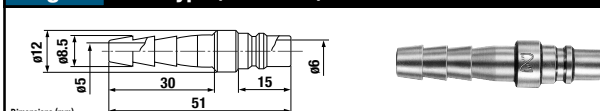
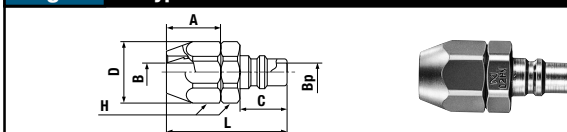


Plug 02PH type (Hose barb)



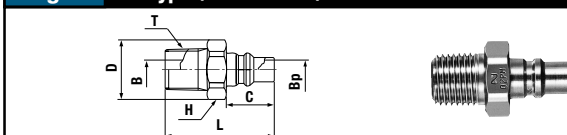
Model	Application (Hose)	Mass (g)
02PH	1/4"	16

Plug PN type (For connection to urethane hose)



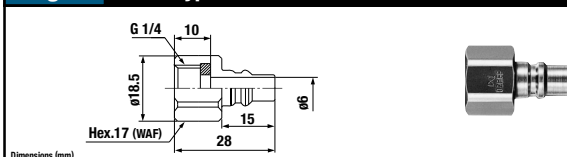
Model	Application (Hose)	Mass (g)	Dimensions (mm)						
			L	C	øD	A	H(WAF)	øBp	øB
01PN	ø5 mm x ø8 mm	35.9	(38.5)	15	18.5	17	Hex.17	6	3.8
02PN	ø6.5 mm x ø10 mm	35.3	(38.5)	15	18.5	17	Hex.17	6	5.3

Plug PM type (Male thread)



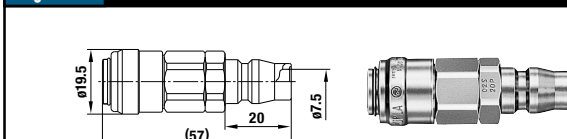
Model	Application (Thread)	Mass (g)	Dimensions (mm)						
			L	C	øD	H(WAF)	T	øBp	øB
01PM	Rc 1/8	12	31	15	—	Hex.12	R 1/8	6	5
02PM	Rc 1/4	22.7	34	15	18.5	Hex.17	R 1/4	6	6

Plug 02PFF type (Parallel female thread)



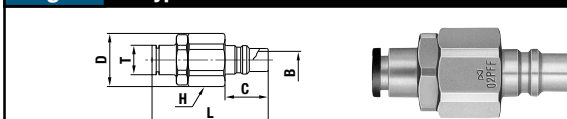
Model	Application (Thread)	Mass (g)
02PFF	G 1/4	17.7

Plug/Socket Model 02S20P (Conversion model to connect HI CUPLA socket)



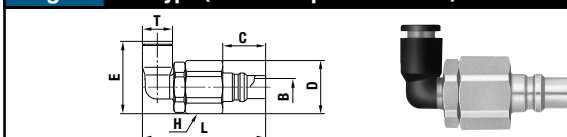
Model	Application	Mass (g)
02S20P	HI CUPLA (Socket)	58

Plug PC type (With Tube Fitter)



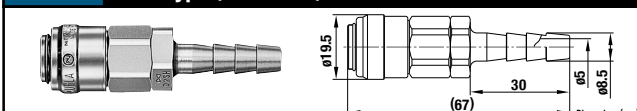
Model	Application (Tube)	Mass (g)	Dimensions (mm)						
			L	C	øD	E	H(WAF)	øT	øB
02PC-6	6 mm OD	28.5	(40.5)	15	18.5	18.5	Hex.17	10.3	6
02PC-8	8 mm OD	33	(47.5)	15	18.5	18.5	Hex.17	13.5	6

Plug PCL type (With L-shaped Tube Fitter)



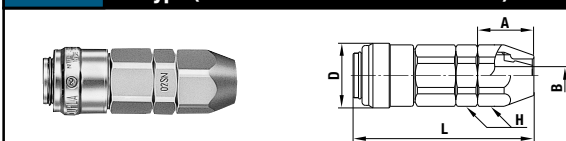
Model	Application (Tube)	Mass (g)	Dimensions (mm)						
			L	C	øD	E	H(WAF)	øT	øB
02PCL-6	6 mm OD	29.5	(43)	15	18.5	(25.3)	Hex.17	10.5	6
02PCL-8	8 mm OD	34.5	(46.5)	15	18.5	(32.3)	Hex.17	13.5	6

