

BRASS UNIVERSAL NOSE FITTINGS

SERIES 1000

Nose fittings for plastic, copper and brass tubes: Ø 4, 6, 8, 10, 12 mm
Fittings threads: BSP (G1/8, G1/4), BSPT (R1/8, R1/4, R3/8, R1/2)

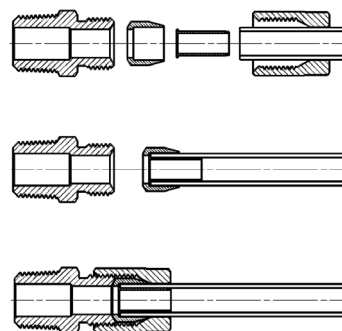


Series 1000 nose fittings are used with plastic tubes as well as with copper, brass, steel and aluminium tubes. These fittings, which are suitable for several applications, can be used within pneumatic, oil-pressure and low-pressure hydraulic circuits.

The fittings seats, noses and nuts comply with the DIN 3870-3861 standards.

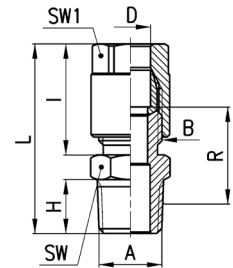
GENERAL DATA

Diameters	Ø 4 - 6 - 8 - 10 - 12 mm
Threads	GAS, conical ISO 7 (BSPT) GAS, cylindrical ISO 228 (BSP)
Temperature	see data for tubing used
Connecting tube	annealed copper and plastic tubes (with reinforcement)
Medium	compressed air and other low pressure fluids
Materials	nickel-plated brass
Working pressure	max 40 bar



BRASS UNIVERSAL NOSE FITTINGS
SERIES 1000 - DIMENSIONAL CHARACTERISTICS

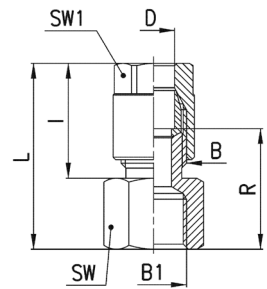
BSPT Male Connector Mod. 1050



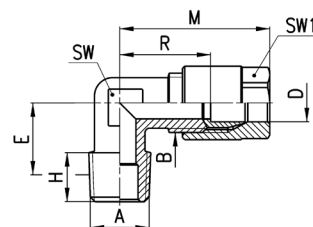
Mod.	D	A	B	H	I	L	R	SW	SW1	Weight [g]
1050 4-1/8	4	R1/8	1/8	7,5	19	31	14	12	12	19
1050 6-1/8	6	R1/8	1/8	7,5	19	31	14	12	12	18
1050 6-1/4	6	R1/4	1/8	11	19	35	16,5	14	12	23
1050 8-1/8	8	R1/8	1/4	7,5	23	35	15,5	14	14	29
1050 8-1/4	8	R1/4	1/4	11	23	39	18	14	14	33
1050 8-3/8	8	R3/8	1/4	11,5	23	39,5	18	17	14	40
1050 10-1/4	10	R1/4	3/8	11	25,5	41,5	18	17	17	51
1050 10-3/8	10	R3/8	3/8	11,5	25,5	42	18	17	17	55
1050 10-1/2	10	R1/2	3/8	14	25,5	45	18	22	17	65
1050 12-1/4	12	R1/4	M18x1,5	11	24,5	40,5	12	19	19	*
1050 12-3/8	12	R3/8	M18x1,5	11,5	24,5	41	12	19	19	*
1050 12-1/2	12	R1/2	M18x1,5	14	24,5	44	12	22	19	68

* = with bi-conical olive

BSP Female Connector Mod. 1063

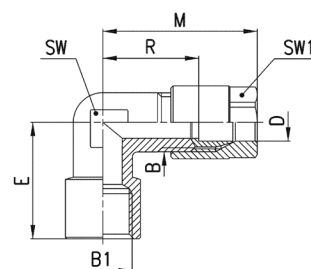


Mod.	D	B1	B	I	L	R	SW	SW1	Weight [g]
1063 4-1/8	4	G1/8	1/8	19	29	18,5	13	12	19
1063 6-1/8	6	G1/8	1/8	19	29	18,5	13	12	18
1063 6-1/4	6	G1/4	1/8	19	30,5	20	17	12	25
1063 8-1/8	8	G1/8	1/4	23	33	20	14	14	31
1063 8-1/4	8	G1/4	1/4	23	34,5	21,5	17	14	35

