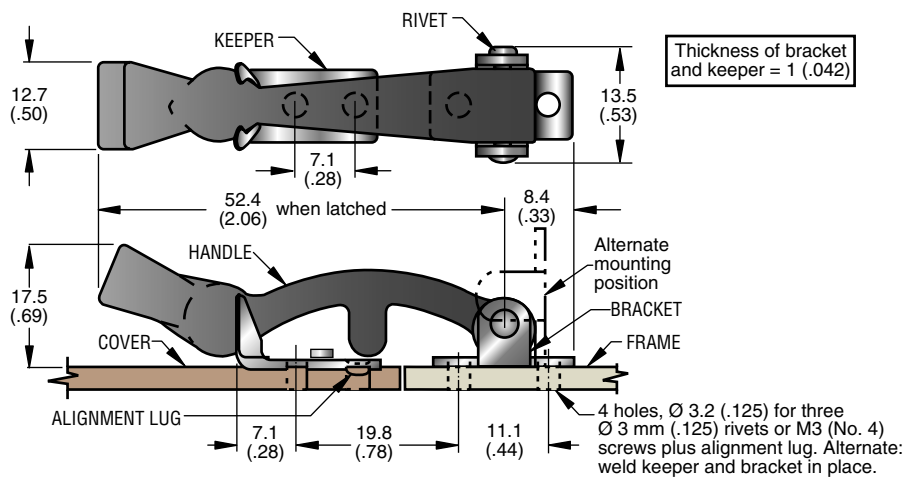


# Southco® Draw Latches

## Tab-handle Style

- Flexible latching
- Two sizes

### Small



SERIES	PART NUMBERS	
	Plated steel	Stainless steel
Small	_____	37-10-051-20 •
Medium	37-10-061-10 •	_____

### Material and Finish

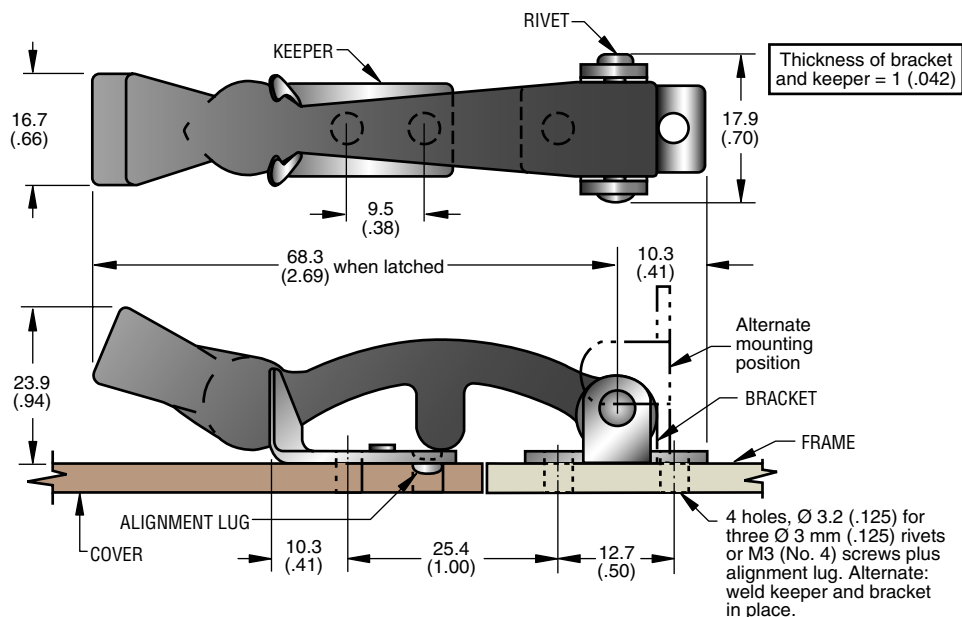
#### Small

HANDLE: EPDM Rubber, black.  
 KEEPER and BRACKET: 302 stainless steel, passivated.  
 RIVET: 5056 Aluminum, natural.

#### Medium

HANDLE: EPDM Rubber, black.  
 KEEPER and BRACKET: 1010 Steel, zinc plate, chromate plus sealer.  
 RIVET: 5056 Aluminum, natural.

### Medium



### Product Strength Guidelines

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

#### Small

Average clamping force: 20.9 N (4.7 lbs.)  
 Average ultimate load: 58 N (13 lbs.)

