

# ADAPTORS AND MANIFOLDS

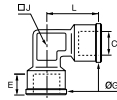
# Adaptors and Manifolds

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

# Nickel-Plated Brass Adaptors

## 0912 Equal Stud Elbow, Female BSPP and Metric Thread

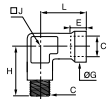
Nickel-plated brass



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

## 0921 Equal Stud Elbow, Male/Female and Metric Thread

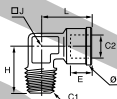
Nickel-plated brass



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

## 0913 Equal Stud Elbow, Male BSPT/ Female BSPP Thread

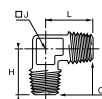
Nickel-plated brass



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

## 0914 Equal Stud Elbow, Male BSPT Thread

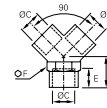
Nickel-plated brass



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

## 0910 Equal Y, Female BSPP Thread

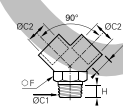
Nickel-plated brass



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

## 0911 Equal Y, Male BSPT/Female BSPP Thread

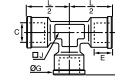
Nickel-plated brass



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

## 0915 Equal Tee, Female BSPP and Metric Thread

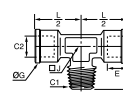
Nickel-plated brass



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

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

Nickel-plated brass

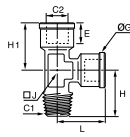


C1	C2		E	G	H	J	L/2	Kg
R1/8	G1/8	<b>0916 00 10</b>	8	13	17	10	18	0.019
R1/4	G1/4	<b>0916 00 13</b>	11	17	22.5	12	22.5	0.038
R3/8	G3/8	<b>0916 00 17</b>	11.5	21	25.5	15	25.5	0.058
R1/2	G1/2	<b>0916 00 21</b>	14	26	30	19	30	0.091
R3/4	G3/4	<b>0916 00 27</b>	16.5	32	34.5	22	35	0.139

# Nickel-Plated Brass Adaptors

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

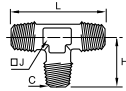
Nickel-plated brass



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

## 0927 Equal Tee, Male BSPT Thread

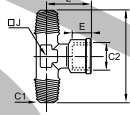
Nickel-plated brass



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

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

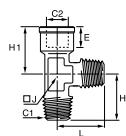
Nickel-plated brass



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

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

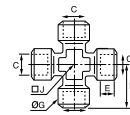
Nickel-plated brass



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

## 0908 Equal Cross, Female BSPP Thread

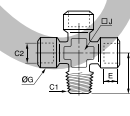
Nickel-plated brass



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

## 0909 Equal Cross, Male BSPT/Female BSPP Thread

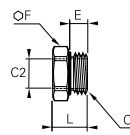
Nickel-plated brass



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

## 0178 Reducer, Male/Female BSPP and Metric Thread

Nickel-plated brass, NBR

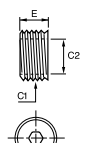


C1	C2		E	F	L	Kg
M7x1	M5x0.8	<b>0178 55 19</b>	5	10	12	0.005
G1/8	M5x0.8	<b>0178 10 19</b>	5	13	9	0.005
G1/4	G1/8	<b>0178 13 10</b>	5.5	16	9.5	0.006
G3/8	G1/8	<b>0178 17 10</b>	5.5	20	10.5	0.016
G3/8	G1/4	<b>0178 17 13</b>	5.5	20	10.5	0.011
G1/2	G1/4	<b>0178 21 13</b>	7.5	24	12.5	0.024
G1/2	G3/8	<b>0178 21 17</b>	7.5	24	12.5	0.016
G3/4	G1/2	<b>0178 27 21</b>	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	<b>0903 10 13</b>	8	6	0.004
G3/8	G1/4	<b>0903 13 17</b>	9	8	0.007
G1/2	G3/8	<b>0903 17 21</b>	10	10	0.011
G3/4	G1/2	<b>0903 21 27</b>	14	12	0.023
G1	G3/4	<b>0903 27 34</b>	20	17	0.038

# Nickel-Plated Brass Adaptors

## 0904 Reducer, Male BSPT/Female BSPP Thread

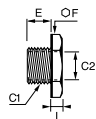
Nickel-plated brass



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

## 0905 Reducer, Male BSPP/Female BSPP and Metric Thread

Nickel-plated brass

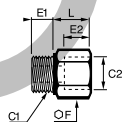


C1	C2		E	F	L	Kg
G1/8	M5x0.8	<b>0905 19 10</b>	6	14	4.5	0.008
G1/4	G1/8	<b>0905 10 13</b>	8	17	5	0.011
	G1/8	<b>0905 10 17</b>	9	19	5	0.019
G3/8	G1/4	<b>0905 13 17</b>	9	19	5	0.013
	G1/4	<b>0905 13 21</b>	10	24	5.5	0.031
G1/2	G3/8	<b>0905 17 21</b>	10	24	5.5	0.022
	G3/8	<b>0905 17 27</b>	11	30	6.5	0.055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

\*Please contact us for detailed drawings of external thread.

