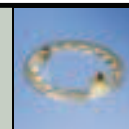


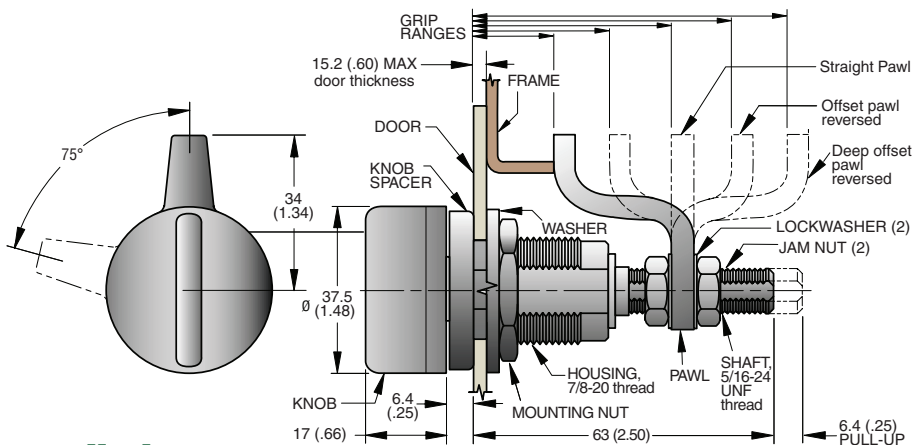
Southco® Compression Latches

Vise Action Series Knob Style

- Single-hole mount, large size
- Wider flange for mounting in non-metallic materials
- Knob provides quick, unrestricted access

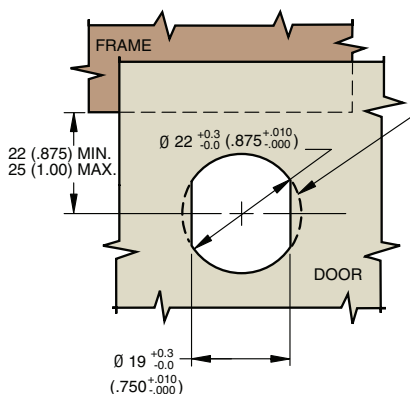


Accessory for this latch. See page 36.



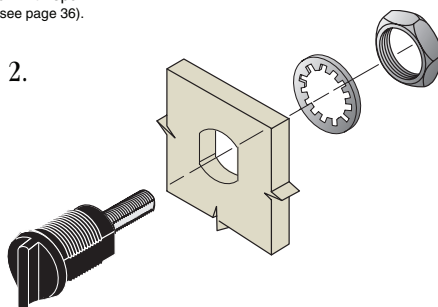
Installation

1.

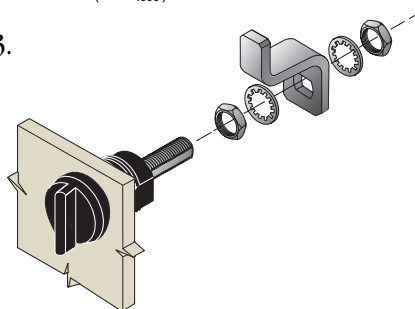


OPTIONAL: Round hole installation with spur washer (see page 36).

2.

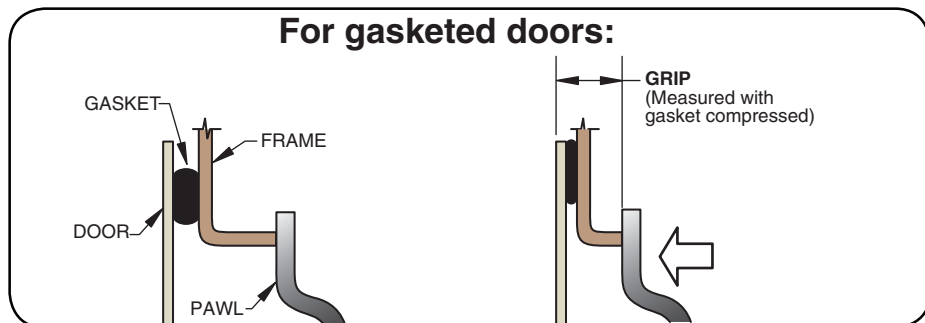


3.



4. **To adjust grip:** Measure your grip. Open door. Position pawl on shaft to your grip measurement (with pawl in latched position). Tighten jam nuts hard against lock-washers and pawl using two wrenches.

For gasketed doors:



CAUTION: Set pawl position so that no more than 3.4 N•m (30 in.-lbs.) of torque is required to secure door.

Material and Finish

HOUSING: Die cast zinc, black powder coated.

SPRING: 302 Stainless steel, natural.

O-RING: Buna-N rubber, black.

PIN: 1008 Steel, zinc plated plus chromate dip.

WASHER and PAWL: 1010 Steel, zinc plate, chromate plus sealer.

CAM and SLEEVE: 1075 Case hardened steel, zinc immersion coating.

SHAFT: Low carbon steel, zinc plate, chromate plus sealer.

JAM NUTS: Steel, zinc plate, chromate plus sealer.

LOCKWASHERS: Spring steel, zinc plate, chromate plus sealer.

MOUNTING NUT: Brass, zinc plate, chromate plus sealer.

KNOB: Glass filled nylon, black.

KNOB SPACER: Nylon, black.

RETAINER: Polycarbonate, black.

GRIP RANGE		PART NUMBERS
MIN.	MAX.	
10 (.39)	27 (1.06)	E3-10-504-50 * •
24 (.94)	40 (1.57)	E3-10-505-50 * •
36 (1.42)	52.5 (2.06)	E3-10-506-50 ‡ •
49 (1.94)	65.5 (2.57)	E3-10-505-50 * •
63.5 (2.50)	79 (3.11)	E3-10-504-50 * •

Spur Washer listed on page, 36.

* The same pawl (curved forward or reversed) is supplied for both short and long grips.

‡ For intermediate grip, straight pawl is supplied.

Product Strength Guidelines

(To assist in your product selection; samples are available for your evaluation.)

Maximum static load: 445 N (100 lbs.)

Average ultimate load: 890 N (200 lbs.)

millimeter (inch)
millimeter (inch)

Dimensions without tolerances are for reference only.