Socket 02SH type (Hose barb)



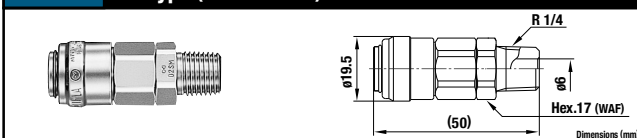
Model	Application (Hose)	Mass (g)
02SH	1/4"	56

Socket SN type (For connection to urethane hose)



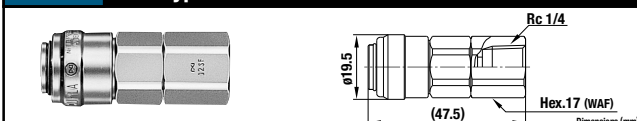
Model	Application (Hose)	Mass (g)	Dimensions (mm)				
			L	A	øD	H(WAF)	øB
01SN	ø5 mm x ø8 mm	45.8	(54.5)	17	19.5	Hex.17	3.8
02SN	ø6.5 mm x ø10 mm	44.4	(54.5)	17	19.5	Hex.17	5.3

Socket SM type (Male thread)



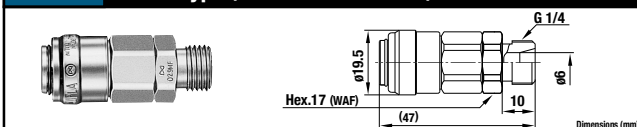
Model	Application (Thread)	Mass (g)
02SM	Rc 1/4	57

Socket 02SF type (Female thread)



Model	Application (Thread)	Mass (g)
02SF	R 1/4	56.4

Socket 02SMF type (Parallel male thread)



Model	Application (Thread)	Mass (g)
02SMF	G 1/4	27

Socket SC type (With Tube Fitter)



Model	Application (Tube)	Mass (g)	Dimensions (mm)		
			L	øD	øT
02SC-6	6 mm OD	46	(65.5)	19.5	10.5
02SC-8	8 mm OD	50.5	(70)	19.5	13.5

Socket SCL type (With L-shaped Tube Fitter)



Model	Application (Tube)	Mass (g)	Dimensions (mm)				
			L	øD	H(WAF)	C	øT
02SCL-6	6 mm OD	47.5	(63.5)	19.5	Hex.16	(25.7)	10.3
02SCL-8	8 mm OD	49.5	(67.7)	19.5	Hex.16	(32.8)	13.5

Socket SCB type (With Tube Fitter for panel mounting)



• T and øJ are dimensions of panel.

Model	Application (Tube)	Mass (g)	Dimensions (mm)					
			L	øD	Hs(WAF)	H(WAF)	T	øJ
02SCB-6	6 mm OD	58.5	(71.5)	18	Hex.17	Hex.15	7 or less	12.5 ^{+0.3} ₋₀
02SCB-8	8 mm OD	60.4	(72)	21	Hex.17	Hex.18	8 or less	15.5 ^{+0.3} ₋₀