## 0906 Increaser, Male BSPP and Metric/Female BSPP Thread

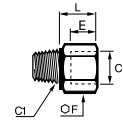
Nickel-plated brass



C1	C2		E1	E2	F	L	Kg
M5x0.8	G1/8	<b>0906 10 19</b>	4	8	14	10.5	0.010
	G1/8	<b>0906 00 10</b>	6	8	14	10.5	0.011
G1/8	G1/4	<b>0906 10 13</b>	6	11	17	13.5	0.017
	G3/8	<b>0906 10 17</b>	6	11.5	22	14.5	0.029
	G1/4	<b>0906 00 13</b>	8	11	17	13.5	0.019
G1/4	G3/8	<b>0906 13 17</b>	8	11.5	22	14.5	0.032
	G1/2	<b>0906 13 21</b>	8	14	24	18	0.037
	G3/8	<b>0906 00 17</b>	9	11.5	22	14.5	0.035
G3/8	G1/2	<b>0906 17 21</b>	9	14	24	18	0.038
G1/2	G1/2	<b>0906 00 21</b>	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	<b>0933 00 10</b>	14	10	0.011
R1/4	G1/4	<b>0933 00 13</b>	17	13.5	0.020
R3/8	G3/8	<b>0933 00 17</b>	22	14.5	0.037
R1/2	G1/2	<b>0933 00 21</b>	26	18	0.058
R1/8	G1/4	<b>0933 10 13</b>	17	13.5	0.017
R1/4	G3/8	<b>0933 13 17</b>	22	14.5	0.034
R1/4	G1/2	<b>0933 13 21</b>	24	18	0.038
R3/8	G1/2	<b>0933 17 21</b>	24	18	0.041
R1/2	G3/4	<b>0933 21 27</b>	32	23.5	0.080

## 0907 Equal Extended Adaptor, Male/Female BSPP Thread

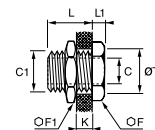
Nickel-plated brass



C		E	F	L	Kg
G1/8	<b>0907 00 10</b>	6	14	16	0.015
	<b>0907 00 10 01</b>	6	14	36	0.030
G1/4	<b>0907 00 13</b>	8	17	27	0.031
	<b>0907 00 13 01</b>	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	<b>0920 00 19</b>	14	14	7	10.5	3.5	10.5	0.012
G1/8	M16x1.5	<b>0920 00 10</b>	19	22	10	14	4	16.5	0.030
G1/4	M20x1.5	<b>0920 00 13</b>	24	27	16	21	4	20.5	0.057
G3/8	M26x1.5	<b>0920 00 17</b>	30	32	15	21	5	26.5	0.096
G1/2	M28x1.5	<b>0920 00 21</b>	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	<b>0900 00 10</b>	12	20.5	0.009
R1/8	R1/4	<b>0900 10 13</b>	14	24	0.014
	R3/8	<b>0900 10 17</b>	17	24.5	0.020
R1/4	R1/4	<b>0900 00 13</b>	14	27	0.017
	R3/8	<b>0900 13 17</b>	17	27.5	0.026
R3/8	R1/2	<b>0900 13 21</b>	22	30.5	0.046
	R3/8	<b>0900 00 17</b>	17	28	0.025
R1/2	R1/2	<b>0900 17 21</b>	22	31	0.046
	R3/4	<b>0900 21 27</b>	27	37	0.084
R3/4	R3/4	<b>0900 00 27</b>	27	39.5	0.079
	R1	<b>0900 27 34</b>	34	42.5	0.145
R1	R1	<b>0900 00 34</b>	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	<b>0901 00 19</b>	4	4	8	11.5	0.002
	G1/8	<b>0901 19 10</b>	4	6	14	14.5	0.008
G1/8	G1/8	<b>0901 00 10</b>	6	6	14	16.5	0.009
	G1/4	<b>0901 10 13</b>	6	8	17	19	0.016
G1/4	G1/4	<b>0901 00 13</b>	8	8	17	21	0.019
	G3/8	<b>0901 13 17</b>	8	9	19	22	0.023
G3/8	G1/2	<b>0901 13 21</b>	8	10	24	23.5	0.036
	G3/8	<b>0901 00 17</b>	9	9	19	23	0.025
G1/2	G1/2	<b>0901 17 21</b>	9	10	24	24.5	0.038
	G1/2	<b>0901 00 21</b>	10	10	24	25.5	0.040

## 0192 Unequal Straight Adaptor, Male BSPT/BSPP Thread

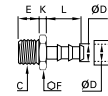
Nickel-plated brass



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

## 0191 Tailpiece Adaptor for Rubber Hose, Male BSPP Thread

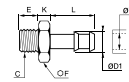
Nickel-plated brass



ØD	ØD1	C		E	F	K	L	Kg
4	6	G1/4	<b>0191 04 13</b>	9.5	17	5	22.5	0.019
7	9	G1/4	<b>0191 07 13</b>	9.5	17	5	22.5	0.022
	9	G1/2	<b>0191 07 21</b>	11	27	7	29.5	0.058
10	12.2	G1/4	<b>0191 10 13</b>	9.5	17	5	22.5	0.020
	12.2	G1/2	<b>0191 10 21</b>	11	27	7	29.5	0.060
13	15.2	G1/4	<b>0191 13 13</b>	9.5	17	5	22.5	0.022
	15.2	G1/2	<b>0191 13 21</b>	11	27	7	29.5	0.059
16	18.5	G1/2	<b>0191 16 21</b>	11	27	7	36.5	0.067

## 0931 Tailpiece Adaptor for Rubber Hose, Male BSPP Thread

Nickel-plated brass

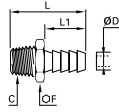


ØD	ØD1	C		E	F	K	L	Kg
6	7	G1/8	<b>0931 06 10</b>	6	12	4.5	19	0.009
	7	G1/4	<b>0931 06 13</b>	8	14	5	19	0.013
7	8	G1/8	<b>0931 07 10</b>	6	12	4	19	0.009
	8	G1/4	<b>0931 07 13</b>	8	14	5	19	0.014
8	8	G3/8	<b>0931 07 17</b>	9	19	5	19	0.021
	9	G1/8	<b>0931 08 10</b>	6	12	4	19	0.009
10	9	G1/4	<b>0931 08 13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

