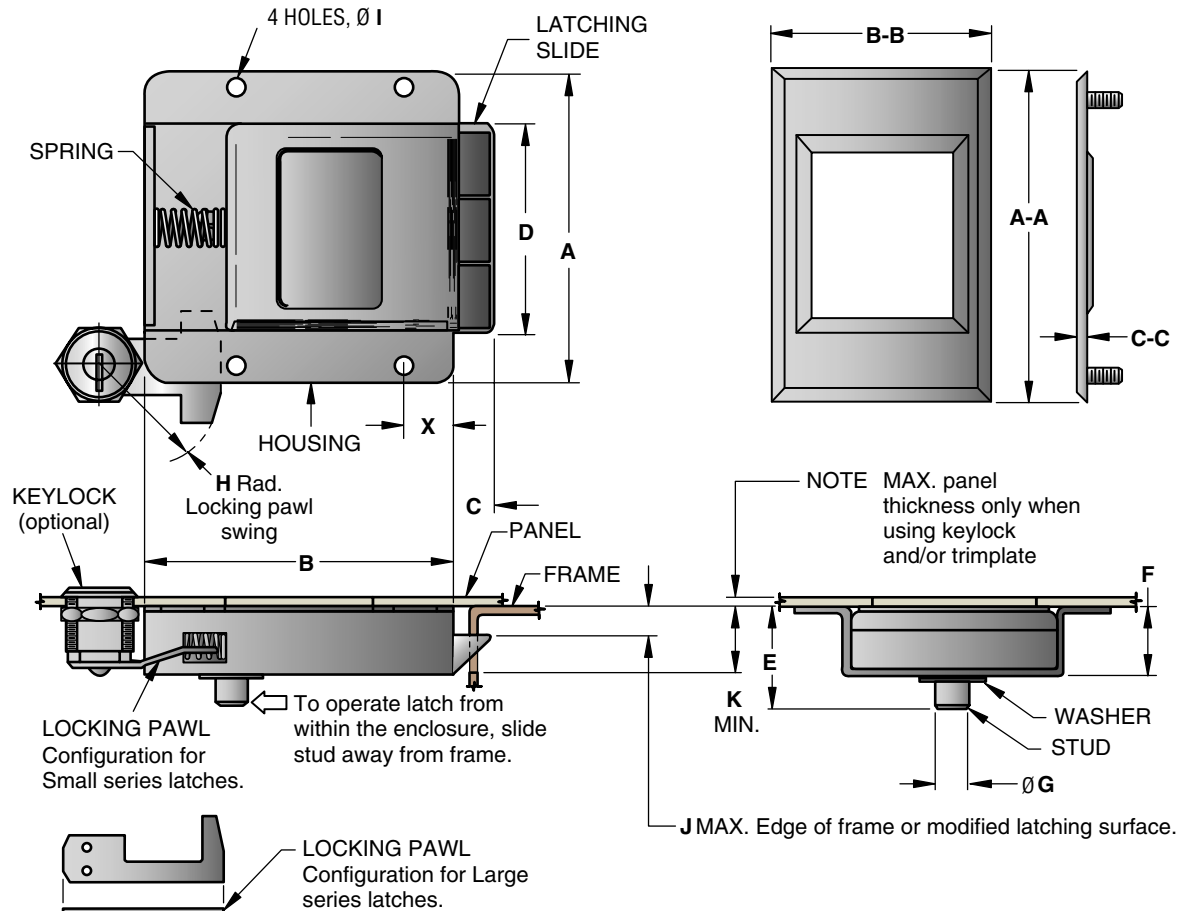


# Southco® Push to Close Latches

## Sliding Flush Style

- Slide to open
- Mounts flush to the panel
- Operates from outside or inside the enclosure
- Optional keylock available
- Optional trimplate conceals mounting hardware

Push to Close Latches  
Visible



| SIZE | DIMENSIONS |   |   |   |   |   |    |   |    | TRIMPLATE |     |     | WITH KEYLOCK         |              | WITHOUT KEYLOCK      |              |
|------|------------|---|---|---|---|---|----|---|----|-----------|-----|-----|----------------------|--------------|----------------------|--------------|
|      | A          | B | C | D | E | F | ØG | H | ØI | A-A       | B-B | C-C | MAX. Panel Thickness | Part Numbers | MAX. Panel Thickness | Part Numbers |

