Nickel-Plated Brass Push-In Fittings Series 6000

Tube Diameter OD : 1/8", 5/32", 1/4", 5/16", 3/8", 1/2", 3 , 4, 5 , 6 , 8 , 10 , 12 , 14 or 16 mm
Thread Type : 10-32 UNF, 1/8", 1/4", 3/8", 1/2", 3/4" NPTF, BSP, Pro-Fit®, or Sprint®
(Reusable PTFE/Teflon thread seal)



Camozzi's all metal fittings are 100% electrolytic nickel-plated brass. Full ID tube flow is always maintained for maximum Cv ratings and quick cycle times. "Push-in" and lock the tube quickly and effortlessly.

Fittings also available in coated thread sealant, Loctite Vibra-Seal 516 (use "C" prefix in part code, see tables for available models).

Connection and disconnection of the tube can be repeated several times and can be performed using one hand and without the use of tools.

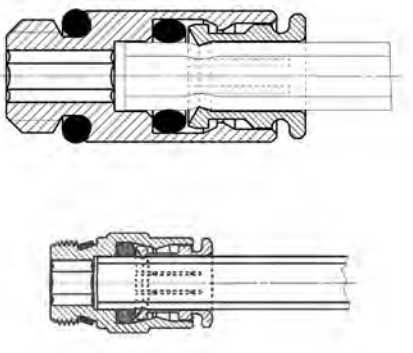
Pro-Fit® and Sprint® Torque Specifications

	Minimum Torque		Maximum Torque	
Thread Size	N-m	lb-ft	N-m	lb-ft
M5 [10-32 UNF]	0.400	0.295	2.000	1.475
1/8 NPTF or BSP	2.000	1.475	10.000	7.376
1/4 NPTF or BSP	4.000	2.950	20.000	14.751
3/8 NPTF or BSP	5.000	3.688	20.000	14.751
1/2 NPTF or BSP	8.000	5.900	40.000	29.502

GENERAL DATA

Material	Body and collet: nickel-plated brass, (UNI 5705 OT58) O-Ring: NBR (standard); Viton and EPDM available on request thread seal: PTFE - NBR - PA; Loctite Vibra-Seal 516 (red)
Threads	10-32 UNF, 1/8", 1/4", 3/8", 1/2" NPTF, Pro-Fit® M3 - M5 - M7 - G1/8 - G1/4 - G3/8 - G1/2 - G3/4 , Sprint® , GAS conical ISO 7 (BSPT), GAS cylindrical ISO 228 (BSP) *M5-M6 and other metric threads available on request
Pressure	min -0.9 bar - max 16 bar (28" Hg vacuum to 250 psi) (see tubing)
Tube to connect	Nylon 6, 11 or 12, polyethylene, PU, (Polyurethane recommended 90A durometer and above) Hytrel Polyester
Tube Diameters OD	Inch tubing: 1/8" - 5/32" - 1/4" - 5/16" - 3/8" - 1/2" Metric tubing: ø 3 - 4 - 5 -6 - 8 - 10 - 12 - 14 - 16 mm
Fluid	compressed air (for other types of fluid, contact our engineers)
Temperature	-20°C - 80°C , -4 F to 175 F (see data for tubing used) Micro: -10°C - 80°C (14 F to 175 F) (see data for tubing used)

Fitting with connecting tube



The company reserves the right to vary models and dimensions without notice.
These products are designed for industrial applications and are not suitable for sale to the general public.

Fittings Model 6550...

Union Elbow

INCH Tube Fittings

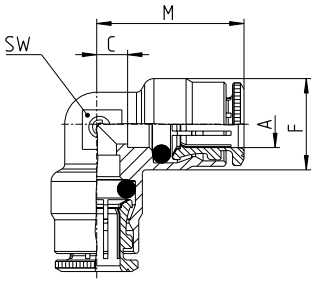
INCH Tube Fittings

DIMENSIONS (in inches)

