

Adaptors, Plugs and Manifolds

Parker Legris offers a **wide range of adaptors and manifolds** compatible with the various Parker Legris fitting systems. This range of products provides the user with a **complete solution** covering numerous applications, both in non-corrosive and corrosive environments.

Product Advantages

Large Range & Flexibility

A complete offer, from the simple adaptor to a modular manifold solution

Large selection of materials for excellent chemical compatibility: brass, steel, stainless steel, aluminium

Surface treatment for increased corrosion resistance: nickel-plated brass or anodised aluminium

Stainless steel for corrosive environments

BSPP, BSPT, NPT and metric threads

Performance

Robust design

Suitable for low to high pressure, depending on configuration and material

Forged shapes for mechanical strength



Packaging
Robotics
Textile
Pneumatics
Automotive Process
Food Process


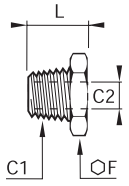
Applications

Technical Characteristics


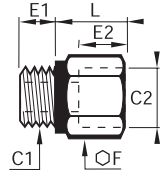
Products	Adaptors and Plugs				Manifolds
Component Materials	Brass	Nickel-plated brass	Stainless steel 316L	Steel	Anodised aluminium
Working Pressure	1/8" to 1/2": 200 bar 3/4" and 1": 150 bar 1 1/4" to 2": 100 bar, without sealing washer	60 bar	1/8" to 1/2": 200 bar 3/4" and 1": 150 bar 1 1/4" to 2": 100 bar, without sealing washer	1/8" to 1/2": 200 bar 3/4" and 1": 150 bar 1 1/4" to 2": 100 bar, without sealing washer	20 bar
Working Temperature	-40°C to +150°C without sealing washer -20°C to +80°C with sealing washer	-10°C to +80°C	-20°C to +180°C	-10°C to +80°C	-10°C to +80°C

Brass Adaptors

0163 Unequal Reducer, Male BSPT/Female BSPP Thread


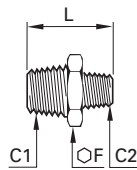
Image	Material	Diagram	C1	C2	Icon	F	L	kg	
	Brass		R1/4	G1/8	0163 13 10		14	16	0.009
			R3/8	G1/8	0163 17 10		17	16.5	0.020
				G1/4	0163 17 13		17	16.5	0.012
			R1/2	G1/8	0163 21 10		22	21	0.048
				G3/8	0163 21 17		22	21	0.024
			R3/4	G1/4	0163 27 13		27	24	0.084
				G3/8	0163 27 17		27	24	0.069
				G1/2	0163 27 21		27	24	0.046

0169 Increaser, Male/Female BSPP Thread


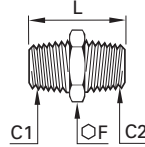
Image	Material	Diagram	C1	C2	Icon	E1	E2	F	L	kg
	Brass, technical polymer		G1/8	G1/4	0169 10 13	5	11	17	16	0.019
				G3/8	0169 10 17	5	14	22	19.5	0.039
			G1/4	G3/8	0169 13 17	7	14	22	19.5	0.041
				G1/2	0169 13 21	7	14.5	27	20.5	0.062
			G3/8	G1/2	0169 17 21	8	14.5	27	20.5	0.062
				G3/4	0169 17 27	8	15.5	32	22	0.082
			G1/2	G3/4	0169 21 27	9.5	15.5	32	22.5	0.087

With fitted captive seal

0121 Straight Male Adaptor, Male BSPT Thread

Image	Material	Diagram	C1	C2	Icon	F	L	kg
	Brass		R1/8	R1/8	0121 10 10	11	19	0.009
			R1/4	R1/8	0121 13 10	14	23.5	0.017
				R1/4	0121 13 13	14	27	0.020
			R3/8	R1/8	0121 17 10	17	24	0.021
				R1/4	0121 17 13	17	27.5	0.025
			R1/2	R3/8	0121 17 17	17	28	0.026
				R1/8	0121 21 10	22	28.5	0.042
			R1/2	R1/4	0121 21 13	22	32	0.045
				R3/8	0121 21 17	22	32.5	0.045
			R3/4	R1/2	0121 21 21	22	36	0.052
				R1/4	0121 27 13	27	35	0.078
			R1	R3/8	0121 27 17	27	35.5	0.078
				R1/2	0121 27 21	27	39	0.085
			R1 1/4	R3/4	0121 27 27	27	40	0.091
				R3/8	0121 34 17	36	38.5	0.127
			R1	R1/2	0121 34 21	36	42	0.134
				R3/4	0121 34 27	36	43	0.143
			R1 1/2	R1	0121 34 34	36	46	0.154
				R1/2	0121 42 21	46	46.5	0.220
			R1 3/4	R3/4	0121 42 27	46	47.5	0.224
				R1	0121 42 34	46	50.5	0.239
			R1 1/4	R1 1/4	0121 42 42	46	53	0.230

0121 Equal Adaptor, Male NPT/BSPT Thread

Image	Material	Diagram	C1	C2	Icon	F	L	kg
	Brass		NPT1/8	R1/8	0121 11 10	11	19	0.009
			NPT1/4	R1/4	0121 14 13	14	27	0.021
			NPT3/8	R3/8	0121 18 17	17	28	0.026
			NPT1/2	R1/2	0121 22 21	22	36	0.052
			NPT3/4	R3/4	0121 28 27	27	40	0.090