

One Touch Fasteners Selection Guide

Products

Standard  
Heavy Duty

How it  
works

Clamping  
Force (N)  
Holding  
Force (N)

Clamping  
Mechanism

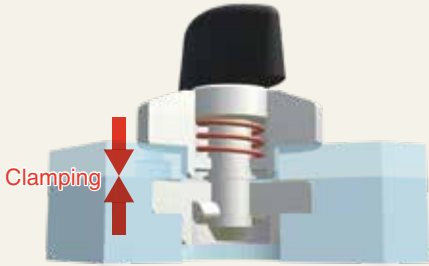
Pros &  
Cons

Quarter Turn



QUARTER TURN CLAMPS	RETRACTABLE QUARTER TURN CLAMPS	FLAT QUARTER TURN CLAMPS	KNOB LOCKING PINS	RETRACTABLE KNOB LOCKING PINS	PIN HOLDING CLAMPS
QCTH QCTHS	QCTHA QCTHSA	QCFC -	QCWE QCWES	QCWEA QCWESA	QCPC QCPCS
Clamping with 1/4 turn					
Retractable shaft allows sliding movement	Flat design with recessed knob and body		Retractable shaft allows sliding movement	Clamping pin for space-limited application	
60, 90, 250, 400	60, 90, 250, 400	30, 60	30, 50, 1000, 2000	30, 50, 1000, 2000	7, 9, 150, 250
			90, 150, 2500, 5000	90, 150, 2500, 5000	110, 150, 450, 750

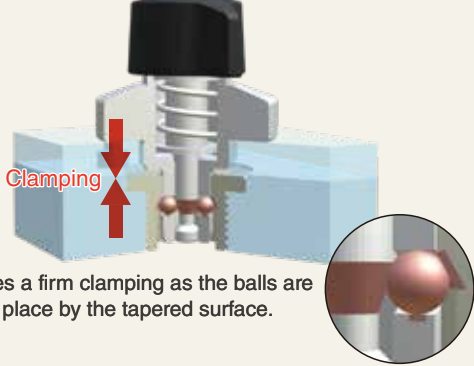
Cam & Spring Clamping



Spring clamps and holds the plates, and the tip key prevents the fastener from being pulled out.

- Vibration resistant with key lock to prevent accidental removal
- ON/OFF indicator for safety
- Tensile force greater than clamping force creates a gap between the plates

Ball Lock Clamping



Provides a firm clamping as the balls are held in place by the tapered surface.

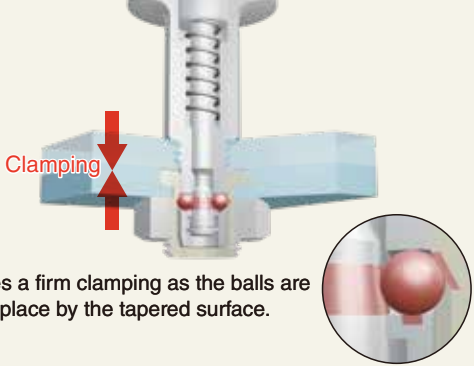
- High holding force for use in the presence of a counterforce
- ON/OFF indicator for safety
- Clamping force lower than the holding force
- Low resistance to vibration

Button Push



BUTTON LOCKING PINS	SNAP IN CLAMPS	HOLE HOLDING CLAMPS
QCBU -	QCOW -	QCHC -
Press the button to insert	Simply press the clamp onto the pin	Press the button to insert
Base plate is kept flat with receptacle.	Clamping pin for space-limited application	Only through hole required
30, 50	6	3, 6
90, 150	100	30, 60

Ball Lock Clamping



Provides a firm clamping as the balls are held in place by the tapered surface.

- High holding force for use in the presence of a counterforce
- Secure locking upon releasing button
- Clamping force lower than the holding force
- Low resistance to vibration

Twist Coupling



SHAFT COUPLING CLAMP	SHAFT COUPLING CLAMP WITH SAFETY LOCK
QCSJ QCSJS	QCSJLK -
Twist the shaft 90 degrees for coupling	
90, 400	-

Cam & Spring Clamping

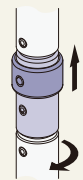


Clamps and holds the shafts with spring force

- High clamping force
- Greater tensile force than clamping force makes a gap between the shafts.

Turn Lock & Hold

Shafts cannot be rotated or pulled out when in the locking position.



- Safety lock
- No clamping force

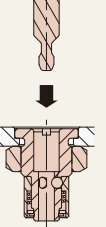
Push Pull



BALL LOCK CLAMPS	MAGNET LOCK CLAMP
QCBA, QCBAS -	QCMA -
Clamped instantly once the pin is inserted	Clamped instantly with magnet
7, 15	7

Spring Clamping

Three balls pull in the clamping pin.



- Easy & instant lock
- Very low clamping force

Magnetic Clamping

Magnet pulls in the clamping pin.

