



# V7 Draw Latch

Over-center · Zinc alloy

- Sleek, smooth low profile design
- Locking and non-locking
- Robust, riveted, tamper-resistant construction

## Material and Finish

Zinc alloy, chrome plated or powder coated and stainless steel

## Performance Details

Maximum working load:  
1200 N (270 lbf)

## Installation Notes

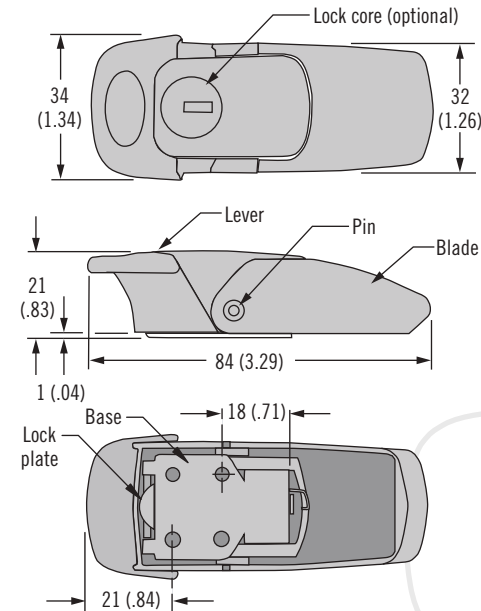
Install latch with four M3 (No.4) flat head screws and keeper with two M3 (No.4) round head screws (not supplied)

## Keys

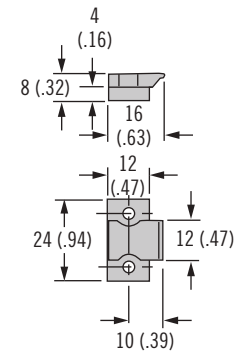
Key code S010 (pair)  
Part number: V7-KEYS

## Latch

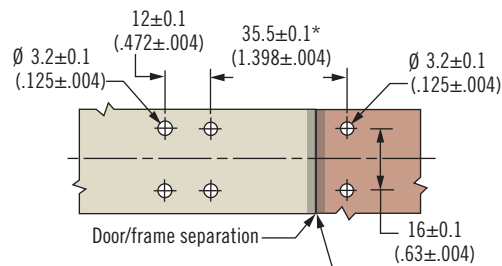
### Large



## Keeper



ACTUAL SIZE



\*Gasket recommended to accommodate panel variations

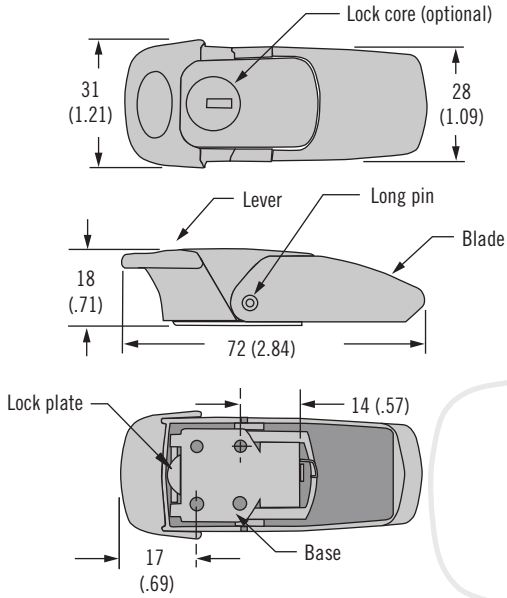
## Part Number

See table

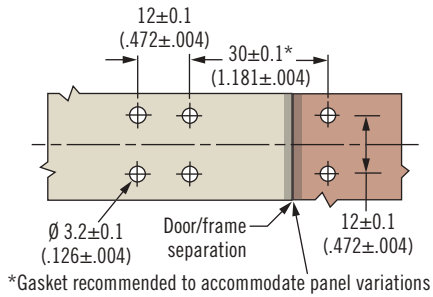
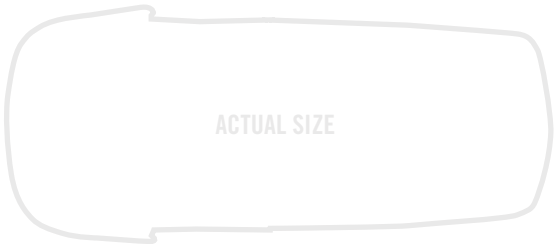
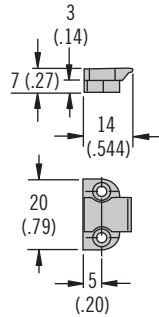
Assembly complete with keeper

