

# Brass super-rapid fittings for plastic tubes

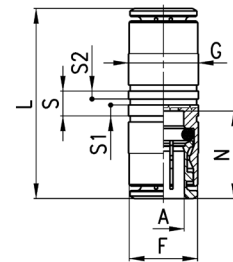
Series 6000 super-rapid fittings have been designed with a special collet which provides an homogeneous tight on the whole surface of plastic tubes, thus ensuring high reliability and a long service life, also after connections and disconnections of the tube are repeated several times. Many types of threads are also available: metric, BSPP and BSPT.

The Sprint® models are characterized by great adaptability of male threads with BSPP parallel (ISO-228) female threads even in the presence of non-flat or irregular surfaces. This is possible thanks to a Teflon ring on the male thread, which guarantees a perfect seal between the two threads.

The wide range of these fittings includes the LF version ("Stop Fitting") which is equipped with a self-retaining device interrupting the air flow when the tube is disconnected and restores it when reconnected.

## Fittings Mod. 6580

Union Connector



DIMENSIONS									
Mod.	A	F	G	L	N	S	S1	S2	Weight (g)
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

## GENERAL DATA

<b>Diameters</b>	ø 4 - 5 - 6 - 8 - 10 - 12 - 14 - 16 mm Micro models: ø 3 - 4 - 6 - 8 - 10 mm
<b>Threads</b>	GAS conical ISO 7 (BSPT) GAS cylindrical ISO 228 (BSPP); M5-M6 and other metric threads available on request; NPT on request Micro models: M3 - M5 - M7 - G1/8 - G1/4
<b>Temperature</b>	-20°C ÷ 80°C (see the technical data of tubing used) Micro models: -10°C ÷ 80°C (see the technical data of tubing used)
<b>Tube to connect</b>	Polyamide (PA) 6 - 11 - 12, Polyurethane (PU), Polyethylene (PE), hytrel Polyester
<b>Fluid</b>	compressed air (for other types of fluid, contact our engineers)
<b>Materials</b>	- standard models: body and collet in nickel-plated brass, O-Ring in NBR, thread seals in PTFE - NBR - PA - models with self-retaining device: body and collet in nickel-plated brass, poppet valve in brass, spring in stainless steel, O-Ring in NBR, thread seals in PTFE - 6700 models: body in brass, collet in nickel-plated brass, O-Ring in NBR
<b>Working pressure</b>	- standard models: min -0,9 bar - max 16 bar (see tubing) - models with self-retaining device: 0 ÷ 16 bar

## Fitting with connecting tube

