

A close-up photograph of a metal manifold or adapter, showing its intricate structure and texture. The image is overlaid with a fine grid pattern. The text 'ADAPTORS AND MANIFOLDS' is centered in a white box at the top.

ADAPTORS AND MANIFOLDS

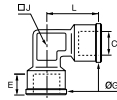
Adaptors and Manifolds

	Materials	Fluids	Maximum Pressure (bar)	Temperature		Performance in Aggressive Environments		Page
				Min.	Max.	Mechanical	Chemical	
Adaptors and Manifolds								
Nickel-Plated Brass Adaptors 	Nickel-plated brass	Compressed air	60	-10°C	+80°C	Good	Moderate	163
Brass Adaptors 	Brass	Compressed air	200	-40°C	+150°C	Good	Moderate	168
Stainless Steel Adaptors 	316L stainless steel	All fluids	200	-20°C	+180°C	Excellent	Excellent	173
Manifolds 	Anodised aluminium, brass	Compressed air	20	-10°C	+80°C	Excellent	Good	176
Plugs 	Brass, nickel-plated brass, stainless steel, steel	All fluids (depending on materials)	200	-60°C	+180°C	Excellent	Moderate to excellent	178
Accessories 	FKM, copper, polymer	All fluids (depending on materials)	250	-250°C	+260°C		Excellent	182

Nickel-Plated Brass Adaptors

0912 Equal Stud Elbow, Female BSPP and Metric Thread

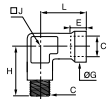
Nickel-plated brass



C		E	G	J	L	Kg
M5x0.8	0912 00 19	4	8	9	11	0.007
G1/8	0912 00 10	8	13	10	18.5	0.015
G1/4	0912 00 13	11.5	17	12	22.5	0.029
G3/8	0912 00 17	11.5	21	15	25.5	0.043
G1/2	0912 00 21	14	26	19	30	0.073
G3/4	0912 00 27	16.5	32	22	35.5	0.106
G1	0912 00 34	18	38.5	28	40.5	0.165

0921 Equal Stud Elbow, Male/Female and Metric Thread

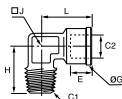
Nickel-plated brass



C		E	G	H	J	L	Kg
M5x0.8	0921 00 19	4	8	11.5	9	11	0.007

0913 Equal Stud Elbow, Male BSPT/ Female BSPP Thread

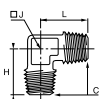
Nickel-plated brass



C1	C2		E	G	H	J	L	Kg
R1/8	G1/8	0913 00 10	8	13	17	10	18.5	0.012
R1/4	G1/4	0913 00 13	11.5	17	22.5	12	22.5	0.025
R3/8	G3/8	0913 00 17	11.5	21	25.5	15	25.5	0.040
R1/2	G1/2	0913 00 21	14	26	30	19	30	0.064
R3/4	G3/4	0913 00 27	16.5	32	34.5	22	35.5	0.098
R1	G1	0913 00 34	18	38.5	40.5	28	40.5	0.162

0914 Equal Stud Elbow, Male BSPT Thread

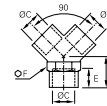
Nickel-plated brass



C		H	J	L	Kg
R1/8	0914 00 10	17	10	17	0.010
R1/4	0914 00 13	22.5	12	22.5	0.022
R3/8	0914 00 17	25.5	15	25.5	0.034
R1/2	0914 00 21	30	19	30	0.057
R3/4	0914 00 27	34.5	22	34.5	0.093
R1	0914 00 34	40.5	28	40.5	0.157

0910 Equal Y, Female BSPP Thread

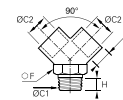
Nickel-plated brass



C		E	F	H	Kg
G1/8	0910 00 10	8	13	12	0.019
G1/4	0910 00 13	11	17	14	0.033
G3/8	0910 00 17	11.5	20	16	0.046
G1/2	0910 00 21	14	25	19	0.085

0911 Equal Y, Male BSPT/Female BSPP Thread

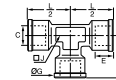
Nickel-plated brass



C1	C2		E	F	H	Kg
R1/8	G1/8	0911 00 10	8	13	8	0.022
R1/4	G1/4	0911 00 13	11	17	11	0.038
R3/8	G3/8	0911 00 17	11.5	20	11.5	0.051
R1/2	G1/2	0911 00 21	14	25	14	0.105

0915 Equal Tee, Female BSPP and Metric Thread

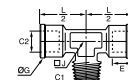
Nickel-plated brass



C		E	G	H	J	L/2	Kg
M5x0.8	0915 00 19	5	8	11	9	11	0.010
G1/8	0915 00 10	8	13	18.5	10	18.5	0.021
G1/4	0915 00 13	11	17	22.5	12	22.5	0.042
G3/8	0915 00 17	11.5	21	25.5	15	25.5	0.062
G1/2	0915 00 21	14	26	30	19	30	0.097
G3/4	0915 00 27	16.5	32	35.5	22	35.5	0.145
G1	0915 00 34	18	38.5	40.5	28	40.5	0.238

0916 Equal Stud Branch Tee, Male BSPT/Female BSPP Thread

Nickel-plated brass

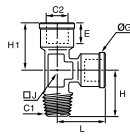


C1	C2		E	G	H	J	L/2	Kg
R1/8	G1/8	0916 00 10	8	13	17	10	18	0.019
R1/4	G1/4	0916 00 13	11	17	22.5	12	22.5	0.038
R3/8	G3/8	0916 00 17	11.5	21	25.5	15	25.5	0.058
R1/2	G1/2	0916 00 21	14	26	30	19	30	0.091
R3/4	G3/4	0916 00 27	16.5	32	34.5	22	35	0.139

Nickel-Plated Brass Adaptors

0917 Equal Stud Run Tee, Female BSPP/Male BSPT Thread

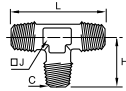
Nickel-plated brass



C1	C2		E	G	H	H1	J	L	Kg
R1/8	G1/8	0917 00 10	8	13	17	18.5	10	18.5	0.019
R1/4	G1/4	0917 00 13	11	17	22.5	22.5	12	22.5	0.038
R3/8	G3/8	0917 00 17	11.5	21	25.5	25.5	15	25.5	0.058
R1/2	G1/2	0917 00 21	14	26	30	30	19	30	0.089
R3/4	G3/4	0917 00 27	16.5	32	34.5	35.5	22	35.5	0.136

0927 Equal Tee, Male BSPT Thread

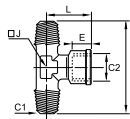
Nickel-plated brass



C		H	J	L	Kg
R1/8	0927 00 10	17	10	34	0.013
R1/4	0927 00 13	22.5	12	45	0.032
R3/8	0927 00 17	25.5	15	51	0.056
R1/2	0927 00 21	30	19	60	0.079
R3/4	0927 00 27	34.5	22	69	0.130

0928 Equal Stud Branch Tee, Male BSPT/ Female BSPP Thread

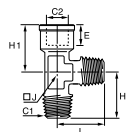
Nickel-plated brass



C1	C2		E	H	J	L	Kg
R1/8	G1/8	0928 00 10	8	34	10	18.5	0.016
R1/4	G1/4	0928 00 13	11	45	12	22.5	0.035
R3/8	G3/8	0928 00 17	11.5	51	15	25.5	0.053
R1/2	G1/2	0928 00 21	14	60	19	30	0.086
R3/4	G3/4	0928 00 27	16.5	69	22	35.5	0.236

0932 Equal Stud Run Tee, Male BSPT/Female BSPP Thread

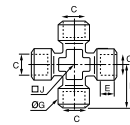
Nickel-plated brass



C1	C2		E	H	H1	J	L	Kg
R1/8	G1/8	0932 00 10	8	17	18.5	10	17	0.016
R1/4	G1/4	0932 00 13	11	22.5	22.5	12	22.5	0.035
R3/8	G3/8	0932 00 17	11.5	25.5	25.5	15	25.5	0.053
R1/2	G1/2	0932 00 21	14	30	30	19	30	0.091
R3/4	G3/4	0932 00 27	16.5	34.5	35.5	22	34.5	0.080

0908 Equal Cross, Female BSPP Thread

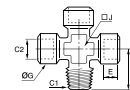
Nickel-plated brass



C		E	G	H	J	Kg
G1/8	0908 00 10	8	13	21	10	0.038
G1/4	0908 00 13	11	17	25.5	13	0.074
G3/8	0908 00 17	11.5	21	28	17	0.109
G1/2	0908 00 21	14	26	33.5	21	0.186

0909 Equal Cross, Male BSPT/Female BSPP Thread

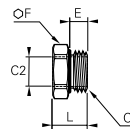
Nickel-plated brass



C1	C2		E	G	H	J	Kg
R1/8	G1/8	0909 00 10	8	13	18.5	10	0.034
R1/4	G1/4	0909 00 13	11	17	23.5	13	0.069
R3/8	G3/8	0909 00 17	11.5	21	26	17	0.098
R1/2	G1/2	0909 00 21	14	26	31	21	0.168