Description	Part Number		
	Bright Chrome	Satin Chrome	Black Powder Coated
Large, non-locking	V7-20-101-10	V7-20-101-20	V7-20-101-50
Large, locking (2 keys supplied)	V7-20-111-10	V7-20-111-20	V7-20-111-50

**Latch**  
Small



**Keeper**



Description	Part Number		
	Bright Chrome	Satin Chrome	Black Powder Coated
Small, non-locking	V7-10-105-10	V7-10-105-20	V7-10-105-50
Small, locking (2 keys supplied)	V7-10-115-10	V7-10-115-20	V7-10-115-50

**Part Number**

See table

Assembly complete with keeper



# 97 Draw Latch

## Over-center

- Compact latch
- Multiple keeper options for application variances

### Material and Finish

Stainless steel or steel, zinc plated

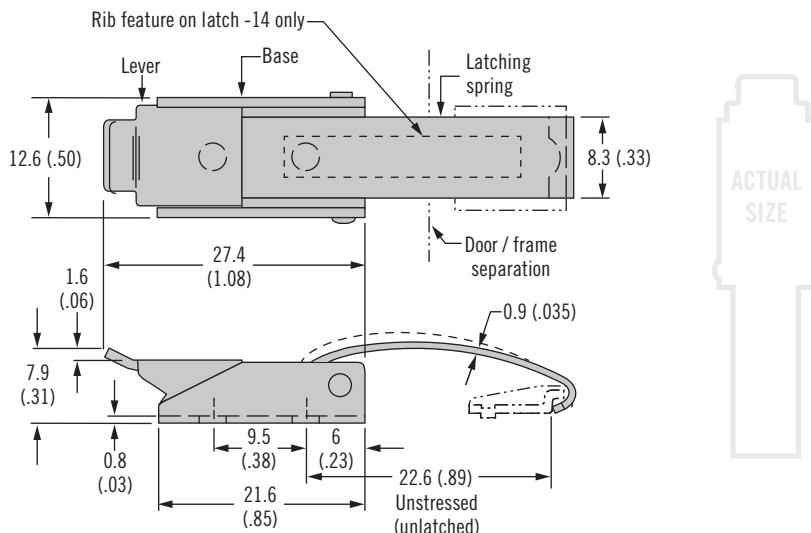
### Performance Details

Clamping force: 135 N (30 lbf)

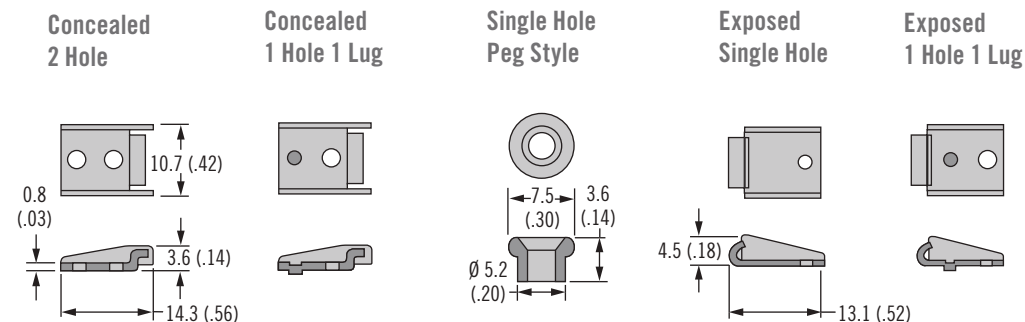
### Installation Notes

Install assembly with M3 (No. 4) round head screws or 3 (.118) rivets (not supplied)

