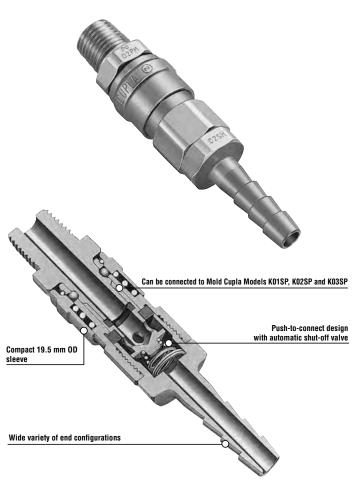
For Low Pressure (Air) **Super Cupla** Light, compact for air piping connections

The lightweight design makes the **Cupla best suited to power tools! Push-to-connect for easy operation.**

- Lightweight design suits direct connection to power tools. Aluminum body is adopted for some models to reduce the weight.
- Just push the plug into socket for easy one hand connection.
- Available in various end configurations for a wide range of pneumatic
- Model 02S20P can be connected with sockets for Hi Cupla Models 10, 17, 20, 30 and 40.
- Also available with quick connect / disconnect Tube Fitter type.



Specifications							
Body material		Cupla : Steel (Chrome plated), Aluminum alloy Tube Fitter Part : Brass (Nickel plated)					
Size	Thread	1/8", 1/4"					
	Hose barb	1/4", Urethane hose : ø5 x ø8, ø6.5 x ø10					
	Tube barb (Tube fitter)	Polyurethane tube: Outside Dia. $\emptyset 6 \pm 0.1$, $\emptyset 8 \pm 0.15$ Polyamide tube: Outside Dia. $\emptyset 6^{+0.05}_{-0.08}$, $\emptyset 8^{+0.05}_{-0.1}$ Fluorine contained resin tube: Outside Dia. $\emptyset 6 \pm 0.07$, $\emptyset 8 \pm 0.07$					
Pressure unit		MPa	kgf/cm²	bar	PSI		
Working pressure		1.0 10		10	145		
Seal material Working temperature range		Seal material	Mark	Working temperature range	Remarks		
		Nitrile rubber	NBR (SG)	-20°C to +80°C	Standard materia		

 Above specifications apply only to Cuplas. Max working pressure and working temperature range may vary depending on tube materials you use with and the working temperature. Cupla with Tube Fitter has NBR packing material only.

Max. Tightening Torque Nm {kgf•cm}				
Size (Thread)	1/8"	1/4"		
Torque	7 {71}	14 {143}		

Tightening Torque Range		Nm {kgf•cm}
	PN Type, SN Type	
	9 to 11 {92 to 112}	

To mount on urethane hose, slide it over to the hose barb and tighten the nut until it is flush against the hose barb base. It is recommended that grease is applied to the inside of the nut (threaded part and hose contact part) for easy tightening.

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

Any socket and plug can be connected regardless of their sizes and end configurations.

*Can be connected with Mold Cuplas.

*When conversion socket+plug Model 02S20P is used, Super Cupla plugs can be connected with sockets for Hi Cupla Models 20, 30 and 40.

Min. Cross-Sectional Area (mm²						(mm²)
Plug Socket	01PN	02PC-6 02PCL-6	02PC-8 02PCL-8	02PH 01PM	02PN	02PM 02PFF
01SN	11.3	11.3	11.3	11.3	11.3	11.3
02SC-6/02SCL-6/02SCB-6	11.3	12.5	12.5	12.5	12.5	12.5
02SC-8/02SCL-8/02SCB-8	11.3	12.5	19	19	19	19
02SH	11.3	12.5	19	19.6	19.6	19.6
02SN	11.3	12.5	19	19.6	22	22
02SM/02SF/02SMF	11.3	12.5	19	19.6	22	28.2
02S20P	11.3	12.5	19	19.6	22	28.2

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

Pressure - Flow Characteristics

[Test conditions] •Fluid : Air •Temperature : Room temperature

• Tube size : ø6 mm x ø4 mm, ø8 mm x ø6 mm (Super Cupla with Tube Fitter)

