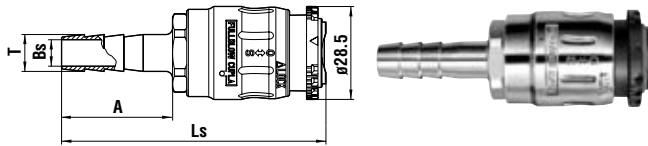


Models and Dimensions

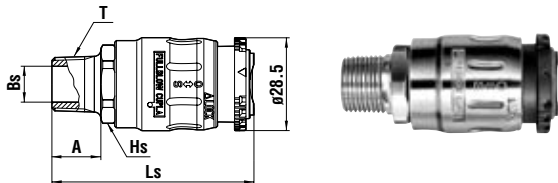
WAF : WAF stands for width across flats.

Socket SH type (Hose barb)



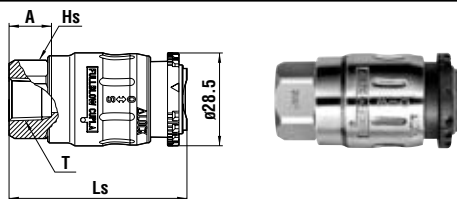
Model	Application (Hose)	Mass (g)	Dimensions (mm)			
			Ls	A	øT	øBs
FBH-20SH	1/4"	70	77	30	9	5.5
FBH-30SH	3/8"	74	81	34	11.3	8
FBH-40SH	1/2"	85	83	36	15	10

Socket SM type (Male thread)



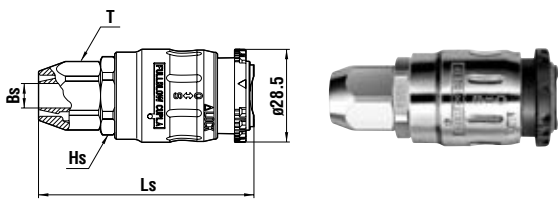
Model	Application	Mass (g)	Dimensions (mm)				
			Ls	Hs(WAF)	A	T	øBs
FBH-20SM	Rc 1/4	71	62	Hex.22	15	R 1/4	8
FBH-30SM	Rc 3/8	75	62	Hex.22	15	R 3/8	11
FBH-40SM	Rc 1/2	86	66	Hex.22	19	R 1/2	15

Socket SF type (Female thread)



Model	Application	Mass (g)	Dimensions (mm)			
			Ls	Hs(WAF)	A	T
FBH-20SF	R 1/4	77	54.5	Hex.22	13	Rc 1/4
FBH-30SF	R 3/8	69	54.5	Hex.22	13	Rc 3/8
FBH-40SF	R 1/2	90	61	Hex.26	17	Rc 1/2

Socket SN type (For urethane hose with spring nut connection)

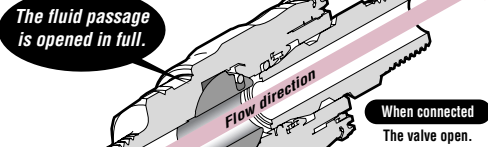
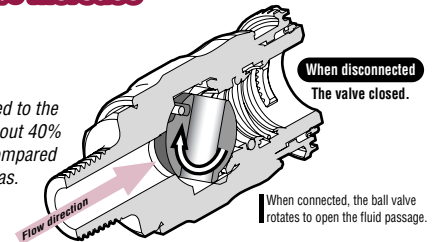


Model	Application (Hose)	Mass (g)	Dimensions (mm)			
			Ls	Hs(WAF)	T(WAF)	øBs
FBH-65SN	ø6.5 mm x ø10 mm	64	64	Hex.22	Hex.17	5.5
FBH-80SN	ø8 mm x ø12 mm	67	66	Hex.22	Hex.19	7.5
FBH-85SN	ø8.5 mm x ø12.5 mm	68	66	Hex.22	Hex.19	7.5
FBH-110SN	ø11 mm x ø16 mm	86	71	Hex.26	Hex.24	10

Features of Full-Blow Coupla

Up to about 40% increase in flow rate.

Pressure loss is reduced to the ultimate level. Up to about 40% increase in flow rate compared with conventional Coupla.

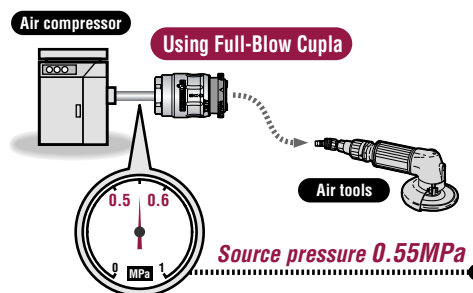
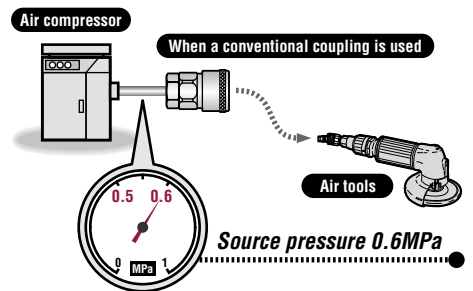


Energy saving effect

If conventional Coupla are replaced by Full-Blow Coupla, pressure loss in the air lines can be reduced. Thanks to this, the source pressure at the outlet port of the compressor can be saved.

Note: Energy saving effect depends on the conditions of air piping and the compressor.

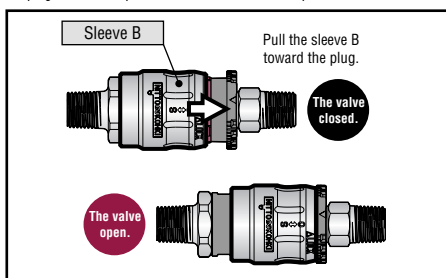
For instance



How it works

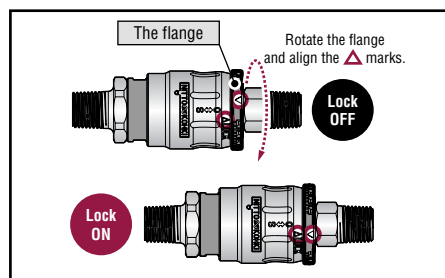
1. Open the valve

Only after connection with the plug, you can slide the socket sleeve B toward the plug in order to open the built-in valve. Full flow path is then obtained.



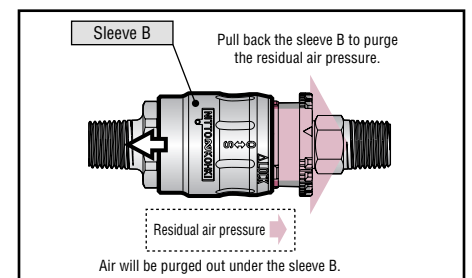
2. Lock the sleeve

Rotate the flange to lock the sleeve B. Without unlocking the plug you cannot disconnect.



3. Purge the residual air

To disconnect the plug, first turn the flange back to the original position for unlocking and then pull the sleeve B back to the original position. The built-in valve will be closed to purge the residual air pressure.



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