For Low Pressure

HI CUPLA

Universal purpose couplings for air lines

Working pressure

1.5
1.5 MPa
{15 kgf/cm²}

1.0
1.0 MPa
{10 kgf/cm²}

Valve structure

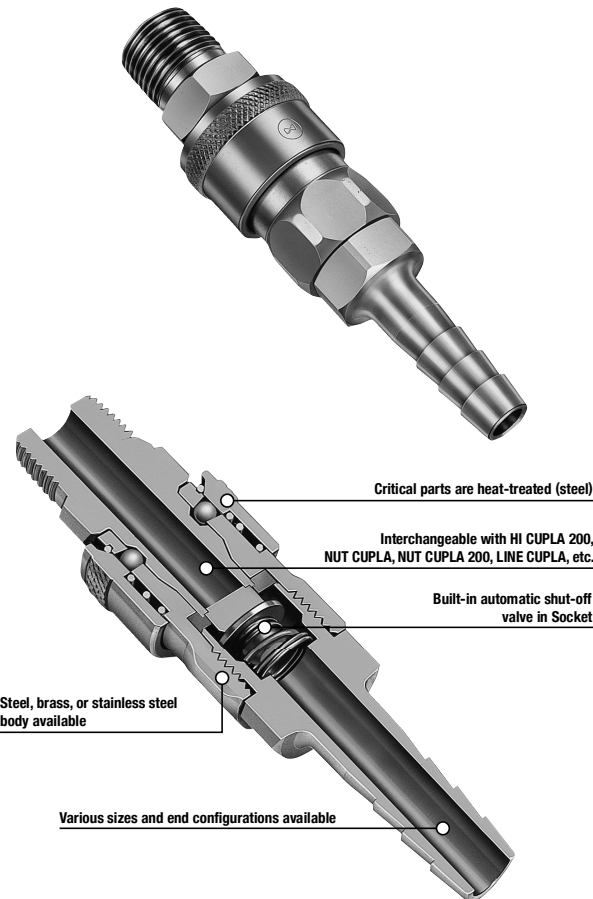
One-way shut-off

Applicable fluids (Steel applies to air only)

Air
 Water

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 plated)	Brass	Stainless steel (SUS304)	
Size	Thread	1/8" to 1"			
	Hose barb	1/4" to 1" hose			
Working pressure		MPa	1.5	1.0	1.5
		kgf/cm ²	15	10	15
		bar	15	10	15
		PSI	218	145	218
Seal material Working temperature range		Seal material	Mark	Working temperature range	Remarks
		Nitrile rubber	NBR (SG)	-20°C to +80°C	Standard material
		Fluoro rubber	FKM (X-100)	-20°C to +180°C	

Maximum 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.



Interchangeability

- ① Sockets and plugs of models 10, 17, 20, 30, and 40 can be connected with each other regardless of end configurations.
- ② Sockets and plugs of models 400, 600, and 800 can be connected with each other regardless of end configurations. ① and ② can not be connected across each group.
- ③ Interchangeable with each models of NUT CUPLA series and HI CUPLA series. Please see [page 19](#) for "HI CUPLA Series Interchangeability".

Minimum Cross-Sectional Area

(mm²)

10, 17, 20, 30, 40 type

Socket \ Plug	17PH	20PH	30PH	40PH	10PM	20PM	30PM	40PM	20PF	30PF	40PF
10SM	16	20	20	20	13	20	20	20	20	20	20
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, 800 type

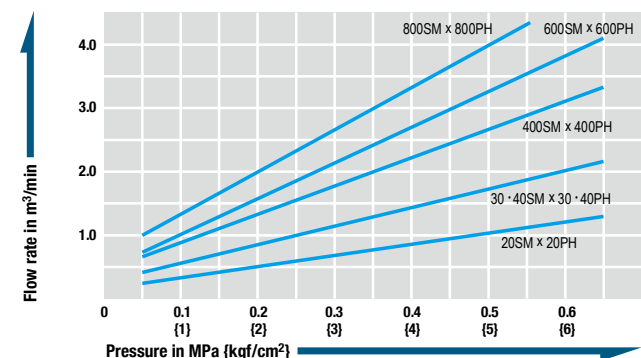
Socket \ Plug	400PH	600PH	800PH	400PM	600PM	800PM	400PF	600PF	800PF
400SH	64	64	64	64	64	64	64	64	64
400SM, SF	64	94	94	94	94	94	94	94	94
600SH	64	94	94	94	94	94	94	94	94
600SM, SF	64	94	94	94	94	94	94	94	94
800SH	64	94	94	94	94	94	94	94	94
800SM, SF	64	94	94	94	94	94	94	94	94

Suitability for Vacuum

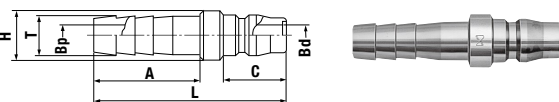
Not suitable for vacuum application in either connected or disconnected condition.

