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Technical Characteristics

Products	Adaptors and Plugs		
Component Materials	Brass		
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		
Working Temperature	-60°C to +150°C without sealing washer -20°C to +100°C with sealing washer		

Thread sealing must be guaranteed by user.

ARA[®]
PNEUMATIK

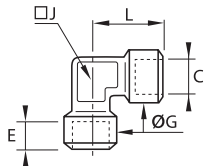
53-012 Wrocław tel. 71 364 72 82
ul. Wyciągowa 38 fax 71 364 72 83
www.arapneumatik.pl



Brass Adaptors

0143 Equal Threaded Elbow, Female BSPP Thread

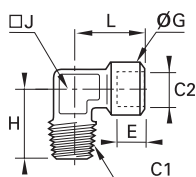
Brass



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	0.057
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	0.247

0144 Equal Stud Elbow, Male BSPT/Female BSPP Thread

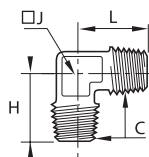
Brass



C1	C2		E	G	H	J	L	Kg
R1/8	G1/8	0144 10 10	7.5	16.5	23	12	22.5	0.035
R1/4	G1/4	0144 13 13	11	18.5	26	15	26.5	0.052
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	0.140
R3/4	G3/4	0144 27 27	16.5	34	40	27	43.5	0.232

0152 Equal Elbow, Male BSPT Thread

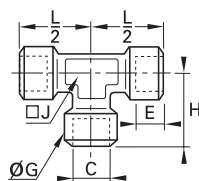
Brass



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	0.045
R3/8	0152 17 17	26.5	15	26.5	0.054
R1/2	0152 21 21	31.5	19	31.5	0.088
R3/4	0152 27 27	35.5	23	35.5	0.153

0145 Equal Tee, Female BSPP Thread

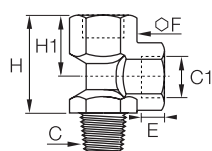
Brass



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	0.079
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



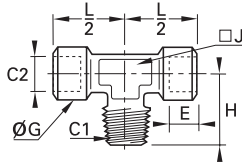
C	C1		E	F	H	H1	H2	Kg
R1/8	G1/8	1/8MR0434B	8	14	32	17	15	0.029
R1/4	G1/4	1/4MR0434B	10	17	40	22	18	0.051
R3/8	G3/8	3/8MR0434B	12	24	49	25	24	0.127
R1/2	G1/2	1/2MR0434B	14	30	63	32	31	0.254

Brass Adaptors

0158

Stud Branch Tee, Male BSPT/Female BSPP Thread

Brass

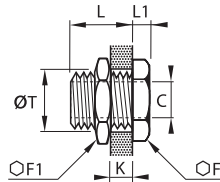


C1	C2		E	G	H	J	L/2	Kg
R1/8	G1/8	0158 10 10	7.5	16.5	21.5	12	21.5	0.046
R1/4	G1/4	0158 13 13	11	18.5	26	15	26	0.075
R3/8	G3/8	0158 17 17	11.5	23.5	30	19	30	0.120
R1/2	G1/2	0158 21 21	15	28	36	23	36	0.204
R3/4	G3/4	0158 27 27	16.5	34	44	27	44	0.310

0117

Equal Bulkhead Coupling, Female BSPP and Metric Thread

Brass

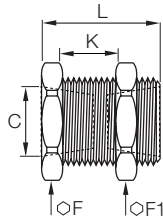


C		F	F1	K _{max}	L	L1	ØT	Kg
M5x0.8	0117 00 19	14	14	7	10.5	3.5	10.5	0.012
G1/8	0117 00 10	19	22	9	14	4	16.5	0.033
G1/4	0117 00 13	24	27	15	21	4	20.5	0.056
G3/8	0117 00 17	30	32	14	21	5	26.5	0.096
G1/2	0117 00 21	32	36	20	27	6	28.5	0.115
G3/4	0117 00 27	41	41	22.5	30	6	34.5	0.161
G1	0117 00 34	46	50	24.5	34	8	42.5	0.266
G1 1/4	0117 00 42	55	55	29.5	39	8	49.5	0.303
G1 1/2	0117 00 49	60	60	29.5	39	8	54.5	0.303

