

# QCSJS

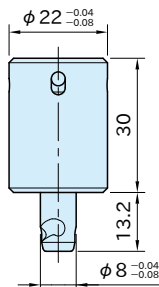
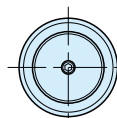
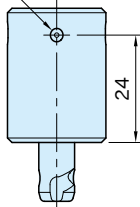
## HEAVY DUTY SHAFT COUPLING CLAMP



Heat resistance: 180°C



2-Countersink  
For M4 Cone Point Setscrew



★Key Point  
Strong clamping  
by the spring

Body	Shank	Pin	Spring
S45C steel Electroless nickel plated	SKS3 steel Electroless nickel plated Quenched and tempered	SUS303 stainless steel	Equivalent to SWOSC-V steel

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

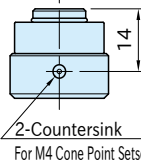
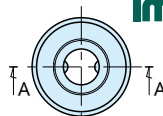
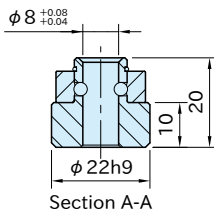
\*) The holding force limits the gap between plates within 0.1 mm.

### Supplied With

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

# QCSJS-S

## LOCKING RECEPTACLE



Section A-A

2-Countersink  
For M4 Cone Point Setscrew

Part Number	Weight (g)	Body	Ball	Collar	Retaining Ring
<b>QCSJS0822-S</b>	42	S45C steel Electroless nickel plated	SUS440C stainless steel Quenched and tempered	SKS3 steel Electroless nickel plated Quenched and tempered	SUS304WPB stainless steel

### Supplied With

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

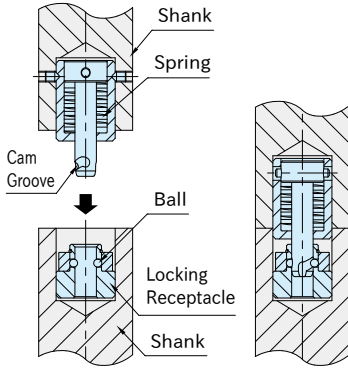
### QCTHS-B Locking Receptacle



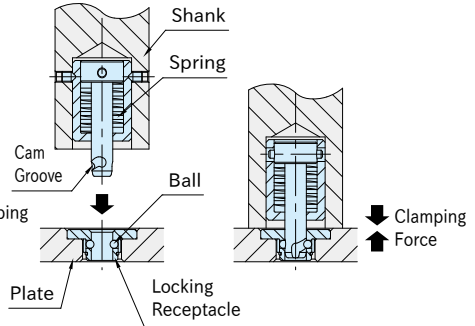
## Feature

When the cam groove moves along the balls inside the receptacle, the spring gets compressed to clamp the shafts.