# Nickel-Plated Brass Adaptors

## 0934 Tailpiece Adaptor for Polymer Tubing, Male BSPT Thread

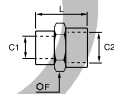
Nickel-plated brass



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

## 0902 Equal and Unequal Adaptor, Female BSPP and Metric Thread

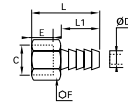
Nickel-plated brass



C1	C2		F	L	Kg
M5x0.8	M5x0.8	<b>0902 00 19</b>	8	11	0.003
	G1/8	<b>0902 19 10</b>	14	13.5	0.009
G1/8	G1/8	<b>0902 00 10</b>	14	15	0.010
	G1/4	<b>0902 10 13</b>	17	19	0.017
	G3/8	<b>0902 10 17</b>	22	20	0.028
G1/4	G1/4	<b>0902 00 13</b>	17	22	0.019
	G3/8	<b>0902 13 17</b>	22	22.5	0.031
G3/8	G1/2	<b>0902 13 21</b>	26	24	0.033
	G3/8	<b>0902 00 17</b>	22	23	0.035
G1/2	G1/2	<b>0902 17 21</b>	24	26	0.036
	G1/2	<b>0902 00 21</b>	26	28	0.049
G3/4	G3/4	<b>0902 21 27</b>	32	30	0.078
	G3/4	<b>0902 00 27</b>	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	<b>0935 06 10</b>	8	12	28.5	19	0.007
8	G1/4	<b>0935 08 13</b>	11	15	31.5	19	0.012
12	G1/2	<b>0935 12 21</b>	14.5	24	36	20	0.033

## 0950MB Maintenance Kit, BSPP Thread

Nickel-plated brass



	H	L	L1	Kg
<b>0950 00 00 02</b>	81	413	330	3.500

A selection of 250 references covering the most-used products  
Other packaging available: Ref 0950 00 00 02x6 per 6 units

## 0950M0 Maintenance Kit, BSPT Thread

Nickel-plated brass



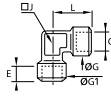
	H	L	L1	Kg
<b>0950 00 00 03</b>	81	413	330	3.500

A selection of 216 references covering the most-used products  
Other packaging available: Ref 0950 00 00 03x6 per 6 units

# Brass Adaptors

## 0143 Equal Threaded Elbow, Female BSPP Thread

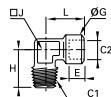
Brass



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

## 0144 Equal Stud Elbow, Male BSPT/Female BSPP Thread

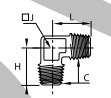
Brass



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

## 0152 Equal Elbow, Male BSPT Thread

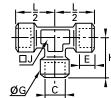
Brass



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

## 0145 Equal Tee, Female BSPP Thread

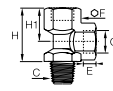
Brass



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

## MR0434 Stud Run Tee, Female BSPP/Male BSPT Thread

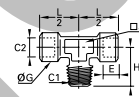
Brass



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

## 0158 Stud Branch Tee, Male BSPT/Female BSPP Thread

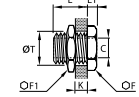
Brass



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

## 0117 Equal Bulkhead Coupling, Female BSPP and Metric Thread

Brass



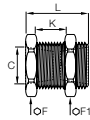
C	F	F1	K max	L	L1	ØT	ØF1	Kg
M5x0.8 <b>0117 00 19</b>	14	14	7	10.5	3.5	10.5	0.012	
G1/8 <b>0117 00 10</b>	19	22	9	14	4	16.5	0.032	
G1/4 <b>0117 00 13</b>	24	24	15	21	4	20.5	0.056	
G3/8 <b>0117 00 17</b>	30	32	14	21	5	26.5	0.096	
G1/2 <b>0117 00 21</b>	32	36	20	27	6	28.5	0.115	
G3/4 <b>0117 00 27</b>	41	41	22.5	30	6	34.5	0.161	
G1 <b>0117 00 34</b>	46	50	24.5	34	8	42.5	0.269	
G1 1/4 <b>0117 00 42</b>	55	55	29.5	39	8	49.5	0.295	
G1 1/2 <b>0117 00 49</b>	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	<b>207ACBH-2</b>	78	1516	20	38	0.072
NPTF1/4	<b>207ACBH-4</b>	1	1.2	18	38	0.099
NPTF3/8	<b>207ACBH-6</b>	1.2	1.1	13	34	0.127
NPTF1/2	<b>207ACBH-8</b>	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	<b>0155 10 10</b>	14	17	0.014
G1/4	G1/8 <b>0155 10 13</b>	17	18	0.022
G1/4	<b>0155 13 13</b>	17	24	0.025
G3/8	<b>0155 17 17</b>	22	25	0.045
G1/2	<b>0155 21 21</b>	27	32	0.084
G3/4	<b>0155 27 27</b>	32	35	0.108
G1	<b>0155 34 34</b>	41	36	0.194

## 207P Equal Adaptor, Female NPTF Thread

Brass

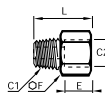


C		F	L	Kg
NPTF1/8	<b>207P-2</b>	916	19	0.015
NPTF1/4	<b>207P-4</b>	34	28	0.041
NPTF3/8	<b>207P-6</b>	78	28	0.049
NPTF1/2	<b>207P-8</b>	1.1	38	0.089

\*F in Inch dimensions

## 0164 Adaptor, Male NPT/Female BSPP Thread

Brass

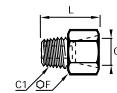


C1	C2	E	F	L	Kg
NPT1/8	G1/8 <b>0164 11 10</b>	7.5	14	20	0.015
NPT1/4	G1/4 <b>0164 14 13</b>	11	17	27.5	0.028
NPT3/8	G3/8 <b>0164 18 17</b>	11.5	22	28.5	0.044
NPT1/2	G1/2 <b>0164 22 21</b>	15	27	36.5	0.081
NPT3/4	G3/4 <b>0164 28 27</b>	16.5	32	38.5	0.110