For peg style keeper use M3 (No. 4) flat head screws or rivets



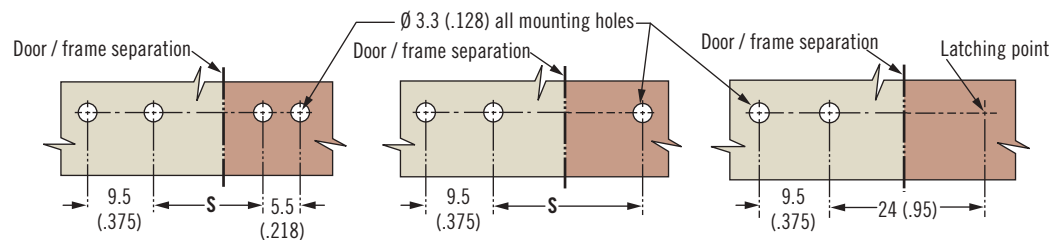
### Keepers



### Two Hole Keepers

### Single Hole Keepers

### Latch Only



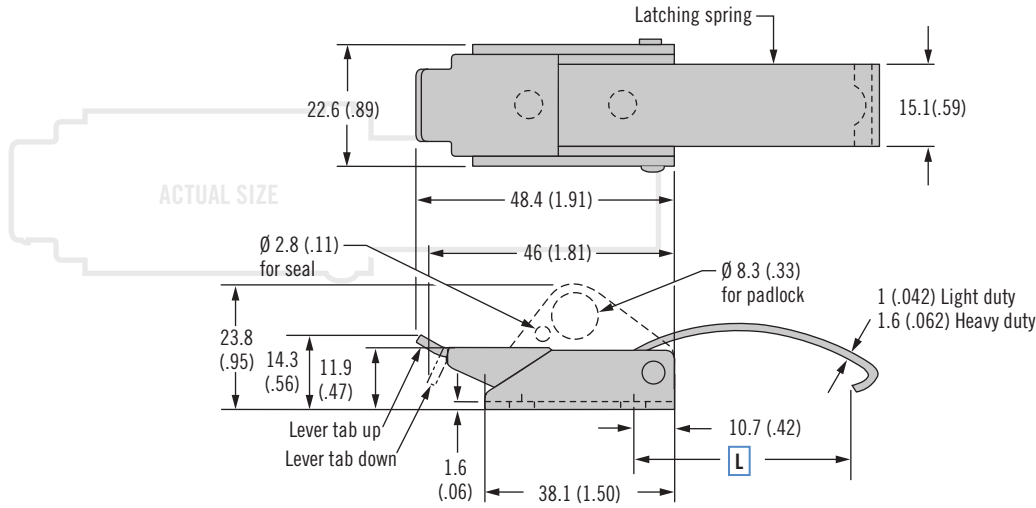
### Part Number

See table

Order latch and keeper separately

Material	Part Number					
	Latch Only	Keepers				
		Concealed 2 Hole	Concealed 1 Hole 1 Lug	Single Hole Peg Style	Exposed Single Hole	Exposed 1 Hole 1 Lug
Steel	97-30-160-11	97-37-103-11	97-37-101-11	97-37-105-11	97-37-104-11	97-37-102-11
Stainless Steel	97-30-160-12	97-37-103-24	97-37-101-24	97-37-105-24	97-37-104-24	97-37-102-24
	97-30-160-14*					
S Dimension		14.7 (.58)	14.7 (.58)	21.8 (.86)	33 (1.30)	27.4 (1.08)

# 97 Draw Latch Over-center



- Multiple link and keeper options for application variances
- Secondary locking style available

### Material and Finish

Stainless steel, steel, zinc plated or steel, black powder coated

### Performance Details

Heavy-duty:  
Clamping force: 670 N (150 lbf)

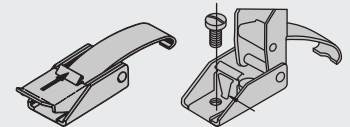
Light-duty:  
Clamping force: 310 N (70 lbf)

### Installation Notes

Install assembly with M4 (No. 8) round head screws or 4 (.156) rivets (not supplied). Peg needs flat head.

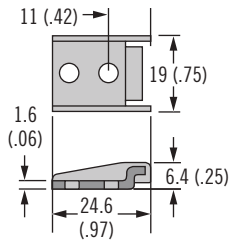
### Accessories

Spring loaded secondary catch provides resistance against severe vibration and accidental opening.  
Part number steel: 97-58-101-11  
Part number stainless steel: 97-58-101-25

