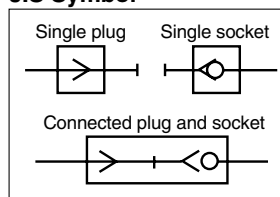


# S Couplers

## Series *KK*



JIS Symbol



### Specifications

<b>Fluid</b>	Air, Water
<b>Operating pressure range</b> <small>Note)</small>	KK2: -100 kPa to 1 MPa KK3: -90 kPa to 1 MPa KK4/6: 0 to 1 MPa
<b>Proof pressure</b>	1.5 MPa
<b>Ambient and fluid temperature</b>	Air: -5 to 60°C Water: 5 to 40°C (No freezing)
<b>Plating, Sealant</b>	Electroless nickel plated (copper-free and fluorine-free application), With male thread sealant

Note) Do not use the S couplers with a leak tester or for vacuum retention because they are not guaranteed for zero leakage.

### Performance

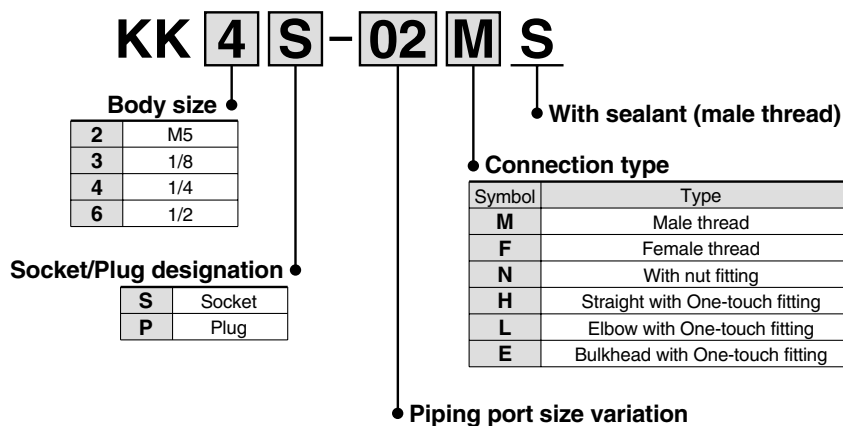
<b>Plug and socket connection</b>	One-touch connection and release
<b>Check valve</b>	Socket: Built-in check valve (standard)
<b>Sleeve lock mechanism</b> <small>Note)</small>	Manual locking type (standard)

Note) Series KK2 is not provided with lock mechanism.

### Effective Area

Body size	Plug	Socket	Effective area mm <sup>2</sup>
M5	KK2P-M5M	KK2S-M5M	3.8
1/8	KK3P-01MS	KK3S-01MS	20
1/4	KK4P-02MS	KK4S-02MS	39
1/2	KK6P-04MS	KK6S-04MS	82

### How to Order



Male/Female thread type

Symbol	Thread size
M5	M5 x 0.8
01	R, Rc 1/8
02	R, Rc 1/4
03	R, Rc 3/8
04	R, Rc 1/2
06	R, Rc 3/4

One-touch fitting type

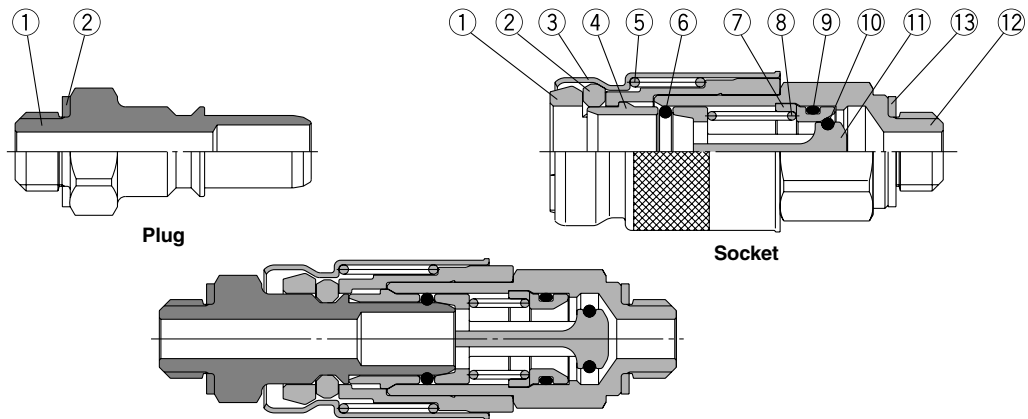
Symbol	Applicable tubing O.D. mm
23	ø3.2
04	ø4
06	ø6
08	ø8
10	ø10
12	ø12
16	ø16