0178 Reducer, Male/Female BSPP and Metric Thread

Nickel-plated brass, NBR

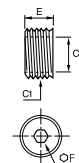


C1	C2		E	F	L	Kg
M7x1	M5x0.8	0178 55 19	5	10	12	0.005
G1/8	M5x0.8	0178 10 19	5	13	9	0.005
G1/4	G1/8	0178 13 10	5.5	16	9.5	0.006
G3/8	G1/8	0178 17 10	5.5	20	10.5	0.016
G3/8	G1/4	0178 17 13	5.5	20	10.5	0.011
G1/2	G1/4	0178 21 13	7.5	24	12.5	0.024
G1/2	G3/8	0178 21 17	7.5	24	12.5	0.016
G3/4	G1/2	0178 27 21	7.5	32	13.5	0.035

With integrated O-ring seal

0903 Reducer, Male/Female BSPP Thread

Nickel-plated brass



C1	C2		E	F	Kg
G1/4	G1/8	0903 10 13	8	6	0.004
G3/8	G1/4	0903 13 17	9	8	0.007
G1/2	G3/8	0903 17 21	10	10	0.011
G3/4	G1/2	0903 21 27	14	12	0.023
G1	G3/4	0903 27 34	20	17	0.038

Nickel-Plated Brass Adaptors

0904 Reducer, Male BSPT/Female BSPP Thread

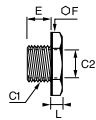
Nickel-plated brass



C1	C2		F	L	Kg
R1/4	G1/8	0904 10 13	14	16	0.010
R3/8	G1/8	0904 10 17	17	16.5	0.020
R1/2	G1/8	0904 10 21	22	19.5	0.035
R3/8	G1/4	0904 13 17	17	16.5	0.015
R1/2	G1/4	0904 13 21	22	19.5	0.031
R1/2	G3/8	0904 17 21	22	19.5	0.024
R3/4	G3/8	0904 17 27	27	23	0.056
R3/4	G1/2	0904 21 27	27	23	0.045
R1	G1/2	0904 21 34	34	27	0.101
R1	G3/4	0904 27 34	34	27	0.074

0905 Reducer, Male BSPP/Female BSPP and Metric Thread

Nickel-plated brass

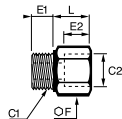


C1	C2		E	F	L	Kg
G1/8	M5x0.8	0905 19 10	6	14	4.5	0.008
G1/4	G1/8	0905 10 13	8	17	5	0.011
	G1/8	0905 10 17	9	19	5	0.019
G3/8	G1/4	0905 13 17	9	19	5	0.013
	G1/4	0905 13 21	10	24	5.5	0.031
G1/2	G3/8	0905 17 21	10	24	5.5	0.022
	G3/8	0905 17 27	11	30	6.5	0.055
G3/4	G1/2	0905 21 27	11	30	6.5	0.041

*Please contact us for detailed drawings of external thread.

0906 Increaser, Male BSPP and Metric/Female BSPP Thread

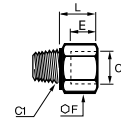
Nickel-plated brass



C1	C2		E1	E2	F	L	Kg
M5x0.8	G1/8	0906 10 19	4	8	14	10.5	0.010
	G1/8	0906 00 10	6	8	14	10.5	0.011
G1/8	G1/4	0906 10 13	6	11	17	13.5	0.017
	G3/8	0906 10 17	6	11.5	22	14.5	0.029
	G1/4	0906 00 13	8	11	17	13.5	0.019
G1/4	G3/8	0906 13 17	8	11.5	22	14.5	0.032
	G1/2	0906 13 21	8	14	24	18	0.037
G3/8	G3/8	0906 00 17	9	11.5	22	14.5	0.035
	G1/2	0906 17 21	9	14	24	18	0.038
G1/2	G1/2	0906 00 21	10	14	26	20	0.053

0933 Increaser, Male BSPT/Female BSPP Thread

Nickel-plated brass



C1	C2		F	L	Kg
R1/8	G1/8	0933 00 10	14	10	0.011
R1/4	G1/4	0933 00 13	17	13.5	0.020
R3/8	G3/8	0933 00 17	22	14.5	0.037
R1/2	G1/2	0933 00 21	26	18	0.058
R1/8	G1/4	0933 10 13	17	13.5	0.017
R1/4	G3/8	0933 13 17	22	14.5	0.034
R1/4	G1/2	0933 13 21	24	18	0.038
R3/8	G1/2	0933 17 21	24	18	0.041
R1/2	G3/4	0933 21 27	32	23.5	0.080

0907 Equal Extended Adaptor, Male/Female BSPP Thread

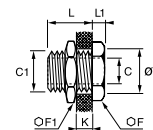
Nickel-plated brass



C		E	F	L	Kg
G1/8	0907 00 10	6	14	16	0.015
	0907 00 10 01	6	14	36	0.030
G1/4	0907 00 13	8	17	27	0.031
	0907 00 13 01	8	17	43	0.047

0920 Bulkhead Connector, Female BSPP and Metric Thread

Nickel-plated brass



C	C1		F	F1	K max	L	L1	ØT	Kg
M5x0.8	M10x1	0920 00 19	14	14	7	10.5	3.5	10.5	0.012
G1/8	M16x1.5	0920 00 10	19	22	10	14	4	16.5	0.030
G1/4	M20x1.5	0920 00 13	24	27	16	21	4	20.5	0.057
G3/8	M26x1.5	0920 00 17	30	32	15	21	5	26.5	0.096
G1/2	M28x1.5	0920 00 21	32	36	21	27	6	28.5	0.115

Nickel-Plated Brass Adaptors

0900 Equal and Unequal Adaptor, Male BSPT Thread

Nickel-plated brass



C1	C2		F	L	Kg
R1/8	R1/8	0900 00 10	12	20.5	0.009
R1/8	R1/4	0900 10 13	14	24	0.014
	R3/8	0900 10 17	17	24.5	0.020
R1/4	R1/4	0900 00 13	14	27	0.017
	R3/8	0900 13 17	17	27.5	0.026
R3/8	R1/2	0900 13 21	22	30.5	0.046
	R3/8	0900 00 17	17	28	0.025
R1/2	R1/2	0900 00 21	22	33.5	0.042
	R3/4	0900 21 27	27	37	0.084
R3/4	R3/4	0900 00 27	27	39.5	0.079
	R1	0900 27 34	34	42.5	0.145
R1	R1	0900 00 34	34	45.5	0.153

0901 Equal and Unequal Adaptor, Male BSPP and Metric Thread

Nickel-plated brass



C1	C2		E	E1	F	L	Kg
M5x0.8	M5x0.8	0901 00 19	4	4	8	11.5	0.002
	G1/8	0901 19 10	4	6	14	14.5	0.008
G1/8	G1/8	0901 00 10	6	6	14	16.5	0.009
	G1/4	0901 10 13	6	8	17	19	0.016
G1/4	G1/4	0901 00 13	8	8	17	21	0.019
	G3/8	0901 13 17	8	9	19	22	0.023
G3/8	G1/2	0901 13 21	8	10	24	23.5	0.036
	G3/8	0901 00 17	9	9	19	23	0.025
G1/2	G1/2	0901 17 21	9	10	24	24.5	0.038
	G1/2	0901 00 21	10	10	24	25.5	0.040

0192 Unequal Straight Adaptor, Male BSPT/BSPP Thread

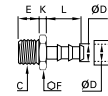
Nickel-plated brass



C1	C2		E	F	L	Kg
R1/8	G1/4	0192 10 13	9.5	17	23.5	0.019
R1/4	G1/4	0192 13 13	9.5	17	27.5	0.024
R1/4	G1/2	0192 13 21	11	27	31.5	0.066
R3/8	G1/4	0192 17 13	9.5	17	28	0.025
R3/8	G1/2	0192 17 21	11	27	31.5	0.060
R1/2	G1/2	0192 21 21	11	27	34	0.061

0191 Tailpiece Adaptor for Rubber Hose, Male BSPP Thread

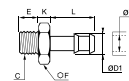
Nickel-plated brass



ØD	ØD1	C		E	F	K	L	Kg
4	6	G1/4	0191 04 13	9.5	17	5	22.5	0.019
	9	G1/4	0191 07 13	9.5	17	5	22.5	0.022
7	9	G1/2	0191 07 21	11	27	7	29.5	0.058
	12.2	G1/4	0191 10 13	9.5	17	5	22.5	0.020
10	12.2	G1/2	0191 10 21	11	27	7	29.5	0.060
	15.2	G1/4	0191 13 13	9.5	17	5	22.5	0.022
13	15.2	G1/2	0191 13 21	11	27	7	29.5	0.059
	16	G1/2	0191 16 21	11	27	7	36.5	0.067

