Dedicated to lubrication and vacuum systems, this technology secures the connection and sealing performance at high pressures.

Ø metric: 4 to 10 mm

Technical Characteristics

- **Compatible Fluids:** Lubricants, compressed air, vacuum, other fluids and compatible gases
- **Working Pressure:** Vacuum to 60 bar
- **Working Temperature:** -40°C to +120°C

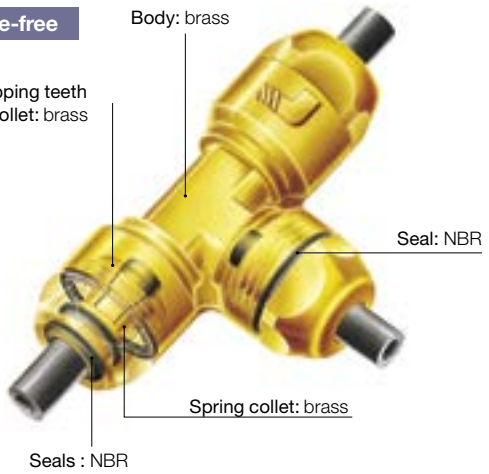
Max./Min. Tightening Torques (daN.m)	Thread	M6 x1	M8 x1	M8 x1.25	M10 x1	M12 x1	M14 x1.5	R 1/8	R 1/4
	Taper	0.2/ 0.6	0.2/ 1.2	0.2/ 1	0.2/ 1.2	0.2/ 2	0.5/ 1.5	0.2/ 1.0	0.5/ 1.5
	Parallel	-	0.6/ 1	-	0.6/ 1	1.8/ 2.2	-	-	-

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.

Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Component Materials

Silicone-free



Advantages

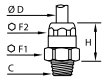
- Sealing guaranteed by 3 seals
- Tube cannot be disconnected without the use of a spanner
- Up to 60 bar, with rigid polymer or grooved metal tubing

Regulations

- **PED**
- **RoHS**
- **REACH**

6105 Stud Fitting, Male BSPT and Taper Metric Thread

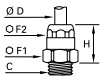
Brass, NBR



ØD	C		F1	F2	H	Kg
4	M6x1	**6105 04 52**	13	11	16.5	0.013
	M8x1	**6105 04 56**	13	11	14.5	0.012
	M8x1.25	**6105 04 57**	13	11	14.5	0.012
	M10x1	**6105 04 60**	13	11	14.5	0.015
	R1/8	**6105 04 10**	13	11	14.5	0.014
	R1/4	**6105 04 13**	14	11	12.5	0.018
6	M10x1	**6105 06 60**	17	14	16.5	0.024
	R1/8	**6105 06 10**	17	14	17.5	0.026
	R1/4	**6105 06 13**	17	14	16.5	0.029
8	M12x1	**6105 08 65**	19	21	24	0.041
10	M14x1.5	**6105 10 71**	22	24	26	0.005

6101 Stud Fitting, Male Parallel and Metric Thread

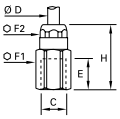
Brass, NBR



ØD	C		F1	F2	H	Kg
4	M10x1	**6101 04 60**	13	11	14	0.014
6	M10x1	**6101 06 60**	17	14	17.5	0.026
	M12x1	**6101 06 65**	17	14	16.5	0.025

6114 Stud Fitting, Female Metric Parallel Thread

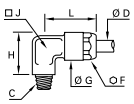
Brass, NBR



ØD	C		E	F1	F2	H	Kg
4	M8x1	**6114 04 56**	8	13	11	25.5	0.021
6	M8x1	**6114 06 56**	8	17	14	28.5	0.043

6179 Stud Elbow, Male BSPT and Taper Metric Thread

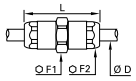
Brass, NBR



ØD	C		F	G	H	J	L	Kg
4	M6x1	**6179 04 52**	11	12.5	14.5	8	20	0.017
	M8x1	**6179 04 56**	11	12.5	14.5	8	20	0.018
	M8x1.25	**6179 04 57**	11	12.5	15	8	20	0.017
	M10x1	**6179 04 60**	11	12.5	15.5	8	20	0.019
	R1/8	**6179 04 10**	11	12.5	15	8	20	0.019
	R1/4	**6179 04 13**	11	12.5	17	10	20	0.030
6	M10x1	**6179 06 60**	14	16	18	10	25.5	0.033
	M12x1	**6179 06 65**	14	16	18	10	25.5	0.032
	R1/8	**6179 06 10**	14	16	18	10	25.5	0.035
	R1/4	**6179 06 13**	14	16	19	10	25.5	0.036
8	M12x1	**6179 08 65**	17	19	17.5	12	30	0.054

6106 Tube-to-Tube Connector

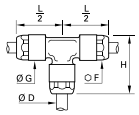
Brass, NBR



ØD		F1	F2	L	Kg
4	6106 04 00	13	11	34	0.025
6	6106 06 00	17	14	39	0.044
8	6106 08 00	19	17	46	0.069

6104 Equal Tee

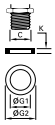
Brass, NBR



ØD		F	G	H	L/2	Kg
4	6104 04 00	11	12.5	26.5	20	0.034
6	6104 06 00	14	16	36	25.5	0.081
8	6104 08 00	17	19	39	30	0.111

0138 Copper Washer

Copper



C		G1	G2	K	Kg
M6	0138 06 00	6.2	9.9	1	0.033
M8	0138 08 00	8.2	11.4	1	0.001
G1/8	0138 10 00	10.2	13.4	1	0.001
M12	0138 12 00	12.2	15.4	1.5	0.001
M14	0138 14 00	14.2	17.9	1.5	0.001
M16	0138 16 00	16.2	19.9	1.5	0.001
M18	0138 18 00	18.2	21.9	1.5	0.001
M20	0138 20 00	20.2	23.9	1.5	0.001
M22	0138 22 00	22.2	26.9	1.5	0.002
M24	0138 24 00	24.3	28.9	2	0.003
M26	0138 26 00	26.3	30.9	2	0.003
M30	0138 30 00	30.3	37.9	2	0.004
M36	0138 36 00	36.3	41.9	2	0.005
G1/4	0138 13 00	13.2	17.9	1.5	0.001
G3/8	0138 17 00	17.2	20.9	1.5	0.001
G1/2	0138 21 00	21.1	25.9	1.5	0.002
G3/4	0138 27 00	27.3	31.9	2	0.003
G1	0138 33 00	33.3	38.9	2	0.005
G1 1/4	0138 42 00	42.3	48.9	2	0.007
G2	0138 60 00	60.5	67.8	2.5	0.014

DIN 7603
ISO 65061