Adaptor for female socket of quick-acting mould couplers

## 0167 Adaptor, Male BSPT/Female NPT Thread

Brass

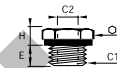


C1	C2		F	L	Kg
R1/8	NPT1/8	<b>0167 10 11</b>	14	21	0.016
R1/4	NPT1/4	<b>0167 13 14</b>	17	28.5	0.029
R3/8	NPT3/8	<b>0167 17 18</b>	22	29.5	0.047
R1/2	NPT1/2	<b>0167 21 22</b>	27	37.5	0.088
R3/4	NPT3/4	<b>0167 27 28</b>	32	39.5	0.119

Adaptor for female socket of quick-acting mould couplers

## 0168 Reducer, Male BSPP/Female BSPP and Metric Thread

Brass, technical polymer

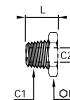


C1	C2		E	F	H	Kg
G1/8	M5x0.8	<b>0168 10 19</b>	7	14	6	0.009
G1/4	M5x0.8	<b>0168 13 19</b>	7	17	7	0.017
G1/4	G1/8	<b>0168 13 10</b>	7	17	7	0.011
G3/8	G1/8	<b>0168 17 10</b>	9	19	6	0.019
G3/8	G1/4	<b>0168 17 13</b>	9	19	6	0.012
G1/2	G1/8	<b>0168 21 10</b>	11	24	10	0.052
G1/2	G1/4	<b>0168 21 13</b>	11	24	10	0.042
G1/2	G3/8	<b>0168 21 17</b>	11	24	10	0.030
G3/4	G1/4	<b>0168 27 13</b>	11	32	12	0.098
G3/4	G3/8	<b>0168 27 17</b>	11	32	12	0.084
G3/4	G1/2	<b>0168 27 21</b>	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	<b>0163 13 10</b>	14	16	0.009
R3/8	G1/8	<b>0163 17 10</b>	17	16.5	0.020
R3/8	G1/4	<b>0163 17 13</b>	17	16.5	0.012
R1/2	G1/8	<b>0163 21 10</b>	22	21	0.048
R1/2	G1/4	<b>0163 21 13</b>	22	21	0.038
R1/2	G3/8	<b>0163 21 17</b>	22	21	0.025
R3/4	G1/4	<b>0163 27 13</b>	27	24	0.085
R3/4	G3/8	<b>0163 27 17</b>	27	24	0.069
R3/4	G1/2	<b>0163 27 21</b>	27	24	0.046
R1	G3/4	<b>0163 34 27</b>	36	27	0.085

# Brass Adaptors

## 209P Reducer, Male/Female NPTF Thread

Brass

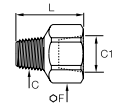


C	C1		F	L	Kg
NPTF1/4	NPTF1/8	<b>209P-4-2</b>	916	19	0.012
NPTF3/8	NPTF1/8	<b>209P-6-2</b>	1116	18	0.024
NPTF3/8	NPTF1/4	<b>209P-6-4</b>	1116	19	0.179
NPTF1/2	NPTF1/8	<b>209P-8-2</b>	78	25	0.059
NPTF1/2	NPTF1/4	<b>209P-8-4</b>	78	26	0.048
NPTF1/2	NPTF3/8	<b>209P-8-6</b>	78	26	0.033
NPTF3/4	NPTF1/4	<b>209P-12-4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

\*F in Inch dimensions

## 222P Reducer, Female/Male NPTF Thread

Brass



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

\*F in Inch dimensions

## 0169 Increaser, Male/Female BSPP Thread

Brass, technical polymer

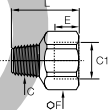


C1	C2		E1	E2	F	L	Kg
G1/8	G1/4	<b>0169 10 13</b>	5	11	17	16	0.019
G1/8	G3/8	<b>0169 10 17</b>	5	14	22	19.5	0.038
G1/4	G3/8	<b>0169 13 17</b>	7	14	22	19.5	0.041
G1/4	G1/2	<b>0169 13 21</b>	7	14.5	27	20.5	0.060
G3/8	G1/2	<b>0169 17 21</b>	8	14.5	27	20.5	0.062
G3/8	G3/4	<b>0169 17 27</b>	8	15.5	32	22	0.082
G1/2	G3/4	<b>0169 21 27</b>	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	<b>1/4X1/8FG43B</b>	11	17	21.5	0.019
R1/8	G3/8	<b>3/8X1/8FG43B</b>	12	22	25	0.035
R1/4	G3/8	<b>3/8X1/4FG43B</b>	12	22	28	0.040
R1/2	G3/4	<b>3/4X1/2FG43B</b>	16	32	39	0.107

## 0121 Equal/Unequal Straight Male Adaptor, Male BSPT Thread

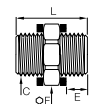
Brass



C1	C2		F	L	Kg
R1/8	R1/8	<b>0121 10 10</b>	11	19	0.009
R1/4	R1/8	<b>0121 13 10</b>	14	23.5	0.017
R1/4	R1/4	<b>0121 13 13</b>	14	27	0.020
R3/8	R1/8	<b>0121 17 10</b>	17	24	0.021
R3/8	R1/4	<b>0121 17 13</b>	17	27.5	0.026
R3/8	R3/8	<b>0121 17 17</b>	17	28	0.026
R1/2	R1/8	<b>0121 21 10</b>	22	28.5	0.041
R1/2	R1/4	<b>0121 21 13</b>	22	32	0.045
R1/2	R3/8	<b>0121 21 17</b>	22	32.5	0.045
R1/2	R1/2	<b>0121 21 21</b>	22	36	0.052
R3/4	R1/4	<b>0121 27 13</b>	27	35	0.078
R3/4	R3/8	<b>0121 27 17</b>	27	35.5	0.077
R3/4	R1/2	<b>0121 27 21</b>	27	39	0.084
R3/4	R3/4	<b>0121 27 27</b>	27	40	0.090
R1	R3/8	<b>0121 34 17</b>	36	38.5	0.127
R1	R1/2	<b>0121 34 21</b>	36	42	0.135
R1	R3/4	<b>0121 34 27</b>	36	43	0.144
R1	R1	<b>0121 34 34</b>	36	46	0.152
R1 1/4	R1/2	<b>0121 42 21</b>	46	46.5	0.219
R1 1/4	R3/4	<b>0121 42 27</b>	46	47.5	0.229
R1 1/4	R1	<b>0121 42 34</b>	46	50.5	0.234
R1 1/4	R1 1/4	<b>0121 42 42</b>	46	53	0.230

