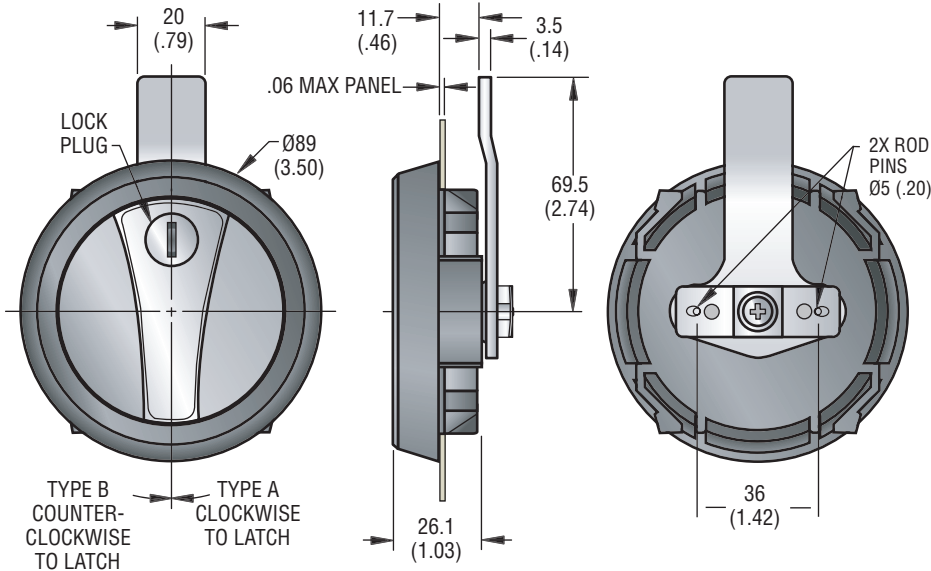


Southco® 01 Cam Latch Flush

- Snap-in installation
- Attractive styling
- Accommodates 3 point latching
- Optional key lock
- Left of right hand actuation



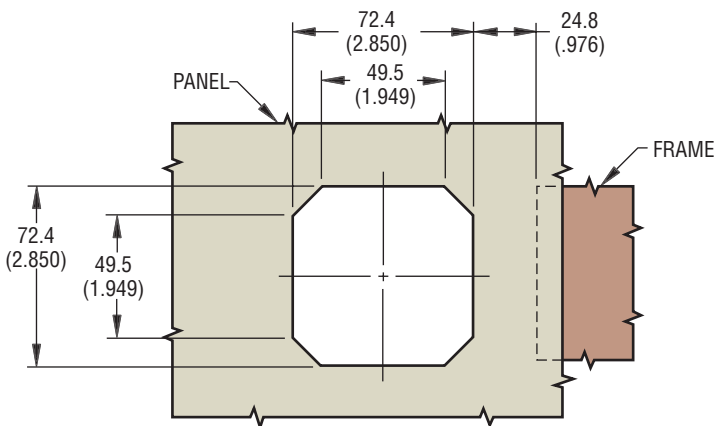
Material and Finish

HANDLE: Die-cast zinc, gray powder coating
 HOUSING: ABS, black
 TRIM and RETAINER: Stainless steel
 LOCK PLUG: Die-cast zinc with brass wafer and stainless steel trim
 CAM, CAM CLIP, WAVE, and WASHER MOUNTING SCREW: Steel, nickel plate

PART NUMBERS			
LOCKING*		NON-LOCKING	
TYPE A	TYPE B	TYPE A	TYPE B
01-10-721-51	01-10-722-51	01-10-701-51	01-10-702-51

* 2 flat keys on a ring supplied with locking version, CH751 key code. Additional key codes available upon request.

Panel Preparation



millimeter (inch)
 millimeter
 (inch)

Dimensions without tolerances are for reference only.