Model	A OD	C	F	M	SW
6550 02-00	1/8	0.138	0.354	0.689	0.315
6550 53-00	5/32	0.138	0.354	0.689	0.315
6550 04-00	1/4	0.157	0.500	0.787	0.354
6550 05-00	5/16	0.197	0.559	0.886	0.433
6550 06-00	3/8	0.236	0.650	1.024	0.512
6550 08-00	1/2	0.280	0.768	1.043	0.591



6550



6550

METRIC Tube Fittings

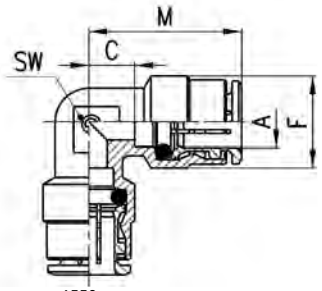
METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	C	F	M	SW	Weight (g)
6550 4	4	3.5	9	17.5	8	8
6550 5	5	5.5	10	20.5	9	15
6550 6	6	4	12.7	20	9	17
6550 8	8	5	14.2	22.5	11	22
6550 10	10	5.8	16.5	26	13	30
6550 12	12	7.3	19.5	26.5	15	44
6550 14	14	8.3	21.5	28.5	17	71



6550



6550

Fittings Model 6550

Reducing Union Elbow

INCH Tube Fittings

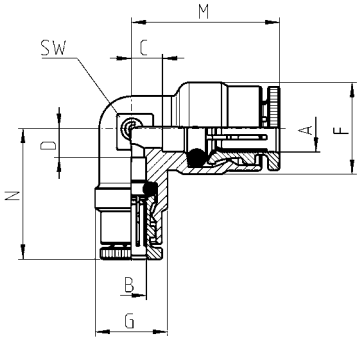
INCH Tube Fittings

DIMENSIONS (in inches)

Model	A OD	B OD	C	D	F	G	M	N	SW
6550 04-53	1/4	5/32	0.177	0.157	0.500	0.394	0.807	0.709	0.354
6550 06-04	3/8	1/4	0.236	0.177	0.650	0.500	1.024	0.827	0.512
6550 08-06	1/2	3/8	0.295	0.256	0.768	0.650	1.043	1.043	0.591



6550



6550

Fittings Model 6550 Micro

Elbow Union

METRIC Tube Fittings

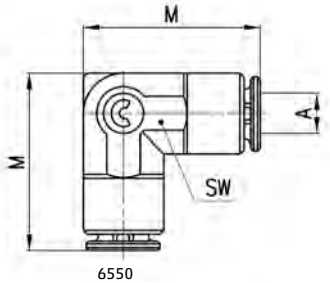
METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	M	SW	Weight (g)
6550 3	3	13.7	6	3



6550



6550

The company reserves the right to vary models and dimensions without notice.
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Fittings Model 6540...

Union Tee

INCH Tube Fittings

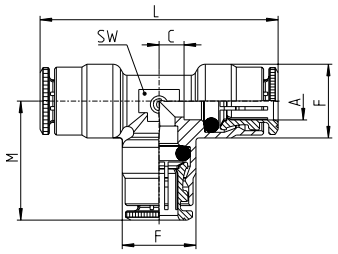
DIMENSIONS (in inches)

Model	A OD	C	F	L	M	SW
6540 02-00	1/8	0.138	0.354	1.378	0.689	0.315
6540 53-00	5/32	0.138	0.354	1.378	0.689	0.315
6540 04-00	1/4	0.157	0.500	1.575	0.787	0.354
6540 05-00	5/16	0.197	0.559	1.772	0.886	0.433
6540 06-00	3/8	0.236	0.650	2.087	1.024	0.512
6540 08-00	1/2	0.280	0.768	2.087	1.043	0.591



6540

INCH Tube Fittings



6540

METRIC Tube Fittings

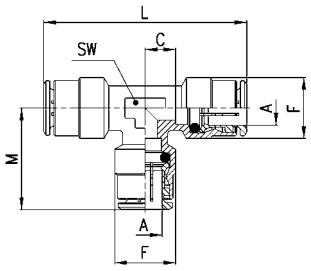
DIMENSIONS (in mm)