## FF44 Equal Adaptor, Male BSPP Thread

Brass



C		E	F	L	Kg
G1/8	<b>1/8FF44B</b>	6	14	19	0.018
G1/4	<b>1/4FF44B</b>	7	17	22	0.022
G3/8	<b>3/8FF44B</b>	8	22	24	0.040
G1/2	<b>1/2FF44B</b>	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	<b>0121 11 10</b>	11	19	0.009
NPT1/4	R1/4	<b>0121 14 13</b>	14	27	0.021
NPT3/8	R3/8	<b>0121 18 17</b>	17	28	0.026
NPT1/2	R1/2	<b>0121 22 21</b>	22	36	0.052
NPT3/4	R3/4	<b>0121 28 27</b>	27	40	0.089

## 216P Equal Adaptor, Male NPTF Thread

Brass

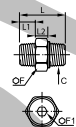


C		F	L	Kg
NPTF1/8	<b>216P-2</b>	716	25	0.011
NPTF1/4	<b>216P-4</b>	916	35	0.025
NPTF3/8	<b>216P-6</b>	1116	36	0.035
NPTF1/2	<b>216P-8</b>	78	46	0.065

\*F in Inch dimensions

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

Brass



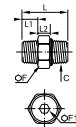
C		F	F1	L	L1	L2	Kg
R1/8	<b>0929 00 10</b>	15	5	27	9	8.5	0.017
R1/4	<b>0929 00 13</b>	19	6	33.5	11.5	9.5	0.035
R3/8	<b>0929 00 17</b>	22	8	36.5	13	10	0.055
R1/2	<b>0929 00 21</b>	27	12	45	15.5	12	0.088

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



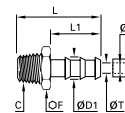
C		F	F1	L	L1	L2	Kg
R1/8	<b>0929 01 10</b>	15	5	27	7.5	8.5	0.017
R1/4	<b>0929 01 13</b>	19	6	33.5	11	9.5	0.035
R3/8	<b>0929 01 17</b>	22	8	36.5	11.5	10	0.055
R1/2	<b>0929 01 21</b>	27	12	45	14	12	0.088
R3/4	<b>0929 01 27</b>	36	14	52.5	16.5	17	0.199
R1	<b>0929 01 34</b>	46	19	63.5	19	20	0.369

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

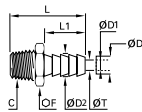
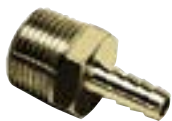


ØD	ØD1	C		F	L	L1	ØT	Kg
4	6	R1/8	<b>0123 04 10</b>	10	34	22.5	3.3	0.008
6	8	R1/8	<b>0123 06 10</b>	10	34	22.5	5	0.009
	9	R1/8	<b>0123 07 10</b>	10	34	22.5	5	0.009
7	9	R1/4	<b>0123 07 13</b>	14	38.5	22.5	6	0.018
	9	R3/8	<b>0123 07 17</b>	17	39	22.5	6	0.024
	12.2	R1/8	<b>0123 10 10</b>	13	34	22.5	5	0.014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

# Brass Adaptors

## 0136 Tailpiece Adaptor for Flexible Tubing, Male BSPT Thread

Brass

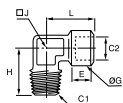


ØD	ØD1	ØD2	C		F	L	L1	ØT	Kg
6	4	4.3	R1/8	<b>0136 06 10</b>	10	26.5	15	2	0.006
	4	4.3	R1/4	<b>0136 06 13</b>	14	31	15	2	0.015
	4	4.3	R3/8	<b>0136 06 17</b>	17	31.5	15	2	0.020
8	6	6.4	R1/8	<b>0136 08 10</b>	10	26.5	15	4	0.007
	6	6.4	R1/4	<b>0136 08 13</b>	14	31	15	4	0.015
	6	6.4	R3/8	<b>0136 08 17</b>	17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

# Stainless Steel Adaptors

## 1844 Equal Stud Elbow, Male BSPT/Female BSPP Thread

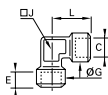
Stainless steel 316L



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

## 1843 Equal Elbow, Female BSPP Thread

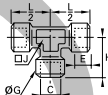
Stainless steel 316L



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

## 1845 Equal Tee, Female BSPP Thread

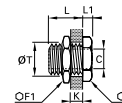
Stainless steel 316L



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

## 1817 Equal Bulkhead Adaptor, Female BSPP Thread

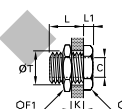
Stainless steel 316L



C		F	F1	K max	L	L1	ØT min	Kg
G1/8	<b>1817 00 10</b>	19	22	9	14	4	16.5	0.031
G1/4	<b>1817 00 13</b>	24	27	15	21	4	20.5	0.053
G3/8	<b>1817 00 17</b>	30	32	14	21	5	26.5	0.089
G1/2	<b>1817 00 21</b>	32	36	20	27	6	28.5	0.108
G3/4	<b>1817 00 27</b>	41	41	22.5	30	6	34.5	0.152
G1	<b>1817 00 34</b>	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	<b>1871 00 11</b>	19	22	9	14	5	16.5	0.031
NPT1/4	<b>1871 00 14</b>	24	22	9	14	5	20.5	0.060
NPT3/8	<b>1871 00 18</b>	30	32	18	23	5	26.5	0.096
NPT1/2	<b>1871 00 22</b>	32	36	22	29	6	28.5	0.119