Pressure - Flow Characteristics

[Test conditions] • Fluid : Air • Temperature : Room temperature

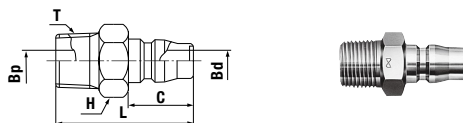


Plug PH type (Hose barb)



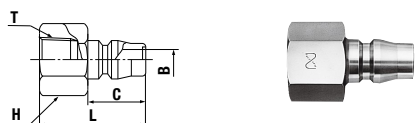
Model	Application (Hose)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	øH	A	C	øT	øBp	øBd
17PH	1/4"	24	—	—	54	16	27	20	7.2	4.5	7.5
20PH	1/4"	28	31	27	57	16	30	20	9	5	7.5
30PH	3/8"	32	34	33	61	16	34	20	11.3	7.5	7.5
40PH	1/2"	59	64	60	63	20	36	20	15	9	7.5
400PH	1/2"	65	71	66	66	22	36	23	15	9	13
600PH	3/4"	123	130	124	77	30	45	23	21	13	13
800PH	1"	151	161	151	85	34	54	23	27	20	13

Plug PM type (Male thread)



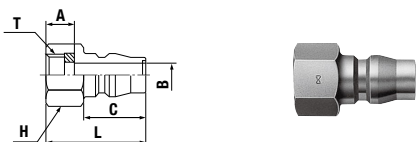
Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	H(WAF)	C	T	øBp	øBd	
10PM	Rc 1/8	22	24	—	37	Hex.14	20	R 1/8	4	7.5	
20PM	Rc 1/4	25	27	26	41	Hex.14	20	R 1/4	7.5	7.5	
30PM	Rc 3/8	40	43	41	42	Hex.19 ³	20	R 3/8	7.5	7.5	
40PM	Rc 1/2	60	65	60	46	Hex.22	20	R 1/2	12	7.5	
400PM	Rc 1/2	70	73	69	50	Hex.22	23	R 1/2	13	13	
600PM	Rc 3/4	113	121	114	55	Hex.32	23	R 3/4	19	13	
800PM	Rc 1	182	196	183	63	Hex.35	23	R 1	22	13	

Plug PF type (Female thread)



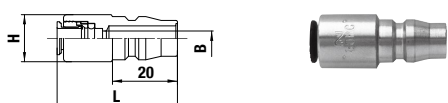
Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	H(WAF)	C	T	øB		
20PF	R 1/4	28	31	29	36	Hex.17	20	Rc 1/4	7.5		
30PF	R 3/8	35	41	38	37	Hex.21	20	Rc 3/8	7.5		
40PF	R 1/2	69	76	70	38	Hex.29	20	Rc 1/2	7.5		
400PF	R 1/2	82	86	81	41	Hex.29	23	Rc 1/2	13		
600PF	R 3/4	115	124	115	45	Hex.35	23	Rc 3/4	13		
800PF	R 1	189	207	190	54	Hex.41	23	Rc 1	13		

Plug PFF type (Parallel female thread)



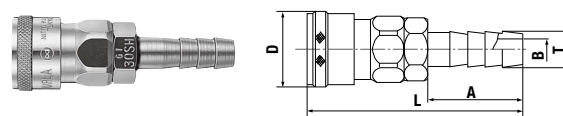
Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	H(WAF)	A	C	T	øB	
20PFF	G 1/4	23	—	—	32	Hex.17	9	20	G 1/4	7.5	

Plug PC type (Tube Fitter)



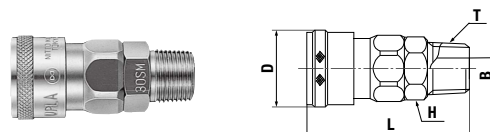
Model	Application (Tube)	Mass (g)	Dimensions (mm)		
			L	øH	øB
60PC	For 6 mm OD tube	25	(37)	14.5	4.5
80PC	For 8 mm OD tube	30	(41)	16.5	6.5
100PC	For 10 mm OD tube	43	(45)	19.5	7.5

Socket SH type (Hose barb)



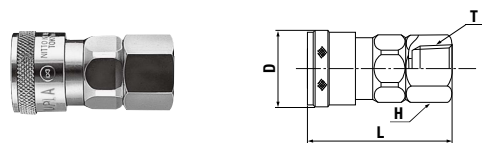
Model	Application (Hose)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	øD	A	øT	øB		
17SH	1/4"	99	—	—	(69.5)	(26.5)	27	7.2	4.5		
20SH	1/4"	99	105	97	(72.5)	(26.5) ⁺¹	30	9	5		
30SH	3/8"	102	107	100	(76.5)	(26.5) ⁺¹	34	11.3	7.5		
40SH	1/2"	115	122	113	(78.5)	(26.5) ⁺¹	36	15	9		
400SH	1/2"	220	235	230	(83)	35	36	15	9		
600SH	3/4"	243	262	242	(92)	35	45	21	14		
800SH	1"	327	350	325	(102)	35	55	27	16		