0931 Tailpiece Adaptor for Rubber Hose, Male BSPP Thread

Nickel-plated brass

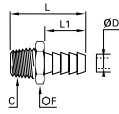


ØD	ØD1	C		E	F	K	L	Kg
6	7	G1/8	0931 06 10	6	12	4.5	19	0.009
	7	G1/4	0931 06 13	8	14	5	19	0.013
	8	G1/8	0931 07 10	6	12	4	19	0.009
7	8	G1/4	0931 07 13	8	14	5	19	0.014
	8	G3/8	0931 07 17	9	19	5	19	0.021
8	9	G1/8	0931 08 10	6	12	4	19	0.009
	9	G1/4	0931 08 13	8	14	5	19	0.014
	9	G3/8	0931 08 17	9	19	5	19	0.022
10	12	G1/4	0931 10 13	8	14	5	19	0.016
	12	G3/8	0931 10 17	9	19	5	19	0.024
15	12	G1/2	0931 10 21	10	22	6	20	0.031
	17	G3/8	0931 15 17	9	19	6	24	0.030
18	17	G1/2	0931 15 21	10	22	6	24	0.036
	20	G1/2	0931 18 21	10	22	6	24	0.040

Nickel-Plated Brass Adaptors

0934 Tailpiece Adaptor for Polymer Tubing, Male BSPT Thread

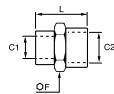
Nickel-plated brass



ØD	C		F	L	L1	Kg
6	R1/8	0934 06 10	12	31.5	19	0.009
	R1/4	0934 06 13	14	35	19	0.014
7	R1/8	0934 07 10	12	31.5	19	0.009
	R1/4	0934 07 13	14	35	19	0.014
8	R1/8	0934 08 10	12	31.5	19	0.010
	R1/4	0934 08 13	14	35	19	0.015
9	R1/4	0934 09 13	14	35	19	0.015
	R3/8	0934 09 17	17	35.5	19	0.021
	R1/2	0934 09 21	22	38.5	19	0.032
10	R1/8	0934 10 10	12	32.5	20	0.011
	R1/4	0934 10 13	14	36	20	0.016
	R3/8	0934 10 17	17	36.5	20	0.021
	R1/2	0934 10 21	22	39.5	20	0.033
12	R1/4	0934 12 13	14	36	20	0.016
	R3/8	0934 12 17	17	36.5	20	0.021
14	R1/2	0934 12 21	22	39.5	20	0.033
	R3/8	0934 14 17	17	38.5	22	0.025
16	R1/2	0934 14 21	22	41.5	22	0.036
	R3/8	0934 16 17	17	38.5	22	0.026
17	R1/2	0934 16 21	22	41.5	22	0.037
	R3/4	0934 16 27	27	45	22	0.055
18	R1/2	0934 17 21	22	43.5	24	0.041
	R3/8	0934 18 17	19	40.5	24	0.035
18	R1/2	0934 18 21	22	43.5	24	0.044
	R3/4	0934 18 27	27	47	24	0.064
20	R1/2	0934 20 21	22	43.5	24	0.041

0902 Equal and Unequal Adaptor, Female BSPP and Metric Thread

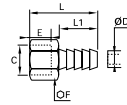
Nickel-plated brass



C1	C2		F	L	Kg
M5x0.8	M5x0.8	0902 00 19	8	11	0.003
	G1/8	0902 19 10	14	13.5	0.009
G1/8	G1/8	0902 00 10	14	15	0.010
	G1/4	0902 10 13	17	19	0.017
	G3/8	0902 10 17	22	20	0.028
G1/4	G1/4	0902 00 13	17	22	0.019
	G3/8	0902 13 17	22	22.5	0.031
G3/8	G1/2	0902 13 21	26	24	0.033
	G3/8	0902 00 17	22	23	0.035
G1/2	G1/2	0902 17 21	24	26	0.036
	G1/2	0902 00 21	26	28	0.049
G3/4	G3/4	0902 21 27	32	30	0.078
	G3/4	0902 00 27	32	32	0.076

0935 Tailpiece Adaptor for Polymer Tubing, Male BSPP Thread

Nickel-plated brass



ØD	C		E	F	L	L1	Kg
6	G1/8	0935 06 10	8	12	28.5	19	0.007
8	G1/4	0935 08 13	11	15	31.5	19	0.012
12	G1/2	0935 12 21	14.5	24	36	20	0.033

0950MB Maintenance Kit, BSPP Thread

Nickel-plated brass



	H	L	L1	Kg
0950 00 00 02	81	413	330	3.500

A selection of 250 references covering the most-used products

0950M0 Maintenance Kit, BSPT Thread

Nickel-plated brass

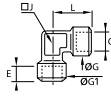


	H	L	L1	Kg
0950 00 00 03	81	413	330	3.500

A selection of 216 references covering the most-used products

0143 Equal Threaded Elbow, Female BSPP Thread

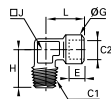
Brass



C	E	G	J	L	Kg
G1/8 0143 10 10	7.5	16.5	12	22.5	0.043
G1/4 0143 13 13	11	18.5	15	26.5	0.056
G3/8 0143 17 17	11.5	23.5	19	31.5	0.102
G1/2 0143 21 21	15	28	23	34.5	0.150
G3/4 0143 27 27	16.5	34	27	43.5	0.248

0144 Equal Stud Elbow, Male BSPT/Female BSPP Thread

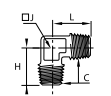
Brass



C1	C2	E	G	H	J	L	Kg	
R1/8	G1/8	0144 10 10	7.5	16.5	23	12	22.5	0.036
R1/4	G1/4	0144 13 13	11	18.5	26	15	26.5	0.056
R3/8	G3/8	0144 17 17	11.5	23.5	30	19	31.5	0.086
R1/2	G1/2	0144 21 21	15	28	35	23	34.5	0.139
R3/4	G3/4	0144 27 27	16.5	34	40	27	43.5	0.227

0152 Equal Elbow, Male BSPT Thread

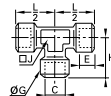
Brass



C	H	J	L	Kg
R1/8 0152 10 10	19.5	10	19.5	0.018
R1/4 0152 13 13	25	15	25	0.047
R3/8 0152 17 17	26.5	15	26.5	0.054
R1/2 0152 21 21	31.5	19	31.5	0.089
R3/4 0152 27 27	35.5	23	35.5	0.153

0145 Equal Tee, Female BSPP Thread

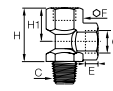
Brass



C	E	G	H	J	L/2	Kg
G1/8 0145 10 10	7.5	16.5	22.5	12	22.5	0.057
G1/4 0145 13 13	11	18.5	26.5	15	26.5	0.078
G3/8 0145 17 17	11.5	23.5	31	19	31	0.126
G1/2 0145 21 21	15	28	38	23	38	0.244
G3/4 0145 27 27	16.5	34	47.5	27	47.5	0.370

MR0434 Stud Run Tee, Female BSPP/Male BSPT Thread

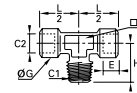
Brass



C	C1	E	F	H	H1	Kg	
R1/8	G1/8	1/8MR0434B	8	14	32	15	0.029
R1/4	G1/4	1/4MR0434B	10	17	40	18	0.050
R1/2	G1/2	1/2MR0434B	14	30	63	31	0.254

0158 Stud Branch Tee, Male BSPT/Female BSPP Thread

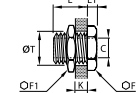
Brass



C1	C2	E	G	H	J	L/2	Kg	
R1/8	G1/8	0158 10 10	7.5	16.5	21.5	12	21.5	0.048
R1/4	G1/4	0158 13 13	11	18.5	26	15	26	0.072
R3/8	G3/8	0158 17 17	11.5	23.5	30	19	30	0.120
R1/2	G1/2	0158 21 21	15	28	36	23	36	0.205
R3/4	G3/4	0158 27 27	16.5	34	44	27	44	0.310

0117 Equal Bulkhead Coupling, Female BSPP and Metric Thread

Brass

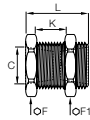


C	F	F1	K max	L	L1	ØT	ØF1	Kg
M5x0.8 0117 00 19	14	14	7	10.5	3.5	10.5	0.012	
G1/8 0117 00 10	19	22	9	14	4	16.5	0.032	
G1/4 0117 00 13	24	27	15	21	4	20.5	0.056	
G3/8 0117 00 17	30	32	14	21	5	26.5	0.096	
G1/2 0117 00 21	32	36	20	27	6	28.5	0.115	
G3/4 0117 00 27	41	41	22.5	30	6	34.5	0.161	
G1 0117 00 34	46	50	24.5	34	8	42.5	0.269	
G1 1/4 0117 00 42	55	55	29.5	39	8	49.5	0.295	
G1 1/2 0117 00 49	60	60	29.5	39	8	54.5	0.303	