## 1855 Equal Connector, Female BSPP Thread

Stainless steel 316L



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

## 1870 Equal Connector, Female NPT Thread

Stainless steel 316L

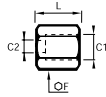


C		F	L	Kg
NPT1/8	<b>1870 11 11</b>	14	19	0.015
NPT1/4	<b>1870 14 14</b>	17	28	0.029
NPT3/8	<b>1870 18 18</b>	22	28	0.050
NPT1/2	<b>1870 22 22</b>	27	35	0.092

# Stainless Steel Adaptors

## 1862 Reducer Connector, Female BSPP Thread

Stainless steel 316L



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

## 1863 Reducer, Male BSPT/Female BSPP Thread

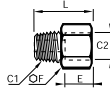
Stainless steel 316L



C1	C2		F	L	Kg
R1/4	G1/8	<b>1863 13 10</b>	14	16	0.008
R3/8	G1/8	<b>1863 17 10</b>	17	16.5	0.019
	G1/4	<b>1863 17 13</b>	17	16.5	0.011
R1/2	G1/4	<b>1863 21 13</b>	22	21	0.035
	G3/8	<b>1863 21 17</b>	22	21	0.023
R3/4	G1/2	<b>1863 27 21</b>	27	25.5	0.045
R1	G3/4	<b>1863 34 27</b>	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	<b>1864 11 10</b>	7.5	14	21.5	0.015
NPT1/4	G1/4	<b>1864 14 13</b>	11	17	30	0.028
NPT3/8	G3/8	<b>1864 18 17</b>	11.5	22	31	0.044
NPT1/2	G1/2	<b>1864 22 21</b>	15	27	39.5	0.081

## 1872 Reducer, Male/Female NPT Thread

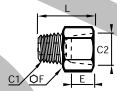
Stainless steel 316L



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

## 1867 Adaptor, Male BSPT/Female NPT Thread

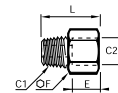
Stainless steel 316L



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

## 1861 Increaser, Male BSPT/Female BSPP Thread

Stainless steel 316L

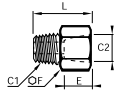


C1	C2		E	F	L	Kg
R1/8	G1/4	<b>1861 10 13</b>	11	17	24	0.022
R1/8	G3/8	<b>1861 10 17</b>	11.5	22	25	0.038
R1/4	G3/8	<b>1861 13 17</b>	11.5	22	28.5	0.042
R1/4	G1/2	<b>1861 13 21</b>	15	27	32.5	0.069
R3/8	G1/2	<b>1861 17 21</b>	15	27	33	0.069
R1/2	G3/4	<b>1861 21 27</b>	16.5	32	38	0.093
R3/4	G1	<b>1861 27 34</b>	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	<b>1873 11 14</b>	14	17	25	0.024
	NPT3/8	<b>1873 11 18</b>	14	22	25	0.039
NPT1/4	NPT3/8	<b>1873 14 18</b>	14	22	28.5	0.043
	NPT1/2	<b>1873 14 22</b>	17.5	27	31	0.066
NPT3/8	NPT1/2	<b>1873 18 22</b>	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	<b>1821 10 10</b>	12	19	0.009
	R1/8	<b>1821 13 10</b>	14	23.5	0.015
R1/4	R1/4	<b>1821 13 13</b>	14	27	0.019
	R1/4	<b>1821 17 13</b>	17	27.5	0.023
R3/8	R3/8	<b>1821 17 17</b>	17	28	0.024
	R3/8	<b>1821 21 17</b>	22	32.5	0.042
R1/2	R1/2	<b>1821 21 21</b>	22	36	0.049
	R1/2	<b>1821 27 21</b>	27	41	0.079
R3/4	R3/4	<b>1821 27 27</b>	27	42	0.088
	R3/4	<b>1821 34 27</b>	36	46	0.141
R1	R1	<b>1821 34 34</b>	36	48	0.147

## 1821 Equal Adaptor, Male NPT Thread

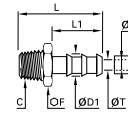
Stainless steel 316L



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

## 1823 Tailpipe Adaptor for Rubber Hose, Male BSPT Thread

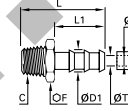
Stainless steel 316L



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

## 1823 Tailpipe Adaptor for Rubber Hose, Male NPT Thread

Stainless steel 316L

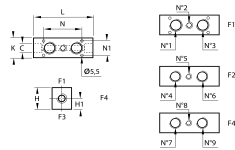


ØD	ØD1	C		F	L	L1	ØT	Kg
1/4	8.3	NPT1/8	<b>1823 56 11</b>	12	34	22.5	5.3	0.010
	8.3	NPT1/4	<b>1823 56 14</b>	14	38.5	22.5	5.3	0.016
3/8	11.7	NPT1/4	<b>1823 60 14</b>	14	38.5	22.5	8.5	0.018
	11.7	NPT3/8	<b>1823 60 18</b>	19	39	22.5	8.5	0.026

# Brass & Anodised Aluminium Manifolds

## 0135 Manifold Block, Female BSPP Thread

Brass

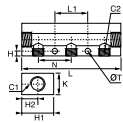


C		H	H1	K	L	N	Kg
G1/4	<b>0135 06 13</b>	30	13	25	70	37	0.355
G1/4	<b>0135 09 13</b>	30	13	25	87	54	0.409
G1/2	<b>0135 06 21</b>	40	16	35	86	45	0.714
G1/2	<b>0135 09 21</b>	40	16	35	109	68	0.900
G3/4	<b>0135 10 27</b>	45	21	40	122	78	1.232

This product is designed to distribute in several directions.

