

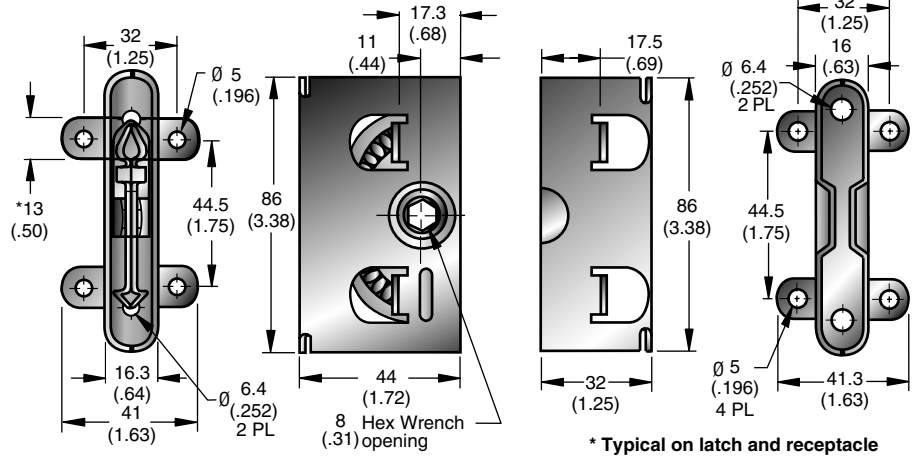
Southco® Draw Latches

Roto Lock Butt-joint Panel Fastener

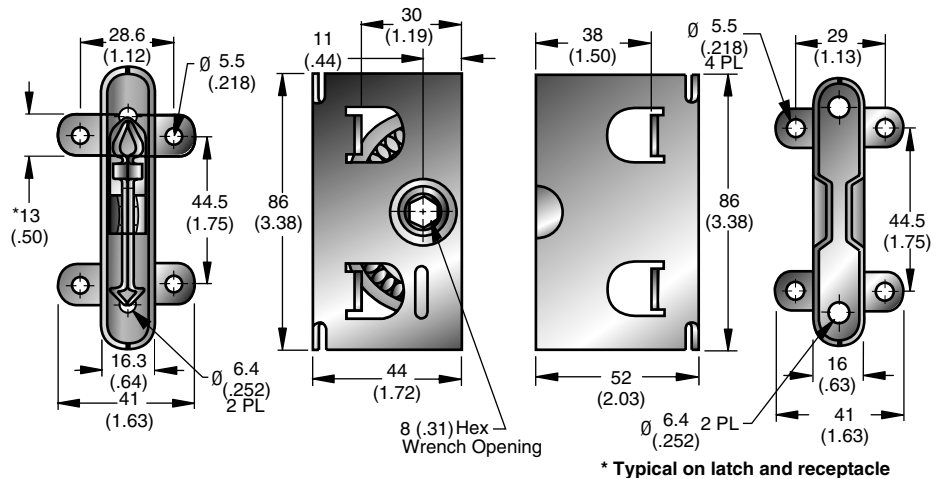
- Progressively draws two panels together
- Provides air- and water-tight seals
- Adjustable to allow for manufacturing tolerances and gasket shrinkage
- Multiple mounting options

Select any latch for use with any receptacle to create a butt joint or right angle application.