Model	A	C	F	L	M	SW	Weight (g)
6540 4	4	3.5	9	35	17.5	8	14
6540 5	5	5.5	10	41	20.5	9	21
6540 6	6	4	12.7	40	20	9	24
6540 8	8	5	14.2	45	22.5	11	32
6540 10	10	5.8	16.5	52	26	13	43
6540 12	12	7.3	19.5	53	26.5	15	60
6540 14	14	8.3	21.5	57	28.5	17	75



6540

METRIC Tube Fittings



6540

Fittings Model 6540 Micro

Tee Union

METRIC Tube Fittings

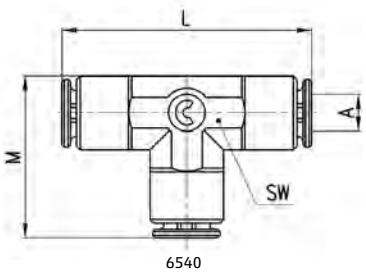
DIMENSIONS (in mm)

Model	A	L	M	SW	Weight (g)
6540 3	3	21.4	13.7	6	4



6540

METRIC Tube Fittings



6540

Fittings Model 6540

Reducing Union Tee

INCH Tube Fittings

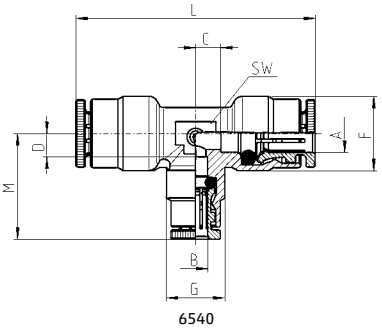
DIMENSIONS (in inches)

Model	A OD	B OD	C	D	F	G	L	M	SW
6540 04-04-02	1/4	1/8	0.177	0.157	0.500	0.354	1.614	0.709	0.354
6540 04-04-53	1/4	5/32	0.177	0.157	0.500	0.394	1.614	0.709	0.354
6540 06-06-04	3/8	1/4	0.236	0.197	0.650	0.500	2.047	0.827	0.512
6540 08-08-04	1/2	1/4	0.295	0.256	0.768	0.500	2.087	0.886	0.591
6540 08-08-06	1/2	3/8	0.295	0.256	0.768	0.650	2.087	1.043	0.591



6540

METRIC Tube Fittings



6540

The company reserves the right to vary models and dimensions without notice.
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Fittings Model 6560

Union "Y"

INCH Tube Fittings

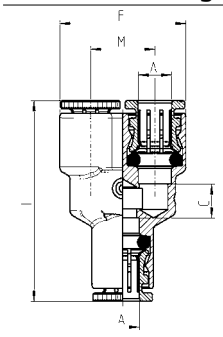
DIMENSIONS (in inches)

Model	A OD	C	F	L	M
6560 02-00	1/8	0.197	0.709	1.299	0.354
6560 53-00	5/32	0.197	0.709	1.299	0.354
6560 04-00	1/4	0.256	0.965	1.535	0.492
6560 06-00	3/8	0.531	1.260	2.106	0.630



6560

INCH Tube Fittings



6560

METRIC Tube Fittings

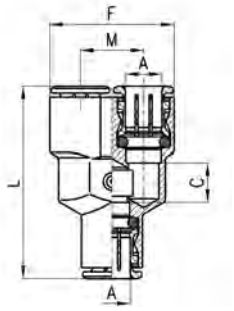
DIMENSIONS (in mm)

Model	A	C	F	L	M	Weight (g)
6560 4	4	5	18	33	9	19
6560 6	6	7	24.5	39	12.5	30
6560 8	8	9	28.5	44	14.5	42
6560 10	10	15.5	32	53.5	16	63



6560

METRIC Tube Fittings



6560

Fittings Model 6560 Micro

Y Union

METRIC Tube Fittings

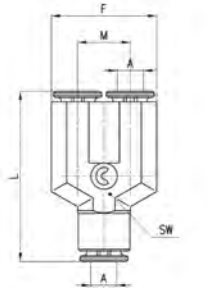
DIMENSIONS (in mm)

Model	A	F	L	M	SW	Weight (g)
6560 3	3	12	20.4	6	6	5



6560

METRIC Tube Fittings



6560

Fittings Model 6600

Cross Union

METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	F	L	M	SW	Weight (g)
6600 4	4	9	38	19	9	26
6600 5	5	10	41	20.5	9	29
6600 6	6	12.7	44	22	10	35
6600 8	8	14.2	49	24.5	12	50
6600 10	10	16.5	55	27.5	14	63
6600 12	12	19.5	56	28	16	84



6600

METRIC Tube Fittings



6600

The company reserves the right to vary models and dimensions without notice.
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Fittings Model 6580...