Socket SM type (Male thread)



Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	øD	H(WAF)	T	øB		
10SM	Rc 1/8	97	—	—	(52.5)	(26.5)	Hex.19	R 1/8	5		
20SM	Rc 1/4	97	103	96	(55.5)	(26.5) ⁺¹	Hex.19	R 1/4	7		
30SM	Rc 3/8	104	108	100	(56.5)	(26.5) ⁺¹	Hex.19	R 3/8	8 ⁺⁴		
40SM	Rc 1/2	127	135	126	(59.5)	(26.5) ⁺¹	Hex.23 ⁺²	R 1/2	9		
400SM	Rc 1/2	210	224	212	(63)	35	Hex.29	R 1/2	13		
600SM	Rc 3/4	242	259	243	(67)	35	Hex.32	R 3/4	16		
800SM	Rc 1	329	353	328	(72)	35	Hex.36	R 1	16		

Socket SF type (Female thread)



Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	øD	H(WAF)	T			
20SF	R 1/4	97	101	94	(49.5)	(26.5) ⁺¹	Hex.19	Rc 1/4			
30SF	R 3/8	98	103	95	(50.5)	(26.5) ⁺¹	Hex.21	Rc 3/8			
40SF	R 1/2	136	146	138	(52.5)	(26.5) ⁺¹	Hex.29	Rc 1/2			
400SF	R 1/2	216	233	215	(57)	35	Hex.29	Rc 1/2			
600SF	R 3/4	259	277	257	(61)	35	Hex.35	Rc 3/4			
800SF	R 1	327	361	327	(68)	35	Hex.41	Rc 1			

* Above pictures are plugs and sockets of steel 20, 30 and 40 models.

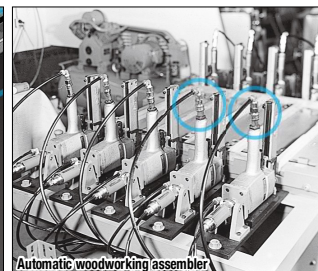
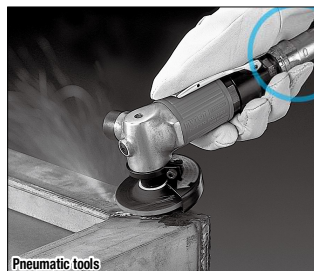
*1 : D = 25.4 for brass and stainless steel models.

*2 : H = Hex. 22 for brass and stainless steel models.

*3 : H = Hex. 17 for brass and stainless steel models.

*4 : B = 9 for brass and stainless steel models.

Application Example



All of socket, plug and tube can be connected in one push-to-connect operation.

Just push the tube into CUPLA and then it is locked.

Polyurethane, Nylon and Fluorine contained resin tubes.

PC type
(Tube Fitter)

For Low Pressure

HI CUPLA BL

Universal purpose couplings with sleeve lock mechanism for air lines

Working pressure

1.5 MPa
(15 kgf/cm²)

Valve structure

One-way shut-off

Applicable fluids (Steel applies to air only)

Air Water

Sleeve-lock mechanism is engaged by rotating the sleeve after connection.

- Sleeve-lock mechanism prevents accidental disconnection.
- An excellent general purpose coupling for connecting factory air supply to pneumatic tools.
- Steel coupling is suitable for air. Stainless steel is suitable for water. Note that fluid will come out from the plug when disconnected.
- Critical structural parts made of steel are heat-treated for increased strength giving greater durability and resistance to wear.
- Various body materials, sizes, and end configurations are available.
- SN-BL type for connection to urethane hose requires no hose clamp.



Specifications

Body material		Steel (Chrome plated)		Stainless steel (SUS304)	
Size	Thread and hose barb	1/4", 3/8", 1/2"			
	SN Type for urethane hose	For ø6.5 x ø10 mm hose		-	
		For ø8 x ø12 mm hose			
		For ø8.5 x ø12.5 mm hose			
Pressure unit		MPa	kgf/cm ²	bar	PSI
Working pressure		1.5	15	15	218
Seal material		Seal material	Mark	Working temperature range	Remarks
Working temperature range		Nitrile rubber	NBR (SG)	-20°C to +80°C	Standard material

Note: Working temperature range of SN-BL type is -20°C to +60°C.

