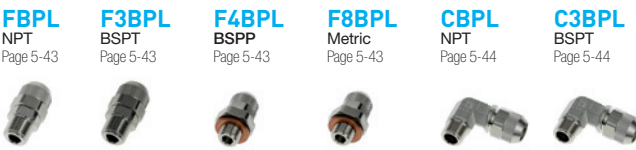


PL Nickel-Plated Brass Spigot Fitting Range

PL Nickel-Plated Brass Spigot Fittings

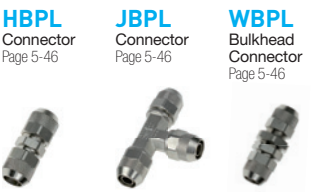
Stud Fittings



Banjo Fitting



Tube-to-Tube Fittings



Complementary Fitting



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



Food Process
Painting
Pneumatic Systems
Chemical
Welding
Laboratories
Railway

Applications

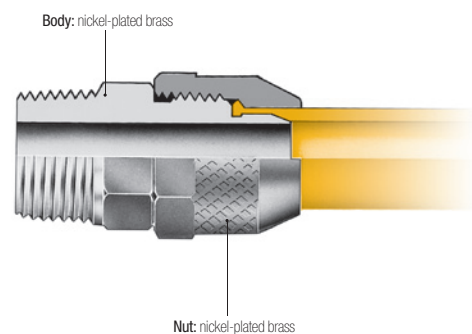
Technical Characteristics

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

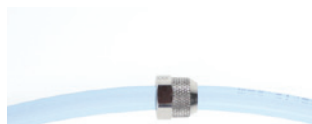
Installation

Cutting the Tube



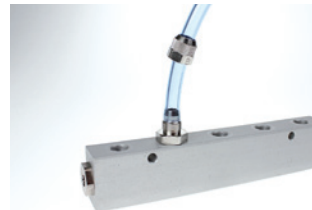
Cut the polymer tube square.

Preparing the Connection



Slide the nut onto the tube.

Connecting the Tube



Push the tube home into the body of the fitting.

Final Assembly


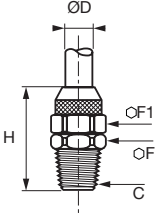


Tighten the nut by hand (in the case of soft tubing) or using a spanner (for semi-rigid tubing) until it comes into contact with the end stop.

Stud Fittings


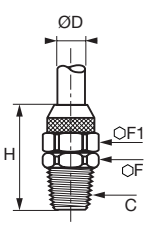
FBPL

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


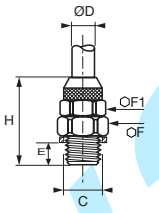
F3BPL

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


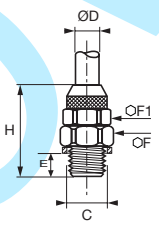
Stud Fitting, Male BSPP Thread

	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

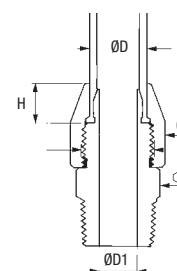
Stud Fitting, Male Metric Straight Thread

	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





Stud Fittings



CBPL Stud Elbow, Male NPT Thread

	Nickel-plated brass									
	ØD	C		F	H	J	L	kg		
	2.7x4	NPT1/8		8	18	8	22	0.019		
	4x6	NPT1/8		11	18	8	24	0.023		
	4x6	NPT1/4		11	23	10	25	0.036		
	6x8	NPT1/8		13	19	10	25	0.027		
	6x8	NPT1/4		13	23	10	25	0.034		
	8x10	NPT1/4		16	24	12	28	0.058		
	8x10	NPT3/8		16	25	12	28	0.059		
	10x12	NPT3/8		17	27	14	32	0.051		

C3BPL Stud Elbow, Male BSPT Thread



	Nickel-plated brass									
	ØD	C		F	H	J	L	kg		
	2.7x4	R1/8		8	17	8	22	0.018		
	4x6	R1/8		11	17	8	24	0.022		
	4x6	R1/4		11	21.5	10	25	0.031		
	6x8	R1/8		13	18	10	25	0.025		
	6x8	R1/4		13	21.5	10	25	0.031		
	6x8	R3/8		13	23.1	12	27	0.050		
	7.5x10	R1/4		16	22.5	12	28	0.057		
	7.5x10	R3/8		16	23.1	12	28	0.058		
	8x10	R1/4		16	21.5	12	28	0.057		
	8x10	R3/8		16	23.1	12	28	0.058		
	10x12	R3/8		17	25.1	14	32	0.052		
	11x14	R3/8		22	25.1	16	34	0.094		

C4BPL Stud Elbow, Male BSPP Thread

	Nickel-plated brass, NBR									
	ØD	C		E	F	F1	H	J	L	kg
	6x8	G1/4		7	13	13	27	12	27	0.063

These fittings are supplied with nitrile seals.

C8BPL Stud Elbow, Male Metric Straight Thread


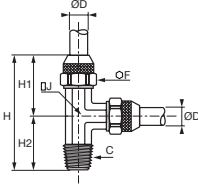
	Nickel-plated brass, NBR									
	ØD	C		E	F	F1	H	J	L	kg
	6x8	M10x1		7	14	13	27.25	10	21.5	0.031
	6x8	M12x1		7	13	13	26	12	25	0.063

These fittings are supplied with nitrile seals.