## 3311 Manifold, Female BSPP and Metric Thread

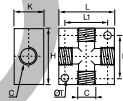
Treated aluminium



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

## 3312 Cross Manifold, Female BSPP and Metric Thread

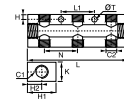
Treated aluminium



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

## 3313 Double Manifold, Female BSPP Thread

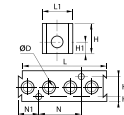
Treated aluminium



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

## 3301 Modular Manifold

Treated aluminium, NBR

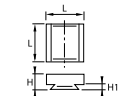


ØD		Number of Outlets	H	H1	H2	H3	L	L1	N	N1	Kg
4	<b>3301 04 00</b>	8	25	10	4.5	16	73.5	25	35	17	0.108
6	<b>3301 06 00</b>	4	25	10	4.5	16	73.5	25	35	17	0.109

Fixing with screw M3x20

## 3303 End Plate for Manifold

Treated aluminium



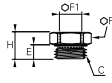
	H	H1	L	Kg
<b>3303 00 01</b>	9.5	3.5	25	0.014



# Nickel-Plated Brass Adaptors

## 0222 Internal Hex Plug, Male BSPP and Metric Thread

Nickel-plated brass, NBR

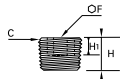


C		E	F	F1	H	Kg
M5x0.8	<b>0222 19 00</b>	3.5	8	2.5	7	0.002
M7x1	<b>0222 55 00</b>	5	10	3	8.5	0.003
G1/8	<b>0222 10 00</b>	5	13	5	8.5	0.006
G1/4	<b>0222 13 00</b>	5.5	16	6	9.5	0.010
G3/8	<b>0222 17 00</b>	5.5	20	8	10.5	0.019
G1/2	<b>0222 21 00</b>	7.5	24	10	12	0.031

With integrated O-ring seal

## 0936 Internal Hexagon Head Plug, Male BSPT Thread

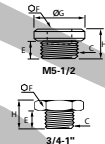
Nickel-plated brass



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

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

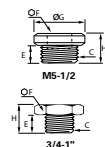
Nickel-plated brass



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

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

Nickel-plated brass

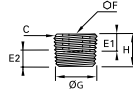


C		E	F	G	H	Kg
G1/8	<b>0919 01 10</b>	6.5	5	14	9.5	0.005
G1/4	<b>0919 01 13</b>	8	6	17	11.5	0.011
G3/8	<b>0919 01 17</b>	9	8	20	12.5	0.018
M5x0.8	<b>0919 01 19</b>	4.5	2.5	8	7.2	0.001
G1/2	<b>0919 01 21</b>	10	10	26	14	0.032

# Brass Plugs

## 0205 Internal Hexagon Head Plug, Male BSPT Thread

Brass

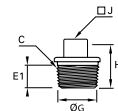


C	E1	E2 max	E2 min	F	G	H	Kg
0205 07 00							0.002
R1/8 0205 10 00	6	4.9	3.1	5	9.7	8	0.003
R1/4 0205 13 00	8	7.3	4.7	6	13.2	10	0.007
R3/8 0205 17 00	8	7.7	5.1	8	16.7	11	0.013
R1/2 0205 21 00	8	10	6.4	10	21	13	0.026
R3/4 0205 27 00	11	11.3	7.7	14	26.5	17	0.053
R1 0205 34 00	13	12.7	8.1	17	33.2	19	0.094
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

## 0209 Square Head Plug, Male BSPT Thread

Brass

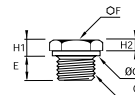


C	E1	E2 max	E2 min	G	H	J	Kg
R1/8 0209 10 00	9	4.9	3.1	9.7	18	6	0.009
R1/4 0209 13 00	11	7.3	4.7	13.2	20	8	0.015
R3/8 0209 17 00	12	7.7	5.1	16.7	22	10	0.025
R1/2 0209 21 00	15	10	6.4	21	26.5	13	0.047
R3/4 0209 27 00	16.5	11.3	7.7	26.4	29	17	0.097

Conforms to DIN 906.  
Thread: EN 10226-1

## 0200 Hex Head Plug, Male BSPP and Metric Thread

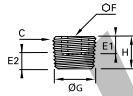
Brass



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

## 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

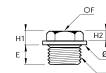


C	F	H	Kg
NPTF1/8 219P-2	316	8	0.004

\*F in Inch dimensions

## 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	<b>1/8HP3B</b>	10	12	0.007
R1/4	<b>1/4HP3B</b>	14	16	0.018
R3/8	<b>3/8HP3B</b>	17	17	0.029
R1/2	<b>1/2HP3B</b>	22	21	0.060
R3/4	<b>3/4HP3B</b>	27	24	0.109
R1	<b>1HP3B</b>	36	27	0.196

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

Brass

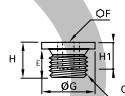


C		F	H	Kg
NPTF1/8	<b>218P-2</b>	716	14	0.008
NPTF1/4	<b>218P-4</b>	916	19	0.016
NPTF3/8	<b>218P-6</b>	1116	20	0.033
NPTF1/2	<b>218P-8</b>	78	25	0.044

\*F in Inch dimensions

## 0202 Internal Hexagon Head Plug with Collar, Male Metric Thread

Brass



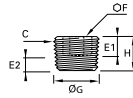
C		E	F	G	H	H1	Kg
M12x1	<b>0202 65 00</b>	9	6	17	11	8	0.009
M12x1.25	<b>0202 66 00</b>	9	6	17	11	8	0.009
M14x1.5	<b>0202 71 00</b>	10	6	19	13	10	0.015
M16x1.5	<b>0202 75 00</b>	10	8	22	13	10	0.019
M18x1.5	<b>0202 78 00</b>	10	10	24	13	10	0.023
M20x1.5	<b>0202 80 00</b>	10	12	26	13	10	0.025
M22x1.5	<b>0202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