Maximum Tightening Torque

Nm {kgf·cm}

Size (Thread)	1/4"	3/8"	1/2"
Torque	Steel 14 {143}	22 {224}	60 {612}
	Stainless steel 14 {143}	22 {224}	60 {612}

Tightening Torque Range

Nm {kgf·cm}

SN Type for urethane hose	
9 to 11 {92 to 112}	

To mount on urethane hose, slide it over to the hose barb and tighten the nut until it is flush against the hose barb base. It is recommended that grease is applied to the inside of the nut (threaded part and hose contact part) for easy tightening.

Flow Direction

Fluid must run from socket to plug.



Interchangeability

- ① Sockets and plugs of models 10, 17, 20, 30, and 40 can be connected with each other regardless of end configurations.
- ② Interchangeable with each models of NUT CUPLA series and HI CUPLA series. Please see page 19 for "HI CUPLA Series Interchangeability".

Minimum Cross-Sectional Area

(mm²)

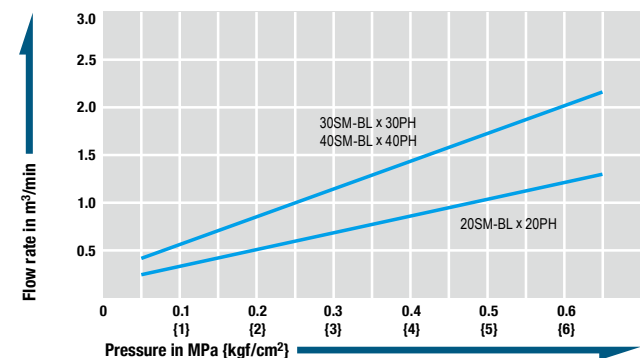
Socket	Plug	17PH	20PH	30PH	40PH	10PM	20PM	30PM	40PM	20PF	30PF	40PF
20SH-BL		16	20	20	20	13	20	20	20	20	20	20
20SM-BL		16	20	33	33	13	33	33	33	33	33	33
20SF-BL		16	20	33	33	13	33	33	33	33	33	33
30SH-BL		16	20	33	33	13	33	33	33	33	33	33
30SM-BL		16	20	33	33	13	33	33	33	33	33	33
30SF-BL		16	20	33	33	13	33	33	33	33	33	33
40SH-BL		16	20	33	33	13	33	33	33	33	33	33
40SM-BL		16	20	33	33	13	33	33	33	33	33	33
40SF-BL		16	20	33	33	13	33	33	33	33	33	33
65SN-BL		16	20	22	22	13	22	22	22	22	22	22
80SN-BL		16	20	33	33	13	33	33	33	33	33	33
85SN-BL		16	20	33	33	13	33	33	33	33	33	33

Suitability for Vacuum

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

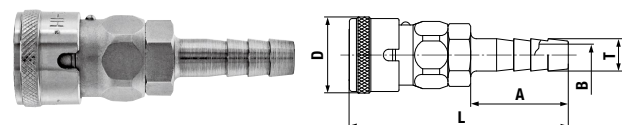
Pressure - Flow Characteristics

[Test conditions] • Fluid : Air • Temperature : Room temperature



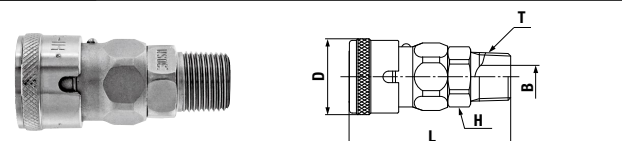
Steel

Socket SH-BL type (Hose barb)



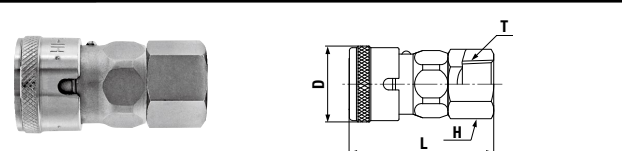
Model	Application (Hose)	Mass (g)	Dimensions (mm)				
			L	øD	A	øT	øB
20SH-BL	1/4"	103	(72.5)	(26.5)	30	9	5
30SH-BL	3/8"	106	(76.5)	(26.5)	34	11.3	7.5
40SH-BL	1/2"	118	(78.5)	(26.5)	36	15	9