Union

INCH Tube Fittings

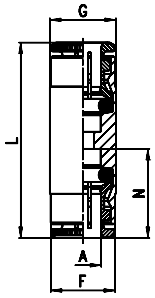
INCH Tube Fittings

DIMENSIONS (in inches)

Model	A OD	F	G	L	N
6580 02-00	1/8	0.331	0.354	1.142	0.551
6580 53-00	5/32	0.331	0.354	1.142	0.551
6580 04-00	1/4	0.461	0.472	1.319	0.638
6580 05-00	5/16	0.539	0.551	1.457	0.689
6580 06-00	3/8	0.606	0.669	1.614	0.787
6580 08-00	1/2	0.720	0.748	1.555	0.756



6580



6580

METRIC Tube Fittings

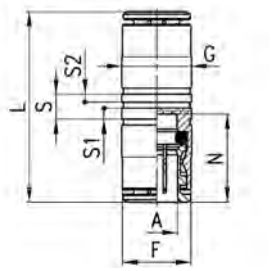
METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	F	G	L	N	S	S1	S2	Weight (g)
6580 3	3	5.8		19.9	-	2.2	-	-	2
6580 4	4	8.4	9	29	14	5	2.2	1.6	11
6580 5	5	9.4	10	31	15	5	2.2	1.6	15
6580 6	6	11.7	12	34	16	5	2.2	1.6	16
6580 8	8	13.7	14	37	17.5	5	2.2	1.6	23
6580 10	10	15.4	17	41.5	20.2	5	2.2	1.6	33
6580 12	12	18.3	19	39.5	19.2	5.2	2.2	1.6	40
6580 14	14	20.5	21	41.5	20.2	5.2	2.2	1.6	47
6580 16	16	-	47	47	23	-	-	-	60



6580



6580

Fittings Model 6580

Reducing Union

INCH Tube Fittings

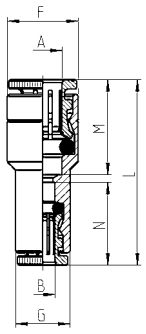
INCH Tube Fittings

DIMENSIONS (in inches)

Model	A OD	B OD	F	G	L	M	N
6580 04-02	1/4	1/8	0.472	0.362	1.240	0.630	0.551
6580 04-53	1/4	5/32	0.472	0.362	1.240	0.630	0.551
6580 06-04	3/8	1/4	0.630	0.472	1.496	0.787	0.630



6580



6580

METRIC Tube Fittings

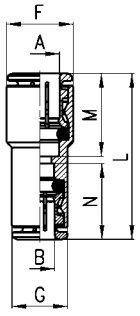
METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	B	F	G	L	M	N	Weight (g)
6580 6-4	6	4	12	9	31.5	16	14	12
6580 8-6	8	6	14	12.2	35	17.5	16	19
6580 10-8	10	8	16	14	39	20	17.5	25
6580 12-10	12	10	19	16	40.5	19	20	35



6580



6580

The company reserves the right to vary models and dimensions without notice.
These products are designed for industrial applications and are not suitable for sale to the general public.

Fittings Model 6590...

