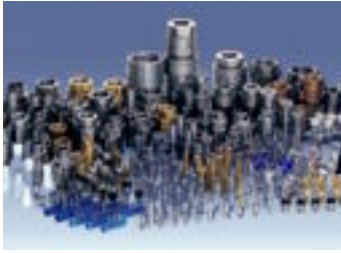


OTHER PRODUCT LINES

CUPLA

Quick Connecting Fluid Couplings are The World's Best for both Quality and Quantity



Full line-up consisting of 3,000 series, 20,000 type variations. The couplings eliminate inconvenience of thread-in or bolted flange connections, fluid leakage, or hose kinking but provide speedy control and maintenance of fluid piping.



HI CUPLA ACE

- Plastic Couplas with a built-in locking mechanism.
- Pressure ratings comparable to steel Couplas.



LINE CUPLA 200

- Enables several air lines to be taken simultaneously from one supply line.
- Gives speedy branching of Hi Coupla.

HI CUPLA & HI CUPLA 200

- One-way shut-off coupling with an automatic shut-off valve in the socket.
- Important parts are hardened for excellent wear resistance and durability.



Plug				P
For hose connection				
17PH	For 1/4" hose	40PH	For 1/2" hose	
20PH	For 1/4" hose	600PH	For 3/4" hose	
30PH	For 3/8" hose	800PH	For 1" hose	
For female thread connection				
10PM	For Rc 1/8"	400PM	For Rc 1/2"	
20PM	For Rc 1/4"	600PM	For Rc 3/4"	
30PM	For Rc 3/8"	800PM	For Rc 1"	
For male thread connection				
20PF	For R 1/4"	400PF	For R 1/2"	
30PF	For R 3/8"	600PF	For R 3/4"	
40PF	For R 1/2"	800PF	For R 1"	
For male thread connection (parallel thread)				
20PFF	For G 1/4"			

Socket				S
For hose connection				
17SH	For 1/4" hose	40SH	For 1/2" hose	
20SH	For 1/4" hose	600SH	For 3/4" hose	
30SH	For 3/8" hose	800SH	For 1" hose	
For female thread connection				
10SM	For Rc 1/8"	400SM	For Rc 1/2"	
20SM	For Rc 1/4"	600SM	For Rc 3/4"	
30SM	For Rc 3/8"	800SM	For Rc 1"	
For male thread connection				
20SF	For R 1/4"	400SF	For R 1/2"	
30SF	For R 3/8"	600SF	For R 3/4"	
40SF	For R 1/2"	800SF	For R 1"	

For hose connection				
200-17SH	For 1/4" hose	200-40SH	For 1/2" hose	
200-20SH	For 1/4" hose			
200-30SH	For 3/8" hose			
For female thread connection				
200-20SM	For Rc 1/4"			
200-30SM	For Rc 3/8"			
200-40SM	For Rc 1/2"			
For male thread connection				
200-20SF	For R 1/4"			
200-30SF	For R 3/8"			
200-40SF	For R 1/2"			

Specifications

Type	Hi Coupla	Hi Coupla 200
Body material	Steel (chrome-plated)	Steel (chrome-plated)
Size	1/8", 1/4", 3/8", 1/2", 3/4", 1"	1/8", 1/4", 3/8", 1/2"
Working pressure	1.5 MPa	1.0 MPa
Pressure resistance	2.0 MPa	1.5 MPa
Seal material	NBR	NBR
Working temperature range	-20°C - +80°C	-5°C - +60°C

For Oxygen / Fuel Gas Mini Cupla Super

Heavy-duty push-to-connect type or oxyacetylene piping



Exclusively for welding and cutting equipment.

- From cylinders to torches, all piping connections associated with welding and cutting equipment are now in push-to-connect configurations.
- Chrome-plated body for better corrosion resistance.
- Heat-treated plugs for better durability.
- Oxygen and fuel gas couplings have different configuration sizes with sleeves in different appearances, chrome plating for oxygen and copper plating for fuel gas, to prevent accidental interconnection.
- Smaller diameter design enables wider range of applications.
- Various types of end configurations have been standardized to comply with a wide range of welding and cutting equipment applications. Interchangeable with Mini Cupla.

Select the combination in accordance with your own application.

Male thread	For regulator	For extension hose	For torch
Suggested combination SM x PH	Suggested combination SF x PH	Suggested combination SH x PH	Suggested combination SH x PF

Plug				P
PH type (Hose barb)				
S22PH	For Oxygen	For 1/4", 5/16"		
S33PH	For Fuel Gas	For 5/16", 3/8"		
S32PH*	For Fuel Gas	For 1/4", 5/16"		
PH type (Hose barb of smaller diameters)				
S225PH	For Oxygen	For 5 mm ID		
S335PH	For Fuel Gas	For 5 mm ID		
PF type (Female thread for torch connection)				
S22PF	For Oxygen	For oxygen torch side		
S33PF	For Fuel Gas	Fox fuel gas torch side		
PFB type (Female thread with backflow stop valve)				
S23PFB-2*	For Oxygen	For oxygen torch side		
S33PFB-2*	For Fuel Gas	Fox fuel gas torch side		
PN type (Nut type for small diameter hose)				
S22PN	For Oxygen	For 5 mm ID		
S33PN	For Fuel Gas	For 5 mm ID		

Socket				S
SH type (Hose barb)				
S22SH	For Oxygen	For 1/4", 5/16"		
S33SH	For Fuel Gas	For 5/16", 3/8"		
S32SH*	For Fuel Gas	For 1/4", 5/16"		
SH type (Hose barb of smaller diameters)				
S225SH	For Oxygen	For 5 mm ID		
S335SH	For Fuel Gas	For 5 mm ID		
SF type (Female thread for torch connection)				
S22SF	For Oxygen	For oxygen gauge side		
S33SF	For Fuel Gas	For fuel gas gauge side		
S23SF*	For Oxygen	For oxygen gauge side		
S33SF*	For Fuel Gas	For fuel gas gauge side		
SM type (Male thread)				
S22SM	For Oxygen	For Rc 1/4"		
S33SM	For Fuel Gas	For Rc 3/8"		
SN type (Nut type for small diameter hose)				
S22SN	For Oxygen	For 5 mm ID		
S33SN	For Fuel Gas	For 5 mm ID		

Specifications

Body material	Socket : Brass (chrome-plated) Plug : Steel (chrome-plated)
Size	1/4", 5/16", 3/8"
Working pressure	0.7 MPa
Pressure resistance	1.0 MPa
Seal material	NBR
Working temperature range	-20°C - +80°C

*Made-to-order item.

• Available hose sizes are ø5 mm x ø11.2 mm, ø5 mm x ø11.5 mm and ø5 mm x ø11.8 mm.