BSPT Fix Male Elbow Mod. 1020


Mod.	D	A	B	E	H	M	R	SW	SW1	Weight [g]
1020 4-1/8	4	R1/8	1/8	11,5	7,5	29,5	19	9	12	21
1020 6-1/8	6	R1/8	1/8	11,5	7,5	29,5	19	9	12	19
1020 6-1/4	6	R1/4	1/8	13,5	11	29,5	19	12	12	27
1020 8-1/8	8	R1/8	1/4	11,5	7,5	33	20	11	14	35
1020 8-1/4	8	R1/4	1/4	13,5	11	33	20	12	14	36
1020 8-3/8	8	R3/8	1/4	15,5	11,5	35	22	14	14	50
1020 10-1/4	10	R1/4	3/8	15	11	38	22,5	13	17	59
1020 10-3/8	10	R3/8	3/8	15,5	11,5	38	22,5	14	17	58
1020 10-1/2	10	R1/2	3/8	16	14	38	22,5	16	17	78
1020 12-1/4	12	R1/4	M18x1,5	15	11	37	16,5	15	19	*
1020 12-3/8	12	R3/8	M18x1,5	15	11,5	37	16,5	15	19	*
1020 12-1/2	12	R1/2	M18x1,5	16	14	37	16,5	16	19	*

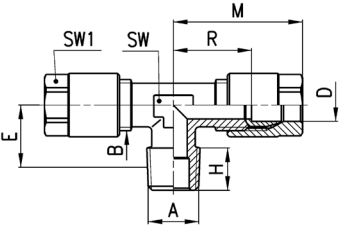
* = with bi-conical olive

BSP Female Elbow Mod. 1093


Mod.	D	B1	B	E	M	R	SW	SW1	Weight [g]
1093 4-1/8	4	G1/8	1/8	19	29,5	18,5	12	12	31
1093 6-1/8	6	G1/8	1/8	19	29,5	19	12	12	25
1093 6-1/4	6	G1/4	1/8	23	30,5	20	13	12	39
1093 8-1/8	8	G1/8	1/4	19	33	20	11	14	39
1093 8-1/4	8	G1/4	1/4	23	35	22	13	14	44

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SERIES 1000 - DIMENSIONAL CHARACTERISTICS

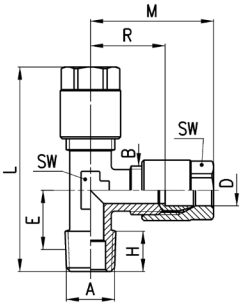
BSPT Fix Male Tee Mod. 1000



Mod.	D	A	B	E	H	M	R	SW	SW1	Weight [g]
1000 4-1/8	4	R1/8	1/8	11,5	7,5	29,5	19	9	12	35
1000 6-1/8	6	R1/8	1/8	11,5	7,5	29,5	19	9	12	33
1000 8-1/4	8	R1/4	1/4	13,5	11	33	20	12	14	63
1000 10-1/4	10	R1/4	3/8	15	11	38	22,5	13	17	104

FITTINGS, CONNECTORS AND TUBES

Lateral BSPT Fix Male Tee Mod. 1010

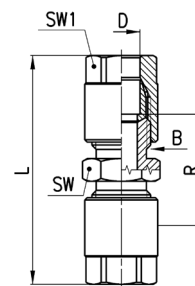


Mod.	D	A	B	E	H	L	M	R	SW	SW1	Weight [g]
1010 4-1/8	4	R1/8	1/8	11,5	7,5	48	29,5	19	9	12	37
1010 6-1/8	6	R1/8	1/8	11,5	7,5	48	29,5	19	9	12	33
1010 8-1/4	8	R1/4	1/4	13,5	11	54,5	33	20	12	14	61
1010 10-1/4	10	R1/4	3/8	15	11	61,5	38	22,5	13	17	103

BRASS UNIVERSAL NOSE FITTINGS

SERIES 1000 - DIMENSIONAL CHARACTERISTICS

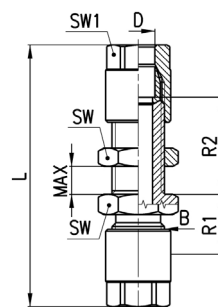
Union Connector Mod. 1230



Mod.	D	B	L	R	SW	SW1	Weight [g]
1230 4	4	1/8	42,5	21,5	12	12	29
1230 6	6	1/8	42,5	21,5	12	12	26
1230 8	8	1/4	51	25	14	14	48
1230 10	10	3/8	56	25	17	17	83
1230 12	12	M18x1,5	54	13	19	19	140 *

