

# 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

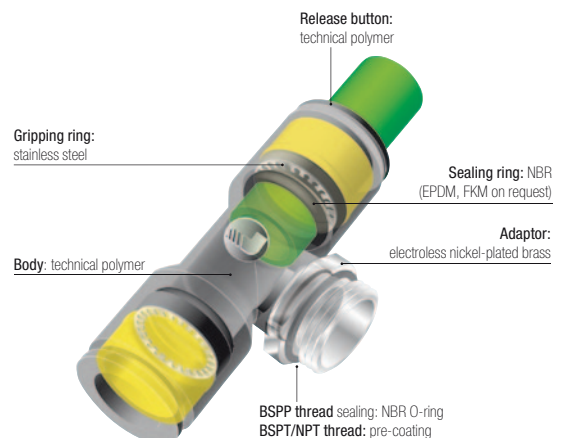
## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air Other fluids: please consult us
<b>Working Pressure</b>	Vacuum to 20 bar
<b>Working Temperature</b>	-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


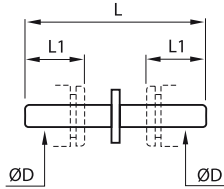

### Regulations

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)


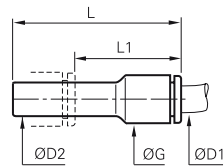

# Plug-In Fittings and Accessories

## 3120 Stem Connector


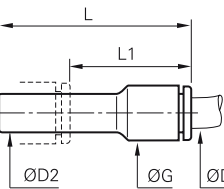

	Technical polymer 	<b>ØD</b>		<b>L</b>	<b>L1</b>	<b>kg</b>
		4	<a href="#">3120 04 00</a>	34.5	12	0.001
		6	<a href="#">3120 06 00</a>	38.5	14	0.001
		8	<a href="#">3120 08 00</a>	41	18.5	0.001
		10	<a href="#">3120 10 00</a>	51.5	20.5	0.002
		12	<a href="#">3120 12 00</a>	60	24.5	0.004
		14	<a href="#">3120 14 00</a>	69.5	25.5	0.007

This model is available in nickel-plated brass; please use suffix 85. Example: 3120 04 00 85.  
Only compatible with Parker Legris fittings.  
Drawing available upon request.


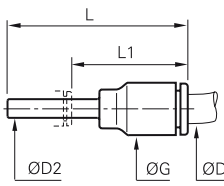

## 3166 Plug-In Reducer

	Technical polymer, NBR 	<b>ØD1</b>	<b>ØD2</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		3	4	<a href="#">3166 03 04</a>	8.5	37.5	23.5	0.002
		4	6	<a href="#">3166 04 06</a>	8.5	37.5	23.5	0.001
		4	8	<a href="#">3166 04 08</a>	8.5	37.5	19	0.001
		4	10	<a href="#">3166 04 10</a>	12	44	22.5	0.003
		6	8	<a href="#">3166 06 08</a>	10.5	37.5	20	0.001
		6	10	<a href="#">3166 06 10</a>	10.5	38	17.5	0.002
		6	12	<a href="#">3166 06 12</a>	14.5	46	23	0.005
		6	14	<a href="#">3166 06 14</a>	14.5	48	23	0.006
		8	10	<a href="#">3166 08 10</a>	13.5	49	28.5	0.003
		8	12	<a href="#">3166 08 12</a>	13.5	49	24.5	0.004
		8	14	<a href="#">3166 08 14</a>	17	48	23	0.007
		10	12	<a href="#">3166 10 12</a>	21.5	56.5	33.5	0.006
		10	14	<a href="#">3166 10 14</a>	21.5	58.5	33.5	0.007
		12	14	<a href="#">3166 12 14</a>	23.5	58.5	33.5	0.010


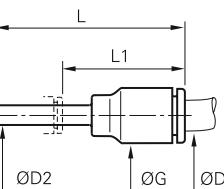

## 3166 Plug-In Reducer

	Technical polymer, NBR 	<b>ØD1</b>	<b>ØD2</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		1/4	5/16	<a href="#">3166 56 08</a>	11	41	23	0.002
		1/4	3/8	<a href="#">3166 56 60</a>	11	41	21	0.002

## 3168 Plug-In Increaser

	Technical polymer, NBR 	<b>ØD1</b>	<b>ØD2</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		6	4	<a href="#">3168 06 04</a>	10.5	35	23	0.001
		8	6	<a href="#">3168 08 06</a>	13.5	45	31.5	0.003
		8	1/4	<a href="#">3168 08 56</a>	16	40	25.5	0.008
		10	8	<a href="#">3168 10 08</a>	16	42.5	21	0.009
		12	10	<a href="#">3168 12 10</a>	19	49	24.5	0.012

## 3168 Plug-In Increaser

	Technical polymer, NBR 	<b>ØD1</b>	<b>ØD2</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		1/4	5/32	<a href="#">3168 56 04</a>	11	41	29	0.001
		1/4	3/16	<a href="#">3168 56 55</a>	20.5	41	25	0.003