#### Medium

Average clamping force: 26.2 N (5.9 lbs.)  
 Average ultimate load: 98 N (22 lbs.)

millimeter (inch)  
 millimeter (inch)

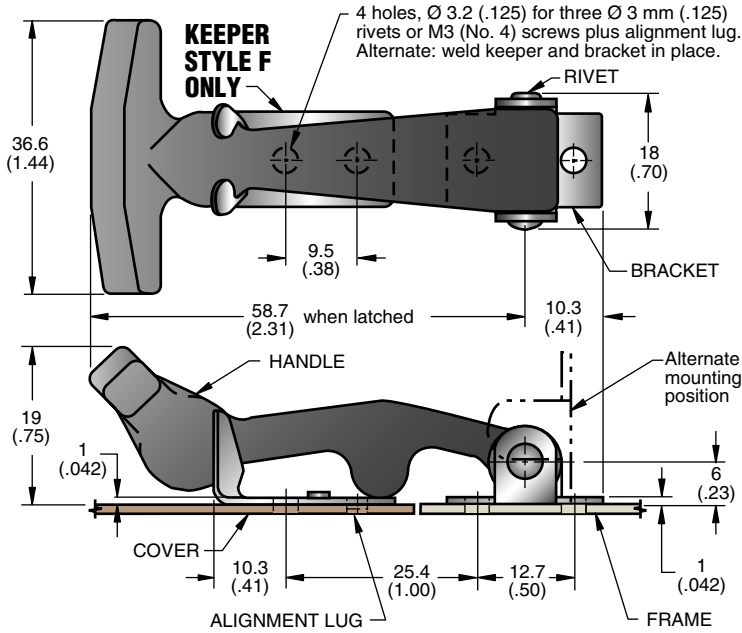
Dimensions without tolerances are for reference only.

# Southco® Draw Latches

## T-handle Series, Small and Medium Sizes

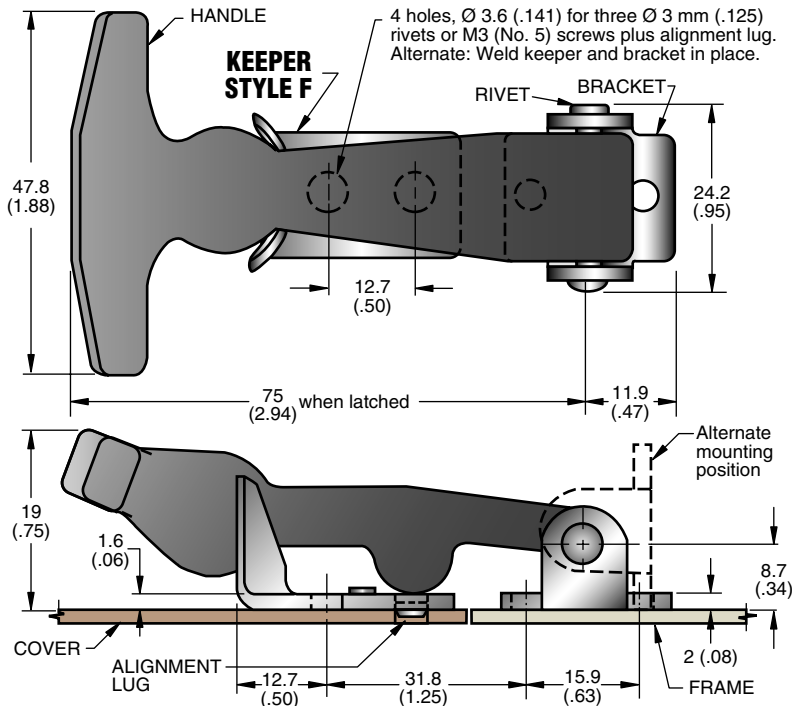
- Flexible latching
- Two keeper styles

### Small



SMALL SIZE PART NUMBERS	
Plated steel, black rubber	Stainless steel metal parts, black rubber
37-10-065-10 •	37-10-065-20 •

### Medium



KEEPER STYLE	MEDIUM SIZE PART NUMBERS		
	Latched shipped assembled		Latched shipped unassembled
	Plated steel, black rubber	Stainless steel, black rubber	Plated steel, black rubber
F	37-10-071-10 •	37-10-071-20 •	37-10-072-10 •
R	37-20-071-10 •	37-20-071-20 •	37-20-072-10 •



### Material and Finish

#### Small Size:

HANDLE: EPDM Rubber, black. KEEPER and BRACKET: 1010 Steel, zinc plate, chromate plus sealer or 302 stainless steel, passivated. RIVET: 5056 Aluminum, natural.

