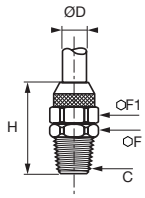
Stud Fittings

FBPL Stud Fitting, Male NPT Thread



Nickel-plated brass

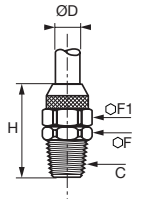


ØD	C		F	F1	H	kg
2.7x4	NPT1/8	FBPL2.7/4-1/8	11	8	22	0.011
4x6	NPT1/8	FBPL4/6-1/8	11	11	25	0.016
4x6	NPT1/4	FBPL4/6-1/4aV	11	11	29	0.026
6x8	NPT1/8	FBPL6/8-1/8	14	13	25	0.016
6x8	NPT1/4	FBPL6/8-1/4	12	13	29	0.023
8x10	NPT1/4	FBPL8/10-1/4	14	16	30	0.031
8x10	NPT3/8	FBPL8/10-3/8	14	16	31	0.040
10x12	NPT3/8	FBPL10/12-3/8	14	17	33	0.040

F3BPL Stud Fitting, Male BSPT Thread



Nickel-plated brass

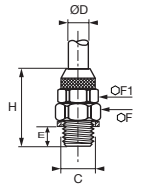


ØD			F	F1	H	kg
2.7x4	R1/8	F3BPL2.7/4-1/8	10	8	20.5	0.009
4x6	R1/8	F3BPL4/6-1/8	10	11	23.5	0.016
4x6	R1/4	F3BPL4/6-1/4	14	11	26.5	0.025
6x8	R1/8	F3BPL6/8-1/8	12	13	23.5	0.015
6x8	R1/4	F3BPL6/8-1/4	14	13	26.5	0.023
6x8	R3/8	F3BPL6/8-3/8	17	13	27.6	0.026
7.5x10	R1/4	F3BPL7.5/10-1/4	14	16	27.5	0.031
7.5x10	R3/8	F3BPL7.5/10-3/8	17	16	28.6	0.037
8x10	R1/4	F3BPL8/10-1/4	14	16	27.5	0.031
8x10	R3/8	F3BPL8/10-3/8	17	16	28.6	0.043
10x12	R3/8	F3BPL10/12-3/8	17	17	30.1	0.036
11x14	R3/8	F3BPL11/14-3/8	19	22	32.5	0.058

F4BPL Stud Fitting, Male BSPP Thread



Nickel-plated brass



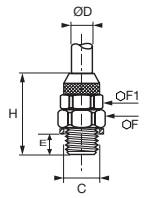
ØD	C		E	F	F1	H	kg
4x6	G1/8	F4BPL4/6-1/8	8	14	11	26	0.021
6x8	G1/4	F4BPL6/8-1/4	9	17	13	28	0.030

These fittings are supplied with a copper seal.

F8BPL Stud Fitting, Male Metric Straight Thread



Nickel-plated brass

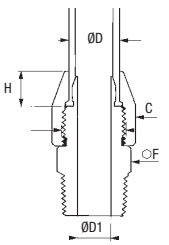


ØD	C		E	F	F1	H	kg
6x8	M10x1	F8BPL6/8M10	7	14	13	28	0.021
6x8	M12x1.25	F8BPL6/8M12	7	17	13	28	0.024

These fittings are supplied with a copper seal.

Fitting Dimensions

D: Tube O.D. (mm)	C: Metric Thread	D1: Bore Diameter (mm)	F: Hex (mm)	H: Tube Insertion Length (mm)
4x2.7	M6x0.75	1.5	8	4.5
6x4	M9x0.75	3	11	6.5
8x6	M11x0.75	5	13	6.5
10x7.5	M13x1	6.5	17	7
10x8	M13x1	6.5	17	7
12x10	M15x1.25	9	17	7.5
14x11	M18x1.50	9.5	22	8.5



PL Nickel-Plated Brass Spigot Fittings

This range of Parker Legris has a sealing system which guarantees **excellent sealing and full flow**. PL fittings for flexible tubing are **fully re-usable**. They provide excellent compatibility with a wide variety of fluids.

Product Advantages

Rapid Assembly

- Nut design allows hand tightening with soft tubing (PU, PE etc.)
- Quick to assemble and disassemble
- Compatible with all flexible tubes of hardness up to 90 shore A (polyurethane, polyamide, polyethylene, fluoropolymers, etc.)
- Mechanical stop on the body to prevent overtightening

Performance

- Special spigot design ensures full flow and excellent tensile performance
- Reliable direct sealing system without the use of a seal or olive
- Low and medium pressure
- Nickel-plated for increased corrosion resistance



Applications

Food Process
Painting
Pneumatic Systems
Chemical
Welding
Laboratories
Railway

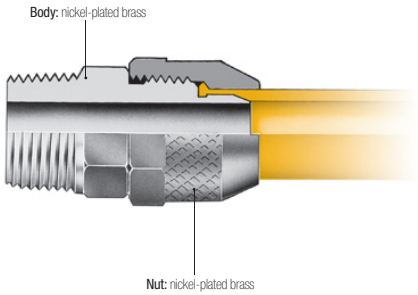
Technical Characteristics

Compatible Fluids	Compressed air Other fluids: contact us
Working Pressure	Vacuum to 40 bar
Working Temperature	-40°C to +100°C

Tensile Performance (polyamide tubing)	Ø	2.7/4	4/6	6/8	7.5/10	8/10	10/12	11/14
	daN	11	41	52	88	67	79	149

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.
Guaranteed for use with a vacuum of 755 mm Hg (99% vacuum).

Component Materials



Silicone-free

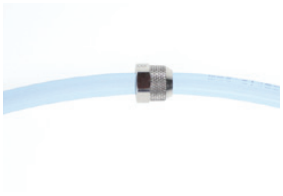
Installation

Cutting the Tube



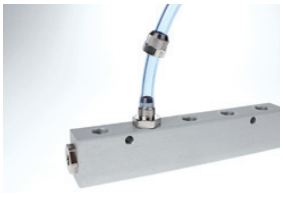
Cut the polymer tube square.

Preparing the Connection



Slide the nut onto the tube.

Connecting the Tube



Push the tube home into the body of the fitting.

Final Assembly



Tighten the nut by hand (in the case of soft tubing) or using a spanner (for semi-rigid tubing) until it comes into contact with the end stop.

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark