Cupla Adapter for Braided Hose Connection

Mounts on Cupla plug / socket with female thread

- Adapter for Cuplas with female thread such as Zerospill Cupla and SP Cupla Type A.
- No hose clamp is required resulting in reduced risk of injuries to fingers or palms.
- Deterioration of the braided hose at the hose barb part has been eliminated.
- Unique nut construction increases the pulling load of braided hoses.
- Simply push a braided hose onto the hose barb to the end and tighten the nut until it is flush against the hose barb base.
- No inner parts for conventional braided hose fittings are required. Thus incorrect assembling does not occur.

A tool and a hose clamp are not required.

Not Required

Please use braided hoses available in the market.

Can be mounted on the plug and socket of Zerospill Cupla.

Benefits without a hose clamp

Two piece design

Specifications

Body material	Brass			
Model	**BH90-3M**	**BH120-4M**	**BH150-4M**	**BH190-6M**
Size (Thread)	3/8"	1/2"	1/2"	3/4"
Braided hose size	ø9 x ø15 mm	ø12 x ø18 mm	ø15 x ø22 mm	ø19 x ø26 mm
Working pressure *1,*2	Depends upon the specifications of braided hoses to be used.			
Working temperature range *2	Depends upon the specifications of braided hoses to be used.			
Applicable fluids *3	Air, Water, Oil			

Max. Tightening Torque

Nm {kgf•cm}

Model	BH90-3M	BH120-4M	BH150-4M	BH190-6M
Torque (Taper Pipe Threads) *4,5	12 {122}	30 {306}	30 {306}	50 {510}

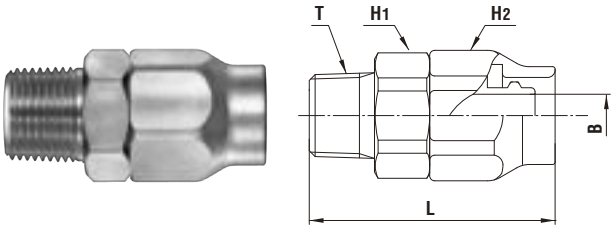
*1 : This shows the normal allowable fluid pressure under continuous use.
*2 : Working pressure and working temperature of Cupla and Adapter for braided hoses depend upon the specifications of braided hoses to be used.
*3 : Use within the specification of the seal material and the braided hose to be used.
*4 : Stress corrosion crack may happen on brass Cupla and Adapter if they are used under corrosive environment. Take note of usage conditions.
*5 : Tighten the nut until it is flush against the hose barb base after pushing a braided hose to the end.

• Braided hoses should be made of soft PVC and woven by reinforcement thread.

Models and Dimensions

WAF : WAF stands for width across flats.

BH-M type (Male thread)



Model	Application (Hose) (mm)	Hose wall thickness (mm)	Mass (g)	Dimensions (mm)				
				L	H1 (WAF)	H2 (WAF)	T	øB
BH90-3M	ø9 x ø15	3±0.3	106	(49)	Hex.23	Hex.24	R 3/8	8.5
BH120-4M	ø12 x ø18	3±0.3	159	(59)	Hex.27	Hex.27	R 1/2	11
BH150-4M	ø15 x ø22	3.5±0.35	210	(67)	Hex.30	Hex.30	R 1/2	13
BH190-6M	ø19 x ø26	3.5±0.35	301	(74)	Hex.35	Hex.35	R 3/4	17

When ordering, please indicate Model Name or part number.