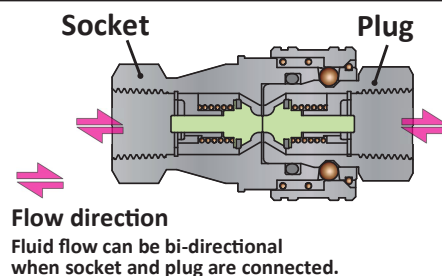


KS Series

For middle & low pressure
Twin valve type

Features

- Both the socket and plug of this twin-valve coupling incorporate a shutoff valve.
- The passage opens the moment the socket or plug is connected and closes the moment the socket or plug is disconnected. This virtually eliminates fluid loss and air entry.
- Numerous models are available varying in nominal diameter, body material with special seal. You can select precisely the best model for fluid and operating conditions.

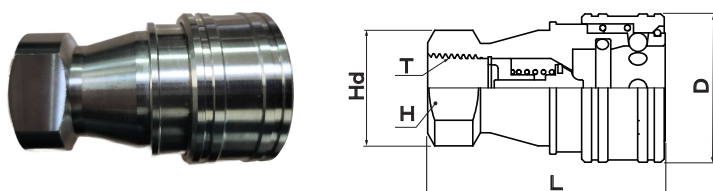


Specification

Model		KS-1	KS-2	KS-3	KS-4	KS-6	KS-8	KS-10	KS-12	KS-16
Nominal diameter		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Body material		Brass(C3604), Stainless steel (SUS304)								
Connection method (type)		Only female thread(both socket and plug)								
Max. Working pressure:MPa (Max. Impact pressure)	Brass	5.0(7.5)			3.0(4.5)			2.0(3.0)		1.5(2.3)
	Stainless steel	7.5(10.0)			4.5(6.5)			3.0(4.5)		2.0(3.0)
Seal material :Working temperature range		Fluoro rubber (FKM): -20℃ to +180℃								
Applicable fluid	Brass	Gasoline, Heavy oil, Kerosene, Water								
	Stainless steel	Alkaline fluid, Brine								
Use		Chemicals, Chemical plant, Water piping, Sea-water piping, Oxygen piping, Acetylene piping, Air piping, High pressure gas piping								

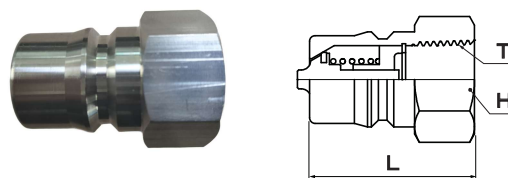


KS Socket (S) Female thread



Model	T (Rc)	Dimensions (mm)				Mass (g)	
		L	D(φ)	Hd(φ)	H (Face width)	Brass	Stainless steel
KS-1S	1/8	48	24	18	14	90	73
KS-2S	1/4	58	28	22	17	150	130
KS-3S	3/8	65	35	25	21	220	195
KS-4S	1/2	72	45	35	29	470	435
KS-6S	3/4	88	55	41	35	775	710
KS-8S	1	102	65	48	41	1090	1000
KS-10S	1-1/4	115	77.5	59	54	1730	1600
KS-12S	1-1/2	124	87.5	69	63	2550	2340
KS-16S	2	132	109	86	77	3950	3660

KS Plug (P) Female thread



Model	T (Rc)	Dimensions (mm)		Mass (g)	
		L	H(H:Hex. F:Face width)	Brass	Stainless steel
KS-1P	1/8	29	H14	20	18
KS-2P	1/4	36	H17	38	33
KS-3P	3/8	40	H21	65	55
KS-4P	1/2	44	H29	135	125
KS-6P	3/4	52	H35	230	210
KS-8P	1	62	H41	380	315
KS-10P	1-1/4	70	H54	650	600
KS-12P	1-1/2	75	H65	965	890
KS-16P	2	80	F77	1630	1510

When Socket and Plug are connected

*Socket and plug of different Nominal diameter (Model No) cannot be connected.



Model	Lt (mm)	Min. Cross-Section Area (mm ²)
KS-1	60	15
KS-2	71	27
KS-3	80	54
KS-4	89	76
KS-6	105	174
KS-8	125	276
KS-10	141	366
KS-12	151	454
KS-16	160	785