#### Medium Size:

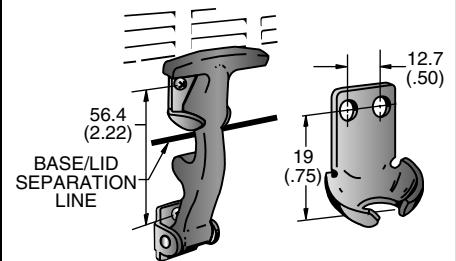
HANDLE: EPDM Rubber, black. BRACKET: 1010 Steel, zinc plate, chromate plus sealer or 302 stainless steel, passivated. RIVET (pre-assembled latches only): 5056 Aluminum, natural or 302 stainless steel, passivated. KEEPERS: F-style, 1010 steel, zinc plate, chromate plus sealer or 304 stainless steel, passivated. R-style, 1010 steel, zinc plate, chromate plus sealer or 302 stainless steel, passivated.

The following components are for unassembled latches only:

STUD: 1008 Steel, zinc plate, chromate plus sealer. WASHER: Low carbon steel, zinc plated plus chromate dip.

RETAINING RING: Spring steel, zinc plated plus chromate dip.

### Keeper Style R



### Product Strength Guidelines

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

#### Small Size

Average clamping force: 26 N (5.9 lbs.)  
Average ultimate load: 98 N (22 lbs.)

#### Medium Size

Average clamping force: 38.7 N (8.7 lbs.)  
Average ultimate load: 142 N (32 lbs.)

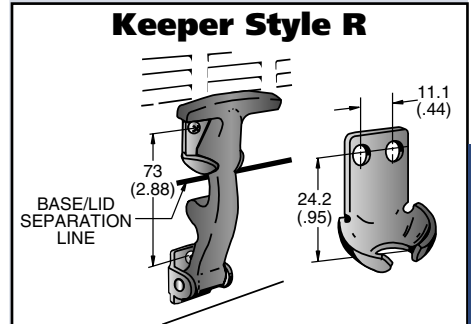
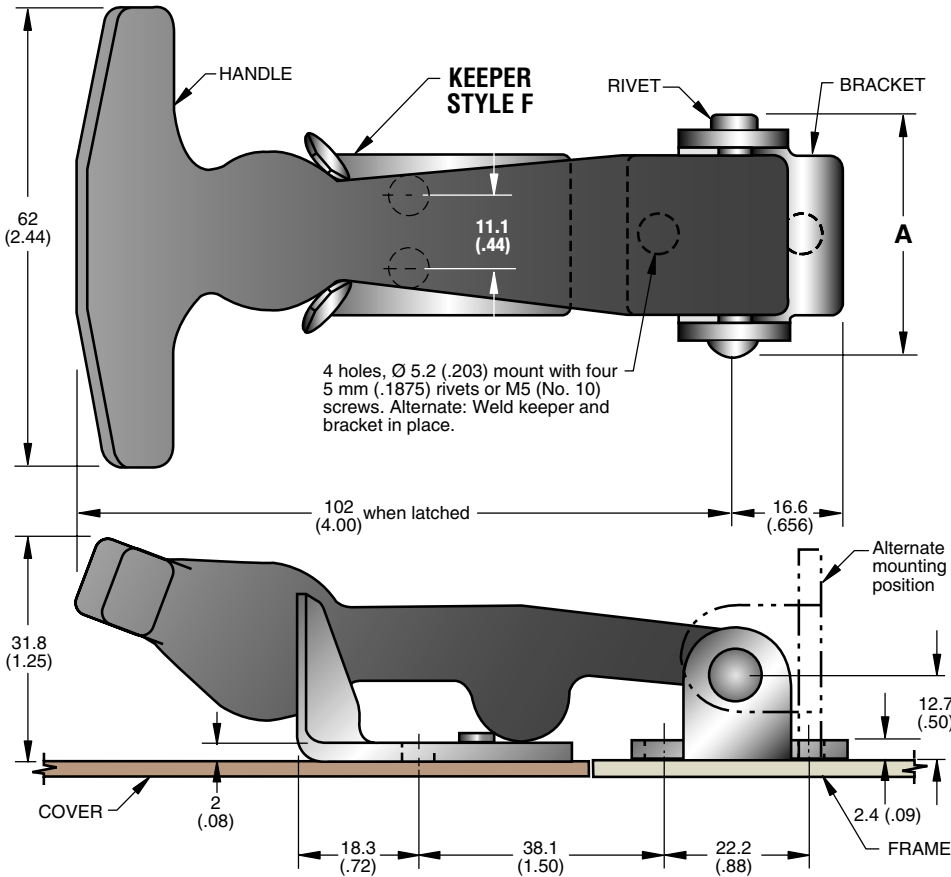
millimeter (inch)  
millimeter (inch)

