

For Low Pressure (Air)

# ROTARY PLUG

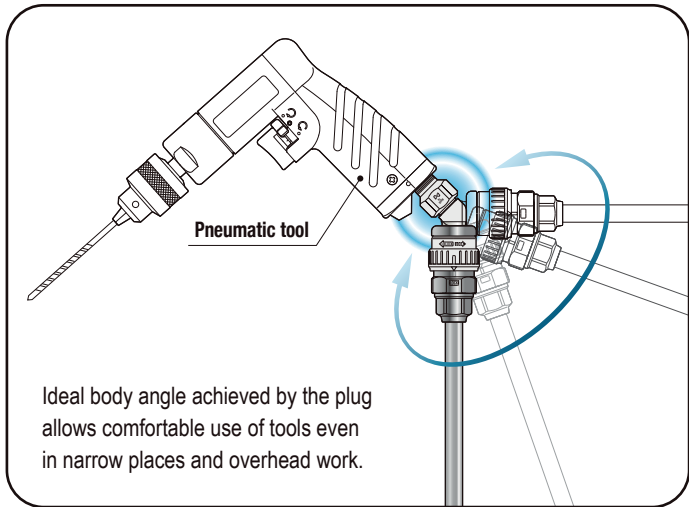
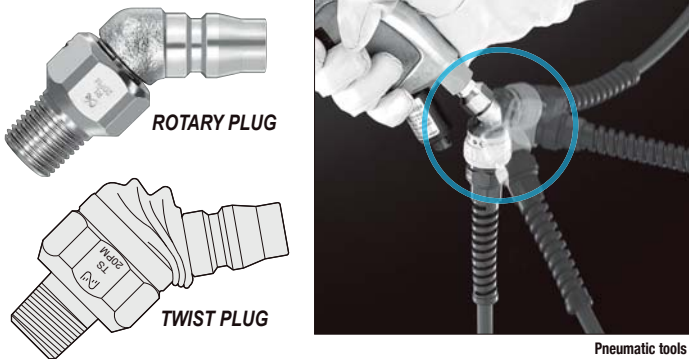
For pneumatic tools and devices

<b>Working pressure</b> 1.5 1.5 MPa (15 kgf/cm <sup>2</sup> )	<b>Valve structure</b> One-way shut-off	<b>Applicable fluid</b> Air
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**Rotary function allows 360° swivelling!**  
**Big improvement for handling of pneumatic tools!**

- Rotary neck plug for hose connection to pneumatic tools and pneumatic devices.
- Fits at 45° angle to the tool eliminating annoying offset load caused by connected hose.
- Ideal compact design enables optimum workability by simple body structure. Now far lighter and smaller than conventional models.
- New dust-proof design for increased durability.
- For air tackers, nailers, impact wrenches and other pneumatic tools.

**Comparison by appearance**



Specifications				
Body material	Steel (Nickel plated)			
Size (Thread)	1/4", 3/8"			
Pressure unit	MPa	kgf/cm <sup>2</sup>	bar	PSI
Working pressure	1.5	15	15	218
Seal material	Seal material	Mark	Working temperature range	Remarks
Working temperature range*1	Nitrile rubber	NBR	-20°C to +80°C	Standard material

\*1: The operable temperature range depends on the operating conditions.

Maximum Tightening Torque	Nm {kgf·cm}	
Size (Thread)	1/4"	3/8"
Torque	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, 40 and 60. Interchangeable with each models of NUT CUPLA series and HI CUPLA series (except models 400, 600, and 800). Please see page 21 for "HI CUPLA Series Interchangeability".

Minimum Cross-Sectional Area	(mm <sup>2</sup> )		
Model	RL-20PM	RL-30PM	RL-20PFF
Minimum cross-sectional area	28	28	28

**Suitability for Vacuum**

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

**Models and Dimensions** WAF : WAF stands for width across flats.

**Plug PM type (Male thread)**

Model	Application (Thread)	Mass (g)	Dimensions (mm)		
			L	D	T
RL-20PM	Rc 1/4	52	(52.1)	(34.1)	R 1/4
RL-30PM	Rc 3/8	73	(50.8)	(32.8)	R 3/8

**Plug Model RL-20PFF type (Female thread)**

● Application (Thread) : G 1/4  
● Mass : 57 g

Dimensions (mm)