Southco® Pawl/Cam Action Latches

Flush Cup Series

- Flush/low profile on the surface, minimal inside protrusion
- Use with single-, 2-, or 3-point latching (See pages 160 to 164)
- Two sizes
- Keylocking version available in the mid-size version
- Choice of Flat or Bail handle in the mid-size version



Small

Shown Actual Size



Mid-size

Material and Finish

HOUSING, ACTUATOR, PAWL, and PAWL FOOT: 1010 Steel, zinc plate, chromate plus sealer.

STUDS, NUTS and PAWL SCREW: Steel, zinc plate, chromate plus sealer.

LOCKWASHERS: Spring steel, zinc plate, chromate plus sealer. PIN: 303 Stainless steel, passivated.

SMALL SIZE

HANDLE: ABS chrome plated or black (see table).

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

CUP: 1010 Steel, chrome plated or black powder coating (see table).

MID SIZE

HANDLE: ABS chrome plated or black (see table).

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

CUP: 304 Stainless steel, electropolished, or 1010 steel black powder coating (see table).

WASHER: Nylon, natural.

LOCK HOUSING: Die-cast zinc, chrome plated or black powder coating (see table). LOCK PLUG: Die-cast zinc and brass, chrome plated or black powder coating (see table).

LOCK HOUSING NUT: Die-cast zinc, chemical protective film.

LOCK PAWL: 1010 Steel, zinc plate, chromate plus sealer.

LOCK PAWL SCREW: 303 Stainless steel, passivated.

LOCK PAWL SCREW: 303 Stainless steel, passivated.

MID SIZE BAIL HANDLE

HANDLE: Die-cast zinc, chrome plated.

SHAFT: Low carbon steel, chrome.

CUP: 304 Stainless steel, electropolished.

WEAR WASHER: 302 Stainless steel, passivated.

U-BENT WASHER: Spring steel, zinc plate, chromate plus sealer.

WASHER: Nylon, natural.

LOCK HOUSING: Die-cast zinc, chrome plated or black powder coating (see table). LOCK PLUG: Die-cast zinc and brass, chrome plated or black powder coating (see table).

LOCK HOUSING NUT: Die-cast zinc, chemical protective film.

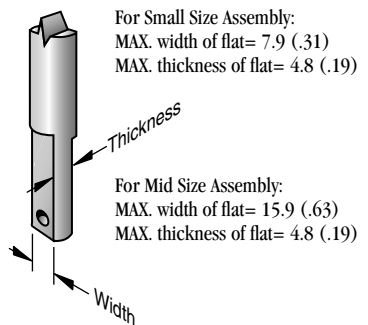
LOCK PAWL: 1010 Steel, zinc plate, chromate plus sealer.

LOCK PAWL SCREW: 303 Stainless steel, passivated.

LOCK PAWL SCREW: 303 Stainless steel, passivated.

Rods

For 2 and 3 point installation (ordered separately).

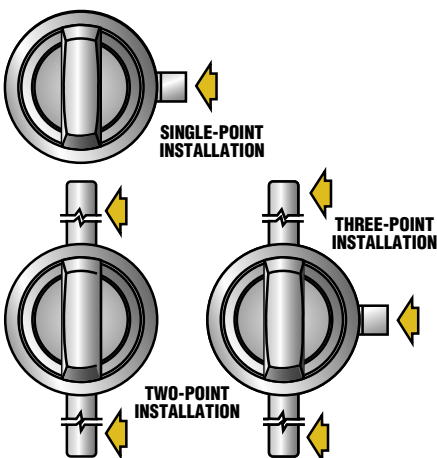


See pages 160 to 164 for more information.

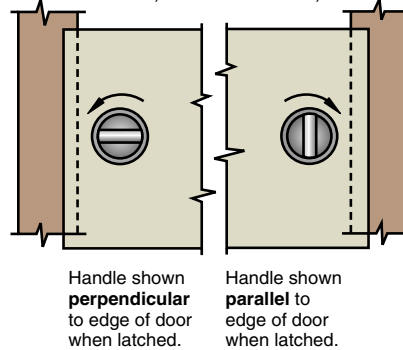
millimeter (inch)
millimeter (inch)

Dimensions without tolerances are for reference only.

- Choose single-, two-, or three-point latching.



