

# S Couplers

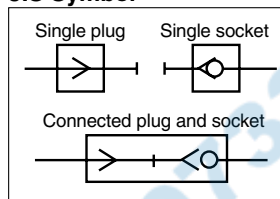
# Series **KK**



Series KK2

Series KK3/4/6

### 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

**KK 4 S - 02 M S**

#### Body size

2	M5
3	1/8
4	1/4
6	1/2

#### Socket/Plug designation

<b>S</b>	Socket
<b>P</b>	Plug

#### With sealant (male thread)

#### Connection type

Symbol	Type
<b>M</b>	Male thread
<b>F</b>	Female thread
<b>N</b>	With nut fitting
<b>H</b>	Straight with One-touch fitting
<b>L</b>	Elbow with One-touch fitting
<b>E</b>	Bulkhead with One-touch fitting

#### Piping port size variation

##### Male/Female thread type

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

##### One-touch fitting type

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

##### Nut fitting type

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