



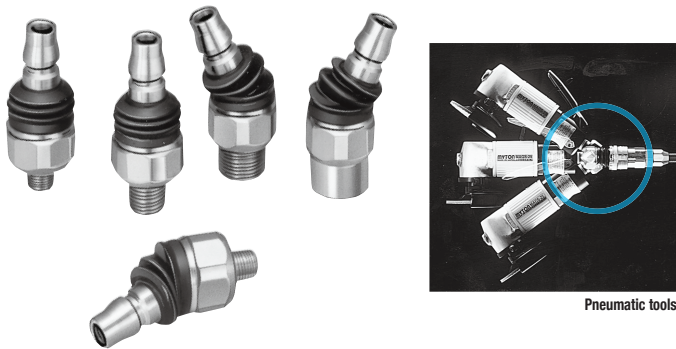
TWIST PLUG

For pneumatic tools and devices

Working pressure 1.0 1.0 MPa {10 kgf/cm ² }	Valve structure  One-way shut-off	Applicable fluid  Air
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Eliminates hose twisting, kinking, or bending! Greatly improves working efficiency!

- A plug with a free twisting neck for hose connections to pneumatic tools and devices.
- Free angle control (max.70° flexible) provides comfortable job positions, even in narrow spaces or with overhead works.
- The flexible part is reinforced with self-lubricating plastics to give smooth bending action and excellent durability.
- Dust protector over the flexible part prevents dirt and swarf from entering.

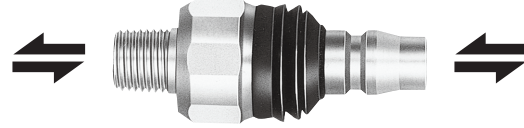


Specifications				
Body material	Steel (Nickel plated)			
Size (Thread)	1/8", 1/4", 3/8"			
Pressure unit	MPa	kgf/cm ²	bar	PSI
Working pressure	1.0	10	10	145
Seal material	Seal material	Mark	Working temperature range	Remarks
Working temperature range	Nitrile rubber	NBR (SG)	-20°C to +60°C	Standard material

Maximum Tightening Torque			Nm {kgf·cm}
Size (Thread)	1/8"	1/4"	3/8"
Torque	7 {71}	14 {143}	22 {224}

Flow Direction

Fluid flow can be bi-directional when socket and plug are connected.



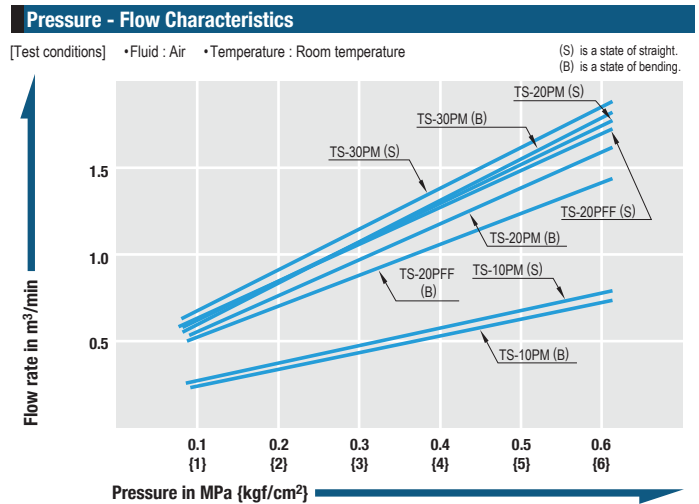
Interchangeability

Interchangeable with sockets of HI CUPLA models 10, 17, 20, 30 and 40.
Interchangeable with each models of NUT CUPLA series and HI CUPLA series (except models 400, 600, and 800).
Please see [page 19](#) for "HI CUPLA Series Interchangeability".

Suitability for Vacuum

Not suitable for vacuum application in either connected or disconnected condition.

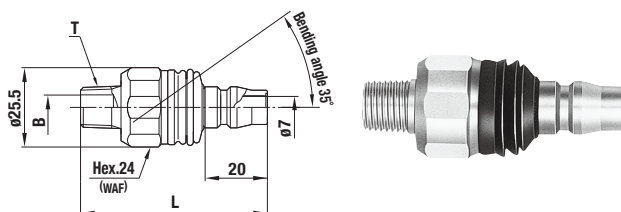
Minimum Cross-Sectional Area (mm ²)				
Model	TS-10PM	TS-20PM	TS-30PM	TS-20PFF
Min. cross-sectional area	12.5	38.5	38.5	38.5



Models and Dimensions

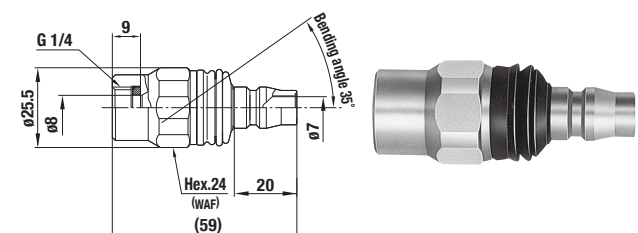
WAF : WAF stands for width across flats.

Plug PM type (Male thread)



Model	Application (Thread)	Mass (g)	Dimensions (mm)		
			L	øB	T
TS-10PM	Rc 1/8	59	(57.5)	4	R 1/8
TS-20PM	Rc 1/4	59	(60)	8	R 1/4
TS-30PM	Rc 3/8	65	(60)	10	R 3/8

Plug Model TS-20PFF (Female thread)



• Application (Thread) : G 1/4
• Mass : 77 g

Dimensions (mm)