Dimensions without tolerances are for reference only.

# Southco® Draw Latches

## T-handle Series, Large Size

- Flexible latching
- Two keeper styles



### Material and Finish

**HANDLE:** EPDM Rubber, black.  
**KEEPER and BRACKET:** 1010 Steel, zinc plate, chromate plus sealer or 302 stainless steel, passivated.  
**RIVET (pre-assembled latches only):** 5056 Aluminum, natural or 302 stainless steel, passivated.

The following components are for unassembled latches only:  
**STUD:** 1008 Steel, zinc plate, chromate plus sealer.  
**WASHER:** Low carbon steel, zinc plate, chromate plus sealer.  
**RETAINING RING:** Spring steel, zinc plated plus chromate dip.

### Product Strength Guidelines

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

Average clamping force: 49 N (11 lbs.)  
 Average ultimate load: 285 N (64 lbs.)

KEEPER STYLE	PART NUMBERS				
	Latched shipped assembled			Latched shipped unassembled	
	A	Steel	Stainless Steel	A	Steel
F	31.8 (1.25)	37-10-086-10 •	37-10-086-20 •	34 (1.34)	37-10-087-10 •
R		37-20-086-10 •	37-20-086-20 •		37-20-087-10 •

millimeter (inch)  
 millimeter (inch)

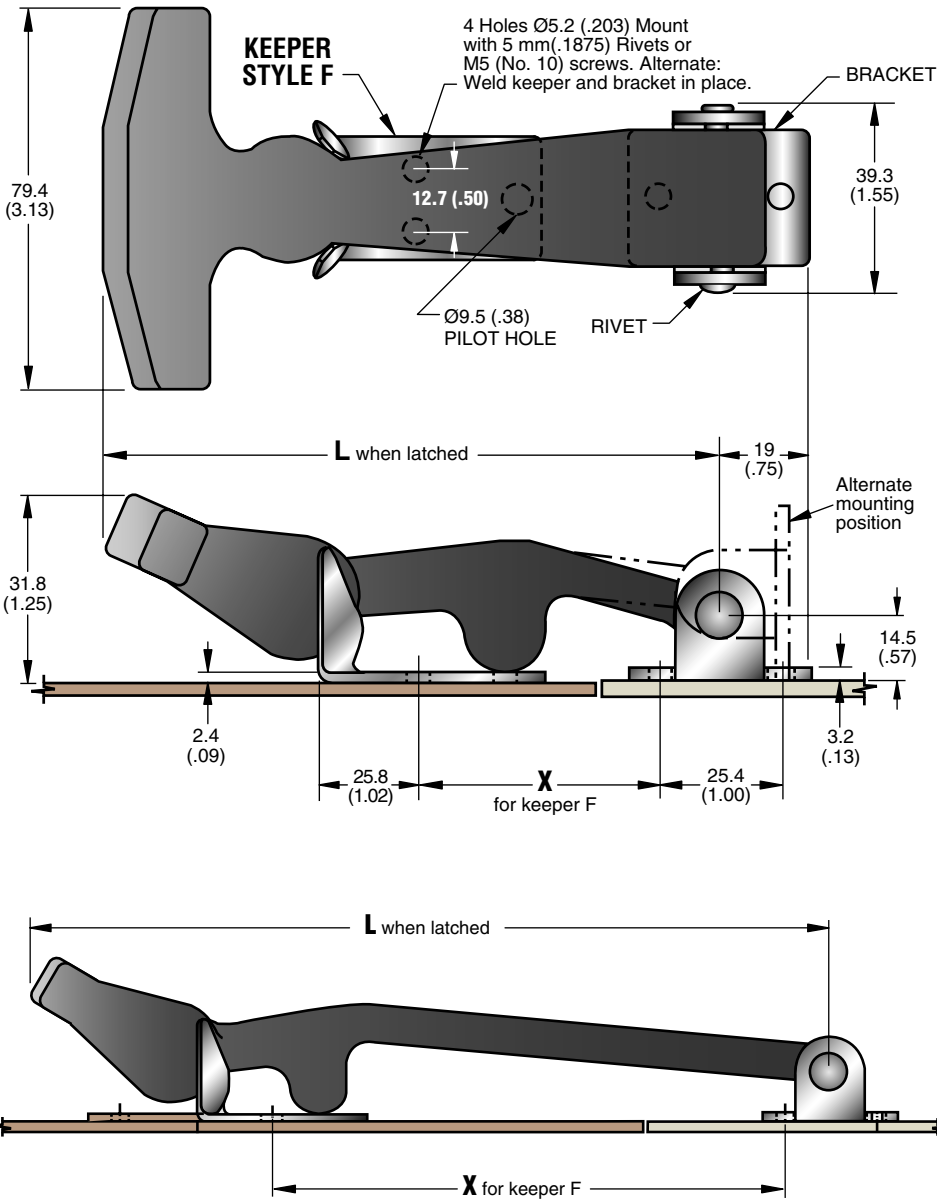
Dimensions without tolerances are for reference only.