Delivered with not assembled nuts

207ACBH Bulkhead Union, Female NPTF Thread

Brass



C		F	F1	K	L	Kg
NPTF1/8	207ACBH-2	78	1516	20	38	0.072
NPTF1/4	207ACBH-4	1	1.2	18	38	0.099
NPTF3/8	207ACBH-6	1.2	1.1	13	34	0.127
NPTF1/2	207ACBH-8	1.1	1.4	16	38	0.155

*F and F1 in Inch dimensions

0155 Equal Connector, Female BSPP Thread

Brass



C	C1	F	L	Kg
G1/8	0155 10 10	14	17	0.014
G1/4	G1/8 0155 10 13	17	18	0.022
G1/4	0155 13 13	17	24	0.025
G3/8	0155 17 17	22	25	0.045
G1/2	0155 21 21	27	32	0.084
G3/4	0155 27 27	32	35	0.108
G1	0155 34 34	41	36	0.194

207P Equal Adaptor, Female NPTF Thread

Brass

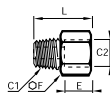


C		F	L	Kg
NPTF1/8	207P-2	916	19	0.015
NPTF1/4	207P-4	34	28	0.041
NPTF3/8	207P-6	78	28	0.049
NPTF1/2	207P-8	1.1	38	0.089

*F in Inch dimensions

0164 Adaptor, Male NPT/Female BSPP Thread

Brass

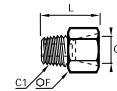


C1	C2	E	F	L	Kg
NPT1/8	G1/8 0164 11 10	7.5	14	20	0.015
NPT1/4	G1/4 0164 14 13	11	17	27.5	0.028
NPT3/8	G3/8 0164 18 17	11.5	22	28.5	0.044
NPT1/2	G1/2 0164 22 21	15	27	36.5	0.081
NPT3/4	G3/4 0164 28 27	16.5	32	38.5	0.110

Adaptor for female socket of quick-acting mould couplers

0167 Adaptor, Male BSPT/Female NPT Thread

Brass

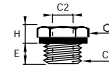


C1	C2		F	L	Kg
R1/8	NPT1/8	0167 10 11	14	21	0.016
R1/4	NPT1/4	0167 13 14	17	28.5	0.029
R3/8	NPT3/8	0167 17 18	22	29.5	0.047
R1/2	NPT1/2	0167 21 22	27	37.5	0.088
R3/4	NPT3/4	0167 27 28	32	39.5	0.119

Adaptor for female socket of quick-acting mould couplers

0168 Reducer, Male BSPP/Female BSPP and Metric Thread

Brass, technical polymer



C1	C2		E	F	H	Kg
G1/8	M5x0.8	0168 10 19	7	14	6	0.009
G1/4	M5x0.8	0168 13 19	7	17	7	0.017
G1/4	G1/8	0168 13 10	7	17	7	0.011
G3/8	G1/8	0168 17 10	9	19	6	0.019
G3/8	G1/4	0168 17 13	9	19	6	0.012
G1/2	G1/8	0168 21 10	11	24	10	0.052
G1/2	G1/4	0168 21 13	11	24	10	0.042
G1/2	G3/8	0168 21 17	11	24	10	0.030
G3/4	G1/4	0168 27 13	11	32	12	0.098
G3/4	G3/8	0168 27 17	11	32	12	0.084
G3/4	G1/2	0168 27 21	11	32	12	0.063

With fitted captive seal

0163 Unequal Reducer, Male BSPT/Female BSPP Thread

Brass



C1	C2		F	L	Kg
R1/4	G1/8	0163 13 10	14	16	0.009
R3/8	G1/8	0163 17 10	17	16.5	0.020
R3/8	G1/4	0163 17 13	17	16.5	0.012
R1/2	G1/8	0163 21 10	22	21	0.048
R1/2	G1/4	0163 21 13	22	21	0.038
R1/2	G3/8	0163 21 17	22	21	0.025
R3/4	G1/4	0163 27 13	27	24	0.085
R3/4	G3/8	0163 27 17	27	24	0.069
R3/4	G1/2	0163 27 21	27	24	0.046
R1	G3/4	0163 34 27	36	27	0.085

209P Reducer, Male/Female NPTF Thread

Brass



C	C1		F	L	Kg
NPTF1/4	NPTF1/8	209P-4-2	916	19	0.012
NPTF3/8	NPTF1/8	209P-6-2	1116	18	0.024
NPTF3/8	NPTF1/4	209P-6-4	1116	19	0.179
NPTF1/2	NPTF1/8	209P-8-2	78	25	0.059
NPTF1/2	NPTF1/4	209P-8-4	78	26	0.048
NPTF1/2	NPTF3/8	209P-8-6	78	26	0.033
NPTF3/4	NPTF1/4	209P-12-4	1.2	25	0.093
NPTF3/4	NPTF3/8	209P-12-6	1.2	26	0.080
NPTF3/4	NPTF1/2	209P-12-8	1.2	26	0.057

*F in Inch dimensions

0169 Increaser, Male/Female BSPP Thread

Brass, technical polymer

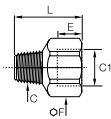


C1	C2		E1	E2	F	L	Kg
G1/8	G1/4	0169 10 13	5	11	17	16	0.019
G1/8	G3/8	0169 10 17	5	14	22	19.5	0.038
G1/4	G3/8	0169 13 17	7	14	22	19.5	0.041
G1/4	G1/2	0169 13 21	7	14.5	27	20.5	0.060
G3/8	G1/2	0169 17 21	8	14.5	27	20.5	0.062
G3/8	G3/4	0169 17 27	8	15.5	32	22	0.082
G1/2	G3/4	0169 21 27	9.5	15.5	32	22.5	0.087

With fitted captive seal

FG43 Increaser, Female BSPP/Male BSPT Thread

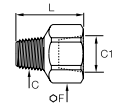
Brass



C	C1		E	F	L	Kg
R1/8	G1/4	1/4X1/8FG43B	11	17	21.5	0.019
R1/8	G3/8	3/8X1/8FG43B	12	22	25	0.035
R1/4	G3/8	3/8X1/4FG43B	12	22	28	0.040
R1/2	G3/4	3/4X1/2FG43B	16	32	39	0.107

222P Reducer, Female/Male NPTF Thread

Brass



C	C1		F	L	Kg
NPTF1/8	NPTF1/4	222P-4-2	34	27	0.031
NPTF1/4	NPTF3/8	222P-6-4	78	32	0.046
NPTF3/8	NPTF1/2	222P-8-6	1116	37	0.082

*F in Inch dimensions

0121 Equal/Unequal Straight Male Adaptor, Male BSPT Thread

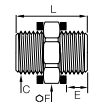
Brass



C1	C2		F	L	Kg
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	R1/4	0121 13 13	14	27	0.020
R3/8	R1/8	0121 17 10	17	24	0.021
R3/8	R1/4	0121 17 13	17	27.5	0.026
R3/8	R3/8	0121 17 17	17	28	0.026
R1/2	R1/8	0121 21 10	22	28.5	0.041
R1/2	R1/4	0121 21 13	22	32	0.045
R1/2	R3/8	0121 21 17	22	32.5	0.045
R1/2	R1/2	0121 21 21	22	36	0.052
R3/4	R1/4	0121 27 13	27	35	0.078
R3/4	R3/8	0121 27 17	27	35.5	0.077
R3/4	R1/2	0121 27 21	27	39	0.084
R3/4	R3/4	0121 27 27	27	40	0.090
R1	R3/8	0121 34 17	36	38.5	0.127
R1	R1/2	0121 34 21	36	42	0.135
R1	R3/4	0121 34 27	36	43	0.144
R1	R1	0121 34 34	36	46	0.152
R1 1/4	R1/2	0121 42 21	46	46.5	0.219
R1 1/4	R3/4	0121 42 27	46	47.5	0.229
R1 1/4	R1	0121 42 34	46	50.5	0.234
R1 1/4	R1 1/4	0121 42 42	46	53	0.230

FF44 Equal Adaptor, Male BSPP Thread

Brass



C		E	F	L	Kg
G1/8	1/8FF44B	6	14	19	0.018
G1/4	1/4FF44B	7	17	22	0.022
G3/8	3/8FF44B	8	22	24	0.040
G1/2	1/2FF44B	10	27	31	0.077

These parts are supplied with two copper seals.