207ACBH

Bulkhead Union, Female NPTF Thread

Brass



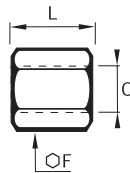
C		F*	F1*	K	L	Kg
NPTF1/8*	207ACBH-2	7/8	15/16	20	38	0.073
NPTF1/4	207ACBH-4	1	1.1/8	18	38	0.101
NPTF3/8	207ACBH-6	1.1/8	1.1/4	13	34	0.127
NPTF1/2	207ACBH-8	1.1/4	1.3/8	16	38	0.158

*Inch dimensions

0155

Equal Connector, Female BSPP Thread

Brass

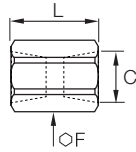


C	C1		F	L	Kg
G1/8	G1/8	0155 10 10	14	17	0.014
G1/4	G1/8	0155 10 13	17	18	0.023
G3/8	G1/8	0155 10 17	22	20	0.045
G1/2	G1/8	0155 10 21	27	22	0.075
G1/4	G1/4	0155 13 13	17	24	0.025
G3/8	G1/4	0155 13 17	22	22	0.046
G1/2	G1/4	0155 13 21	27	24	0.079
G3/8	G3/8	0155 17 17	22	25	0.045
G1/2	G3/8	0155 17 21	17	26	0.048
	G1/2	0155 21 21	27	32	0.084
G3/4	G3/4	0155 27 27	32	35	0.109
G1	G1	0155 34 34	41	36	0.194

Brass Adaptors

GG-B Equal Adaptor, Female NPTF Thread, Heavy Series

Brass

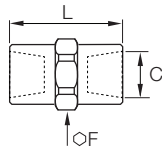


C		F*	L	Kg
NPTF1/8	1/8 GG-B	5/8	19	0.018

*Inch dimensions
Max. working pressure: 260 bar

207P Equal Adaptor, Female NPTF Thread

Brass

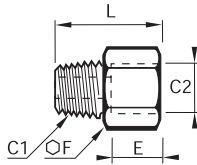


C		F*	L	Kg
NPTF1/8	207P-2	9/16	19	0.017
NPTF1/4	207P-4	3/4	28	0.040
NPTF3/8	207P-6	7/8	28	0.054
NPTF1/2	207P-8	1.1/16	38	0.088

*Inch dimensions

0164 Adaptor, Male NPT/Female BSPP Thread

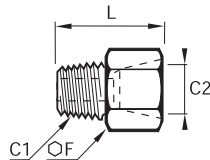
Brass



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	0.082
NPT3/4	G3/4	0164 28 27	16.5	32	38.5	0.110

0167 Adaptor, Male BSPT/Female NPT Thread

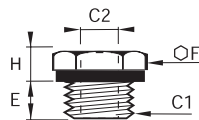
Brass



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	0.120

0168 Reducer, Male BSPP/Female BSPP and Metric Thread

Brass, technical polymer



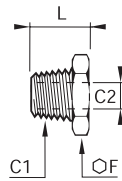
C1	C2		E	F	H	Kg
G1/8	M5x0.8	0168 10 19	7	14	6	0.009
G1/4	M5x0.8	0168 13 19	7	17	7	0.017
	G1/8	0168 13 10	7	17	7	0.011
G3/8	G1/8	0168 17 10	9	19	6	0.019
	G1/4	0168 17 13	9	19	6	0.013
G1/2	G1/8	0168 21 10	11	24	10	0.051
	G1/4	0168 21 13	11	24	10	0.042
	G3/8	0168 21 17	11	24	10	0.030
G3/4	G1/4	0168 27 13	11	32	12	0.098
	G3/8	0168 27 17	11	32	12	0.085
	G1/2	0168 27 21	11	32	12	0.063

With fitted captive seal

Brass Adaptors

0163 Unequal Reducer, Male BSPT/Female BSPP Thread

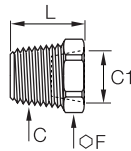
Brass



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
	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	0.025
	G1/4	0163 21 13	22	24	0.085
R3/4	G3/8	0163 27 17	27	24	0.069
	G1/2	0163 27 21	27	24	0.046
R1	G1/2	0163 34 21	36	27	0.137
	G3/4	0163 34 27	36	27	0.092