Bulkhead Union

INCH Tube Fittings

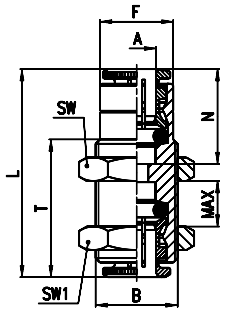
INCH Tube Fittings

DIMENSIONS (in inches)

Model	A OD	B	F	L	N	MAX	SW	SW1	T
6590 02-00	1/8	M10X1	0.346	1.142	0.551	0.453	0.551	0.551	0.866
6590 53-00	5/32	M10X1	0.346	1.142	0.551	0.413	0.551	0.551	0.866
6590 04-00	1/4	M14X1	0.492	1.319	0.638	0.453	0.669	0.669	0.925
6590 05-00	5/16	M16X1	0.571	1.417	0.689	0.453	0.748	0.748	0.925
6590 06-00	3/8	M18X1	0.622	1.614	0.787	0.512	0.866	0.866	1.024
6590 08-00	1/2	M20X1	0.740	1.555	0.756	0.571	0.945	0.945	1.083



6590



6590

METRIC Tube Fittings

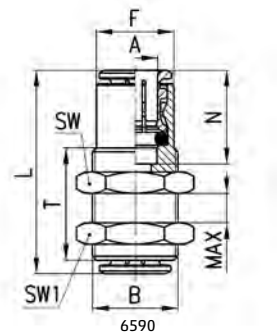
METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	B	F	L	N	MAX	SW	SW1	T	Weight (g)
6590 4	4	M10x1	8.8	29	14	10.5	14	14	20	16
6590 5	5	M12x1	9.8	31	15	10.5	17	17	20	25
6590 6	6	M14x1	12.5	33	16	10.5	17	17	20	28
6590 8	8	M16x1	14.5	36	17.5	11.5	19	19	21	35
6590 10	10	M18x1	16.3	41.5	20.2	13	22	22	23.5	51
6590 12	12	M20x1	18.8	39.5	19.2	14.5	24	24	25	56
6590 14	14	M22x1	20.5	41.5	20.2	17.5	27	27	30	82



6590



6590

Fittings Model 6590 Micro

Bulkhead Union

METRIC Tube Fittings

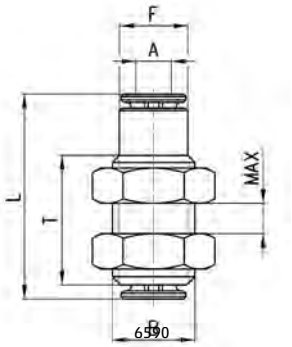
METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	B	F	L	MAX	T	Weight (g)
6590 3	3	M7x0.75	5.8	18.4	5	11.4	4



6590



6590

The company reserves the right to vary models and dimensions without notice.
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Fittings Model 6800

Plug-in Reducer

INCH Tube Fittings

INCH Tube Fittings

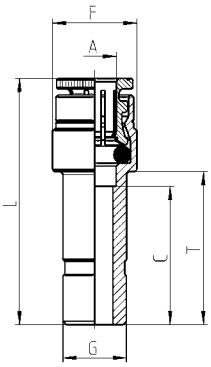
DIMENSIONS (in inches)

Model	A OD	G STEM OD	C	F	L	T
6800 02-53	1/8	5/32	0.689	0.354	1.240	0.650
6800 02-04	1/8	1/4	0.610	0.354	1.161	0.709
6800 53-04	5/32	1/4	0.610	0.354	1.161	0.709
6800 53-06	5/32	3/8	0.689	0.379	1.220	0.906
6800 04-05	1/4	5/16	0.728	0.500	1.358	0.807
6800 04-06	1/4	3/8	0.827	0.500	1.457	0.906
6800 04-08	1/4	1/2	0.689	0.504	1.319	0.945
6800 05-06	5/16	3/8	0.787	0.551	1.496	0.906
6800 05-08	5/16	1/2	0.846	0.551	1.535	0.945
6800 06-08	3/8	1/2	0.787	0.650	1.575	0.945

INCH Tube Fittings



6800



6800

METRIC Tube Fittings

METRIC Tube Fittings

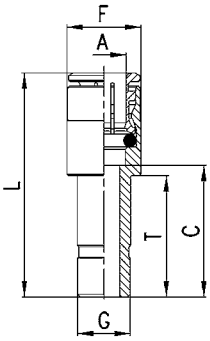
DIMENSIONS (in mm)