Stud Fittings


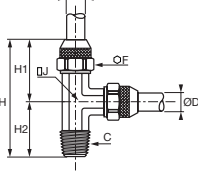
RBPL

Stud Run Tee, Male NPT Thread

	Nickel-plated brass		ØD	C		F	H	H1	H2	J	kg
			4x6	NPT1/8	RBPL4/6-1/8	11	42	24	18	8	0.037
			4x6	NPT1/4	RBPL4/6-1/4	11	48	25	23	10	0.050
			6x8	NPT1/4	RBLP6/8-1/4	13	48	25	23	10	0.046


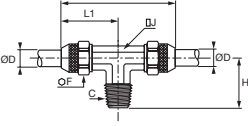
R3BPL

Stud Run Tee, Male BSPT Thread

	Nickel-plated brass		ØD	C		F	H	H1	H2	J	kg
			4x6	R1/8	R3BPL4/6-1/8	11	42	24	17	8	0.035
			4x6	R1/4	R3BPL4/6-1/4	11	48	25	21.5	10	0.048
			6x8	R1/8	R3BPL6/8-1/8	13	44	25	18	10	0.037
			6x8	R1/4	R3BLP6/8-1/4	13	48	25	21.5	10	0.045


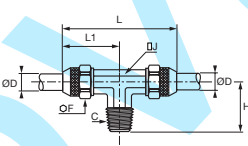
SBPL

Stud Branch Tee, Male NPT Thread

	Nickel-plated brass		ØD	C		F	H	J	L	L1	kg
			4x6	NPT1/8	SBPL4/6-1/8	11	18	8	48	24	0.035
			4x6	NPT1/4	SBPL4/6-1/4	11	23	10	50	25	0.050
			6x8	NPT1/4	SBPL6/8-1/4	13	23	10	50	25	0.049


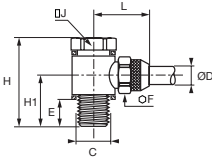
S3BPL

Branch Tee, Male BSPT Thread

	Nickel-plated brass		ØD	C		F	H	J	L	L1	kg
			4x6	R1/8	S3BPL4/6-1/8	11	17	8	48	24	0.035
			4x6	R1/4	S3BPL4/6-1/4	11	21.5	10	50	25	0.048
			6x8	R1/8	S3BPL6/8-1/8	13	18	10	50	25	0.037
			6x8	R1/4	S3BLP6/8-1/4	13	21.5	10	50	25	0.045

COR4BPL

Single Banjo, Male BSPP Thread


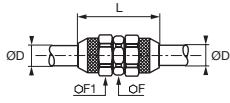
	Nickel-plated brass		ØD	C		E	F	F1	H	H1	L	kg
			4x6	G1/8	COR4BPL4/6-1/8	7	14	11	27	16	24	0.068
			4x6	G1/4	COR4BPL4/6-1/4	8	19	11	29	17	26	0.096
			6x8	G1/8	COR4BPL6/8-1/8	7	14	13	27	16	25	0.068
			6x8	G1/4	COR4BLP6/8-1/4	8	19	13	30	17	27	0.096

These parts are supplied with peripheral seals.
The banjo bolt is made of steel.

PL Tube-to-Tube and Complementary Fittings


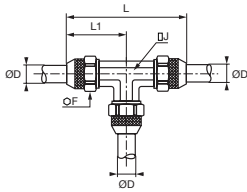
HBPL

Equal Tube-to-Tube Connector

	Nickel-plated brass 	ØD			F	F1	L	kg
		2.7x4	HBPL2.7/4		7	8	24	0.010
		4x6	HBPL4/6		10	11	30	0.021
		6x8	HBPL6/8		12	13	30	0.022
		8x10	HBPL8/10		14	16	32	0.043
		10x12	HBPL10/12		16	17	36	0.056
		11x14	HBPL11/14		19	22	40	0.087


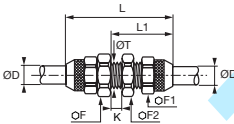
JBPL

Equal Tee

	Nickel-plated brass 	ØD			F	J	L	L1	kg
		2.7x4	JBPL2.7/4		8	8	44	22	0.024
		4x6	JBPL4/6		11	8	48	24	0.042
		6x8	JBPL6/8		13	10	50	25	0.045
		7.5x10	JBPL7.5/10		16	12	56	28	0.086
		8x10	JBPL8/10		16	12	56	28	0.085
		10x12	JBPL10/12		17	14	64	32	0.100
		11x14	JBPL11/14		22	16	68	34	0.168


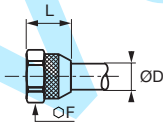
WBPL

Equal Bulkhead Connector

	Nickel-plated brass 	ØD			F	F1	F2	K _{max}	L	L1	T _{min}	kg
		4x6	WBPL4/6		13	11	13	5	39	22	M9x0.75	0.030
		6x8	WBPL6/8		14	13	16	5	39	22	M11x0.75	0.032
		8x10	WBPL8/10		16	16	17	5	43	24	M13x1	0.057
		10x12	WBPL10/12		19	17	19	5	46	26	M15x1.25	0.064
		11x14	WBPL11/14		22	22	22	5	50	28	M18x1.5	0.112

BPLM

Nut

	Nickel-plated brass 	ØD	C		F	L	kg
		2.7x4	M6x0.75	BPL4M	8	10	0.003
		4x6	M9x0.75	BPL6M	11	13	0.006
		6x8	M11x0.75	BPL8M	13	13	0.008
		7.5x10	M13x1	BPL10M	16	14	0.014
		8x10	M13x1	BPL10M	16	14	0.014
		10x12	M15x1.25	BPL12M	17	16	0.012
		11x14	M18x1.5	BPL14M	22	18	0.025