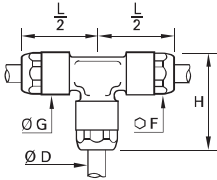
ØD	C	Brass, NBR						kg	
		F	G	H	J	L			
4	M6x1	Brass	6179 04 52	11	12.5	14.5	6	20	0.014
	M8x1	Brass	6179 04 56	11	12.5	15	6	20	0.015
	M8x1.25	Brass	6179 04 57	11	12.5	15	6	20	0.015
	M10x1	Brass	6179 04 60	11	12.5	15.5	6	20	0.016
	R1/8	Brass	6179 04 10	11	12.5	15.5	6	20	0.017
	R1/4	Brass	6179 04 13	11	12.5	17	6	20	0.022
6	M10x1	NBR	6179 06 60	14	16	18	8	25.5	0.030
	M12x1	NBR	6179 06 65	14	16	18	8	25.5	0.030
	R1/8	NBR	6179 06 10	14	16	18	8	25.5	0.030
8	R1/4	NBR	6179 06 13	14	16	19	8	25.5	0.035
	M12x1	NBR	6179 08 65	17	19	21	10	30	0.047

Tube-to-Tube Fittings


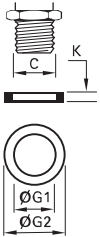
6106 Tube-to-Tube Connector

	Brass, NBR 	ØD			F1	F2	L	kg
		4	6106 04 00	13	11	34	0.025	
		6	6106 06 00	17	14	39	0.044	
		8	6106 08 00	19	17	46	0.069	

6104 Equal Tee

	Brass, NBR 	ØD				F	G	H	L/2	kg
		4	6104 04 00	11	12.5	26.5	20	0.032		
		6	6104 06 00	14	16	32.5	25.5	0.066		
		8	6104 08 00	17	19	38	30	0.103		

0138 Copper Washer

	Copper 	C			G1	G2	K	kg
		M8	0138 08 00	8.3	11	1	0.001	
		M10	0138 10 00	10.3	13.5	1	0.001	
		M12	0138 12 00	12.3	15.5	1.3	0.072	

DIN 7603
ISO 65061

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Related Products

The Parker Legris push-in system for centralised lubrication is designed for use with various polymer tubing found in Chapter 3, "Technical Tubing and Hose":

- Fireproof High Resistance PA Tubing
- Rigid and Semi-Rigid Calibrated Polyamide Tubing
- Fluoropolymer Tubing



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