0121 Equal Adaptor, Male NPT/BSPT Thread

Brass



C1	C2		F	L	Kg
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	0.089

216P Equal Adaptor, Male NPTF Thread

Brass

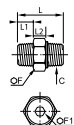


C		F	L	Kg
NPTF1/8	216P-2	716	25	0.011
NPTF1/4	216P-4	916	35	0.025
NPTF3/8	216P-6	1116	36	0.035
NPTF1/2	216P-8	78	46	0.065

*F in Inch dimensions

0929 Equal 3-Piece Adaptor, Male BSPT Thread without seal

Brass



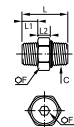
C		F	F1	L	L1	L2	Kg
R1/8	0929 00 10	15	5	27	9	8.5	0.017
R1/4	0929 00 13	19	6	33.5	11.5	9.5	0.035
R3/8	0929 00 17	22	8	36.5	13	10	0.055
R1/2	0929 00 21	27	12	45	15.5	12	0.088

This connection accessory makes assembly much easier thanks to its 3-piece design. To join 2 threaded components, simply push together and tighten the sleeve nut, thus reducing installation time.

Maximum working pressure: 50 bar.
Working temperature: -10° to +80°C.

0929..1 Equal 3-Piece Adaptor, Male BSPT Thread with seal

Brass, NBR



C		F	F1	L	L1	L2	Kg
R1/8	0929 01 10	15	5	27	7.5	8.5	0.017
R1/4	0929 01 13	19	6	33.5	11	9.5	0.035
R3/8	0929 01 17	22	8	36.5	11.5	10	0.055
R1/2	0929 01 21	27	12	45	14	12	0.088
R3/4	0929 01 27	36	14	52.5	16.5	17	0.199
R1	0929 01 34	46	19	63.5	19	20	0.369

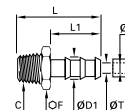
This connection accessory makes assembly much easier thanks to its 3-piece design. To join 2 threaded components, simply push together and tighten the sleeve nut, thus reducing installation time.

Maximum working pressure: 50 bar.

Working temperature: -10° to +80°C. Supplied with seal

0123 Tailpiece Adaptor for Rubber Hose, Male BSPT Thread

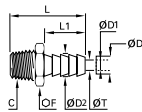
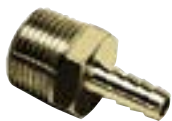
Brass




ØD	ØD1	C		F	L	L1	ØT	Kg
4	6	R1/8	0123 04 10	10	34	22.5	3.3	0.008
6	8	R1/8	0123 06 10	10	34	22.5	5	0.009
	9	R1/8	0123 07 10	10	34	22.5	5	0.009
7	9	R1/4	0123 07 13	14	38.5	22.5	6	0.018
	9	R3/8	0123 07 17	17	39	22.5	6	0.024
	12.2	R1/8	0123 10 10	13	34	22.5	5	0.014
10	12.2	R1/4	0123 10 13	14	38.5	22.5	7	0.020
	12.2	R3/8	0123 10 17	17	39	22.5	9.5	0.023
12	14	R3/8	0123 12 17	17	46	29.5	11	0.026
	15	R1/4	0123 13 13	17	45.5	29.5	7	0.027
13	15	R3/8	0123 13 17	17	46	29.5	11	0.026
	15	R1/2	0123 13 21	22	50.5	29.5	12	0.045
	18.5	R3/8	0123 16 17	19	54.5	38	11	0.039
16	18.5	R1/2	0123 16 21	22	59	38	14	0.053
	18.5	R3/4	0123 16 27	27	62	38	15	0.084
	21.5	R3/8	0123 19 17	22	54.5	38	11	0.047
19	21.5	R1/2	0123 19 21	22	59	38	14	0.057
	21.5	R3/4	0123 19 27	27	62	38	18	0.083
	26.7	R3/4	0123 25 27	27	62	38	18	0.078
25	27	R1	0123 25 34	36	65	38	24	0.124
32	34.5	R1	0123 32 34	36	70	43	24	0.144

0136 Tailpiece Adaptor for Flexible Tubing, Male BSPT Thread

Brass

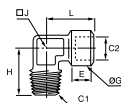


ØD	ØD1	ØD2	C		F	L	L1	ØT	Kg
6	4	4.3	R1/8	0136 06 10	10	26.5	15	2	0.006
	4	4.3	R1/4	0136 06 13	14	31	15	2	0.015
	4	4.3	R3/8	0136 06 17	17	31.5	15	2	0.020
8	6	6.4	R1/8	0136 08 10	10	26.5	15	4	0.007
	6	6.4	R1/4	0136 08 13	14	31	15	4	0.015
	6	6.4	R3/8	0136 08 17	17	31.5	15	4	0.020
10	8	8.4	R1/4	0136 10 13	14	31	15	6	0.016
	8	8.4	R3/8	0136 10 17	17	31.5	15	6	0.020
	8	8.4	R1/2	0136 10 21	22	36	15	6	0.039
12	10	10.7	R1/4	0136 12 13	14	36	20	7	0.018
	10	10.7	R3/8	0136 12 17	17	36.5	20	8	0.022
	10	10.7	R1/2	0136 12 21	22	41	20	8	0.040
14	12	12.7	R1/4	0136 14 13	14	36	20	7	0.019
	12	12.7	R3/8	0136 14 17	17	36.5	20	10	0.023
	12	12.7	R1/2	0136 14 21	22	41	20	10	0.041
	12	12.7	R3/4	0136 14 27	27	44	20	10	0.072
16	13	13.7	R3/8	0136 16 17	17	36.5	20	11	0.023
	13	13.7	R1/2	0136 16 21	22	41	20	11	0.040
	13	13.7	R3/4	0136 16 27	27	44	20	11	0.071

Stainless Steel Adaptors

1844 Equal Stud Elbow, Male BSPT/Female BSPP Thread

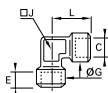
Stainless steel 316L



C1	C2		E	G	H	J	L	Kg
R1/8	G1/8	1844 10 10	7.5	15	20.5	10	22.5	0.022
R1/4	G1/4	1844 13 13	12	18.5	27.5	12	26.5	0.045
R3/8	G3/8	1844 17 17	12	23.5	28	14	30	0.070
R1/2	G1/2	1844 21 21	15	28	38	18	38	0.120
R3/4	G3/4	1844 27 27	16.5	33	41	22	44.5	0.160
R1	G1	1844 34 34	19	40	48	32	50	0.311

1843 Equal Elbow, Female BSPP Thread

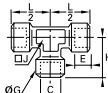
Stainless steel 316L



C		E	G	J	L	Kg
G1/8	1843 10 10	7.5	17.5	12	22.5	0.041
G1/4	1843 13 13	11	18.5	15	26.5	0.053
G3/8	1843 17 17	11.5	23.5	18	29	0.075
G1/2	1843 21 21	15	28	23	38	0.158
G3/4	1843 27 27	16.5	33	22	43.5	0.209
G1	1843 34 34	19	40	32	52	0.465

1845 Equal Tee, Female BSPP Thread

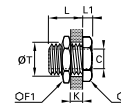
Stainless steel 316L



C		E	G	H	J	L/2	Kg
G1/8	1845 10 10	7.5	17.5	22.5	12	22.5	0.057
G1/4	1845 13 13	11	18.5	26.5	15	26.5	0.074
G3/8	1845 17 17	11.5	23.5	29	18	29	0.103
G1/2	1845 21 21	15	28	38	23	38	0.217
G3/4	1845 27 27	16.5	33	43.5	22	43.5	0.301
G1	1845 34 34	19	40	50	32	50	0.447

1817 Equal Bulkhead Adaptor, Female BSPP Thread

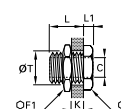
Stainless steel 316L



C		F	F1	K max	L	L1	ØT min	Kg
G1/8	1817 00 10	19	22	9	14	4	16.5	0.031
G1/4	1817 00 13	24	27	15	21	4	20.5	0.053
G3/8	1817 00 17	30	32	14	21	5	26.5	0.089
G1/2	1817 00 21	32	36	20	27	6	28.5	0.108
G3/4	1817 00 27	41	41	22.5	30	6	34.5	0.152
G1	1817 00 34	46	50	24.5	34	8	42.5	0.253

1871 Equal Bulkhead Adaptor, Female NPT Thread

Stainless steel 316L



C		F	F1	K max	L	L1	ØT min	Kg
NPT1/8	1871 00 11	19	22	9	14	5	16.5	0.031
NPT1/4	1871 00 14	24	22	9	14	5	20.5	0.060
NPT3/8	1871 00 18	30	32	18	23	5	26.5	0.096
NPT1/2	1871 00 22	32	36	22	29	6	28.5	0.119

1855 Equal Connector, Female BSPP Thread

Stainless steel 316L



C		F	L	Kg
G1/8	1855 10 10	14	17	0.013
G1/4	1855 13 13	17	24	0.024
G3/8	1855 17 17	22	25	0.042
G1/2	1855 21 21	27	32	0.077
G3/4	1855 27 27	14	35	0.102
G1	1855 34 34	41	40	0.202

