

Two-way Shut-off Type Small Size Cuplas

For small bore piping to control temperatures

Working pressure



1.0 MPa
(10 kgf/cm²)

Valve structure



Two-way shut-off

Applicable fluids



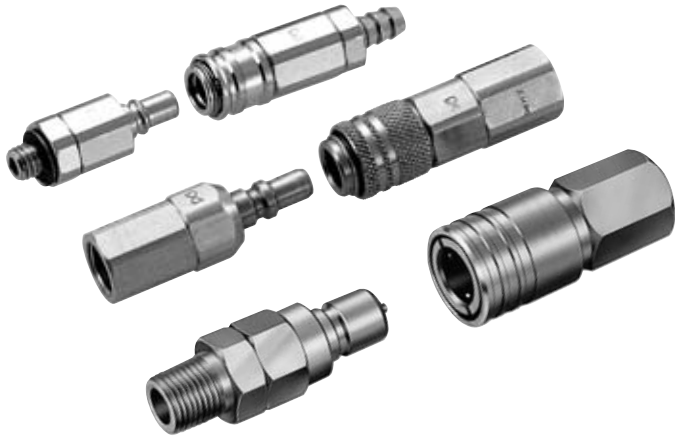
Water



Gas



Air



- Both socket and plug have built-in automatic shut-off valves to prevent fluid spill out when disconnected.
- Easy connection even in a restricted area.
- Lightweight feature will allow you easy design of multiple piping.

Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.

Specifications

Body material	MYU Cupla: Stainless steel • Brass (nickel-plated)			
	Little Cupla: Stainless steel • Brass (chrome plated)			
	Compact Cupla: Stainless steel • Brass (chrome plated)			
Size	Please check with us.			
Working pressure MPa (kgf/cm²)	1.0 {10}			
Pressure resistance MPa (kgf/cm²)	1.5 {15}			
Seal material Working temperature range	Seal material	Mark	Working temperature range	Remarks
	Nitrile rubber	NBR (SG)	-5°C~+80°C	Standard material
	Ethylene-propylene rubber	EPDM (EPT)	-5°C~+150°C	Standard material
	Fluoro rubber	FKM (X-100)	-5°C~+180°C	Standard material

Two-way shut-off type small size Cupla series

Please check with us about the end configurations and sizes.

MYU Cupla

Min. Cross-Sectional Area: 4.9mm² (ø2.5)

Plug



Socket



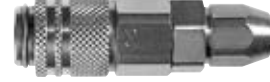
Little Cupla

Min. Cross-Sectional Area: 6.1mm² (ø2.8)

Plug



Socket



Compact Cupla

Min. Cross-Sectional Area: 8.8mm² (ø3.1)

Plug



Socket



Compact Cupla

For small pneumatic equipment

Working pressure



0.7 MPa
(7 kgf/cm²)

Valve structure



Two-way shut-off

Applicable fluids



Air



Water



Hydraulic oil



- 16.5mm outer diameter, yet socket and plug have built-in automatic shut-off valves.
- Lightweight, compact, push-to-connect design.

Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.

Specifications

Body material	Brass • Stainless steel			
Size	1/8"			
Working pressure MPa (kgf/cm²)	0.7 {7}			
Pressure resistance MPa (kgf/cm²)	1.0 {10}			
Seal material Working temperature range	Seal material	Mark	Working temperature range	Remarks
	Nitrile rubber	NBR (SG)	-20°C~+80°C	Available on request

Models and Dimensions

WAF : WAF stands for width across flats.

Plug

PM type (Male thread)

Model	Application	Mass (g)	Dimensions (mm)			
			Lp	C	Hp(WAF)	T
CO-1PM	Rc 1/8	31	39	11.3	Hex.13	R 1/8

Socket

SM type (Male thread)

Model	Application	Mass (g)	Dimensions (mm)			
			Ls	øD	Hs(WAF)	T
CO-1SM	Rc 1/8	44	38	16.5	Hex.14	R 1/8

Plug

PF type (Female thread)

Model	Application	Mass (g)	Dimensions (mm)			
			Lp	C	Hp(WAF)	T
CO-1PF	R 1/8	26	25.5	11.3	Hex.14	Rc 1/8

Socket

SF type (Female thread)

Model	Application	Mass (g)	Dimensions (mm)			
			Ls	øD	Hs(WAF)	T
CO-1SF	R 1/8	49	38	16.5	Hex.14	Rc 1/8