* = with bi-conical olive

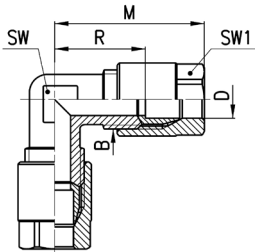
Bulkhead Connector Mod. 1250



Mod.	D	B	L	R1	R2	MAX	SW	SW1	Weight [g]
1250 4	4	1/8	57,5	12,5	23	12	14	12	40
1250 6	6	1/8	57,5	13	23,5	12	14	12	38
1250 8	8	1/4	65	15	24	13	17	14	67
1250 10	10	3/8	72,5	15	26,5	13	22	17	119

BRASS UNIVERSAL NOSE FITTINGS
SERIES 1000 - DIMENSIONAL CHARACTERISTICS

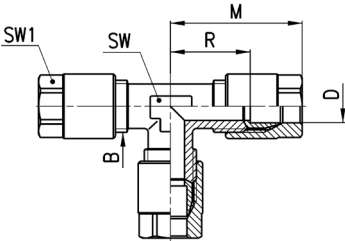
Elbow Connector Mod. 1220



Mod.	D	B	M	R	SW	SW1	Weight [g]
1220 4	4	1/8	29,5	19	9	12	31
1220 6	6	1/8	29,5	19	9	12	29
1220 8	8	1/4	33	20	11	14	53
1220 10	10	3/8	38	22,5	14	17	92
1220 12	12	M18x1,5	37	16,5	16	19	99 *

* = with bi-conical olive

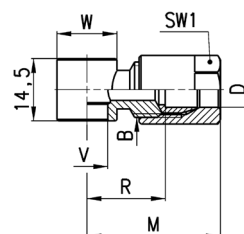
Tee Connector Mod. 1210



Mod.	D	B	M	R	SW	SW1	Weight [g]
1210 4	4	1/8	29,5	19	9	12	45
1210 6	6	1/8	29,5	19	9	12	42
1210 8	8	1/4	33	20	12	14	79
1210 10	10	3/8	38	22,5	13	17	133
1210 12	12	M18x1,5	37	16,5	16	19	144 *

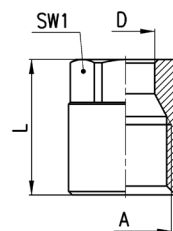
* = with bi-conical olive

Single Banjo Mod. 1170



Mod.	D	B	R	M	V	W	SW1	Weight [g]	Assembled with Mod.
1170 6-1/8	6	1/8	17,5	28	9,8	Ø14	12	20	1631, 1635, SCU, SVU, SCO...
1170 6-1/4	6	1/8	20	30,5	13,2	Ø18	12	24	1631, 1635, SCU, SVU, SCO...
1170 8-1/8	8	1/4	18	31	9,8	Ø14	14	31	1635, SCU, SVU, SCO...

Accessories Mod. 1303



Mod.	D	A	L	SW1	Weight [g]
1303 4-1/8	4	1/8	15,5	12	8
1303 6-1/8	6	1/8	15,5	12	8
1303 8-1/4	8	1/4	19	14	14
1303 10-3/8	10	3/8	21,5	17	24
1303 12-M18x1,5	12	M18x1,5	19,5	19	27

Accessories Mod. 1310

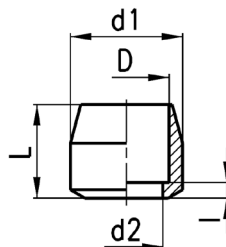


FIG. 1

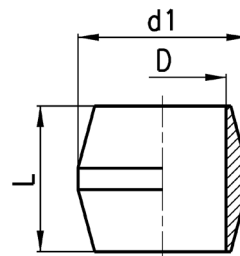


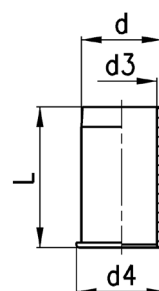
FIG. 2

Fig. 1 = olive
Fig. 2 = bi-conical olive

Mod.	D	D1	D2	I	L	Weight [g]
1310 4	4	7,8	3	1	8	2
1310 6	6	7,8	4,5	1	7	1
1310 8	8	10,8	7	1,5	9	3
1310 10	10	13,8	9	1,5	11,5	5
1310 12-M18	12	16,3	12	-	11	6 *

* = with bi-conical oliv

Accessories Mod. 1320



Mod.	D	D3	D4	L	Weight [g]
1320 4	4	3	5	12	1
1320 6	6	5	7	13	1
1320 8	8	7	9	14	1
1320 10	10	9	11	16	2