Nut fitting type

Symbol	Applicable hose I.D./O.D. mm
50	5/8
60	6/9
65	6.5/10
80	8/12
85	8.5/12.5
110	11/16

## Construction

### KK2



#### Plug

No.	Description	Material	Note
1	Stem	C3604	Electroless nickel plated
2	Gasket	Stainless steel 304, NBR	

#### Series KK2 Spare Parts

Description	Part no.	No.
Gasket	M-5G2	Plug②
		Socket⑬

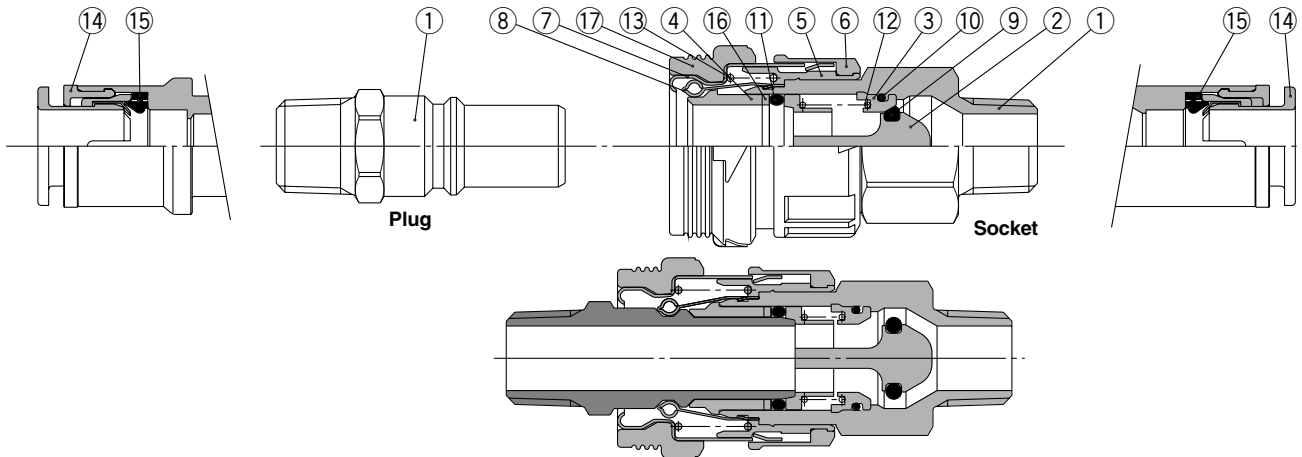
#### Socket

No.	Description	Material	Note
1	Spacer	PBT	
2	Chuck	PBT	
3	Sleeve	C2680	Electroless nickel plated
4	Collar	C3604	Electroless nickel plated
5	Sleeve spring	Stainless steel 304	
6	Plug O-ring	NBR	
7	Valve seat	PBT	
8	Valve spring	Stainless steel 304	
9	Valve seat O-ring	NBR	
10	Valve O-ring	FKM	
11	Valve	PBT	
12	Socket body	C3604	Electroless nickel plated
13	Gasket	Stainless steel 304, NBR	

### KK3/4/6

<With One-touch fitting >

<With One-touch fitting >



#### Plug

No.	Description	Material	Note
1	Stem	C3604	Electroless nickel plated
14	Cassette	—	
15	Seal	NBR	

#### Series KK/KKH Spare Parts

Description	Part no.	No.
Sleeve cover	KK3S-P01	Socket⑰
	KK4S-P01	
	KK6S-P01	

#### Socket

No.	Description	Material	Note
1	Body	C3604	Electroless nickel plated
2	Valve	PBT	
3	Valve seat	PBT	
4	Collar	PBT	
5	Spacer	PBT	
6	Lock ring	Shock absorbent PBT	
7	Sleeve	Cold rolled carbon steel sheet	Electroless nickel plated
8	Chuck	Stainless steel 304	
9	Valve O-ring	FKM	
10	Valve seat O-ring	NBR	
11	Plug O-ring	NBR	
12	Valve spring	Stainless steel 304	
13	Sleeve spring	Stainless steel 304	
14	Cassette	—	
15	Seal	NBR	
16	Collar 2	Stainless steel 304	
17	Sleeve cover	Weather resistant NBR	