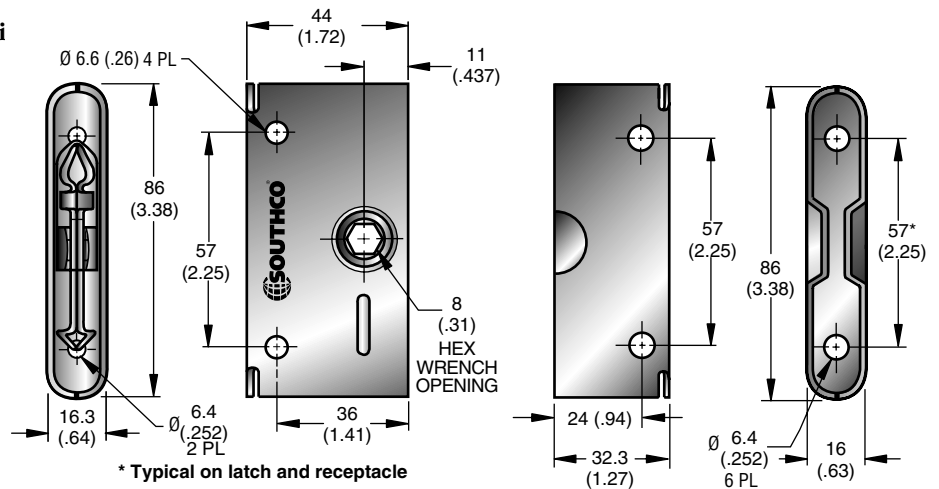
Shallow Tab - For Thinner Materials



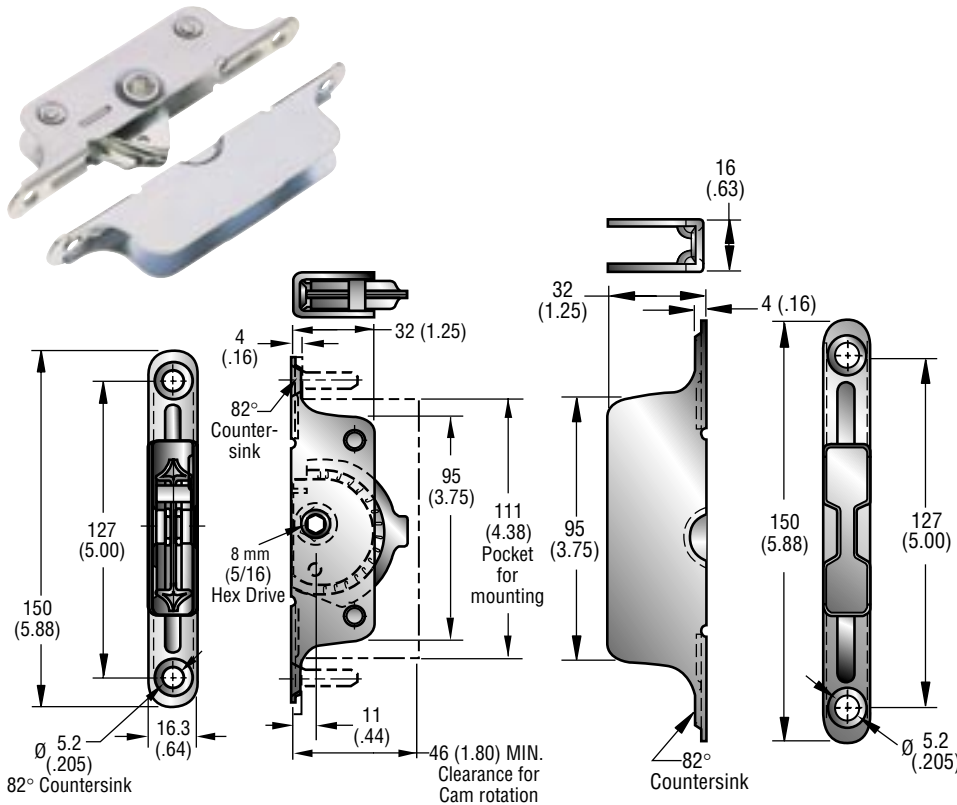
Deep Tab - For Thicker Materials



Standard - For Mortise, or Side-mount



Front Mount - Installation can be accomplished from outside panels



Standard Roto Lock Butt-Joint Fastener shown.



Draw Latches Steel/Stainless Steel

PART NUMBERS

Style	Shallow Tab	Deep Tab	Standard	Front Mount
Latch	R2-0259-02 •	R2-0169-02 •	R2-0055-02 •	R2-0267-02 •
Receptacle	R2-0257-02 •	R2-0160-02 •	R2-0002-02 •	R2-0268-02 •

Front Mount Roto-Lock Butt-Joint Panel Fastener, shown in a metal application, can also be easily mounted in wood applications.

Material and Finish

CAM, HOUSING, LATCH and RECEPTACLE: Carbon steel, zinc plated, bright chromate dip.

PLUGS: Low density polyethylene. ACTUATION TOOL: Hardened alloy steel, zinc plated, bright chromate dip.

Product Strength Guidelines

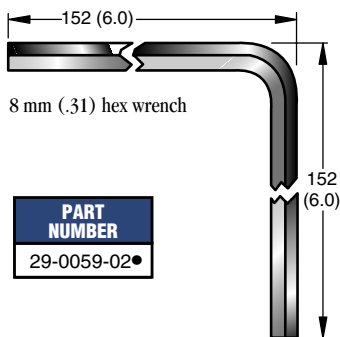
(To assist in your product selection; samples are available for your evaluation.)
 Ultimate tensile load: 6200 N (1400 lbs.)
 Ultimate shear load: 8900 N (2000 lbs.)

millimeter (inch)
 millimeter (inch)

Dimensions without tolerances are for reference only.

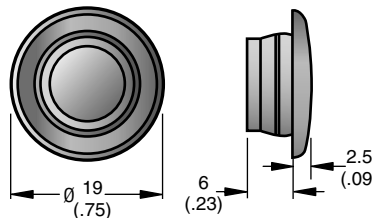
Accessories

Actuation Tool



Hole Plugs

Optional hole plugs to conceal actuator access hole are available for a 13 (.50) diameter hole.