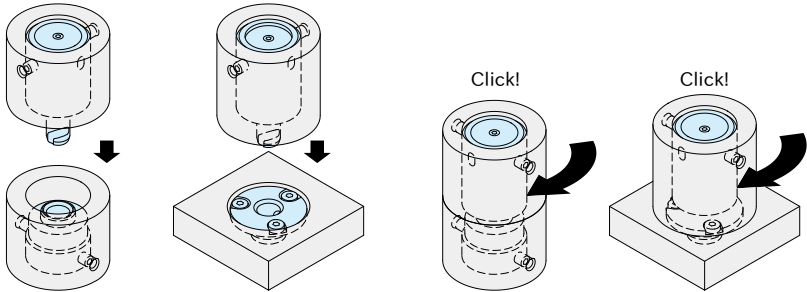
### Installation on Shaft



### Installation on Plate



## How To Use

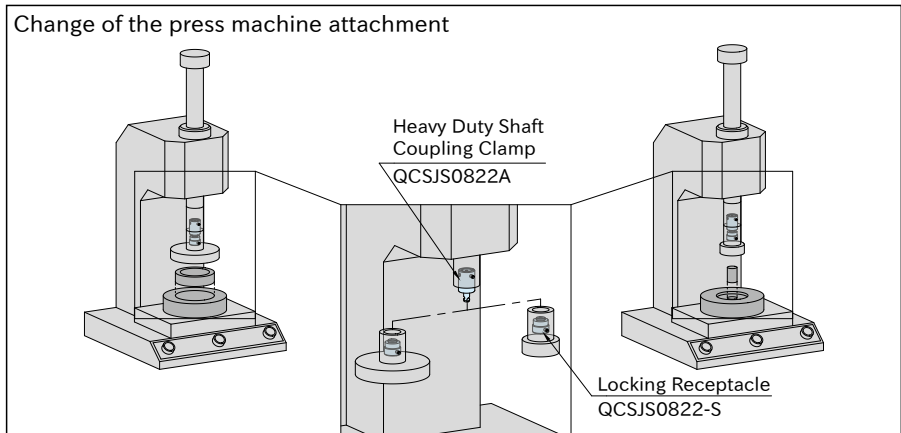


1. Align the cam groove with the ball in Locking Receptacle and insert.

2. Turn the shaft for  $90^\circ$  to clamp.  
The element clicks when clamped.  
For unclamping, follow back these steps.

## Application Example

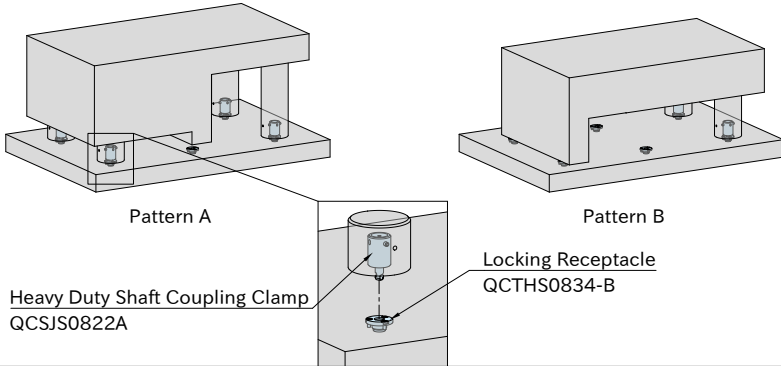
### Change of the press machine attachment



Continuing on Next Page

## Application Example

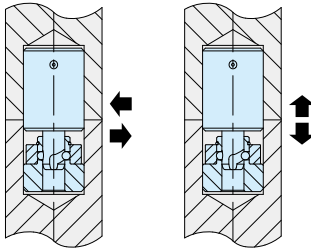
### Change of riser



## Technical Information

### Installation on Shaft

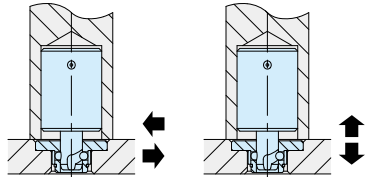
- Heartresistant Temperature 180°C
- Mechanical Strength