# Southco® Draw Latches

## T-handle Series, Extra-large Size

- Flexible latching
- Two latch-body lengths
- Two keeper styles

### 100 and 130 Series



### Material and Finish

**HANDLE:** EPDM Rubber, black.  
**KEEPER and BRACKET:** 1010 Steel, zinc plate, chromate plus sealer or 302 stainless steel, passivated.  
**RIVET (pre-assembled latches only):** 5056 Aluminum, natural or 302 stainless steel, passivated.

The following components are for unassembled latches only:  
**STUD:** 1008 Steel, zinc plate, chromate plus sealer.  
**WASHER:** Low carbon steel, zinc plated plus chromate dip.  
**RETAINING RING:** Spring steel, zinc plated plus chromate dip.

### Product Strength Guidelines

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

Average clamping force: 84 N (19 lbs.)  
 Average ultimate force: 365 N (82 lbs.)

millimeter (inch)  
 millimeter  
 (inch)

Dimensions without tolerances are for reference only.

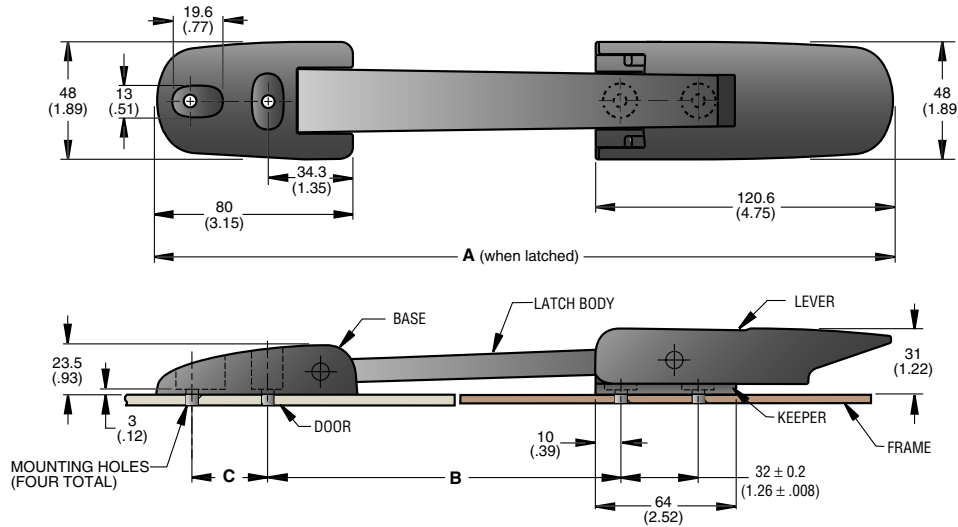
SERIES	L	X	Y	KEEPER STYLE	PART NUMBERS		
					Latch shipped assembled		Latch shipped unassembled
					Plated steel, black rubber	Stainless steel metal parts, black rubber	Plated steel, black rubber
100	130.2 (5.13)	50.8 (2.00)	—	F	37-10-101-10 •	37-10-101-20 •	37-10-102-10 •
		—	90.5 (3.56)	R	37-20-101-10 •	37-20-101-20 •	37-20-102-10 •
130	247.7 (9.75)	165.1 (6.50)	—	F	37-10-131-10 •	37-10-131-20 •	—
		—	204.8 (8.06)	R	37-20-131-10 •	37-20-131-20 •	—

