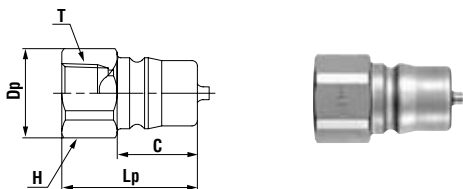
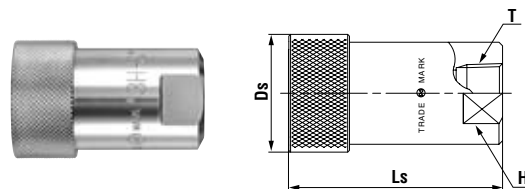


Plug HP type (Female thread)



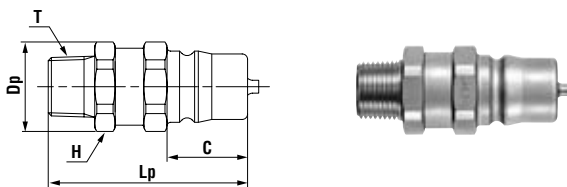
Model	Application	Mass (g)	Dimensions (mm)				
			Lp	øDp	C	H(WAF)	T
2HP	R 1/4	40	32	20.5	17.5	Hex.19	Rc 1/4
3HP	R 3/8	68	38	25	22.5	Hex.23	Rc 3/8
4HP	R 1/2	124	44	32	27.5	Hex.29	Rc 1/2
6HP	R 3/4	148	50	35	27.5	Hex.32	Rc 3/4
66HP	R 3/4	232	51	40	28	Two flats 35	Rc 3/4
8HP	R 1	361	61	47	36	Two flats 41	Rc 1
10HP	R1 1/4	886	80	64	58	Two flats 58	Rc1 1/4
12HP	R1 1/2	810	80	64	58	Two flats 58	Rc1 1/2
16HP	R 2	1513	115	100	83	Two flats 90	Rc 2

Socket HS type (Female thread)



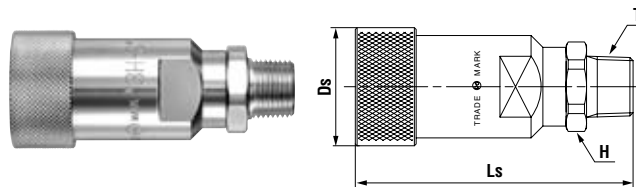
Model	Application	Mass (g)	Dimensions (mm)			
			Ls	øDs	H(WAF)	T
2HS	R 1/4	134	49	27.5	Two flats 19	Rc 1/4
3HS	R 3/8	226	60	33	Two flats 23	Rc 3/8
4HS	R 1/2	485	72	43	Two flats 35	Rc 1/2
6HS	R 3/4	460	72	43	Two flats 35	Rc 3/4
66HS	R 3/4	569	78.5	47	Two flats 35	Rc 3/4
8HS	R 1	1042	93	58	Two flats 46	Rc 1
10HS	R1 1/4	2586	138	87	Two flats 58	Rc1 1/4
12HS	R1 1/2	2510	138	87	Two flats 58	Rc1 1/2
16HS	R 2	3699	198	123	Two flats 80	Rc 2

Plug HP-R type (Male thread)



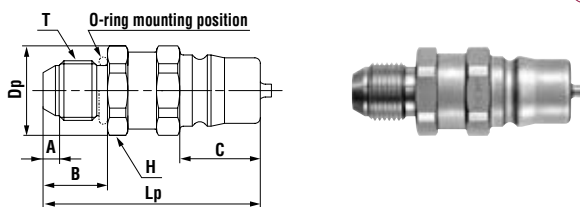
Model	Application	Mass (g)	Dimensions (mm)				
			Lp	øDp	C	H(WAF)	T
2HP-R	Rc 1/4	60	49	21	17.5	Hex.19	R 1/4
3HP-R	Rc 3/8	102	55.5	25	22.5	Hex.23	R 3/8
4HP-R	Rc 1/2	171	63	31	27.5	Hex.29	R 1/2
6HP-R	Rc 3/4	197	66	35	27.5	Hex.32	R 3/4

Socket HS-R type (Male thread)