- TYPE B** Assemblies (Turn handle counterclockwise to latch).
- TYPE A** Assemblies (Turn handle clockwise to latch).

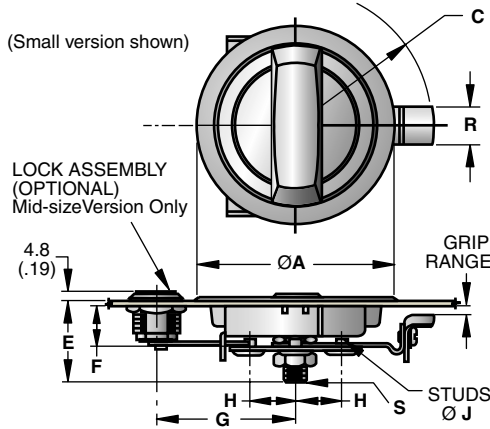


- Mounted on either TYPE A or B doors. Choose horizontal or vertical closed position of handle.

Southco® Pawl/Cam Action Latches

Flush Cup Series

Pawl/Cam Action Latches



LATCH SIZE	LATCH DIMENSIONS								
	ØA	C Radius	E	F	G	H	ØJ	R	S (UNF)
Small	49.2 (1.94)	40 (1.57)	34.1 (1.34)	—	—	12.7 (.50)	3.18 (.125)	15.9 (.63)	1/4 - 28
Mid-size Flush & Bail Handle	82.6 (3.25)	57.2 (2.25)	38.9 (1.52)	21.3 (.84)	57.2 (2.25)	19.1 (.75)	4.75 (.187)	22.1 (.87)	3/8 - 24

SIZE	GRIP RANGE	TYPE OF ASSEMBLY	Handle position when latched relative to edge of door	BRIGHT FINISH		BLACK FINISH	
				TYPE B Assemblies	TYPE A Assemblies	TYPE B Assemblies	TYPE A Assemblies
Small	0 ^{12.7} _(.50)	Single or Three - Point	parallel	01-10-401-10 •	01-10-402-10 •	01-10-401-65 •	01-10-402-65 •
			perpendicular	01-10-402-10 •	01-10-401-10 •	01-10-402-65 •	01-10-401-65 •

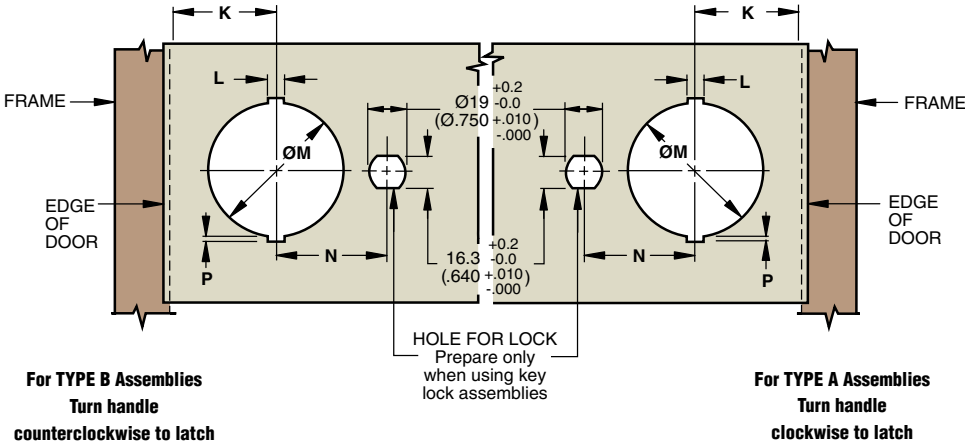
Mid-Size	0 ^{12.7} _(.50)	Single or Three - Point	parallel	01-13-11 •	01-13-21 •	01-13-15 •	01-13-25 •
			perpendicular	01-13-21 •	01-13-11 •	01-13-25 •	01-13-15 •
		Single or Three-Point with lock*	parallel	01-33-11 •	01-33-21 •	01-33-15 •	01-33-25 •
			perpendicular	01-33-21 •	01-33-11 •	01-33-25 •	01-33-15 •
	12.7 ^{28.6} _{(.50) (1.13)}	Single or Three - Point	parallel	01-13-31 •	01-13-41 •	01-13-35 •	01-13-45 •
			perpendicular	01-13-41 •	01-13-31 •	01-13-45 •	01-13-35 •
		Single or Three-Point with lock*	parallel	01-33-31 •	01-33-41 •	01-33-35 •	01-33-45 •
			perpendicular	01-33-41 •	01-33-31 •	01-33-45 •	01-33-35 •
	-----	Two - Point	parallel	01-13-51 •	01-13-61 •	01-13-55 •	01-13-65 •
			perpendicular	01-13-61 •	01-13-51 •	01-13-65 •	01-13-55 •
		Two - Point with lock	parallel	01-33-51 •	01-33-61 •	01-33-55 •	01-33-65 •
			perpendicular	01-33-61 •	01-33-51 •	01-33-65 •	01-33-55 •

