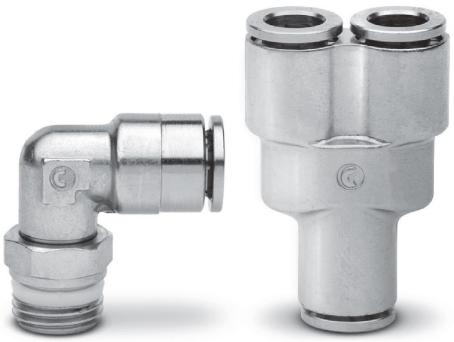
NICKEL-PLATED BRASS PUSH-IN FITTINGS

SERIES 6000 - INCH

News

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.

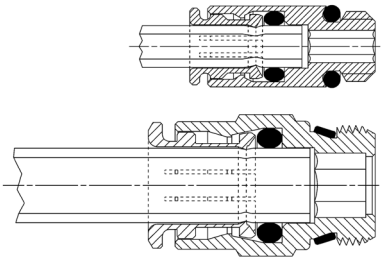
Fittings also available in coated thread sealant, Loctite Vibra-Seal 516 (use "C" prefix in part code, see tables for available models).

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

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 diameter	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 [°C]	-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)

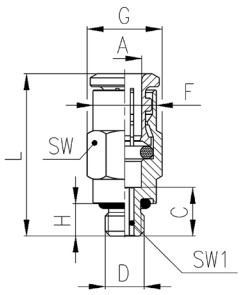
Fitting with connecting tube



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Male straight Mod. 6512 - Inch



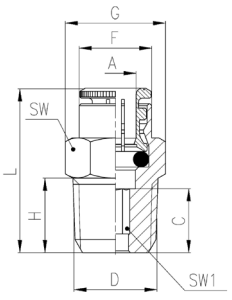


Mod.	A OD	D UNF	C	F	G	H	L	SW	SW1	
6512 02-32	1/8	10-32	0.236	0.307	0.363	0.157	0.787	0.315	0.078	●
6512 53-32	5/32	10-32	0.236	0.307	0.363	0.157	0.787	0.315	0.078	●

● = with O-Ring

Full Thread Male Connector Mod. 6510





*add 'C' for sealant coated fittings (e.g. 6510 02-02 becomes C6510 02-02)

Mod.	A OD	D NPTF	C	F	G	H	L	SW	SW1
6510 02-02	1/8	1/8	0.197	0.346	0.551	0.315	0.748	0.472	0.098
6510 02-04	1/8	1/4	0.354	0.346	0.630	0.472	0.906	0.551	0.098
6510 53-02	5/32	1/8	0.197	0.346	0.551	0.315	0.748	0.472	0.098
6510 53-04	5/32	1/4	0.354	0.346	0.630	0.472	0.906	0.551	0.098
6510 04-02	1/4	1/8	0.287	0.461	0.551	0.315	0.925	0.472	0.157
6510 04-04	1/4	1/4	0.406	0.461	0.630	0.472	1.043	0.551	0.157
6510 04-06	1/4	3/8	0.425	0.461	0.866	0.472	1.063	0.748	0.157
6510 05-02	5/16	1/8	0.394	0.539	0.630	0.315	1.083	0.551	0.197
6510 05-04	5/16	1/4	0.413	0.539	0.630	0.472	1.102	0.551	0.236
6510 05-06	5/16	3/8	0.413	0.539	0.866	0.472	1.102	0.748	0.236
6510 06-02	3/8	1/8	0.394	0.606	0.776	0.315	1.181	0.669	0.157
6510 06-04	3/8	1/4	0.551	0.606	0.776	0.472	1.339	0.669	0.276
6510 06-06	3/8	3/8	0.354	0.606	0.866	0.472	1.142	0.748	0.276
6510 06-08	3/8	1/2	0.374	0.606	1.004	0.610	1.161	0.866	0.276
6510 08-04	1/2	1/4	0.563	0.720	0.866	0.472	1.299	0.748	0.276
6510 08-06	1/2	3/8	0.484	0.720	0.866	0.472	1.240	0.748	0.394
6510 08-08	1/2	1/2	0.425	0.720	1.004	0.610	1.181	0.866	0.394

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