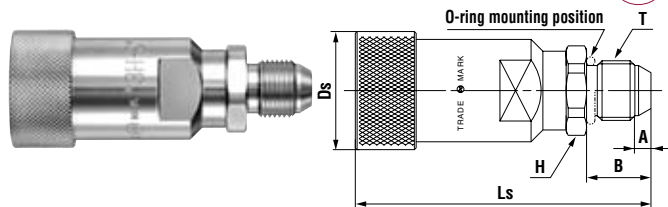
Model	Application	Mass (g)	Dimensions (mm)			
			Ls	øDs	H(WAF)	T
2HS-R	Rc 1/4	148	66	27.5	Hex.19	R 1/4
3HS-R	Rc 3/8	245	77.5	33	Hex.23	R 3/8
4HS-R	Rc 1/2	466	90	43	Hex.29	R 1/2
6HS-R	Rc 3/4	493	93	43	Hex.32	R 3/4

Plug HP-GP type (Parallel male thread with 30° flare)



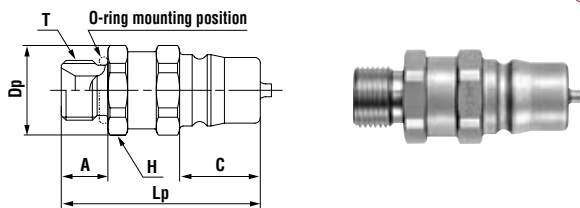
Model	Application*	Mass (g)	O-ring size	Dimensions (mm)						
				Lp	øDp	A	B	C	H(WAF)	T
2HP-GP	G 1/4	62	P-11	52.5	21	4.5	16	17.5	Hex.19	G 1/4B
3HP-GP	G 3/8	103	P-14	60.5	25	4.5	18	22.5	Hex.23	G 3/8B
4HP-GP	G 1/2	173	P-18	66	31	5.5	20	27.5	Hex.29	G 1/2B
6HP-GP	G 3/4	203	P-24	69	35	5.5	22	27.5	Hex.32	G 3/4B

Socket HS-GP type (Parallel male thread with 30° flare)



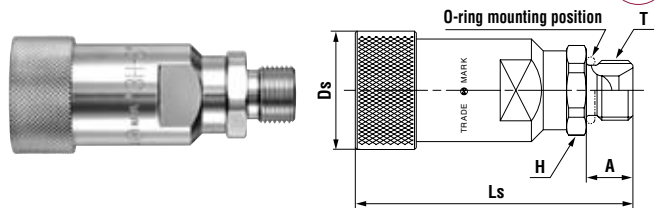
Model	Application*	Mass (g)	O-ring size	Dimensions (mm)					
				Ls	øDs	A	B	H(WAF)	T
2HS-GP	G 1/4	149	P-11	69.5	27.5	4.5	16	Hex.19	G 1/4B
3HS-GP	G 3/8	246	P-14	82.5	33	4.5	18	Hex.23	G 3/8B
4HS-GP	G 1/2	476	P-18	93	43	5.5	20	Hex.29	G 1/2B
6HS-GP	G 3/4	498	P-24	96	43	5.5	22	Hex.32	G 3/4B

Plug HP-GS type (Parallel male thread with 30° cone-seat)



Model	Application*	Mass (g)	O-ring size	Dimensions (mm)					
				Lp	øDp	A	C	H(WAF)	T
2HP-GS	G 1/4	59	P-11	48	21	11.5	17.5	Hex.19	G 1/4B
3HP-GS	G 3/8	99	P-14	55.5	25	13	22.5	Hex.23	G 3/8B
4HP-GS	G 1/2	167	P-18	60.5	31	14.5	27.5	Hex.29	G 1/2B
6HP-GS	G 3/4	191	P-24	63.5	35	16.5	27.5	Hex.32	G 3/4B

Socket HS-GS type (Parallel male thread with 30° cone-seat)



Model	Application*	Mass (g)	O-ring size	Dimensions (mm)				
				Ls	øDs	A	H(WAF)	T
2HS-GS	G 1/4	146	P-11	65	27.5	11.5	Hex.19	G 1/4B
3HS-GS	G 3/8	242	P-14	77.5	33	13	Hex.23	G 3/8B
4HS-GS	G 1/2	469	P-18	87.5	43	14.5	Hex.29	G 1/2B
6HS-GS	G 3/4	485	P-24	90.5	43	16.5	Hex.32	G 3/4B

*The counterpart of GP type must be the parallel female thread specified in JIS B 8363 with 30° cone-seat or the coupling with O-ring seal.
The counterpart of GS type must be the parallel female thread JIS B 8363 with 30° flare or the coupling with O-ring seal.