PART NUMBERS

White	T5-7075-000 •
Black	T5-7075-028 •

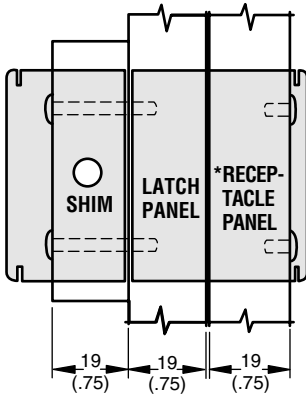
Southco® Draw Latches

Roto Lock Butt-joint Panel Fastener

Suggested Panel Preparation

Locator Mount

NOTE: This application uses: Latch part number: R2-0259-02 and Receptacle part number: R2-0160-02.

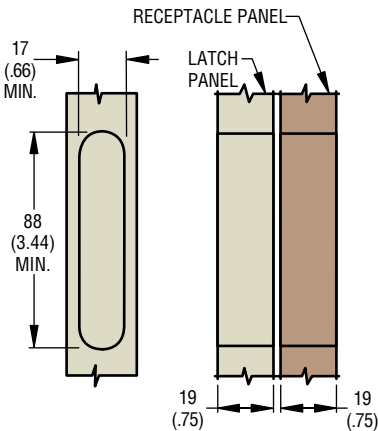


• Receptacle acts as locator.

For use with 19 (.75) MAX. panels.

Back Mount* Thin Panels

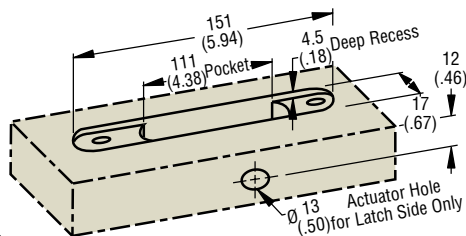
NOTE: This application uses: Latch part number: R2-0259-02 and Receptacle part number: R2-0257-02.



Front Mount

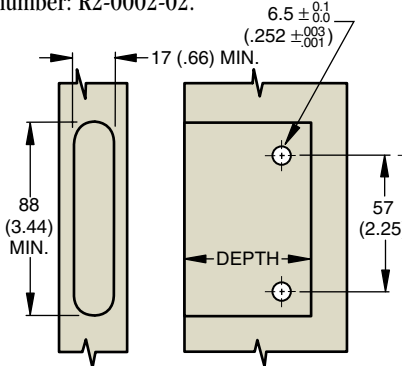
Wood Application:

Use #8 flathead screws, 5/32 flathead rivets, or No. 4 mm flathead screws or rivets. (NOTE: Latch failure in wood will result in attachment hardware failure before 2,700 N (600 lbs.)



Mortise Mount*

NOTE: This application uses: Latch part number: R2-0055-02 and Receptacle part number: R2-0002-02.



NOTE: Mounting hardware not supplied.

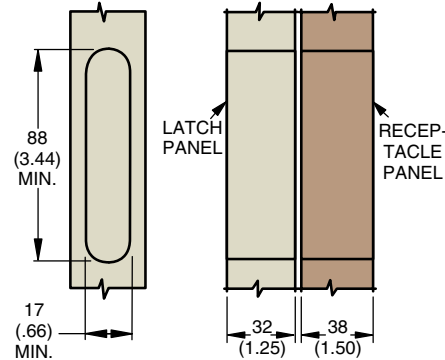
*A 1.6 (.06) gap should be maintained between latch and receptacle.

Back Mount* Thicker Panels

Thicker Panels

Net panel thickness must be 70 (2.75). When panel thicknesses are thicker, a routing or thinning operation is required to provide 70 (2.75) between mounting flanges.

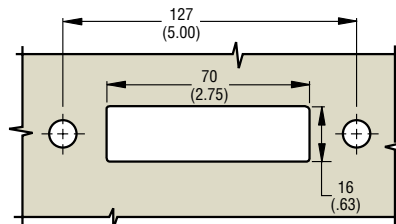
NOTE: This application uses: Latch part number: R2-0169-02 and Receptacle part number: R2-0160-02.