1870 Equal Connector, Female NPT Thread

Stainless steel 316L

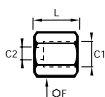


C		F	L	Kg
NPT1/8	1870 11 11	14	19	0.015
NPT1/4	1870 14 14	17	28	0.029
NPT3/8	1870 18 18	22	28	0.050
NPT1/2	1870 22 22	27	35	0.092

Stainless Steel Adaptors

1862 Reducer Connector, Female BSPP Thread

Stainless steel 316L



C1	C2		F	L	Kg
G1/4	G1/8	1862 13 10	17	20.5	0.024
G3/8	G1/8	1862 17 10	22	21	0.043
	G1/4	1862 17 13	22	24.5	0.048
G1/2	G1/4	1862 21 13	27	28.5	0.086
	G3/8	1862 21 17	27	29	0.081
G3/4	G1/2	1862 27 21	32	39.5	0.148
G1	G3/4	1862 34 27	41	45	0.282

1863 Reducer, Male BSPT/Female BSPP Thread

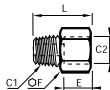
Stainless steel 316L



C1	C2		F	L	Kg
R1/4	G1/8	1863 13 10	14	16	0.008
R3/8	G1/8	1863 17 10	17	16.5	0.019
	G1/4	1863 17 13	17	16.5	0.011
R1/2	G1/4	1863 21 13	22	21	0.035
	G3/8	1863 21 17	22	21	0.023
R3/4	G1/2	1863 27 21	27	25.5	0.045
R1	G3/4	1863 34 27	36	28.5	0.084

1864 Adaptor, Male NPT/Female BSPP Thread

Stainless steel 316L



C1	C2		E	F	L	Kg
NPT1/8	G1/8	1864 11 10	7.5	14	21.5	0.015
NPT1/4	G1/4	1864 14 13	11	17	30	0.028
NPT3/8	G3/8	1864 18 17	11.5	22	31	0.044
NPT1/2	G1/2	1864 22 21	15	27	39.5	0.081

1872 Reducer, Male/Female NPT Thread

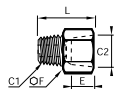
Stainless steel 316L



C1	C2		F	L	Kg
NPT1/4	NPT1/8	1872 14 11	14	16	0.010
NPT3/8	NPT1/8	1872 18 11	19	16.5	0.023
NPT3/8	NPT1/4	1872 18 14	19	16.5	0.016
NPT1/2	NPT1/4	1872 22 14	22	21	0.039
NPT1/2	NPT3/8	1872 22 18	22	21	0.027

1867 Adaptor, Male BSPT/Female NPT Thread

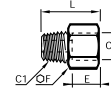
Stainless steel 316L



C1	C2		E	F	L	Kg
R1/8	NPT1/8	1867 10 11	8	14	21	0.015
R1/4	NPT1/4	1867 13 14	11.5	17	28.5	0.028
R3/8	NPT3/8	1867 17 18	12	22	29.5	0.045
R1/2	NPT1/2	1867 21 22	15.5	27	37.5	0.082

1861 Increaser, Male BSPT/Female BSPP Thread

Stainless steel 316L

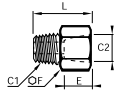


C1	C2		E	F	L	Kg
R1/8	G1/4	1861 10 13	11	17	24	0.022
R1/8	G3/8	1861 10 17	11.5	22	25	0.038
R1/4	G3/8	1861 13 17	11.5	22	28.5	0.042
R1/4	G1/2	1861 13 21	15	27	32.5	0.069
R3/8	G1/2	1861 17 21	15	27	33	0.069
R1/2	G3/4	1861 21 27	16.5	32	38	0.093
R3/4	G1	1861 27 34	19	41	43.5	0.181

Stainless Steel Adaptors

1873 Increaser, Male/Female NPT Thread

Stainless steel 316L



C1	C2		E	F	L	Kg
NPT1/8	NPT1/4	1873 11 14	14	17	25	0.024
	NPT3/8	1873 11 18	14	22	25	0.039
NPT1/4	NPT3/8	1873 14 18	14	22	28.5	0.043
	NPT1/2	1873 14 22	17.5	27	31	0.066
NPT3/8	NPT1/2	1873 18 22	17.5	27	31.5	0.066

1821 Equal and Unequal Adaptor, Male BSPT Thread

Stainless steel 316L



C1	C2		F	L	Kg
R1/8	R1/8	1821 10 10	12	19	0.009
	R1/8	1821 13 10	14	23.5	0.015
R1/4	R1/4	1821 13 13	14	27	0.019
	R1/4	1821 17 13	17	27.5	0.023
R3/8	R3/8	1821 17 17	17	28	0.024
	R3/8	1821 21 17	22	32.5	0.042
R1/2	R1/2	1821 21 21	22	36	0.049
	R1/2	1821 27 21	27	41	0.079
R3/4	R3/4	1821 27 27	27	42	0.088
	R3/4	1821 34 27	36	46	0.141
R1	R1	1821 34 34	36	48	0.147

1821 Equal Adaptor, Male NPT Thread

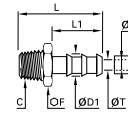
Stainless steel 316L



C		F	L	Kg
NPT1/8	1821 11 11	12	23	0.011
NPT1/4	1821 14 14	14	32	0.023
NPT3/8	1821 18 18	19	33	0.031
NPT1/2	1821 22 22	22	42	0.056
NPT3/4	1821 28 28	27	40	0.083

1823 Tailpipe Adaptor for Rubber Hose, Male BSPT Thread

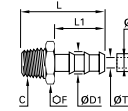
Stainless steel 316L



ØD	ØD1	C		F	L	L1	ØT	Kg
7	9	R1/8	1823 07 10	10	34	22.5	5	0.009
	9	R1/4	1823 07 13	14	38.5	22.5	6	0.017
10	12.2	R1/4	1823 10 13	14	38.5	22.5	7	0.018
	12.2	R3/8	1823 10 17	17	39	22.5	9.5	0.021
13	15	R3/8	1823 13 17	17	46	29.5	11	0.025
16	18.5	R1/2	1823 16 21	22	59	38	14	0.048

1823 Tailpipe Adaptor for Rubber Hose, Male NPT Thread

Stainless steel 316L

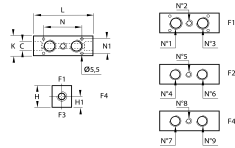


ØD	ØD1	C		F	L	L1	ØT	Kg
1/4	8.3	NPT1/8	1823 56 11	12	34	22.5	5.3	0.010
	8.3	NPT1/4	1823 56 14	14	38.5	22.5	5.3	0.016
3/8	11.7	NPT1/4	1823 60 14	14	38.5	22.5	8.5	0.018
	11.7	NPT3/8	1823 60 18	19	39	22.5	8.5	0.026

Brass & Anodised Aluminium Manifolds

0135 Manifold Block, Female BSPP Thread

Brass

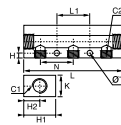


C		H	H1	K	L	N	Kg
G1/4	0135 06 13	30	13	25	70	37	0.355
G1/4	0135 09 13	30	13	25	87	54	0.409
G1/2	0135 06 21	40	16	35	86	45	0.714
G1/2	0135 09 21	40	16	35	109	68	0.900
G3/4	0135 10 27	45	21	40	122	78	1.232

This product is designed to distribute in several directions.

3311 Manifold, Female BSPP and Metric Thread

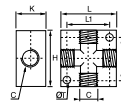
Treated aluminium



C1	C2		Number of Outlets	H	H1	H2	K	L	L1	N	ØT	Kg
G1/8	M5x0.8	3311 19 10 07	7	3.5	20	8.5	15	95	80	11	4.4	0.057
	G1/8	3311 10 13 02	2	4.5	30	15	20	61	50	30	5	0.075
	G1/8	3311 10 13 03	3	4.5	30	15	20	91	30	30	5	0.112
G1/4	G1/8	3311 10 13 04	4	4.5	30	15	20	121	60	30	5	0.165
	G1/8	3311 10 13 05	5	4.5	30	15	20	151	90	30	5	0.209
	G1/8	3311 10 13 06	6	4.5	30	15	20	181	120	30	5	0.244
	G1/4	3311 13 17 02	2	5.5	30	11	20	74	61	36	6.5	0.076
	G1/4	3311 13 17 03	3	6	30	11	20	110	36	36	6.5	0.121
G3/8	G1/4	3311 13 17 04	4	6	30	11	20	146	72	36	6.5	0.147
	G1/4	3311 13 17 05	5	6	30	11	20	182	108	36	6.5	0.212
	G1/4	3311 13 17 06	6	6	30	11	20	218	144	36	6.5	0.220