209P Reducer, Male/Female NPTF Thread

Brass

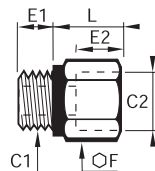


C	C1		F*	L	Kg
NPTF1/4	NPTF1/8	209P-4-2	9/16	19	0.012
NPTF3/8	NPTF1/8	209P-6-2	11/16	18	0.025
	NPTF1/4	209P-6-4	11/16	19	0.179
NPTF1/2	NPTF1/8	209P-8-2	7/8	25	0.049
	NPTF1/4	209P-8-4	7/8	26	0.049
NPTF3/4	NPTF3/8	209P-8-6	7/8	26	0.033
	NPTF1/4	209P-12-4	1.1/8	25	0.080
	NPTF3/8	209P-12-6	1.1/8	26	0.080
	NPTF1/2	209P-12-8	1.1/8	26	0.057

*Inch dimensions

0169 Increaser, Male/Female BSPP Thread

Brass, technical polymer

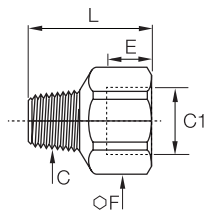


C1	C2		E1	E2	F	L	Kg
G1/8	G1/4	0169 10 13	5	11	17	16	0.019
	G3/8	0169 10 17	5	14	22	19.5	0.038
G1/4	G3/8	0169 13 17	7	14	22	19.5	0.042
	G1/2	0169 13 21	7	14.5	27	20.5	0.061
G3/8	G1/2	0169 17 21	8	14.5	27	20.5	0.062
	G3/4	0169 17 27	8	15.5	32	22	0.082
G1/2	G3/4	0169 21 27	9.5	15.5	32	22.5	0.087

With fitted captive seal

FG43 Reducer, Female BSPP/Male BSPT Thread

Brass



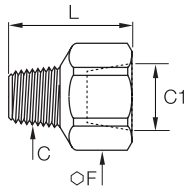
C	C1		E	F	L	Kg
R1/8	G1/4	1/4X1/8FG43B	11	17	21.5	0.020
	G3/8	3/8X1/8FG43B	12	22	25	0.035
R1/4	G1/2	1/2X1/8FG43B	15	27	28	0.063
	G3/8	3/8X1/4FG43B	12	22	28	0.040
R3/8	G1/2	1/2X1/4FG43B	15	27	30	0.071
	G1/2	1/2X3/8FG43B	15	27	29	0.066
R1/2	G3/4	3/4X1/2FG43B	16	32	39	0.113
R3/4	G1	1X3/4FG43B	18	41	38	0.168

Brass Adaptors

222P

Reducer, Female/Male NPTF Thread

Brass



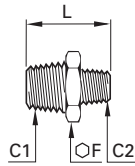
C	C1		F*	L	Kg
NPTF1/8	NPTF1/8	222P-2-2	9/16	22	0.017
	NPTF1/4	222P-4-2	3/4	27	0.021
NPTF1/4	NPTF1/4	222P-4-4	3/4	32	0.039
	NPTF3/8	222P-6-4	7/8	32	0.046
NPTF3/8	NPTF3/8	222P-6-6	7/8	32	0.044
NPTF1/4	NPTF1/2	222P-8-4	1	37	0.076
NPTF3/8	NPTF1/2	222P-8-6	1 1/16	37	0.083

