**QCSJS** HEAVY DUTY SHAFT COUPLING CLAMP

- **Body Shank Pin Spring**
  - S45C steel, Electroless nickel plated
  - SKS3 steel, Electroless nickel plated
  - SUS303 stainless steel, Equivalent to SWOSC-V steel

- **Part Number**
  - **Clamping Force (N)**
  - **Weight (g)**
  - **Proper Locking Receptacle**
  - **Proper Locking Receptacle**
  - QCSJS0822A 400 76 QCSJS0822-S QCTHS0834-B

- **Supplied With**
  - 2 of cone point setscrews (stainless steel), M4×0.7-5L

**QCSJS-S** LOCKING RECEPTACLE

- **Body**
  - S45C steel, Electroless nickel plated
  - SSUS440C stainless steel, Quenched and tempered

- **Collar**
  - SKS3 steel, Electroless nickel plated
  - Quenched and tempered

- **Retaining Ring**
  - SUS304WPB stainless steel

- **Part Number**
  - **Weight (g)**
  - QCSJS0822-S 42

- **Supplied With**
  - 2 of cone point setscrews (stainless steel), M4×0.7-5L

- **QCTHS-B** Locking Receptacle
**Feature**
When the cam groove moves along the balls inside the receptacle, the spring gets compressed to clamp the shafts.

**How To Use**

1. Align the cam groove with the ball in Locking Receptacle and insert.
2. Turn the shaft for 90° to clamp. The element clicks when clamped. For unclamping, follow back these steps.

**Application Example**

Change of the press machine attachment

Heavy Duty Shaft Coupling Clamp QCSJS0822A

Locking Receptacle QCSJS0822-S

Continuing on Next Page
Application Example

Change of riser

Heavy Duty Shaft Coupling Clamp
QCSJS0822A

Pattern A

Pattern B

Locking Receptacle
QCTHS0834-B

Technical Information

Installation on Shaft
- Heartresistant Temperature 180°C
- Mechanical Strength

Installation on Plate
- Heartresistant Temperature 180°C
- Mechanical Strength

Shear Strength 4800N Tensile Strength 1600N

Shear and tensile strength is allowable load and the fastener could break when it receives bigger load.
When the fastener receives tensile load that is bigger than its clamping force, there is a gap between the parts.

Mounting Direction

Installation on Shaft

Installation on Plate

Shear Strength 4800N Tensile Strength 1600N
How To Install

Installation on Shaft
Heavy Duty Shaft Coupling Clamp

Fix with setscrews (Cone point)
2-M4×0.7

Installation on Plate
Heavy Duty Shaft Coupling Clamp

Fix with setscrews (Cone point)
2-M4×0.7

Note

Unclamping
Clamping
Decide the mounting hole position depending on the clamped part direction.

Locking Receptacle (QCSJS0822-S)

3-M3×0.5 (Equally Spaced)

Repeatability

Repeatability ±0.08

Prepare male and female fittings for higher accurate locating.

Unclamping
Clamping

Plate thickness should be 9mm or more.

Fix with setscrews (Cone point)

Fix with setscrews (Cone point)

Hole for M4×0.7 Setscrew

Prepare male and female fittings for higher accurate locating.