Draw Latches  
Rubber/Elastomer

# Southco® Draw Latches

## Aerolatch Lever-assisted Style

- For heavy-duty applications
- Flexible, over-center latching
- Detent helps keep latch closed
- Non-corrosive, UV-stable materials
- Absorbs and reduces vibration
- Three sizes

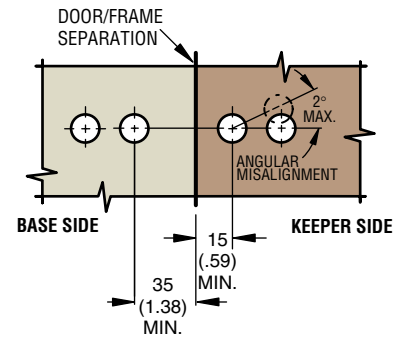


DIMENSIONS			PART NUMBERS	MOUNTING HOLE SIZE	PAN or ROUND HEAD SCREW SIZE
A	B	C ± 0.2 (.008)			
254 (10)	97 ± 3 (3.82 ± .12)	25.4 (1.00)	37-30-294-60 •	∅ 5.5 ± 0.1 (.217 ± .004)	M5 (No. 10)
379 (15)	222 ± 6 (8.74 ± .24)		37-30-297-60 •		
<b>HEAVY DUTY</b>					
300 (12)	144 ± 4 (5.67 ± .16)	32 (1.25)	37-40-295-60 •	∅ 6.6 ± 0.1 (.260 ± .004)	M6 (1/4-20)

### Material and Finish

LATCH BODY: EPDM Rubber, black.  
LEVER, KEEPER and BASE: Glass filled nylon, black.

PINS: 304 stainless steel, passivated with black organic coating.



5 (.20) Max. non co-planar offset between the latch-side surface of the door and frame.

### Product Strength Guidelines

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

PART NUMBERS	AVERAGE STEADY STATE CLAMP FORCE (AT NOMINAL MOUNTING DIMENSIONS AND ROOM TEMPERATURE)
37-30-294-60 •	110 N (25 lbs.)
37-30-297-60 •	190 N (43 lbs.)
37-40-295-60 •	350 N (79 lbs.)

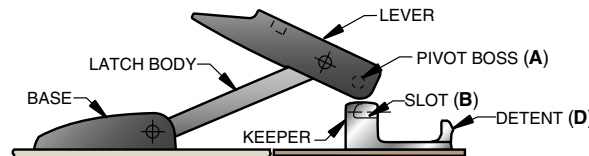
**Flammability Rating:** (LEVER, BASE, and KEEPER) UL94-HB  
**Operating Temperature Range:** -40°C (-40°F) to 80°C (175°F)

millimeter (inch)  
millimeter (inch)

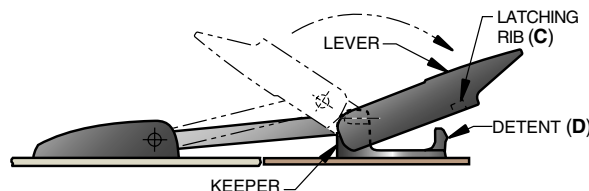
Dimensions without tolerances are for reference only.

