

Uses

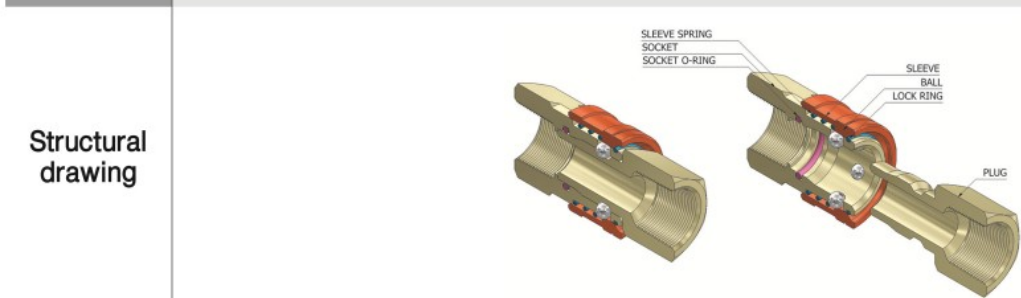
- This coupler is to be applied to piping and equipment for steam, oil, chemicals, and air.
- Widely used for vacuum applications. Easily handles fluids and is vacuum resistant at 10mmHg when separated.

Features

- On-off valves are built into both the socket and the plug. This medium-to-high pressure coupler is very 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 to Rc 3/8: 0 to 50kgf/cm ² (5,000kPa) Rc 1/2 to Rc 1: 0 to 30kgf/cm ² (3,000kPa)
Operating temperature range	-20°C to 80°C



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)

Socket Plug
Straight through

CAUTIONS

- Be sure to note the precautions and warnings of the coupler product 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

TS

MODEL(T)

Thread Rc

TSP 01TS	SUS-TSP 01TS
TSP 02TS	SUS-TSP 02TS
TSP 03TS	SUS-TSP 03TS
TSP 04TS	SUS-TSP 04TS
TSP 06TS	SUS-TSP 06TS
TSP 08TS	SUS-TSP 08TS

TP

MODEL(T)

Thread Rc

TSP 01TP	SUS-TSP 01TP
TSP 02TP	SUS-TSP 02TP
TSP 03TP	SUS-TSP 03TP
TSP 04TP	SUS-TSP 04TP
TSP 06TP	SUS-TSP 06TP
TSP 08TP	SUS-TSP 08TP

TM

MODEL(T)

Thread R

TSP 01TM	SUS-TSP 01TM
TSP 02TM	SUS-TSP 02TM
TSP 03TM	SUS-TSP 03TM
TSP 04TM	SUS-TSP 04TM
TSP 06TM	SUS-TSP 06TM
TSP 08TM	SUS-TSP 08TM

TSP Couplers