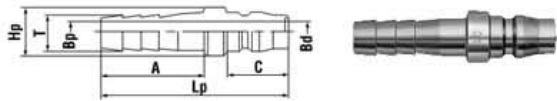
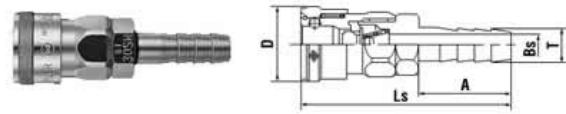


Plug PH type (Hose barb)



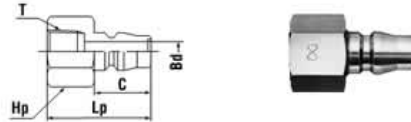
Model	Application (Hose)	Body material • Mass (g)			Dimensions (mm)						
		Steel	Brass	Stainless steel	Lp	øHp	A	C	øT	øBp	øBd
17PH	1/4"	24	—	—	54	16	27	20	7.2	4.5	7.5
20PH	1/4"	28	30	26	57	16	30	20	9	5	7.5
30PH	3/8"	31	34	27	61	16	34	20	11.3	7.5	7.5
40PH	1/2"	53	58	47	63	20	36	20	15	7.5	7.5
400PH	1/2"	66	72	67	66	22	36	23	15	9	13
600PH	3/4"	121	132	129	77	30	45	23	21	13	13
800PH	1"	152	167	150	85	34	54	23	27	20	13

Socket SH type (Hose barb)



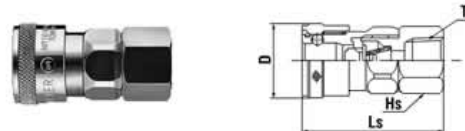
Model	Application (Hose)	Body material • Mass (g)			Dimensions (mm)				
		Steel	Brass	Stainless steel	Ls	øD	A	T	øBs
17SH	1/4"	99	—	—	(69.5)	26.5	27	7.2	4.5
20SH	1/4"	103	107	100	(72.5)	26.5 ⁺¹	30	9	5
30SH	3/8"	106	111	101	(76.5)	26.5 ⁺¹	34	11.3	7.5
40SH	1/2"	118	124	118	(78.5)	26.5 ⁺¹	36	15	9
400SH	1/2"	220	240	218	(83)	35	36	15	9
600SH	3/4"	251	273	242	(92)	35	45	21	14
800SH	1"	273	299	272	(102)	35	55	27	16

Plug PF type (Female thread)



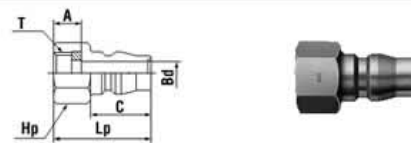
Model	Application	Body material • Mass (g)			Dimensions (mm)				
		Steel	Brass	Stainless steel	Lp	Hp(WAF)	C	T	øBd
20PF	R 1/4	28	30	30	36	Hex.17	20	Rc 1/4	7.5
30PF	R 3/8	39	41	41	37	Hex.21	20	Rc 3/8	7.5
40PF	R 1/2	70	77	69	38	Hex.29	20	Rc 1/2	7.5
400PF	R 1/2	82	89	81	41	Hex.29	23	Rc 1/2	13
600PF	R 3/4	116	126	118	45	Hex.35	23	Rc 3/4	13
800PF	R 1	190	202	192	54	Hex.41	23	Rc 1	13

Socket SF type (Female thread)



Model	Application	Body material • Mass (g)			Dimensions (mm)			
		Steel	Brass	Stainless steel	Ls	øD	Hs(WAF)	T
20SF	R 1/4	95	103	98	(49.5)	26.5 ⁺¹	Hex.19	Rc 1/4
30SF	R 3/8	103	105	99	(50.5)	26.5 ⁺¹	Hex.21	Rc 3/8
40SF	R 1/2	139	149	138	(52.5)	26.5 ⁺¹	Hex.29	Rc 1/2
400SF	R 1/2	216	235	216	(57)	35	Hex.29	Rc 1/2
600SF	R 3/4	260	283	258	(61)	35	Hex.35	Rc 3/4
800SF	R 1	324	353	317	(68)	35	Hex.41	Rc 1

Plug PFF type (Parallel female thread)

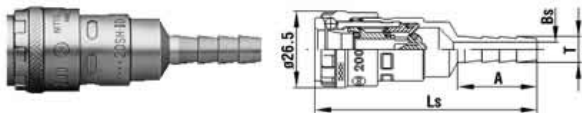


Model	Application	Body material • Mass (g)			Dimensions (mm)					
		Steel	Brass	Stainless steel	Lp	Hp(WAF)	A	C	T	øBd
20PFF	G 1/4	23	—	—	32	Hex.17	9	20	G 1/4	7.5

• Above pictures are plugs and sockets of steel 20, 30 and 40 models.
 *1 : D = 25.4 for brass and stainless steel models.
 *2 : Hs = Hex. 22 for brass and stainless steel models.
 *3 : Hp = Hex. 17 for brass and stainless steel models.

Models and Dimensions WAF : WAF stands for width across flat.