*Inch dimensions

0121

Equal/Unequal Straight Male Adaptor, Male BSPT Thread

Brass

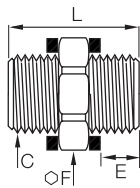


C1	C2		F	L	Kg
R1/8	R1/8	0121 10 10	11	19	0.009
R1/4	R1/8	0121 13 10	14	23.5	0.017
	R1/4	0121 13 13	14	27	0.020
R3/8	R1/8	0121 17 10	17	24	0.022
	R1/4	0121 17 13	17	27.5	0.025
	R3/8	0121 17 17	17	28	0.026
	R1/8	0121 21 10	22	28.5	0.043
R1/2	R1/4	0121 21 13	22	32	0.045
	R3/8	0121 21 17	22	32.5	0.045
	R1/2	0121 21 21	22	36	0.053
	R1/4	0121 27 13	27	35	0.077
R3/4	R3/8	0121 27 17	27	35.5	0.077
	R1/2	0121 27 21	27	39	0.083
	R3/4	0121 27 27	27	40	0.090
	R3/8	0121 34 17	36	38.5	0.127
R1	R1/2	0121 34 21	36	42	0.136
	R3/4	0121 34 27	36	43	0.143
	R1	0121 34 34	36	46	0.152
	R1/2	0121 42 21	46	46.5	0.217
R1 1/4	R3/4	0121 42 27	46	47.5	0.229
	R1	0121 42 34	46	50.5	0.239
	R1 1/4	0121 42 42	46	53	0.230

FF44

Equal Adaptor, Male BSPP Thread

Brass



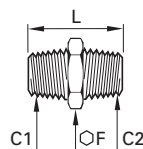
C		E	F	L	Kg
G1/8	1/8FF44B	6	14	19	0.018
G1/4	1/4FF44B	7	17	22	0.022
G3/8	3/8FF44B	8	22	24	0.040
G1/2	1/2FF44B	10	27	31	0.077

These parts are supplied with two copper seals.

0121

Equal Adaptor, Male NPT/BSPT Thread

Brass

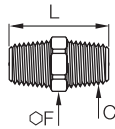



C1	C2		F	L	Kg
NPT1/8	R1/8	0121 11 10	11	19	0.009
NPT1/4	R1/4	0121 14 13	14	27	0.020
NPT3/8	R3/8	0121 18 17	17	28	0.026
NPT1/2	R1/2	0121 22 21	22	36	0.052
NPT3/4	R3/4	0121 28 27	27	40	0.090

Brass Adaptors

216P Equal Adaptor, Male NPTF Thread

Brass

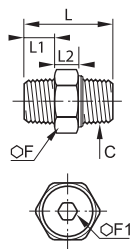



C	C1		F*	L	Kg
NPTF1/8	NPTF1/8	216P-2	7/16	25	0.008
NPTF3/8	NPTF1/8	216P-6-2	11/16	31	0.028
NPTF1/4	NPTF1/4	216P-4	9/16	35	0.025
	NPTF1/8	216P-4-2	9/16	30	0.001
NPTF3/8	NPTF3/8	216P-6	11/16	36	0.029
	NPTF1/4	216P-6-4	11/16	36	0.033
NPTF1/2	NPTF1/4	216P-8-4	7/8	41	0.057
	NPTF1/2	216P-8	7/8	46	0.064
	NPTF3/8	216P-8-6	7/8	41	0.056

*Inch dimensions

0929 Equal 3-Piece Adaptor, Male BSPT Thread

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	0.089
R3/4	0929 01 27	36	14	52.5	16.5	17	0.261
R1	0929 01 34	46	19	63.5	19	20	0.600

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.

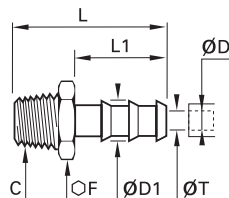
Maximum working pressure: 50 bar


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
		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
		R3/8	0123 07 17	17	39	22.5	6	0.024
		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
		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
		R1/4	0123 13 13	17	45.5	29.5	7	0.026
13	15	R3/8	0123 13 17	17	46	29.5	11	0.027
		R1/2	0123 13 21	22	50.5	29.5	12	0.045
16	18.5	R3/8	0123 16 17	19	54.5	38	11	0.038
		R1/2	0123 16 21	22	59	38	14	0.054
		R3/4	0123 16 27	27	62	38	15	0.084
19	21.5	R3/8	0123 19 17	22	54.5	38	11	0.047
		R1/2	0123 19 21	22	59	38	14	0.057
25	26.7	R3/4	0123 19 27	27	62	38	18	0.082
		R3/4	0123 25 27	27	62	38	18	0.078
32	34.5	R1	0123 25 34	36	65	38	24	0.126
		R1	0123 32 34	36	70	43	24	0.142