Socket SM-BL type (Male thread)



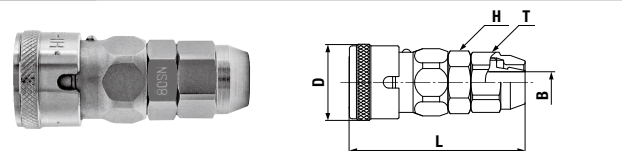
Model	Application (Thread)	Mass (g)	Dimensions (mm)				
			L	øD	H(WAF)	T	øB
20SM-BL	Rc 1/4	101	(55.5)	(26.5)	Hex.19	R 1/4	7
30SM-BL	Rc 3/8	108	(56.5)	(26.5)	Hex.19	R 3/8	8
40SM-BL	Rc 1/2	131	(59.5)	(26.5)	Hex.23	R 1/2	9

Socket SF-BL type (Female thread)



Model	Application (Thread)	Mass (g)	Dimensions (mm)			
			L	øD	H(WAF)	T
20SF-BL	R 1/4	95	(49.5)	(26.5)	Hex.19	Rc 1/4
30SF-BL	R 3/8	103	(50.5)	(26.5)	Hex.21	Rc 3/8
40SF-BL	R 1/2	139	(52.5)	(26.5)	Hex.29	Rc 1/2

Socket SN-BL type (For urethane hose connection)



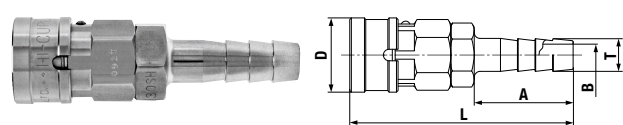
Model	Application (Hose)	Mass (g)	Dimensions (mm)				
			L	øD	øB	H(WAF)	T(WAF)
65SN-BL	ø6.5 x ø10	115	(59.5)	(26.5)	5.3	Hex.19	Hex.17
80SN-BL	ø8 x ø12	120	(61.5)	(26.5)	7.5	Hex.19	Hex.19
85SN-BL	ø8.5 x ø12.5	120	(61.5)	(26.5)	7.5	Hex.19	Hex.19

* Above pictures are sockets of 30 and 80 models.



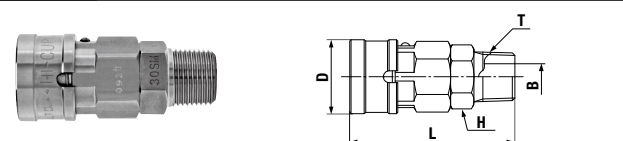
Stainless steel

Socket SH-BL type (Hose barb)



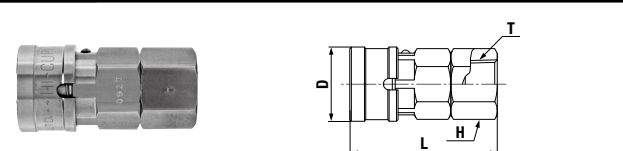
Model	Application (Hose)	Mass (g)	Dimensions (mm)				
			L	øD	A	øT	øB
20SH-BL	1/4"	100	(72.5)	25.4	30	9	5
30SH-BL	3/8"	101	(76.5)	25.4	34	11.3	7.5
40SH-BL	1/2"	118	(78.5)	25.4	36	15	9

Socket SM-BL type (Male thread)



Model	Application (Thread)	Mass (g)	Dimensions (mm)				
			L	øD	H(WAF)	T	øB
20SM-BL	Rc 1/4	96	(55.5)	25.4	Hex.19	R 1/4	7
30SM-BL	Rc 3/8	105	(56.5)	25.4	Hex.19	R 3/8	9
40SM-BL	Rc 1/2	120	(59.5)	25.4	Hex.22	R 1/2	9

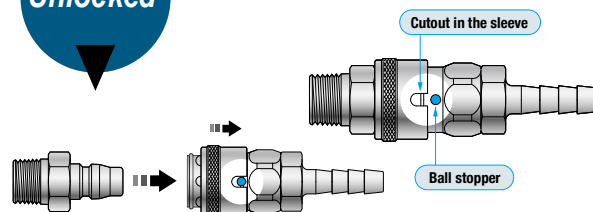
Socket SF-BL type (Female thread)



Model	Application (Thread)	Mass (g)	Dimensions (mm)			
			L	øD	H(WAF)	T
20SF-BL	R 1/4	98	(49.5)	25.4	Hex.19	Rc 1/4
30SF-BL	R 3/8	99	(50.5)	25.4	Hex.21	Rc 3/8
40SF-BL	R 1/2	138	(52.5)	25.4	Hex.29	Rc 1/2

Unlocked

Align the cutout in the sleeve with the ball stopper, and pull the sleeve to connect the plug.