Socket SH type (Hose barb)

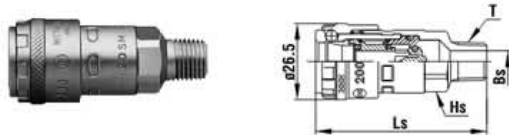


Model	Application (Hose)	Mass (g)	Dimensions (mm)			
			Ls	A	øT	øBs
200-17SH	1/4"	86	(77)	27	7.2	4.5
200-20SH	1/4"	90	(77)	27.5	9	5
200-30SH	3/8"	92	(79)	32	11.3	7.5
200-40SH	1/2"	104	(79.5)	32	15	10

Application example

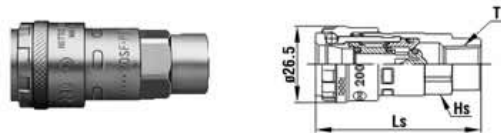


Socket SM type (Male thread)



Model	Application	Mass (g)	Dimensions (mm)			
			Ls	Hs(WAF)	T	BS
200-20SM	Rc 1/4	89	(60)	Hex.19	R 1/4	7.5
200-30SM	Rc 3/8	91	(60.5)	Hex.19	R 3/8	10
200-40SM	Rc 1/2	102	(56)	Hex.24	R 1/2	13

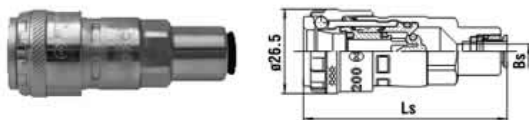
Socket SF type (Female thread)



Models	Application	Mass (g)	Dimensions (mm)		
			Ls	Hs(WAF)	T
200-20SF	R 1/4	94	(57.5)	Hex.19	Rc 1/4
200-30SF	R 3/8	103	(55.5)	Hex.22	Rc 3/8
200-40SF	R 1/2	138	(57.5)	Hex.29	Rc 1/2



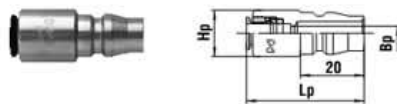
Socket SC type (With Tube Fitter)



Model	Application	Mass (g)	Dimensions (mm)	
			Ls	BS
200-60SC	For 6mm OD tube	100	(64)	5
200-80SC	For 8mm OD tube	105	(67.5)	6.5
200-100SC	For 10mm OD tube	123	(70.5)	8.5

* The outer dimensions of Model 200-100SC are a little bit different from those of other models.

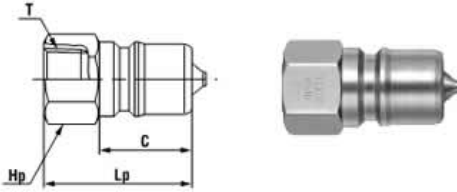
Plug PC type (With Tube Fitter)



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

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

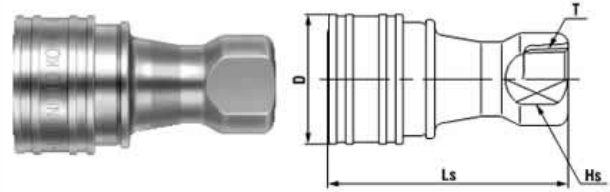
Plug Female thread



Model	Application	Mass (g)			Dimensions (mm)			
		Steel	Brass	Stainless steel	Lp	C	Hp(WAF ¹)	T
1P-A	R 1/8	17 ^{*1}	19	17	29	19	Hex.14	Rc 1/8
2P-A	R 1/4	32	34	32	36	22	Hex.17	Rc 1/4
3P-A	R 3/8	56	61	56	40	25	Hex.21	Rc 3/8
4P-A	R 1/2	112	121	112	44	28	Hex.29	Rc 1/2
6P-A	R 3/4	190	205	190	52	36	Hex.35	Rc 3/4
8P-A	R 1	311	333	310	62	40	Hex.41	Rc 1
10P-A	R 1 1/4	590	630	620	70	45	Hex.54 ^{*2}	Rc 1 1/4
12P-A	R 1 1/2	870	920	880	75	49	Hex.63 ^{*3}	Rc 1 1/2
16P-A	R 2	1540	1640	1560	80	52	77 x ø84	Rc 2

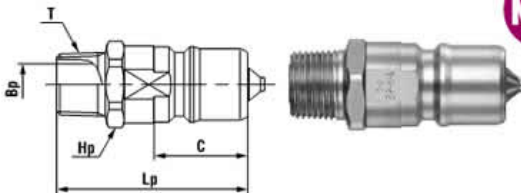
* The photos above show steel coupling. • The appearance of stainless steel coupling (SUS304) differs slightly from that shown in the photos above.
^{*1} 1P-A and 1S-A are made-to-order items. ^{*2} Stainless steel: 54 x ø59 ^{*3} Stainless steel: 63 x ø67

Socket Female thread



Model	Application	Mass (g)			Dimensions (mm)			
		Steel	Brass	Stainless steel	Ls	øD	Hs(WAF ¹)	T
1S-A	R 1/8	73 ^{*1}	79	75	48	24	14	Rc 1/8
2S-A	R 1/4	119	128	130	58	28	19	Rc 1/4
3S-A	R 3/8	187	202	193	65	35	21	Rc 3/8
4S-A	R 1/2	368	397	391	72	45	29	Rc 1/2
6S-A	R 3/4	639	686	645	88	55	35	Rc 3/4
8S-A	R 1	951	1024	962	102	65	41	Rc 1
10S-A	R 1 1/4	1430	1520	1440	115	77	54	Rc 1 1/4
12S-A	R 1 1/2	2130	2270	2150	124	88	63	Rc 1 1/2
16S-A	R 2	3280	3510	3310	132	108	77	Rc 2

Plug Male thread



Model	Application	Mass (g)			Dimensions (mm)				
		Brass			Lp	C	Hp(WAF ¹)	øBp	T
1P-M-A	Rc 1/8	24			40	19	Hex.14	5.5	R 1/8
2P-M-A	Rc 1/4	41			44	22	Hex.17	7.5	R 1/4
3P-M-A	Rc 3/8	71			51	25	Hex.21	11	R 3/8
4P-M-A	Rc 1/2	149			62	28	Hex.27	13	R 1/2

