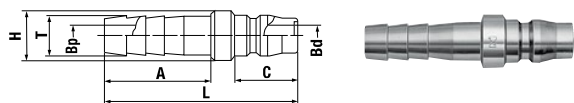
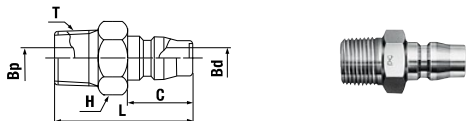


Plug PH type (Hose barb)



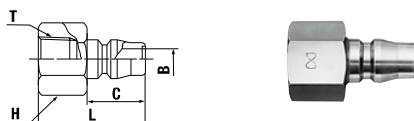
Model	Application (Hose)	Body material*Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	øH	A	C	øT	øBp	øBd
17PH	1/4"	24	-	-	54	16	27	20	7.2	4.5	7.5
20PH	1/4"	28	31	27	57	16	30	20	9	5	7.5
30PH	3/8"	32	34	33	61	16	34	20	11.3	7.5	7.5
40PH	1/2"	59	64	60	63	20	36	20	15	9	7.5
400PH	1/2"	65	71	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)



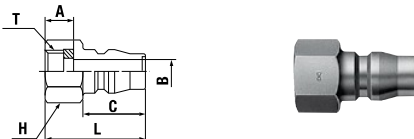
Model	Application (Thread)	Body material*Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	H(WAF)	C	T	øBp	øBd	
10PM	Rc 1/8	22	24	-	37	Hex.14	20	R 1/8	4	7.5	
20PM	Rc 1/4	25	27	26	41	Hex.14	20	R 1/4	7.5	7.5	
30PM	Rc 3/8	40	43	41	42	Hex.19 ²	20	R 3/8	7.5	7.5	
40PM	Rc 1/2	60	65	60	46	Hex.22	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)



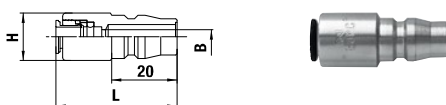
Model	Application (Thread)	Body material*Mass (g)			Dimensions (mm)				
		Steel	Brass	Stainless steel	L	H(WAF)	C	T	øB
20PF	R 1/4	28	31	29	36	Hex.17	20	Rc 1/4	7.5
30PF	R 3/8	35	41	38	37	Hex.21	20	Rc 3/8	7.5
40PF	R 1/2	69	76	70	38	Hex.29	20	Rc 1/2	7.5
400PF	R 1/2	82	86	81	41	Hex.29	23	Rc 1/2	13
600PF	R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



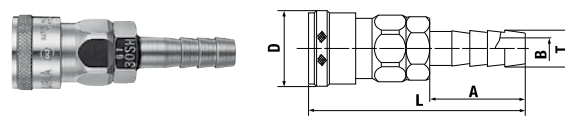
Model	Application (Thread)	Body material*Mass (g)			Dimensions (mm)					
		Steel	Brass	Stainless steel	L	H(WAF)	A	C	T	øB
20PFF	G 1/4	23	-	-	32	Hex.17	9	20	G 1/4	7.5

Plug PC type (Tube Fitter)



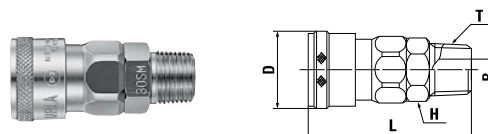
Model	Application (Tube)	Mass (g)	Dimensions (mm)		
			L	øH	øB
60PC	For 6 mm OD tube	25	(37)	14.5	4.5
80PC	For 8 mm OD tube	30	(41)	16.5	6.5
100PC	For 10 mm OD tube	43	(45)	19.5	7.5

Socket SH type (Hose barb)



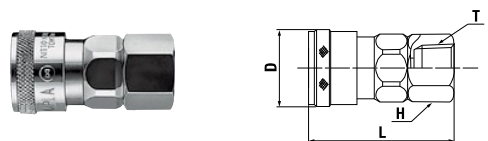
Model	Application (Hose)	Body material*Mass (g)			Dimensions (mm)				
		Steel	Brass	Stainless steel	L	øD	A	øT	øB
17SH	1/4"	99	-	-	(69.5)	(26.5)	27	7.2	4.5
20SH	1/4"	99	105	97	(72.5)	(26.5) ⁺¹	30	9	5
30SH	3/8"	102	107	100	(76.5)	(26.5) ⁺¹	34	11.3	7.5
40SH	1/2"	115	122	113	(78.5)	(26.5) ⁺¹	36	15	9
400SH	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.

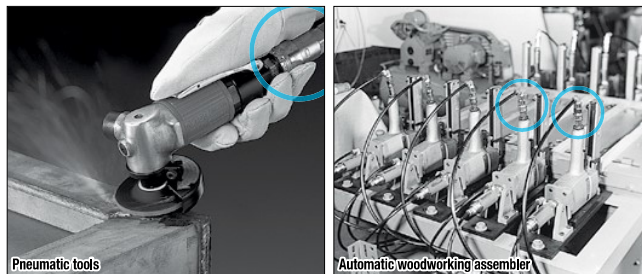
*1 : D = 25.4 for brass and stainless steel models.

*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)