Parallel metric threads, ISO standard NFE 03-054

# Steel Plugs

## 0206 Internal Hexagon Head Plug, Male BSPT Thread

Steel

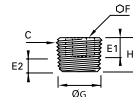


C	E1	E2 max	E2 min	F	G	H	Kg
R1/8 <b>0206 10 00</b>	4	3.9	2.1	5	9.7	8	0.003
R1/4 <b>0206 13 00</b>	5	5.8	3.2	7	13.2	10	0.007
R3/8 <b>0206 17 00</b>	5	5.8	3.2	8	16.7	10	0.012
R1/2 <b>0206 21 00</b>	5	6.8	3.2	10	21	10	0.022
R3/4 <b>0206 27 00</b>	6	7.8	4.2	12	26.4	12	0.048
R1 <b>0206 34 00</b>	6	9.3	4.7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

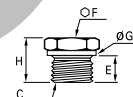


C	E1	E2 max	E2 min	F	G	H	Kg
NPT1/16 <b>0206 08 00</b>	6	6.4	3.8	4	7.8	7	0.002
NPT1/8 <b>0206 11 00</b>	6	5	3.2	5	10.2	8	0.003
NPT1/4 <b>0206 14 00</b>	8	7.2	4.4	6	13.6	10	0.007
NPT3/8 <b>0206 18 00</b>	8	7.5	4.7	8	17	11	0.012
NPT1/2 <b>0206 22 00</b>	8	9.9	6.3	10	21.2	13	0.023
NPT3/4 <b>0206 28 00</b>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

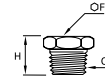


C	E	F	G	H	Kg
M8x1.25 <b>0210 57 00</b>	8	14	12	15	0.011
G1/8 <b>0210 10 00</b>	8	14	14	15	0.013
G1/4 <b>0210 13 00</b>	12	19	18	21	0.031
G3/8 <b>0210 17 00</b>	12	22	22	21	0.046
G1/2 <b>0210 21 00</b>	14	27	26	24	0.078
G3/4 <b>0210 27 00</b>	16	32	32	27	0.133
G1 <b>0210 34 00</b>	18	41	39	33	0.270

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

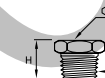


C	F	H	Kg
R1/8 <b>0216 10 00</b>	13	16	0.012
R1/4 <b>0216 13 00</b>	17	19	0.023
R3/8 <b>0216 17 00</b>	19	21	0.038
R1/2 <b>0216 21 00</b>	22	23	0.060

BSPT thread conforms to EN 10226-1

## 0216 Hex Head Plug, Male NPT Thread

Steel

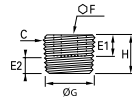


C	F	H	Kg
NPT1/8 <b>0216 11 00</b>	13	16	0.012
NPT1/4 <b>0216 14 00</b>	17	19	0.023
NPT1/2 <b>0216 22 00</b>	22	23	0.060

# Stainless Steel Plugs

## 0285 Internal Hexagon Head Plug, Male BSPT Thread

Stainless steel 316L

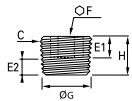


C		E1	E2 max	E2 min	F	G	H	Kg
R1/8	<b>0285 10 00</b>	4	3.9	2.1	5	9.7	8	0.003
R1/4	<b>0285 13 00</b>	5	5.8	3.2	7	13.1	10	0.007
R3/8	<b>0285 17 00</b>	5	5.8	3.2	8	16.7	10	0.012
R1/2	<b>0285 21 00</b>	5	6.8	3.2	10	21	10	0.024
R3/4	<b>0285 27 00</b>	6	7.8	4.2	12	26.4	12	0.051
R1	<b>0285 34 00</b>	6	9.3	4.7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

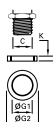


C		E1	E2 max	E2 min	F	G	H	Kg
NPT1/8	<b>0285 11 00</b>	6	5	3.2	5	10.2	8	0.003
NPT1/4	<b>0285 14 00</b>	8	7.2	4.4	6	13.6	10	0.007
NPT3/8	<b>0285 18 00</b>	8	7.5	4.7	8	17	11	0.013
NPT1/2	<b>0285 22 00</b>	8	9.9	6.3	10	21	13	0.025

Conforms to ANSI B1.20.1

## 0137 Bonded Seal

Zinc-plated steel with NBR seal



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

## 0602 Captive Sealing Washer

Technical polymer

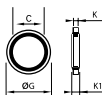


C		G1	G2	K	Kg
M5x0.8	<b>0602 29 93 15</b>	5.2	7.8	1.5	0.001
G1/8	<b>0602 23 10 20</b>	10.3	14	2	0.001
G1/4	<b>0602 23 11 20</b>	13.7	17.5	2	0.001
G3/8	<b>0602 23 12 20</b>	17.2	21	2	0.001
G1/2	<b>0602 23 13 20</b>	21.5	25.5	2.5	0.002
G3/4	<b>0602 27 32 20</b>	27	32	2.5	0.001
G1	<b>0602 30 60 20</b>	33.8	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	<b>0139 10 00</b>	14	1	1.7	0.001
G1/4	<b>0139 13 00</b>	17	1	1.7	0.001
G3/8	<b>0139 17 00</b>	22	1.2	2.1	0.001
G1/2	<b>0139 21 00</b>	26	1.6	2.5	0.002
G3/4	<b>0139 27 00</b>	32	1.5	2.5	0.003
G1	<b>0139 34 00</b>	39.6	1.7	2.6	0.003

Maximum allowable working pressure: 250 bar