Mid-Size Bail Handle	0 ^{12.7} _(.50)	Single or Three - Point	parallel	01-23-11 •	01-23-21 •	—	—
			perpendicular	01-23-21 •	01-23-11 •	—	—
		Single or Three-Point with lock*	parallel	01-43-11	01-43-21	—	—
			perpendicular	01-43-21	01-43-11	—	—
	12.7 ^{28.6} _{(.50) (1.13)}	Single or Three - Point	parallel	01-23-31 •	01-23-41 •	—	—
			perpendicular	01-23-41 •	01-23-31 •	—	—
		Single or Three-Point with lock*	parallel	01-43-31 •	01-43-41 •	—	—
			perpendicular	01-43-41 •	01-43-31 •	—	—
	-----	Two - Point	parallel	01-23-51	01-23-61	—	—
			perpendicular	01-23-61	01-23-51	—	—
		Two - Point with lock	parallel	01-43-51	01-43-61 •	—	—
			perpendicular	01-43-61 •	01-43-51	—	—

*Locks are keyed alike. Different key codes are available. Contact Southco for details.

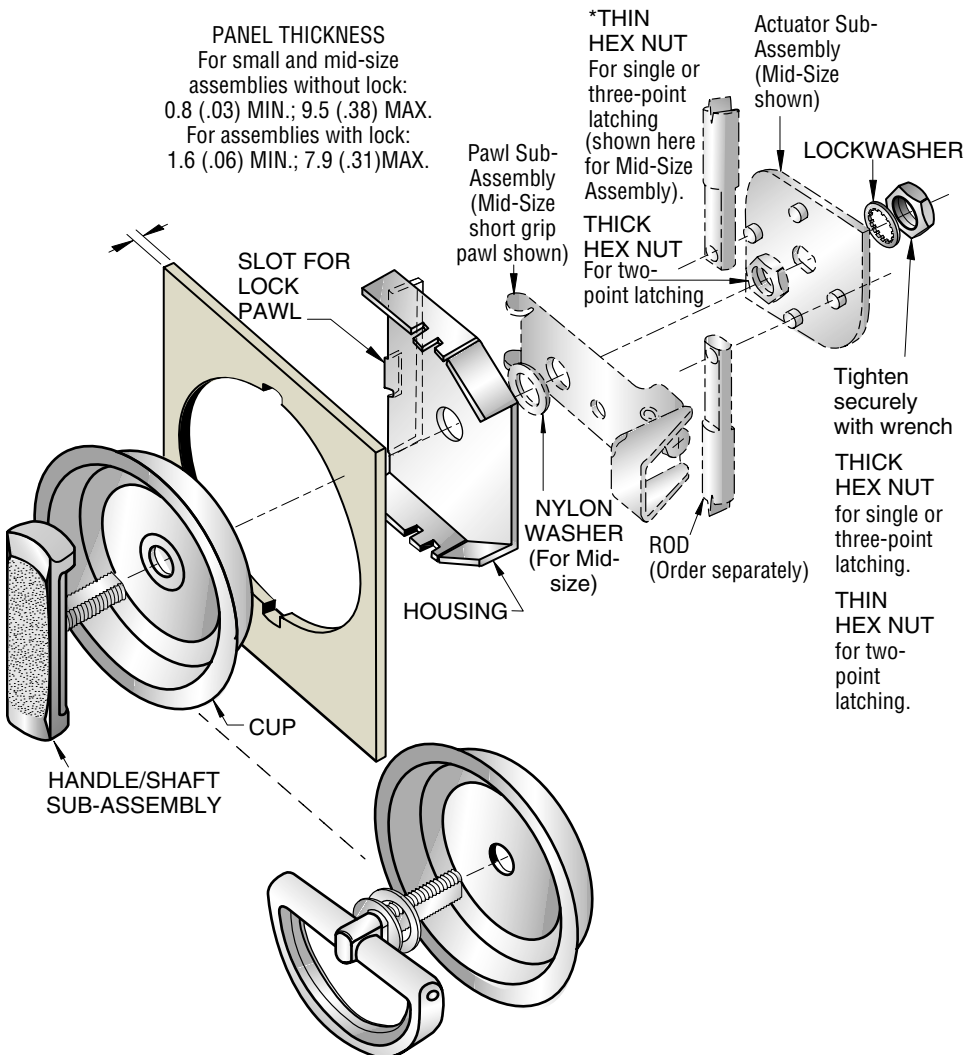
††Pawl is not included with two-point assemblies.