### With Mounting Trimplate

|       |               |               |               |              |                |             |               |                |              |               |                |              |               |                |               |                |
|-------|---------------|---------------|---------------|--------------|----------------|-------------|---------------|----------------|--------------|---------------|----------------|--------------|---------------|----------------|---------------|----------------|
| Small | 89<br>(3.50)  | 88<br>(3.47)  | 10.5<br>(.41) | 59<br>(2.31) | 29.5<br>(1.16) | 19<br>(.75) | 9.5<br>(.38)  | 36.5<br>(1.44) | 5.1<br>(.20) | 95<br>(3.73)  | 63.5<br>(2.50) | 2.5<br>(.10) | 4<br>(.156)   | B7-50-301-10 • | 4<br>(.156)   | B7-40-301-10 • |
| Large | 118<br>(4.63) | 117<br>(4.59) | 14<br>(.55)   | 79<br>(3.13) | 38.5<br>(1.51) | 25<br>(.98) | 12.7<br>(.50) | 46<br>(1.81)   | 6.4<br>(.25) | 126<br>(4.99) | 85<br>(3.37)   | 3<br>(.12)   | 4.8<br>(.188) | B7-50-501-10 • | 4.8<br>(.188) | B7-40-501-10 • |

### Without Mounting Trimplate

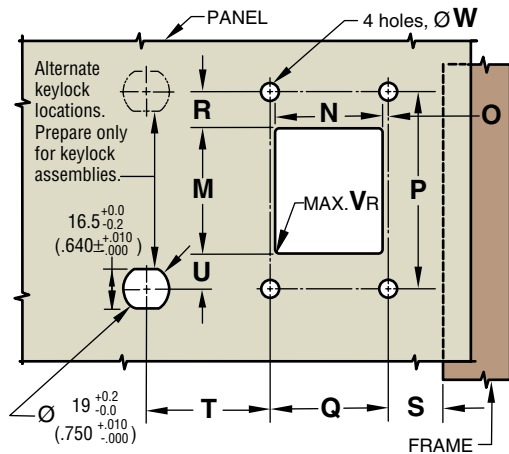
|       |               |               |               |              |                |             |               |                |              |   |   |   |               |                |   |                |
|-------|---------------|---------------|---------------|--------------|----------------|-------------|---------------|----------------|--------------|---|---|---|---------------|----------------|---|----------------|
| Small | 89<br>(3.50)  | 88<br>(3.47)  | 10.5<br>(.41) | 59<br>(2.31) | 29.5<br>(1.16) | 19<br>(.75) | 9.5<br>(.38)  | 36.5<br>(1.44) | 5.1<br>(.20) | — | — | — | 5.5<br>(.219) | B7-20-301-10 • | — | B7-10-301-10 • |
| Large | 118<br>(4.63) | 117<br>(4.59) | 14<br>(.55)   | 79<br>(3.13) | 38.5<br>(1.51) | 25<br>(.98) | 12.7<br>(.50) | 46<br>(1.81)   | 6.4<br>(.25) | — | — | — | 6.4<br>(.25)  | B7-20-501-10 • | — | B7-10-501-10 • |

| SIZE  | DIMENSIONS    |               |                 |                 |                 |                 |                 |                 |               |               |                 |                 |              |                                  |                 |              |
|-------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|-----------------|-----------------|--------------|----------------------------------|-----------------|--------------|
|       | J             | K             | M               | N               | O               | P               | Q               | R               | S             |               | T               | U               | VR           | ØW                               | X               | Y            |
|       | MAX.          | MIN.          | ±0.3<br>(±.015) | ±0.3<br>(±.015) | ±0.2<br>(±.010) | ±0.2<br>(±.010) | ±0.2<br>(±.010) | ±0.2<br>(±.010) | MIN.          | MAX.          | ±0.2<br>(±.010) | ±0.2<br>(±.010) | MAX.         | +0.1<br>-0.0<br>(+.003<br>-.000) | ±0.2<br>(±.010) | MIN.         |
| Small | 6.4<br>(.250) | 16.5<br>(.65) | 50<br>(2.00)    | 44<br>(1.72)    | 2<br>(.08)      | 79.5<br>(3.125) | 47.5<br>(1.875) | 14.3<br>(.56)   | 20.5<br>(.80) | 23.5<br>(.92) | 38<br>(1.50)    | 15<br>(.56)     | 6.5<br>(.25) | 5.5<br>(.219)                    | 15.5<br>(.61)   | 62<br>(2.44) |
| Large | 7.9<br>(.313) | 21.5<br>(.85) | 68<br>(2.69)    | 58<br>(2.28)    | 3<br>(.11)      | 105<br>(4.125)  | 63.5<br>(2.500) | 18.5<br>(.72)   | 24.5<br>(.97) | 30<br>(1.22)  | 51<br>(2.00)    | 9<br>(.34)      | 8<br>(.32)   | 7<br>(.281)                      | 20<br>(.80)     | 83<br>(3.25) |