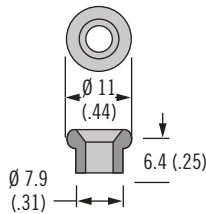


### Keepers

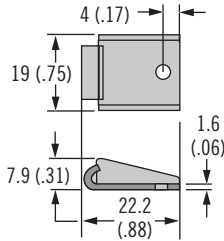
#### Concealed 2 Hole



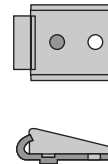
#### Single Hole Peg Style



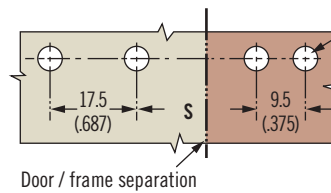
#### Exposed Single Hole



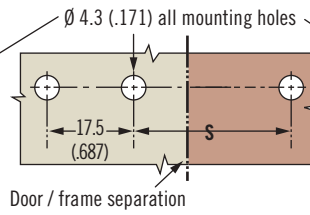
#### Exposed 1 Hole 1 Lug



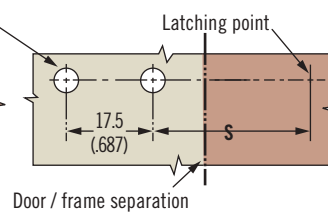
### Two Hole Keepers



### Single Hole Keepers



### Latch Only



### S Style

- 1 Lever tab up
- 2 Lever tab down
- 3 Padlockable (tab up)

### L Latching spring length/thickness

- |                       |                       |
|-----------------------|-----------------------|
| 1 Short (light-duty)  | 5 Short (heavy-duty)  |
| 2 Medium (light-duty) | 6 Medium (heavy-duty) |
| 3 Long (light-duty)   | 7 Long (heavy-duty)   |

**97 - 50 - S L 0 - 1 M**  
Part Number for Latch Only  
(No Keeper)

### M Material

- 1 Steel, zinc plated
- 2 Stainless steel (light-duty only)
- 3 Steel, black powder coated

### Part Number Selection

Order latch and keeper separately  
For latch part number see builder  
For keeper part number see table

Keeper Style	Keeper Part Number		S Dimension		
	Steel	Stainless Steel	Short Link L = 29.4 (1.16)	Medium Link L = 42.1 (1.66)	Long Link L = 54.8 (2.16)
Concealed 2 hole	97-57-103-11	97-57-103-24	15.9 (.63)	28.6 (1.13)	41.3 (1.63)
Single hole peg style	97-57-105-11	97-57-105-24	29.4 (1.16)	42.1 (1.66)	54.8 (2.16)
Exposed single hole	97-57-104-11	97-57-104-24	47.6 (1.88)	60.3 (2.38)	73.0 (2.88)
Exposed 1 hole 1 lug	97-57-102-11	97-57-102-24	38.1 (1.50)	50.8 (2.00)	63.5 (2.50)
Latch only			31.8 (1.25)	44.5 (1.75)	57.1 (2.25)