Panel Preparation



SIZE	K	L (TYP.)	Ø M	N	P (TYP.)
SMALL	33.3 ± 3.2 (1.31 ± .13)	4.8 (.187)	42.9 ± .40 (1.687 ± .015)	—	1.6 (.062)
MID-SIZE	50.8 ± 3.2 (2.00 ± .13)	6.4 ± 0.1 (.250 ± .005)	71.4 ± 0.4 (2.812 ± 0.15)	57.2 ± 0.4 (2.250 ± .015)	2.5 ± 0.2 (.10 ± .01)

Installation



Installation

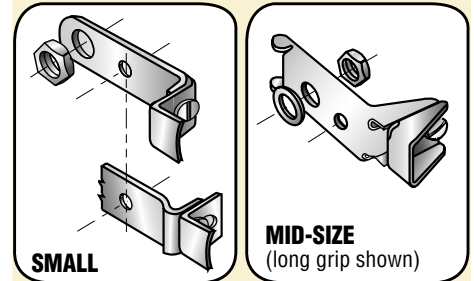
TYPE A INSTALLATION SHOWN:

For TYPE B installation:

1. Rotate housing and pawl sub-assembly 180° around axis of shaft.
2. Rotate handle, shaft sub-assembly and actuator sub-assembly 90° around axis of shaft.

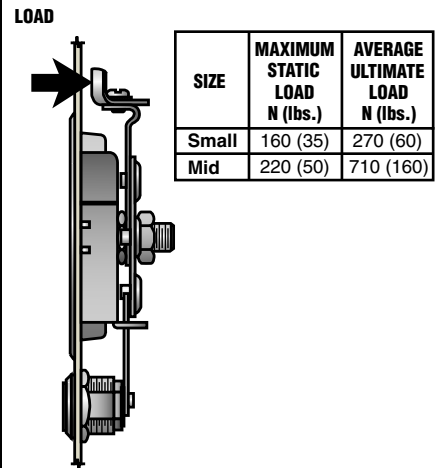
If lock assembly is used, remove hex nut from lock and angle LOCK PAWL through the hole, then drop hex nut back over lock pawl. Slide lock pawl through slot in housing (bend lock pawl if necessary) and tighten hex nut.

Pawl Assemblies



Assembly Performance Guidelines

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



Flammability Rating for Small and Mid-size Handles: UL94 - HB

Operating Temperature Range:

For Small & Mid Size Assemblies:
-20°C (0°F) to 60°C (140°F)

millimeter (inch)
millimeter
(inch)

Dimensions without tolerances are for reference only.