| FOR MOUNTING ASSEMBLIES<br>WITHOUT TRIMPLATES |        |        |        |
|-----------------------------------------------|--------|--------|--------|
| English                                       |        | Metric |        |
| Screw                                         | Rivet  | Screw  | Rivet  |
| No.10                                         | Ø 3/16 | 5 mm   | Ø 5 mm |
| 1/4                                           | Ø 1/4  | 6 mm   | Ø 6 mm |

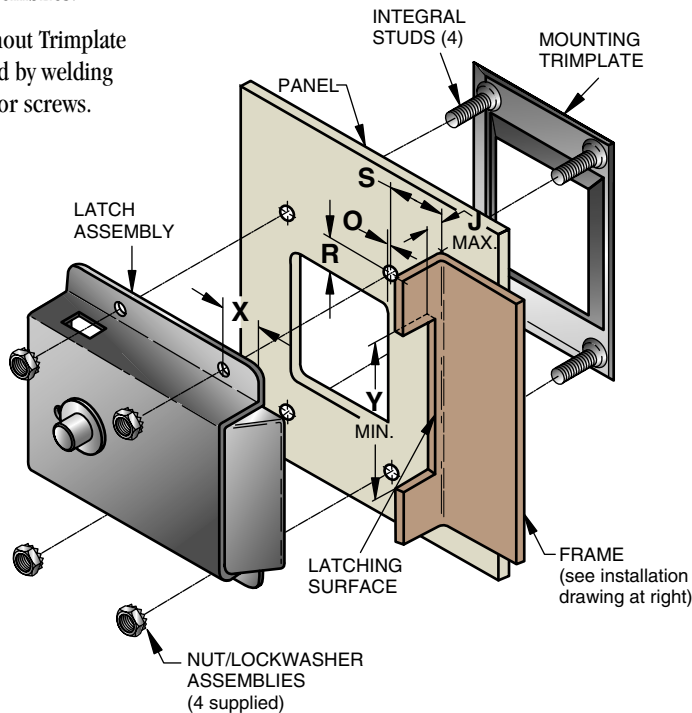
## Installation

1. Prepare door panel, and prepare frame if necessary.



2. Pass integral studs of Trimplate through holes. Place latch over studs and secure with nut/lockwasher assemblies.

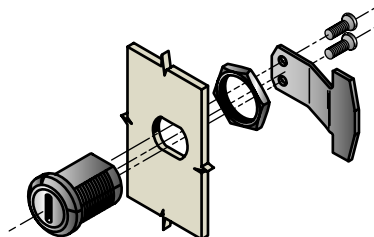
Latch used without Trimplate may be installed by welding or using rivets or screws.



### For Keylock:

Prepare hole in door.

When installed, be sure pawl cleanly enters opening in side of housing.



Push to Close Latches  
Visible

## Material and Finish

HOUSING: 1010 Steel, black powder coated.

SLIDE: Nylon, black.

WASHER: Acetal, black

STUD: Low carbon steel, zinc immersion coating.

TRIMPLATE: 1010 Steel, black powder coated.

NUT/LOCKWASHER ASSEMBLIES: Steel, zinc plated.

LOCK: Die-cast zinc, black powder coated.

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

MOUNTING SCREWS (locking pawl): Steel, zinc plated.

MOUNTING HEX NUT (for lock): Die-cast zinc, chemical protective coating.

KEY (2 Supplied): Brass, nickel plated.

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

## Product Strength Guidelines

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

### Small

Maximum static load: 360 N (80 lbs.)

Average ultimate load: 640 N (140 lbs.)

### Large

Maximum static load: 530 N (120 lbs.)

Average ultimate load: 1200 N (260 lbs.)

Flammability Rating: UL 94 - HB

Operating Temperature Range:

-18°C (0°F) to 65°C (150°F)

millimeter (inch)  
millimeter  
(inch)

Dimensions without tolerances are for reference only.