Model	A	G	C	F	L	T	Weight (g)
6800 4-5	4	5	19	9	33	18	8
6800 4-6	4	6	15.5	9	29.5	18	9
6800 4-8	4	8	18	9	32	20.5	10
6800 5-6	5	6	19	10	34	18	11
6800 5-8	5	8	18	10	33	20.5	12
6800 6-8	6	8	18	12.7	34	20.5	12
6800 6-10	6	10	20.5	12.7	36.5	23	17
6800 6-12	6	12	17.5	12.7	33.5	24	21
6800 8-10	8	10	20.5	14	38	23	15
6800 8-12	8	12	21.5	14	39	24	22
6800 10-12	10	12	20.3	16.5	40.5	24	27
6800 10-14	10	14	24.3	16.5	44.5	28	33
6800 12-14	12	14	24.3	18.8	45.5	28	27

METRIC Tube Fittings



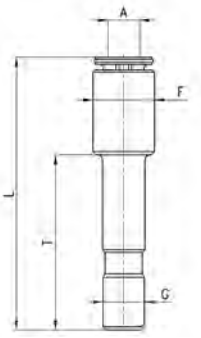
6800



6800



6800



6800

METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	F	G	L	T	Weight (g)
6800 3-4	3	5.8	4	26	16.5	2

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Fittings Model 6950...

Double Stem Union

INCH Tube Fittings

DIMENSIONS (in inches)

Model	G STEM OD	L
6950 02-00	1/8	1.279
6950 53-00	5/32	1.279
6950 04-00	1/4	1.397
6950 05-00	5/16	1.594
6950 06-00	3/8	1.811
6950 08-00	1/2	1.889

METRIC Tube Fittings

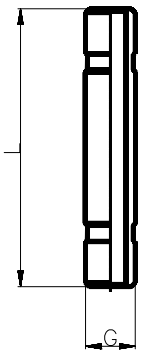
DIMENSIONS (in mm)

Model	G	L	Weight (g)
6950 4	4	32.5	3
6950 6	6	35.5	4
6950 8	8	40.5	7
6950 10	10	46	10
6950 12	12	48	13
6950 14	14	52	17

INCH Tube Fittings



6950

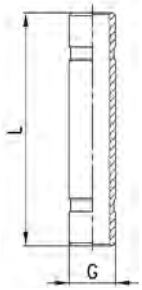


6950

METRIC Tube Fittings



6950



6950

Fittings Models 6810 and 6811...

Male Plug-in Stem

INCH Tube Fittings

DIMENSIONS (in inches)

Model	G STEM OD	D NPTF	H	T	L	SW
6810 02-02	1/8	1/8	.315	.649	1.141	.472
6810 02-04	1/8	1/4	.472	.649	1.319	.551
6810 53-02	5/32	1/8	.315	.649	1.141	.472
6810 53-04	5/32	1/4	.472	.649	1.319	.551
6810 04-02	1/4	1/8	.315	.708	1.200	.472
6810 04-04	1/4	1/4	.472	.708	1.378	.551
6810 05-02	5/16	1/8	.315	.807	1.299	.472
6810 05-04	5/16	1/4	.472	.807	1.476	.551
6810 06-04	3/8	1/4	.472	.905	1.575	.551
6810 06-06	3/8	3/8	.472	.905	1.575	.748
6810 08-06	1/2	3/8	.472	.944	1.614	.748
6810 08-08	1/2	3/8	.610	.944	1.772	.866

METRIC Tube Fittings

DIMENSIONS (in mm)

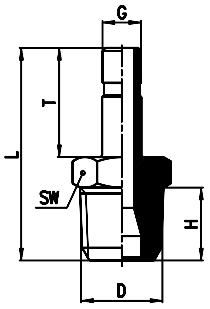
Model	G	D	H	T	L	SW	Weight (g)	
6811 4-M5	4	M5	4	16.5	24.5	8	3	*
6811 4-1/8	4	G1/8	5.5	16.5	27.8	12	10	
6811 5-1/8	5	G1/8	5.5	18	29.3	12	9	
6811 5-1/4	5	G1/4	7	18	31	14	11	
6811 6-1/8	6	G1/8	5.5	18	29.3	12	10	
6811 6-1/4	6	G1/4	7	18	31	14	12	
6811 8-1/8	8	G1/8	5.5	20.5	31.8	12	12	
6811 8-1/4	8	G1/4	7	20.5	33.5	14	13	
6811 10-1/4	10	G1/4	7	23	36	14	16	
6811 10-3/8	10	G3/8	8	23	37.3	19	25	
6811 12-3/8	12	G3/8	8	24	38.3	19	25	
6811 14-1/2	14	G1/2	9	28	44	22	39	