Shear Strength 4800N    Tensile Strength 1600N

### Installation on Plate

- Heartresistant Temperature 180°C
- Mechanical Strength

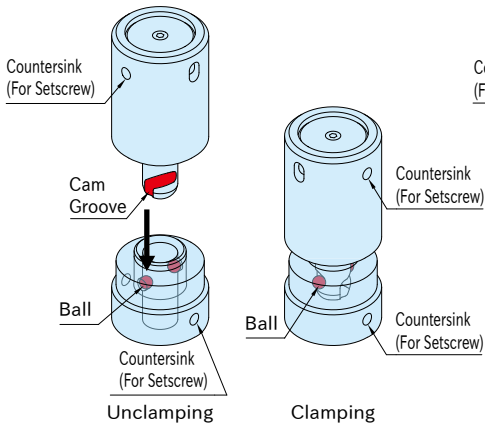


Shear Strength 4800N    Tensile Strength 1600N

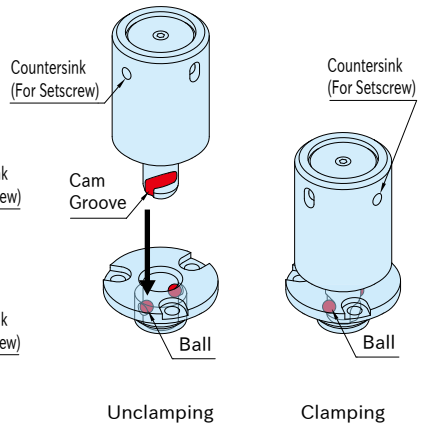
Shear and tensile strength is allowable load and the fastener could break when it receives bigger load.

## Mounting Direction

### Installation on Shaft



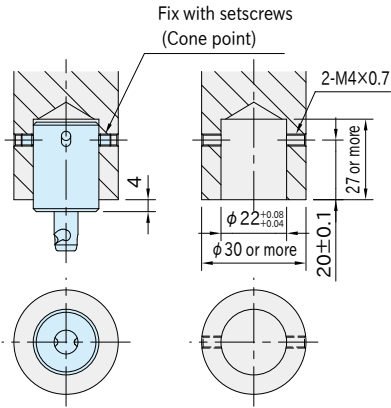
### Installation on Plate



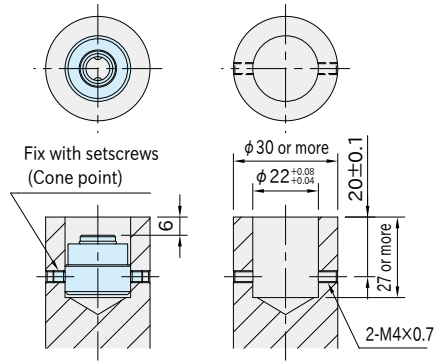
## How To Install

### Installation on Shaft

#### Heavy Duty Shaft Coupling Clamp

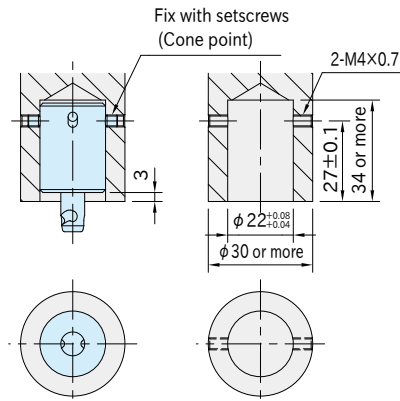


#### Locking Receptacle (QCSJS0822-S)



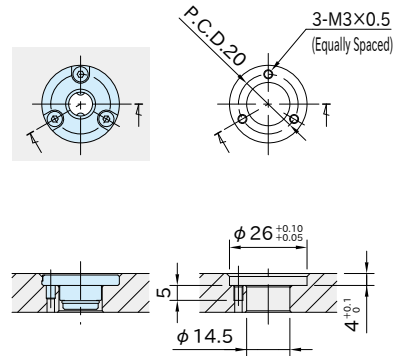
### Installation on Plate

#### Heavy Duty Shaft Coupling Clamp

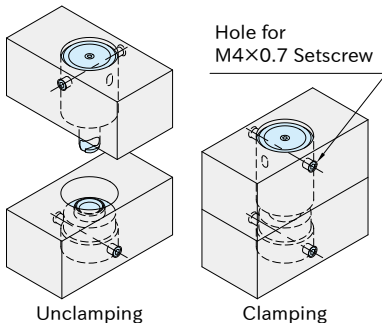


#### Locking Receptacle (QCTHS0834-B)

Plate thickness should be 9mm or more.



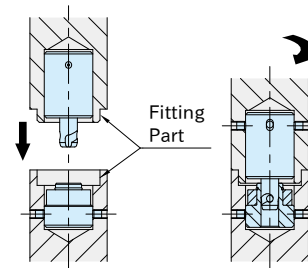
## Note



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

## Repeatability

Repeatability ±0.08



Prepare male and female fittings for higher accurate locating.