# 97 Draw Latch

## Over-center

- Multiple keeper options for application variances

### Material and Finish

Steel, zinc plated or steel powder coated black

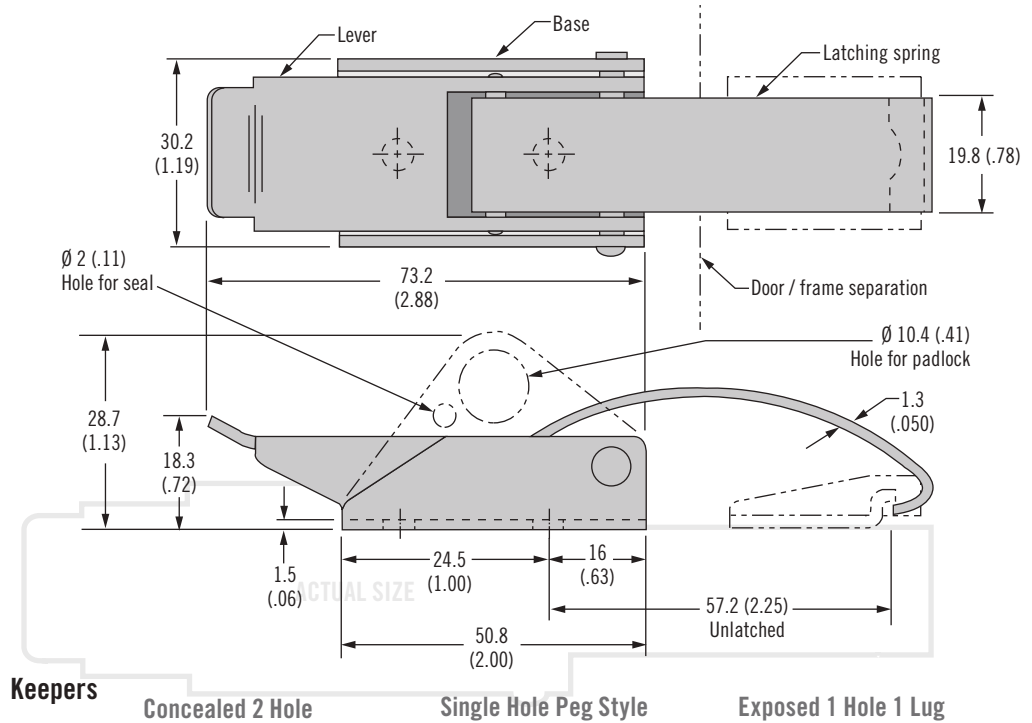
### Performance Details

Clamping force: 290 N (65 lbf)

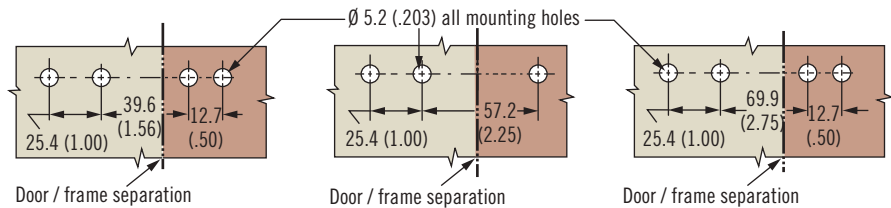
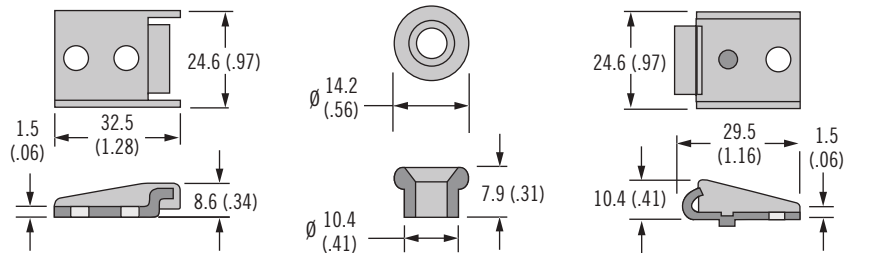
### Installation Notes

Install assembly with M5 (No. 10) round head screws (not supplied) or 5 (3/16) rivets

For peg style keeper use M5 (No. 10) flat head screws or rivets



**Keepers** Concealed 2 Hole Single Hole Peg Style Exposed 1 Hole 1 Lug



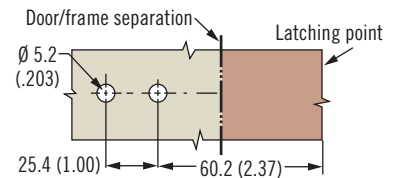
### Part Number

See table

Order latch and keeper separately

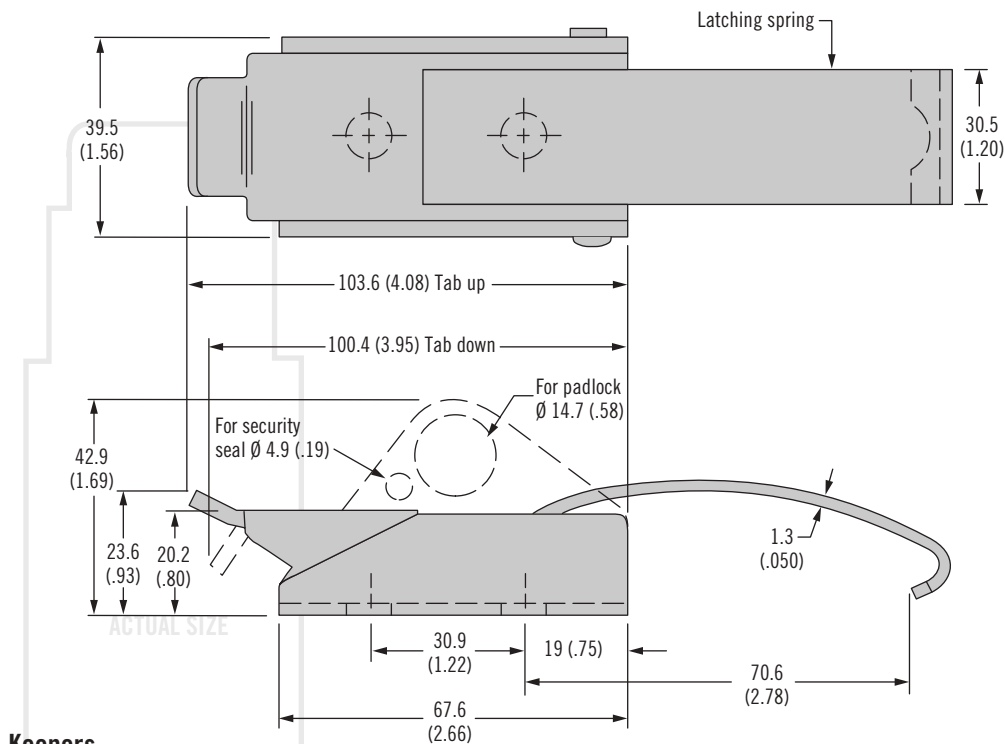
Material	Latch Part Number	
	Lever Tab Up	Padlockable
Steel, Zinc Plated	97-60-120-11	97-60-320-11
Steel, Black Powder Coated	97-60-120-15	97-60-320-15