3312 Cross Manifold, Female BSPP and Metric Thread

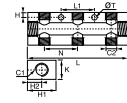
Treated aluminium



C		H	K	L	L1	N	ØT	Kg
M5x0.8	3312 00 19	20	10	20	12	12	4.5	0.008
G1/8	3312 00 10	30	16	30	23	22	4.5	0.028
G1/4	3312 00 13	40	20	40	30	27	5.5	0.061
G3/8	3312 00 17	50	25	50	38	39	6.5	0.118
G1/2	3312 00 21	50	25	50	38	39	6.5	0.101

3313 Double Manifold, Female BSPP Thread

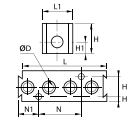
Treated aluminium



C1	C2		Number of Outlets	H	H1	H2	K	L	L1	N	ØT	Kg
	G1/8	3313 10 13 02	2x2	4.5	30	15	20	61	50	30	5	0.075
	G1/8	3313 10 13 03	2x3	4.5	30	15	20	91	30	30	5	0.115
G1/4	G1/8	3313 10 13 04	2x4	4.5	30	15	20	121	60	30	5	0.151
	G1/8	3313 10 13 05	2x5	4.5	30	15	20	151	90	30	5	0.182
	G1/4	3313 13 17 02	2x2	6	40	20	20	74	61	36	6.5	0.109
	G1/4	3313 13 17 03	2x3	6	40	20	20	110	36	36	6.5	0.179
G3/8	G1/4	3313 13 17 04	2x4	6	40	20	20	146	72	36	6.5	0.238
	G1/4	3313 13 17 05	2x5	6	40	20	20	182	108	36	6.5	0.286
	G1/4	3313 13 21 03	2x3	6	40	20	28	116	36	36	6.5	0.230
G1/2	G1/4	3313 13 21 04	2x4	6	40	20	28	152	72	36	6.5	0.298
	G1/4	3313 13 21 05	2x5	6	40	20	28	188	108	36	6.5	0.377

3301 Modular Manifold

Treated aluminium, NBR

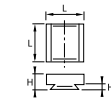


ØD		Number of Outlets	H	H1	H2	H3	L	L1	N	N1	Kg
4	3301 04 00	8	25	10	4.5	16	73.5	25	35	17	0.108
6	3301 06 00	4	25	10	4.5	16	73.5	25	35	17	0.109

Fixing with screw M3x20

3303 End Plate for Manifold

Treated aluminium

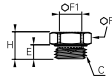


	H	H1	L	Kg
3303 00 01	9.5	3.5	25	0.014

Nickel-Plated Brass Adaptors

0222 Internal Hex Plug, Male BSPP and Metric Thread

Nickel-plated brass, NBR

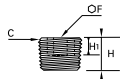


C		E	F	F1	H	Kg
M5x0.8	0222 19 00	3.5	8	2.5	7	0.002
M7x1	0222 55 00	5	10	3	8.5	0.003
G1/8	0222 10 00	5	13	5	8.5	0.006
G1/4	0222 13 00	5.5	16	6	9.5	0.010
G3/8	0222 17 00	5.5	20	8	10.5	0.019
G1/2	0222 21 00	7.5	24	10	12	0.031

With integrated O-ring seal

0936 Internal Hexagon Head Plug, Male BSPT Thread

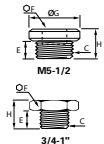
Nickel-plated brass



C		F	H	Kg
R1/8	0936 00 10	5	8	0.003
R1/4	0936 00 13	6	10	0.007
R3/8	0936 00 17	8	11	0.013
R1/2	0936 00 21	10	13	0.026

0919 Internal Hexagon Head Plug, Male BSPP and Metric Thread without seal

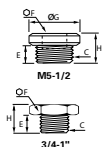
Nickel-plated brass



C		E	F	G	H	Kg
M5x0.8	0919 00 19	4	2.5	8	6.5	0.001
G1/8	0919 00 10	6	5	15	9.5	0.007
G1/4	0919 00 13	8	6	18	11.5	0.013
G3/8	0919 00 17	9	8	21	13	0.021
G1/2	0919 00 21	10	10	25	14.5	0.035
G3/4	0919 00 27	11	14	31	15.5	0.049
G1	0919 00 34	13	17	38	17.5	0.072

0919..1 Internal Hexagon Head Plug, Male BSPP and Metric Thread with seal

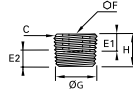
Nickel-plated brass



C		E	F	G	H	Kg
G1/8	0919 01 10	6.5	5	14	9.5	0.005
G1/4	0919 01 13	8	6	17	11.5	0.011
G3/8	0919 01 17	9	8	20	12.5	0.018
M5x0.8	0919 01 19	4.5	2.5	8	7.2	0.001
G1/2	0919 01 21	10	10	26	14	0.032

0205 Internal Hexagon Head Plug, Male BSPT Thread

Brass

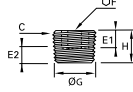


C		E1	E2 max	E2 min	F	G	H	Kg
	0205 07 00							0.002
R1/8	0205 10 00	6	4.9	3.1	5	9.7	8	0.003
R1/4	0205 13 00	8	7.3	4.7	6	13.2	10	0.007
R3/8	0205 17 00	8	7.7	5.1	8	16.7	11	0.013
R1/2	0205 21 00	8	10	6.4	10	21	13	0.026
R3/4	0205 27 00	11	11.3	7.7	14	26.5	17	0.053
R1	0205 34 00	13	12.7	8.1	17	33.2	19	0.094
R1 1/4	0205 42 00	14	15	10.4	22	42	22	0.178
R1 1/2	0205 49 00	14	15	10.4	24	47.8	22	0.243
R2	0205 48 00	16	18.2	13.6	30	59.6	25	0.435

For BSPT plug from 1/2" - 1 1/2" inclusive:
Conforms to DIN 906.
Thread: EN 10226-0

0205 Internal Hexagon Head Plug, Male NPT Thread

Brass



C		E1	E2 max	E2 min	F	G	H	Kg
NPT1/8	0205 11 00	6	5	3.2	5	10.2	8	0.004
NPT1/4	0205 14 00	8	7.2	4.4	6	13.6	10	0.008
NPT3/8	0205 18 00	8	7.5	4.7	8	17	11	0.014
NPT1/2	0205 22 00	8	9.9	6.3	10	21.2	13	0.026
NPT3/4	0205 28 00	11	10.4	6.8	14	26.6	17	0.053
NPT1	0205 35 00	13	12.4	8	17	33.2	19	0.091

219P Hexagon Head Plug, Male NPTF Thread

Brass

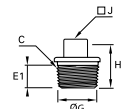


C		F	H	Kg
NPTF1/8	219P-2	316	8	0.004

*F in Inch dimensions

0209 Square Head Plug, Male BSPT Thread

Brass

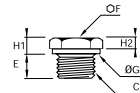


C		E1	E2 max	E2 min	G	H	J	Kg
R1/8	0209 10 00	6	4.9	3.1	9.7	16	6	0.009
R1/4	0209 13 00	8	7.3	4.7	13.2	18	8	0.015
R3/8	0209 17 00	10	7.7	5.1	16.7	20	10	0.025
R1/2	0209 21 00	11	10	6.4	21	22	13	0.047
R3/4	0209 27 00	15	11.3	7.7	26.4	28	17	0.097

Conforms to DIN 906.
Thread: EN 10226-1

0200 Hex Head Plug, Male BSPP and Metric Thread

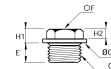
Brass



C		E	F	G	H1	H2	Kg
M6x1	0200 52 00	6	10	10	4	3.5	0.004
M8x1.25	0200 57 00	7	13	13	4	3.5	0.007
M10x1	0200 60 00	8	14	14	5	4.5	0.011
M12x1	0200 65 00	9	17	17	5	4.5	0.017
M12x1.25	0200 66 00	9	17	17	5	4.5	0.018
G1/8	0200 10 00	7	14	13.7	5.5	4	0.011
G1/4	0200 13 00	8.5	17	16.7	5.5	4	0.019

0201 Hex Head Plug with Collar, Male BSPP and Metric Thread

Brass



C		E	F	G	H1	H2	Kg
M16x1.5	0201 75 00	10	17	22	6.5	5	0.025
M18x1.5	0201 78 00	10	17	24	7	5	0.026
M20x1.5	0201 80 00	10	17	26	7.5	5	0.031
M22x1.5	0201 82 00	10	22	30	7.5	5	0.044
M24x1.5	0201 83 00	10	22	32	7.5	5	0.048
M24x2	0201 92 00	10	22	32	7.5	5	0.046
M30x2	0201 88 00	11	27	38	8.5	6	0.075
G3/8	0201 17 00	10	17	21.7	6.5	4.5	0.024
G1/2	0201 21 00	10	22	26.7	7.5	5	0.040
G3/4	0201 27 00	11	22	31.7	8.5	6	0.058
G1	0201 34 00	11	27	39.7	8.5	6	0.087
G1 1/4	0201 42 00	12	30	49.7	10	7	0.141