* = with O-Ring

INCH Tube Fittings



6810

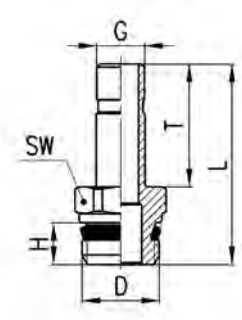


6810

METRIC Tube Fittings



6811



6811

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Fittings Model 6750

Tube Cap

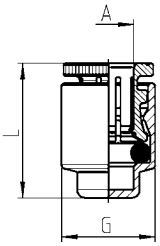
INCH Tube Fittings

INCH Tube Fittings

DIMENSIONS (in inches)

Model	A OD	G	L
6750 53-00	5/32	0.346	0.610
6750-04-00	1/4	0.472	0.669
6750 06-00	3/8	0.602	0.827
6750 08-00	1/2	0.717	0.787


6750



6750

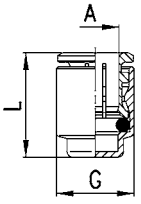
METRIC Tube Fittings

METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	G	L	Weight (g)
6750 4	4	8.8	15	4
6750 6	6	11.8	17	7
6750 8	8	13.8	18.5	9
6750 10	10	15.8	21	12
6750 12	12	17.8	20	15


6750



6750

Fitting Protection Cap Model 6708

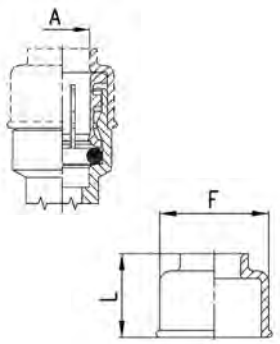
Color: Black
Self-extinguishing material, class V0

METRIC Tube Fittings

DIMENSIONS (in mm)

Model	A	F	L	Weight (g)
6708 4	4	10.7	10.7	1
6708 5	5	11.7	11	1
6708 6	6	13.7	11.5	1
6708 8	8	15.7	12.5	1
6708 10	10	18.5	13	1
6708 12	12	20.7	15	2
6708 14	14	23.7	15	2


6708



6708

Fittings Model 6900...

Plug (Nylon®)

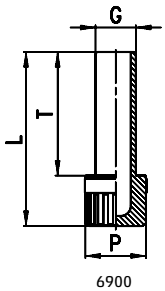
INCH Tube Fittings

INCH Tube Fittings

DIMENSIONS (in inches)

Model	G STEM OD	L	P	T
6900 02-00	1/8	1.063	.236	.787
6900 53-00	5/32	1.141	.315	.787
6900 04-00	1/4	1.240	.315	.885
6900 05-00	5/16	1.358	.472	.964
6900 06-00	3/8	1.456	.472	1.063
6900 08-00	1/2	1.594	.630	1.122


6900



6900

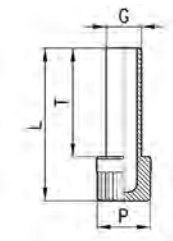
METRIC Tube Fittings

METRIC Tube Fittings

DIMENSIONS (in mm)

Model	G	L	P	T	Weight (g)
6900 3	3	20.5	6	13.5	1
6900 4	4	29	8	20	1
6900 5	5	29.5	8	20.5	1
6900 6	6	31.5	8	22.5	1
6900 8	8	34.5	12	24.5	2
6900 10	10	37	12	27	2
6900 12	12	40.5	16	28.5	3
6900 14	14	42.5	16	30.5	3


6900



6900

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