### Latch Only



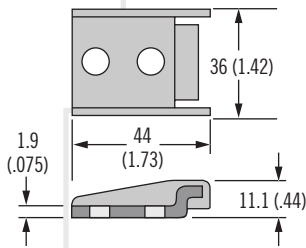
Material	Keeper Part Number		
	Concealed 2 Hole	Single Hole Peg Style	Exposed 1 Hole 1 Lug
Steel, Zinc Plated	97-67-103-11	97-67-105-11	97-67-104-11
Steel, Black Powder Coated	97-67-103-15	97-67-105-15	97-67-104-15

# 97 Draw Latch Over-center

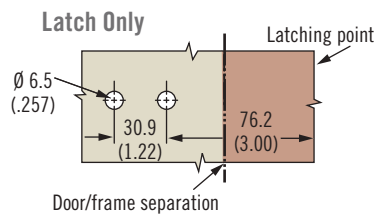
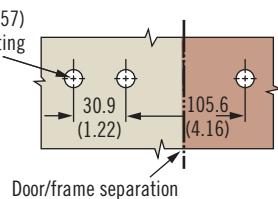
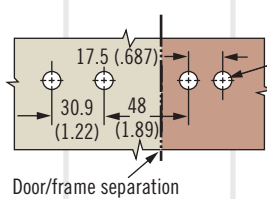
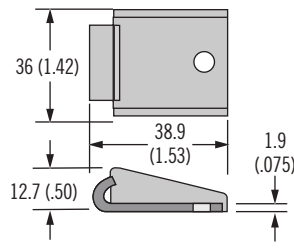


## Keepers

### Concealed 2 Hole



### Exposed Single Hole



Material	Latch Part Number		
	Lever Tab Up	Lever Tab Down	Padlockable
Steel	97-70-120-11	97-70-220-11	97-70-320-11

Material	Keeper Part Number	
	Concealed 2 Hole	Exposed Single Hole
Steel	97-77-103-11	97-77-104-11

- Multiple keeper options for application variances

## Material and Finish

Steel, zinc plated

## Performance Details

Clamping force: 645 N (145 lbf)

## Installation Notes

Install assembly with M6 (1/4) round head screws (not supplied) or 6 (1/4) rivets



## V2 Draw Latch

### Over-center

- Torsion spring to accommodate application variances

#### Material and Finish

Stainless steel or steel, zinc plated

#### Performance Details

Steel

Clamping force:

330 N (75 lbf) Minimum

700 N (160 lbf) Maximum

Stainless Steel

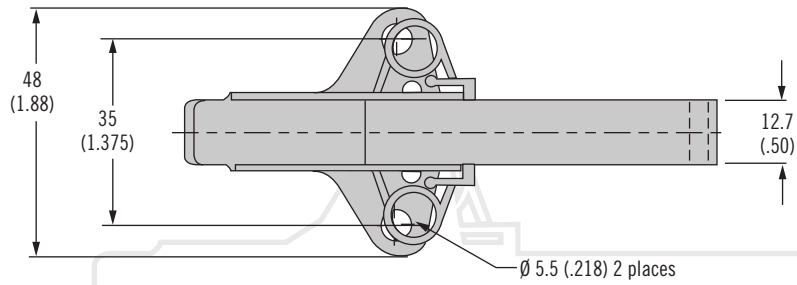
Clamping force:

260 N (60 lbf) Minimum

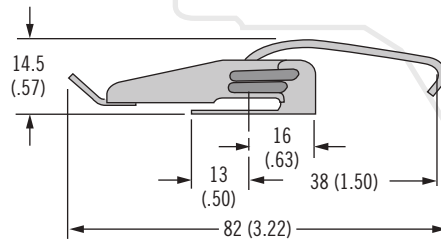
530 N (120 lbf) Maximum

#### Notes

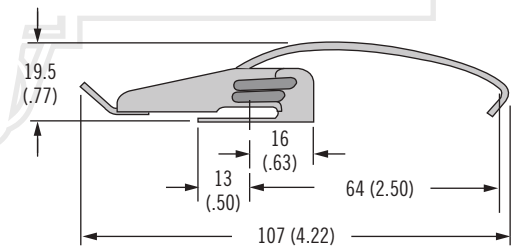
Spring loaded anchor plate compensates up to 2.3 (0.09) for irregularities in sealing and gasket set



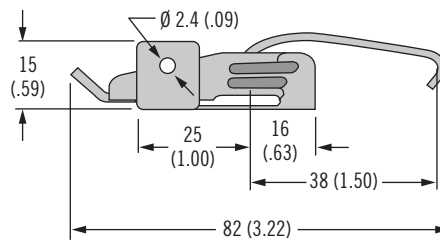
#### Short Blade



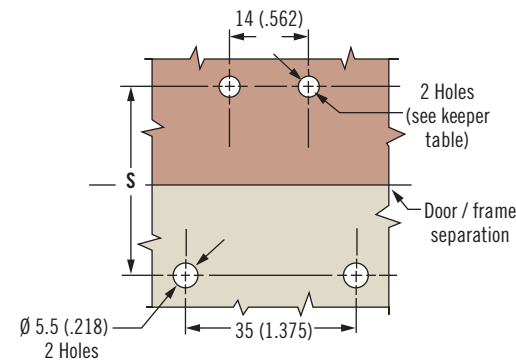
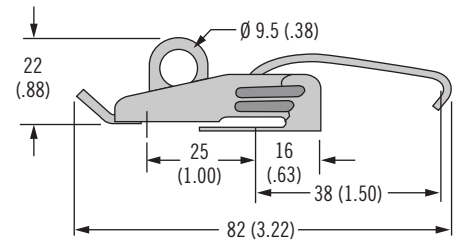
#### Long Blade



