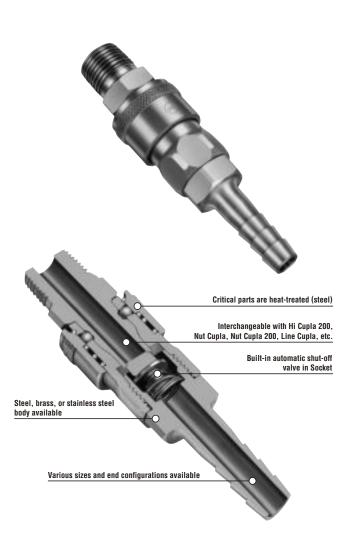


From factory air line to pneumatic tool connection, available in various body materials, sizes and end configurations. Excellent durability.

- An excellent general purpose coupling for connecting factory air supply to pneumatic tools.
- Steel coupling is suitable for air. Brass or stainless steel is suitable for water. Note that fluid will come out from the plug when disconnected.
- Critical structural parts of steel models are heat-treated for increased strength giving greater durability and resistance to wear.
- Available in various body materials, sizes and end configurations applicable to a wide range of applications.



Specifications										
Body material			Steel (Chrome-pl	ated)	Br	ass	Stainless steel			
Size		ad	1/8" to 1"							
Size	Hose barb		1/4" to 1" hose							
	Working pressure MPa kgf/cm² bar		1.5		1.0		1.5			
Working nr			15		10		15			
working pr			15		10		15			
		PSI	218		1-	15		218		
Cool motorial			Seal material		Mark	Working temperature range		Remarks		
Seal material Working temperature range		Nitrile rubber	N	BR (SG)	-20°C to +80°C		Standard material			
J. P. P. Samer Canago			Fluoro rubber	FKI	VI (X-100)	-20°C to +180°C				

Max. Tightening Torque Nm {kgf•cm}									
Size (Thread)		1/8"	1/4"	3/8"	1/2"	3/4"	1"		
Torque	Steel	7 {71}	14 {143}	22 {224}	60 (612)	100 {1020}	120 {1224}		
	Brass	5 {51}	9 {92}	11 {112}	30 {306}	50 (510)	65 {663}		
	Stainless steel	-	14 {143}	22 {224}	60 (612)	100 (1020)	120 {1224}		

Flow Direction
Fluid must run from socket to plug.
4

Interchangeability

- Sockets and plugs for Models 10, 17, 20, 30, and 40 can be connected with each other regardless of end configurations.
- Sockets and plugs for Models 400, 600, and 800 can be connected with each other regardless of end configurations. and can not be connected across each group.
- Interchangeable with all other Hi Cupla Series products. Please see the page for "Hi Cupla Series Interchangeability."

Min. Cross-Sectional Area (mm²)											
■10, 17, 20, 30, 40 type											
Socket Plug	17PH	20PH	30PH	40PH	10PM	20PM	30PM	40PM	20PF	30PF	40PF
10SM	13	13	13	13	13	13	13	13	13	13	13
17SH	16	16	16	16	13	16	16	16	16	16	16
20SH	16	20	20	20	13	20	20	20	20	20	20
20SM, SF	16	20	33	33	13	33	33	33	33	33	33
30SH	16	20	33	33	13	33	33	33	33	33	33
30SM, SF	16	20	33	33	13	33	33	33	33	33	33
40SH	16	20	33	33	13	33	33	33	33	33	33
40SM, SF	16	20	33	33	13	33	33	33	33	33	33
400, 600, 900 tupo											

400, 600, 800 type										
Socket Plug	400PH	600PH	800PH	400PM	600PM	800PM	400PF	600PF	800PF	
400SH	64	64	64	64	64	64	64	64	64	
400SM, SF	64	94	94	94	94	94	94	94	94	
600SH	64	94	94	94	94	94	94	94	94	
600SM, SF	64	94	94	94	94	94	94	94	94	
800SH	64	94	94	94	94	94	94	94	94	
800SM, SF	64	94	94	94	94	94	94	94	94	

Suitability for Vacuum

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