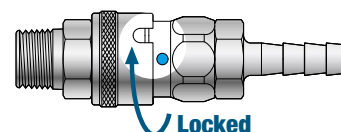


The stopper is marked with blue for visual understanding.

Locking the sleeve

Without alignment of the cutout with the ball stopper disconnection cannot be made.

Accidental disconnection is prevented.



Align the cutout in the sleeve with the ball stopper, and pull the sleeve for disconnection.

For Low Pressure (Air)

HI CUPLA 200

Push-to-connect type for air lines

Working pressure



1.5 MPa
(15 kgf/cm²)

Valve structure



One-way shut-off

Applicable fluid



Air

Simple and secure push-to-connect type! Big flow rate! End-face seal design. Gives excellent handling touch.

- Just push the plug into the socket for simple and secure connection. This reduces connection time and improves efficiency.
- New valve design for low pressure loss to achieve flow rate increase (15% up over the conventional model).
- End-face seal is achieved when connected.
- Enhanced operability with low connection resistance.
- End-face seal design is superior to external seal with an O-ring due to no seal damage caused by exhausted lubrication.
- Available only with steel body. Not suitable for water or oil.
- Also available with quick connect/disconnect Tube Fitter type.



▼ With Tube Fitter



Specifications

Body material		Steel (Chrome plated)		
Size	Thread and hose barb	1/4", 3/8", 1/2"		
	Tube barb (Tube fitter)	Polyurethane tube: Outer dia. $\phi 6 \pm 0.1$, $\phi 8 \pm 0.15$, $\phi 10 \pm 0.15$ Polyamide tube: Outer dia. $\phi 6^{+0.05}_{-0.08}$, $\phi 8^{+0.05}_{-0.1}$, $\phi 10^{+0.05}_{-0.1}$ Fluorine contained resin tube: Outer dia. $\phi 6 \pm 0.07$, $\phi 8 \pm 0.07$, $\phi 10 \pm 0.07$		
Pressure unit		MPa	kgf/cm ²	bar
Working pressure		1.5	15	15
Seal material		Seal material	Mark	Working temperature range
Working temperature range		Nitrile rubber	NBR (SG)	-20°C to +60°C
		Standard material		

*Above specifications apply only to CUPLA. Maximum working pressure and working temperature range may vary depending on materials of the tube and the working temperature.

Maximum Tightening Torque

Nm (kgf·cm)

Size (Thread)	1/4"	3/8"	1/2"
Torque	14 {143}	22 {224}	60 {612}

Flow Direction

Fluid must run from socket to plug.



Interchangeability

Interchangeable with plugs of HI CUPLA models 10, 17, 20, 30 and 40.

Interchangeable with each models of NUT CUPLA series and HI CUPLA series (except models 400, 600, and 800). Please see [page 19](#) for "HI CUPLA Series Interchangeability".

Minimum Cross-Sectional Area

(mm²)

Socket	Plug	17PH	20PH	30PH	40PH	10PM	20PM	30PM	40PM	20PF	30PF	40PF
200-17SH		16	16	16	16	13	16	16	16	16	16	16
200-20SH		16	20	20	20	13	20	20	20	20	20	20
200-30SH		16	20	41	41	13	41	41	41	41	41	41
200-40SH		16	20	41	41	13	41	41	41	41	41	41
200-20SM		16	20	41	41	13	41	41	41	41	41	41
200-30SM		16	20	41	41	13	41	41	41	41	41	41
200-40SM		16	20	41	41	13	41	41	41	41	41	41
200-20SF		16	20	41	41	13	41	41	41	41	41	41
200-30SF		16	20	41	41	13	41	41	41	41	41	41
200-40SF		16	20	41	41	13	41	41	41	41	41	41

Suitability for Vacuum

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

Pressure - Flow Characteristics

[Test conditions] •Fluid : Air •Temperature : Room temperature

