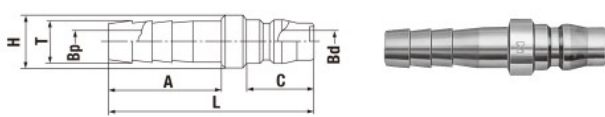
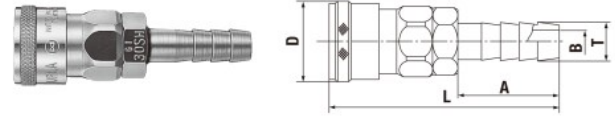


**Plug PH type (Hose barb)**



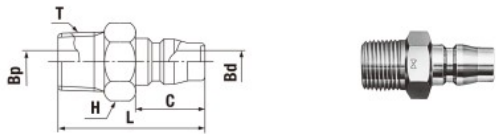
Model	Application (Hose)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	L	oH	A	C	oT	oBp	oBd
17PH	1/4"	24	-	-	54	16	27	20	7.2	4.5	7.5
20PH	1/4"	28	31	27	57	16	30	20	9	5	7.5
30PH	3/8"	32	34	33	61	16	34	20	11.3	7.5	7.5
40PH	1/2"	59	64	60	63	20	36	20	15	9	7.5
400PH	1/2"	65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

**Socket SH type (Hose barb)**



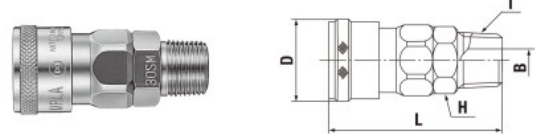
Model	Application (Hose)	Body material • Mass (g)			Dimensions (mm)				
		Steel	Brass	Stainless steel	L	oD	A	oT	oB
17SH	1/4"	99	-	-	(69.5)	(26.5)	27	7.2	4.5
20SH	1/4"	99	105	97	(72.5)	(26.5) <sup>+1</sup>	30	9	5
30SH	3/8"	102	107	100	(76.5)	(26.5) <sup>+1</sup>	34	11.3	7.5
40SH	1/2"	115	122	113	(78.5)	(26.5) <sup>+1</sup>	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

**Plug PM type (Male thread)**



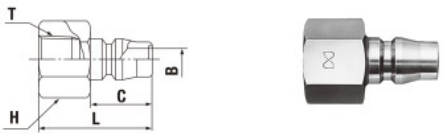
Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)					
		Steel	Brass	Stainless steel	L	H(WAF)	C	T	oBp	oBd
10PM	Rc 1/8	22	24	-	37	Hex.14	20	R 1/8	4	7.5
20PM	Rc 1/4	25	27	26	41	Hex.14	20	R 1/4	7.5	7.5
30PM	Rc 3/8	40	43	41	42	Hex.19 <sup>-3</sup>	20	R 3/8	7.5	7.5
40PM	Rc 1/2	60	65	60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

**Socket SM type (Male thread)**



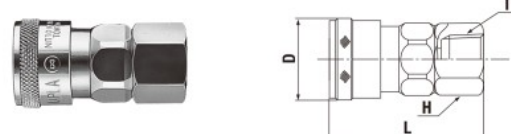
Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)				
		Steel	Brass	Stainless steel	L	oD	H(WAF)	T	oB
10SM	Rc 1/8	97	-	-	(52.5)	(26.5)	Hex.19	R 1/8	5
20SM	Rc 1/4	97	103	96	(55.5)	(26.5) <sup>+1</sup>	Hex.19	R 1/4	7
30SM	Rc 3/8	104	108	100	(56.5)	(26.5) <sup>+1</sup>	Hex.19	R 3/8	8 <sup>+4</sup>
40SM	Rc 1/2	127	135	126	(59.5)	(26.5) <sup>+1</sup>	Hex.23 <sup>+2</sup>	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

**Plug PF type (Female thread)**



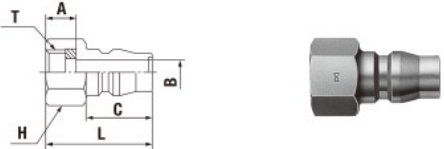
Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)				
		Steel	Brass	Stainless steel	L	H(WAF)	C	T	oB
20PF	R 1/4	28	31	29	36	Hex.17	20	Rc 1/4	7.5
30PF	R 3/8	35	41	38	37	Hex.21	20	Rc 3/8	7.5
40PF	R 1/2	69	76	70	38	Hex.29	20	Rc 1/2	7.5
400PF	R 1/2	82	86	81	41	Hex.29	23	Rc 1/2	13
600PF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

**Socket SF type (Female thread)**



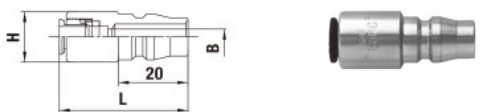
Model	Application (Thread)	Body material • Mass (g)			Dimensions (mm)			
		Steel	Brass	Stainless steel	L	oD	H(WAF)	T
20SF	R 1/4	97	101	94	(49.5)	(26.5) <sup>+1</sup>	Hex.19	Rc 1/4
30SF	R 3/8	98	103	95	(50.5)	(26.5) <sup>+1</sup>	Hex.21	Rc 3/8
40SF	R 1/2	136	146	138	(52.5)	(26.5) <sup>+1</sup>	Hex.29	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

**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	oB
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	oH	oB
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

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

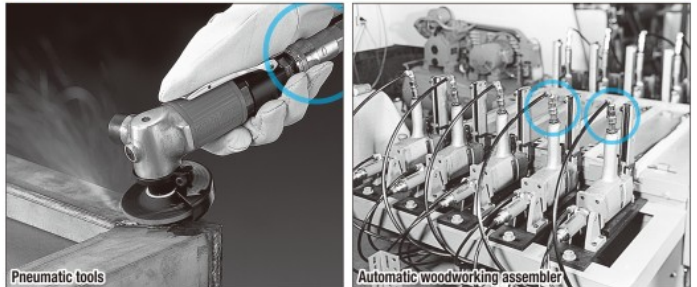
\*1 : D = 25.4 for brass and stainless steel models.

\*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**



**Plug and tube can be connected in one push-to-connect operation.**

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

Polyurethane, Polyamide and Fluorine contained resin tubes.

**PC type (Tube Fitter)**