HP3 Hexagon Head Plug, Male BSPT Thread

Brass



C		F	H	Kg
R1/8	1/8HP3B	10	12	0.007
R1/4	1/4HP3B	14	16	0.018
R3/8	3/8HP3B	17	17	0.029
R1/2	1/2HP3B	22	21	0.060
R3/4	3/4HP3B	27	24	0.109
R1	1HP3B	36	27	0.196

218P Hexagon Head Plug, Male NPTF Thread, Heavy Series

Brass

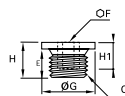


C		F	H	Kg
NPTF1/8	218P-2	716	14	0.008
NPTF1/4	218P-4	916	19	0.016
NPTF3/8	218P-6	1116	20	0.033
NPTF1/2	218P-8	78	25	0.044

*F in Inch dimensions

0202 Internal Hexagon Head Plug with Collar, Male Metric Thread

Brass

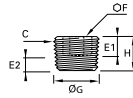


C		E	F	G	H	H1	Kg
M12x1	0202 65 00	9	6	17	11	8	0.009
M12x1.25	0202 66 00	9	6	17	11	8	0.009
M14x1.5	0202 71 00	10	6	19	13	10	0.015
M16x1.5	0202 75 00	10	8	22	13	10	0.019
M18x1.5	0202 78 00	10	10	24	13	10	0.023
M20x1.5	0202 80 00	10	12	26	13	10	0.025
M22x1.5	0202 82 00	10	12	30	13	10	0.034
M27x2	0202 86 00	11	17	35	15	11	0.052
M30x2	0202 88 00	11	19	38	15	11	0.062

Parallel metric threads, ISO standard NFE 03-054

0206 Internal Hexagon Head Plug, Male BSPT Thread

Steel

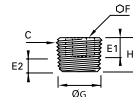


C		E1	E2 max	E2 min	F	G	H	Kg
R1/8	0206 10 00	4	3.9	2.1	5	9.7	8	0.003
R1/4	0206 13 00	5	5.8	3.2	7	13.2	10	0.007
R3/8	0206 17 00	5	5.8	3.2	8	16.7	10	0.012
R1/2	0206 21 00	5	6.8	3.2	10	21	10	0.022
R3/4	0206 27 00	6	7.8	4.2	12	26.4	12	0.048
R1	0206 34 00	6	9.3	4.7	17	33.2	12	0.085
R1 1/4	0206 42 00	11.5	9.8	5.2	22	41.9	18	0.166
R1 1/2	0206 49 00	11.5	9.8	5.2	24	47.8	20	0.222

For BSPT plugs, from 1/2" - 1 1/2" inclusive :
Conforms to DIN 906.
Thread conforms to EN 10226-1

0206 Internal Hexagon Head Plug, Male NPT Thread

Steel

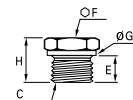


C		E1	E2 max	E2 min	F	G	H	Kg
NPT1/16	0206 08 00	6	6.4	3.8	4	7.8	7	0.002
NPT1/8	0206 11 00	6	5	3.2	5	10.2	8	0.003
NPT1/4	0206 14 00	8	7.2	4.4	6	13.6	10	0.007
NPT3/8	0206 18 00	8	7.5	4.7	8	17	11	0.012
NPT1/2	0206 22 00	8	9.9	6.3	10	21.2	13	0.023
NPT3/4	0206 28 00	11	10.4	6.8	14	26.6	17	0.048
NPT1	0206 35 00	13	12.4	8	17	33.2	19	0.082

Conforms to ANSI B1.20,1

0210 Hex Head Plug, Male BSPP and Metric Thread

Steel

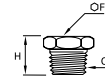


C		E	F	G	H	Kg
M8x1.25	0210 57 00	8	14	12	15	0.011
G1/8	0210 10 00	8	14	14	15	0.013
G1/4	0210 13 00	12	19	18	21	0.031
G3/8	0210 17 00	12	22	22	21	0.046
G1/2	0210 21 00	14	27	26	24	0.078
G3/4	0210 27 00	16	32	32	27	0.133
G1	0210 34 00	18	41	39	33	0.270

Profile of head undercut conforms to DIN 3852-1, form D/E.
BSPP threads, ISO 228-1.
Parallel metric threads, NFE 03-054

0216 Hex Head Plug, Male BSPT Thread

Steel

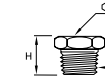


C		F	H	Kg
R1/8	0216 10 00	13	16	0.012
R1/4	0216 13 00	17	19	0.023
R3/8	0216 17 00	19	21	0.038
R1/2	0216 21 00	22	23	0.060

BSPT thread conforms to EN 10226-1

0216 Hex Head Plug, Male NPT Thread

Steel

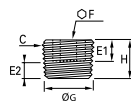


C		F	H	Kg
NPT1/8	0216 11 00	13	16	0.012
NPT1/4	0216 14 00	17	19	0.023
NPT1/2	0216 22 00	22	23	0.060

Stainless Steel Plugs

0285 Internal Hexagon Head Plug, Male BSPT Thread

Stainless steel 316L

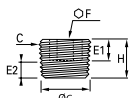


C		E1	E2 max	E2 min	F	G	H	Kg
R1/8	0285 10 00	4	3.9	2.1	5	9.7	8	0.003
R1/4	0285 13 00	5	5.8	3.2	7	13.1	10	0.007
R3/8	0285 17 00	5	5.8	3.2	8	16.7	10	0.012
R1/2	0285 21 00	5	6.8	3.2	10	21	10	0.024
R3/4	0285 27 00	6	7.8	4.2	12	26.4	12	0.051
R1	0285 34 00	6	9.3	4.7	17	33.2	12	0.089

Conforms to DIN 906
Thread: EN 10226-1

0285 Internal Hexagon Head Plug, Male NPT Thread

Stainless steel 316L

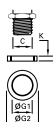


C		E1	E2 max	E2 min	F	G	H	Kg
NPT1/8	0285 11 00	6	5	3.2	5	10.2	8	0.003
NPT1/4	0285 14 00	8	7.2	4.4	6	13.6	10	0.007
NPT3/8	0285 18 00	8	7.5	4.7	8	17	11	0.013
NPT1/2	0285 22 00	8	9.9	6.3	10	21	13	0.025

Conforms to ANSI B1.20.1

0137 Bonded Seal

Zinc-plated steel with NBR seal



C		G1	G2	K	Kg
M12	0137 12 00	12.7	19	1.5	0.001
M14	0137 14 00	14.7	21	1.5	0.002
M16	0137 16 00	16.7	23	1.5	0.002
M18	0137 18 00	18.7	27	2	0.004
M20	0137 20 00	20.7	29	2	0.004
M22	0137 22 00	22.7	31	2	0.005
M24	0137 24 00	24.7	33	2	0.005
G1/8	0137 10 00	10.7	17	1.5	0.001
G1/4	0137 13 00	13.7	20.6	2.1	0.002
G3/8	0137 17 00	17.4	23.7	1.5	0.002
G1/2	0137 21 00	21.5	28.6	2.5	0.004
G3/4	0137 27 00	27	35.3	2	0.007
G1	0137 33 00	33.7	42	2	0.007
G1 1/4	0137 42 00	43	54	2.5	0.013
G1 1/2	0137 48 00	49	60	2.5	0.015

Note: to use these bonded seals successfully it is necessary to spot face around the female thread to provide a sealing "land".

The diameter should be 0.3 mm to 0.5 mm greater than the external diameter of the seal.

The surface finish of the thread should not exceed 12 µ.

0602 Captive Sealing Washer

Technical polymer

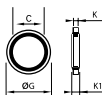


C		G1	G2	K	Kg
M5x0.8	0602 29 93 15	5.2	7.8	1.5	0.001
G1/8	0602 23 10 20	10.3	14	2	0.001
G1/4	0602 23 11 20	13.7	17.5	2	0.001
G3/8	0602 23 12 20	17.2	21	2	0.001
G1/2	0602 23 13 20	21.5	25.5	2.5	0.002
G3/4	0602 27 32 20	27	32	2.5	0.001
G1	0602 30 60 20	33.8	39	3	0.002

Maximum allowable working pressure: 20 bar

0139 Bi-Material Captive Sealing Washer

Zinc-plated steel with NBR seal



C		G	K	K1	Kg
G1/8	0139 10 00	14	1	1.7	0.001
G1/4	0139 13 00	17	1	1.7	0.001
G3/8	0139 17 00	22	1.2	2.1	0.001
G1/2	0139 21 00	26	1.6	2.5	0.002
G3/4	0139 27 00	32	1.5	2.5	0.003
G1	0139 34 00	39.6	1.7	2.6	0.003

Maximum allowable working pressure: 250 bar