

Uses

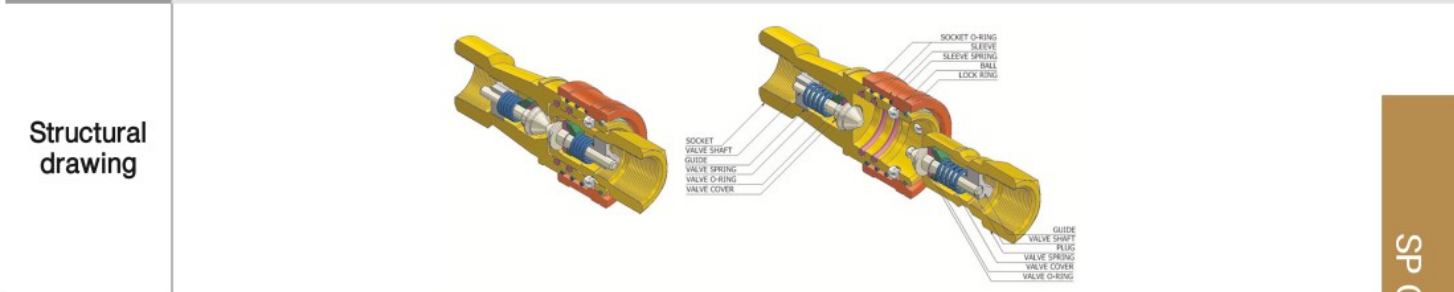
- This coupler is to be applied to piping and equipment for steam, oil, chemicals, and air.

Features

- Widely used for vacuum applications. Easily handles fluids and vacuum resistant at 10mmHg when separated.
- On-off valves are built into both the socket and the plug. This medium-to-high pressure coupler is durable and hermetic compared to existing couplers.
- High safety, two-way on-off type coupler.

Specifications

Operating fluids	Air, Water, Gasoline, Oil, Steam
Material	Brass
Operating pressure	Rc 1/8~Rc 3/8 : 0~50kgf/cm ² (5000kPa) Rc 1/2~Rc 1 : 0~30kgf/cm ² (3000kPa)
Operating temperature range	-20 ~ 80℃



Example of uses

- Compatibility:** Coupler of different sizes cannot be connected.
- Direction of attaching and fastening of coupler:** Fluid flows through either plug or socket.

Minimum cross-sectional area (mm²)

Product name	01 SP	02 SP	03 SP	04 SP	06 SP	08 SP	Note
Minimum cross-sectional area	10	25	43	90	180	305	FKM(Viton)

CAUTIONS

- Be sure to note the precautions and warnings of the coupler before use.
- The SP coupler may not be fastened due to manufacture to different specifications. Please contact us to select and use the product.

WARNINGS

- Avoid attaching or detaching the coupler under pressurized conditions. Please note that this may cause damage to the device and human life.
- Be aware that artificially applied curvature, tension, and impact may cause damage.
- Do not rotate the coupler in order to use as a replacement for the rotary or swivel joints.
- Avoid using a coupler when a big vibration or impact applied by tools or devices may cause shock.
- May be difficult to fasten a coupler under residual pressure, so completely release the residual pressure before fastening.
- Do not arbitrarily disassemble the coupler.

Product model Number

S 	MODEL(T)	MODEL(T)	P
	Thread Rc	Thread Rc	
	SP 01S	SP 01P	
	SP 02S	SP 02P	
	SP 03S	SP 03P	
	SP 04S	SP 04P	
	SP 06S	SP 06P	
	SP 08S	SP 08P	
	Thread Rc	Thread Rc	
	SUS-SP 01S	SUS-SP 01P	
	SUS-SP 02S	SUS-SP 02P	
	SUS-SP 03S	SUS-SP 03P	
	SUS-SP 04S	SUS-SP 04P	
	SUS-SP 06S	SUS-SP 06P	
	SUS-SP 08S	SUS-SP 08P	