### To operate latch

1. Align lever over keeper positioning pivot bosses (A) in slots (B) of keeper.



2. Rotate lever until latching rib (C) locks on detent (D).

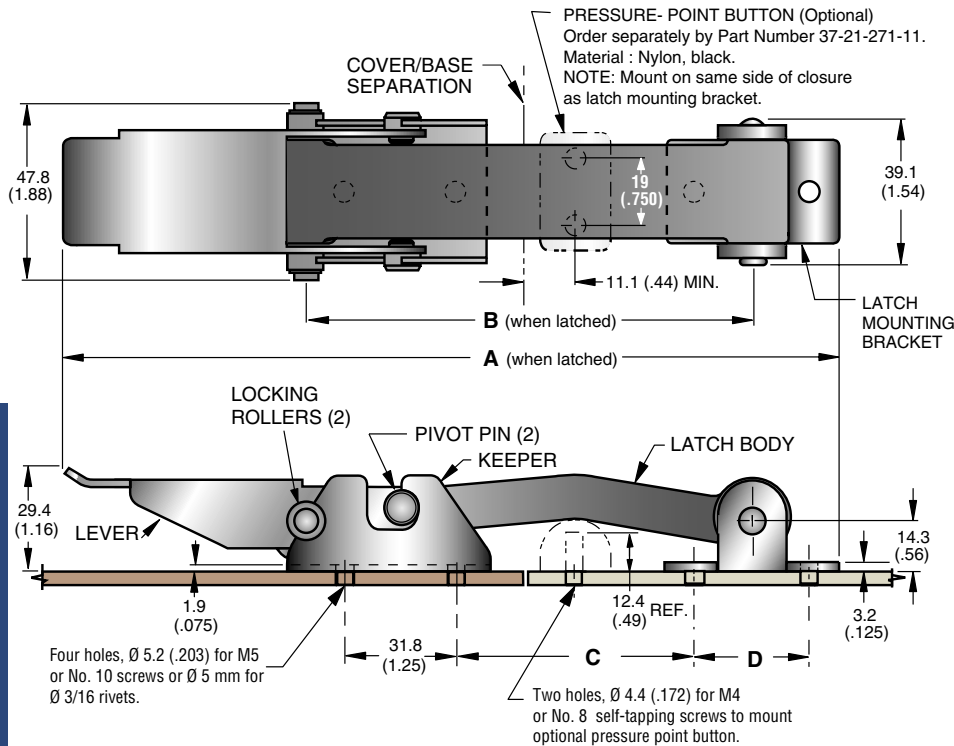


3. To unlatch, lift lever firmly to overcome detent then rotate to disengage keeper.

# Southco® Draw Latches

## Lever-assisted Style

- Flexible, over-center latching
- Non-corrosive assemblies available



### Material and Finish

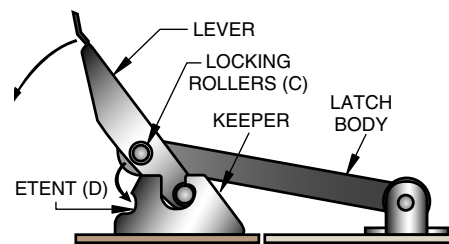
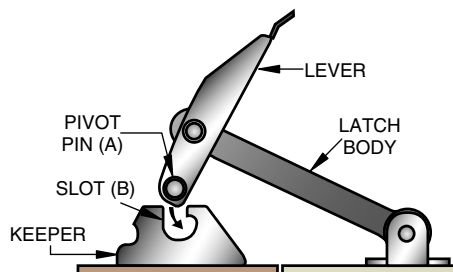
RIVET: 5056 Aluminum, natural or 302 stainless steel, passivated.  
PIVOT PINS: 303 Stainless steel, passivated. ROLLER PIN: 302 Stainless steel, passivated.  
LATCH BODY: EPDM Rubber, black.  
LEVER, KEEPER and BRACKET: 1010 Steel, zinc plated plus bright chromate dip or 302 stainless steel, passivated.  
LOCKING ROLLERS: 303 Stainless steel, passivated.

Draw Latches  
Rubber/Elastomer

DIMENSIONS				PART NUMBERS		SERIES
A	B	C	D	Steel	Stainless steel	
241.3 (9.50)	152.4 (6.00)	96.8 (3.81)	25.4 (1.00)	37-10-274-10 ●	37-10-274-20 ●	274
366.7 (14.44)	277.8 (10.94)	222.3 (8.75)		37-10-277-10 ●	37-10-277-20 ●	277

### To operate latch

1. Swing lever over keeper to position pivot pins (A) in slots (B) of keeper.
2. Press lever down until locking rollers (C) engage detent (D).



3. To unlatch, raise lever.

### Product Strength Guidelines

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

#### 274 SERIES

Average clamping force: 120 N (27 lbs.)

Average ultimate load: 1780 N (400 lbs.)

#### 277 SERIES

Average clamping force: 214 N (48 lbs.)

Average ultimate load: 1780 N (400 lbs.)

millimeter (inch)  
millimeter (inch)

Dimensions without tolerances are for reference only.