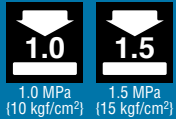


Two-way Shut-off Type Small Size Cuplas

For temperature controllers

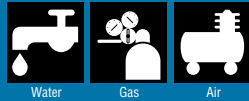
Working pressure



Valve structure



Applicable fluids



- Push-to-connect operation.
- 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		Little Cupla	
	Stainless steel, Brass (Nickel plated)		Stainless steel	
Size (Thread)	Please check with us.			
Working pressure	MPa	1.0	1.5	
	kgf/cm ²	10	15	
	bar	10	15	
	PSI	145	218	
Seal material	Seal material	Mark	Working temperature range	Remarks
	Nitrile rubber	NBR (SG)	-20°C to +80°C	Available on request
	Ethylene-propylene rubber	EPDM (EPT)	-40°C to +150°C	
	Fluoro rubber	FKM (X-100)	-20°C to +180°C	

Two-way Shut-off Type Small Size Cupla Series

Please check with us about the end configurations and sizes.

MYU Cupla / MYU type

Min. Cross-Sectional Area: 4.9 mm² (Ø2.5)

OD
10 mm

Plug

Socket



Little Cupla / MSV type

Min. Cross-Sectional Area: 6.1 mm² (Ø2.8)

OD
14 mm

Plug

Socket



TSP-HP Cupla for High Pressure

For high pressure and general purposes

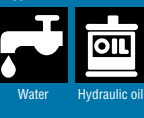
Working pressure



Valve structure



Applicable fluids



- Good for high pressure water piping such as in high pressure washers, or car washers.
- Valveless type ensures high flow rate.



Specifications

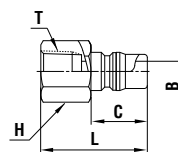
Body material	Stainless steel			
Size (Thread)	1/4", 3/8", 1/2"			
Pressure unit	MPa	kgf/cm ²	bar	PSI
Working pressure	9.0	92	90	1310
Seal material	Seal material	Mark	Working temperature range	Remarks
	Nitrile rubber	NBR (SG)	-20°C to +80°C	Available on request
	Ethylene-propylene rubber	EPDM (EPT)	-40°C to +150°C	

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

Models and Dimensions

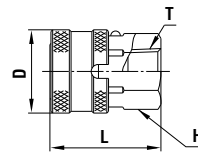
WAF : WAF stands for width across flats.

Plug TPF type (Female thread)



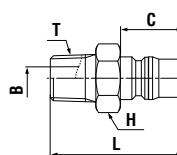
Model	Application	Dimensions (mm)				
		L	H(WAF)	C	T	øB
2TPF-HP	R 1/4	34	Hex.17	18	Rc 1/4	6.5
3TPF-HP	R 3/8	38	Hex.21	21	Rc 3/8	10
4TPF-HP	R 1/2	47.5	Hex.29	26.5	Rc 1/2	13

Socket TSF type (Female thread)



Model	Application	Dimensions (mm)			
		L	øD	H(WAF)	T
2TSF-HP	R 1/4	32	24	Hex.19	Rc 1/4
3TSF-HP	R 3/8	35	28	Hex.23	Rc 3/8
4TSF-HP	R 1/2	44.5	35	Hex.29	Rc 1/2

Plug TPM type (Male thread)



Model	Application	Dimensions (mm)				
		L	H(WAF)	C	T	øB
2TPM-HP	Rc 1/4	38	Hex.17	18	R 1/4	6.5
3TPM-HP	Rc 3/8	43	Hex.19	21	R 3/8	10

⚠ Precautions for use

⚠ Warning

Do not connect with standard TSP Cupla (Page 71 to 74).