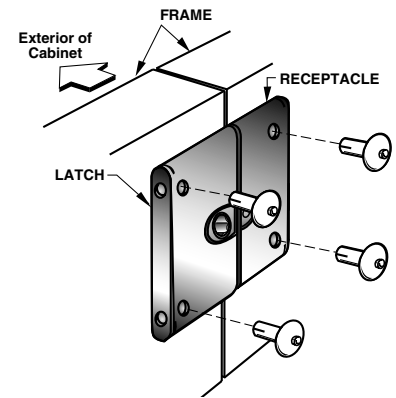
Rear Mount

Metal Application shown

Use 4 mm flathead rivets or screws, or 4 mm thread studs. (NOTE: MAX. metal panel thickness should be 2.5 mm (.10)

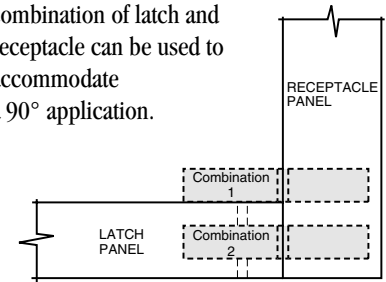


Side Mount



Right Angle

(Mortised Mount) as seen from top view. Any combination of latch and receptacle can be used to accommodate a 90° application.



millimeter (inch)
millimeter
(inch)

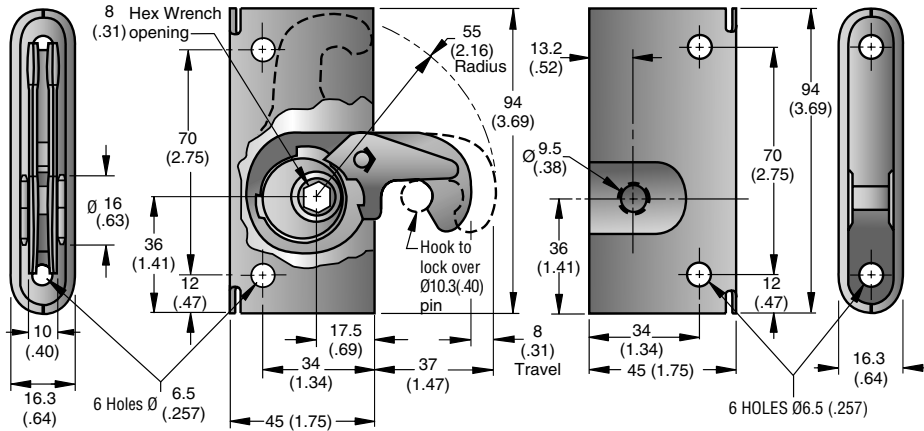
Dimensions without tolerances are for reference only.

Southco® Draw Latches

Dual Lock Butt-joint Panel Fastener

- Strong closing pressure with minimal operating force
- Provides air- and water-tight seals
- Vibration and impact resistant

Note: Fastener illustrated in locked position. Broken line shows unlocked position.



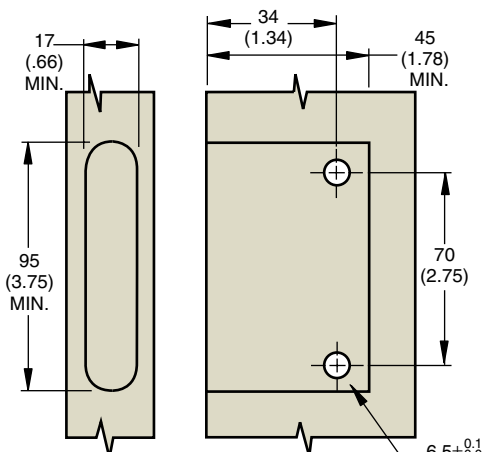
PART NUMBERS	
Latch	Receptacle
R5-0074-07 •	R5-0079-07 •

Material and Finish

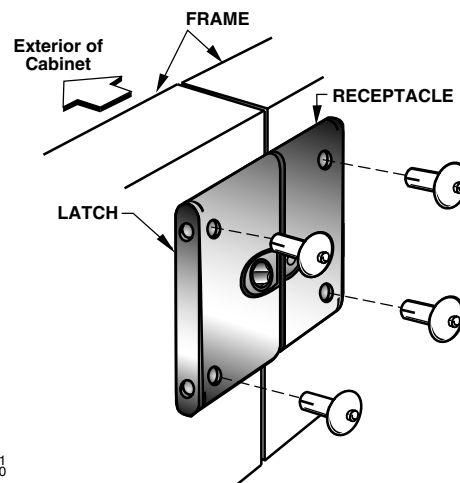
HOUSING: Carbon steel.
 CAM UNIT: HOOKS - Hardened alloy steel,
 TRIGGER - Carbon steel,
 CAM - Steel,
 All parts are zinc plated.

Installation and Suggested Panel Preparation

Recessed Pocket



Side Mount



Product Strength Guidelines

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

Ultimate tensile load: 11,110 N
 (2,500 lbs.)

Operating Force:
 to open 4 Nm (35.4 in. lbs.)
 to close 3 Nm (26.5 in. lbs.)

millimeter (inch)
 millimeter
 (inch)

Dimensions without tolerances are for reference only.