



SIMPSON COMPONENTS LTD
HYDRAULICS & PNEUMATICS DIRECT

IPSO – PUSH-IN FITTINGS MR



- Push-in system with elastic clamp made of stainless steel
- Thrusting made of brass, nickel-plated, for many applications
- Tube assembly with one movement
- For tubes in various materials
- Small-scale and low weight
- Silicon-free O-rings
- O-ring in sealing channel – for rough surfaces
- Modular, flexible structure
- Hexagon socket for easy assembly

Operating temperature	-20°C to +70°C -20°C to +80°C	For fittings with PVC seal For fittings with NBR O-rings
Operating pressure	Up to 16 bar	Dependent on the pressure range of the tube used
Vacuum	max 98%	
Materials	Brass housing, nickel-plated NBR seals Stainless steel clamp Brass thrust ring, nickel-plated	CW614N and CW617N Silicon-free AISI 316L CW614N
Thread	Cyl. thread, DIN EN ISO 228 Con. thread, DIN EN 10226 (DIN 2999) Metr. thread, DIN ISO 261	Cylindrical with O-ring seal
Medium	Lubricated and non-lubricated compressed air	Mediums which are compatible with the component materials
Tubes	For tubes in line with ISO 14743 Tolerances for external Ø 4 to 8: ±0.1 Tolerances for external Ø 10 to 14: ±0.15 (PU) 10 to 14: ±0.1 (PA)	Recommended materials, PU, PA

Druckring aus Messing (CW614N), vernickelt
Nickel-plated brass thrust-ring (CW614N)

Gehäuse aus Messing (CW614N), vernickelt
Nickel-plated brass body (CW614N)

Spannzange aus Edelstahl (AISI 316L)
Stainless steel clamp (AISI 316L)

Dichtungen aus NBR, silikonfreie Mischung
Sealing NBR silicon-free material