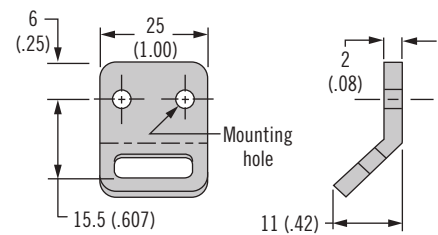
#### Wire Sealing



#### Padlockable



#### Keeper



#### Part Number

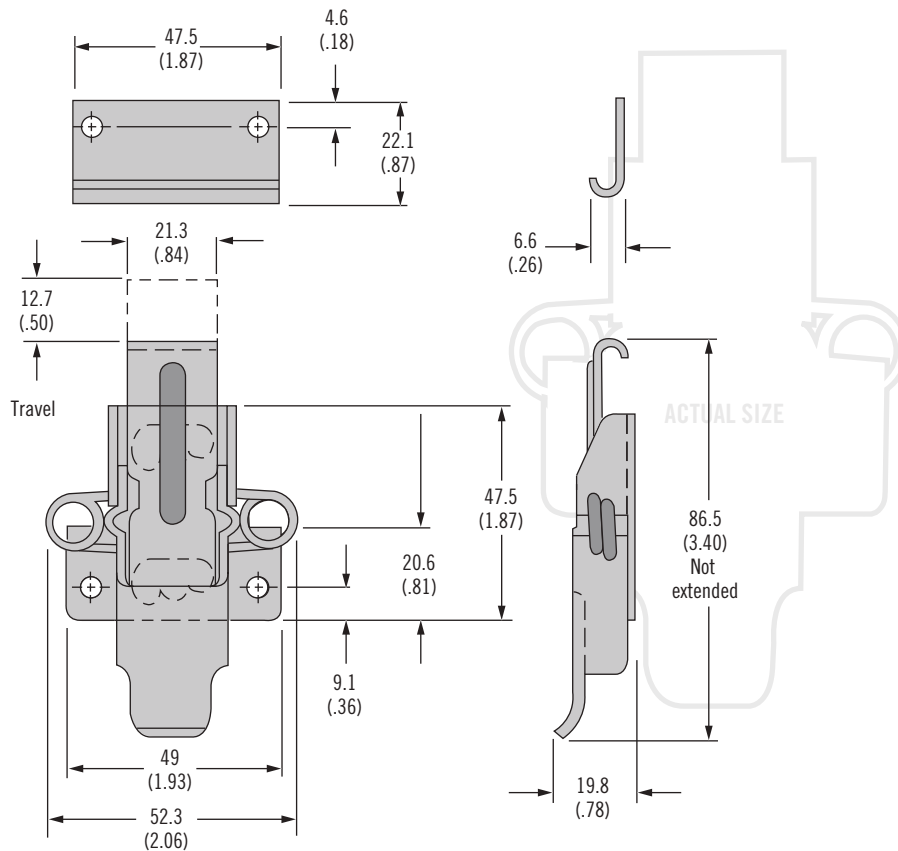
See table

Order latch and keeper separately

Description	Style	S Dimension		Part Number	
		Minimum	Maximum	Steel	Stainless Steel
Latch	Short blade	55 (2.17)	57.3 (2.26)	V2-0025-07	V2-0025-52
	Long blade	80.7 (3.17)	83 (3.26)	V2-0068-07	~
	Wire sealing	55 (2.17)	57.3 (2.26)	V2-0034-07	V2-0034-52
	Padlockable	55 (2.17)	57.3 (2.26)	V2-0026-07	V2-0026-52
Keeper	Ø 3.4 (.135) mounting holes		V2-0018-07	V2-0018-52	
	Ø 5.5 (.218) mounting holes		V2-0054-07	V2-0054-52	

# V4 Draw Latch

## Over-center



- Torsion spring to accommodate application variances

### Material and Finish

Stainless steel or steel, zinc plated

### Performance Details

Steel

Average ultimate load:  
3500 N (786 lbf)

Stainless Steel

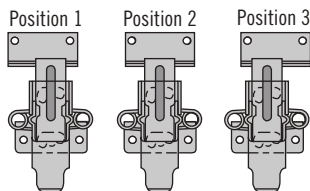
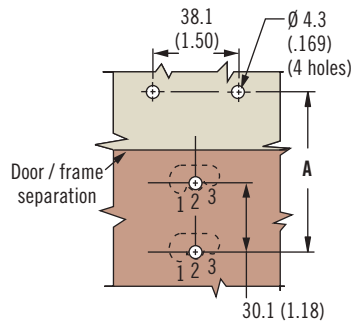
Average ultimate load:  
3800 N (850 lbf)

### Notes

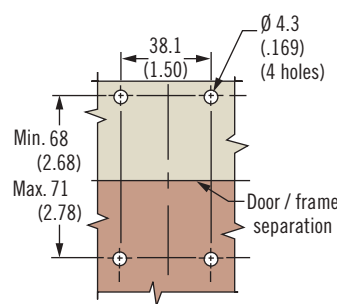
Spring loaded anchor plate compensates up to 2.3 (.09) for irregularities in sealing and gasket set



### Adjustable Installation



### Fixed Installation



Position Number	Dimensions A	
	Minimum	Maximum
1	71.4 (2.81)	73.7 (2.90)
2	69.9 (2.75)	72.1 (2.84)
3	68 (2.68)	70.6 (2.78)

Description	Part Number	
	Steel	Stainless Steel
Latch	V4-0006-02	V4-0006-52
Keeper	V4-0009-02	V4-0009-52

### Part Number

See table

Order latch and keeper separately



# TL Draw Latch

## Over-center · Wire bail

- Compact latch
- Multiple link options for application variances

### Material and Finish

Stainless steel or steel, zinc plated

### Performance Details

Steel working load:

Compact heavy-duty:

1290 N (290 lbf)

Compact: 220 N (45 lbf)

Stainless steel working load:

Compact heavy-duty:

800 N (180 lbf)

Compact: 220 N (45 lbf)

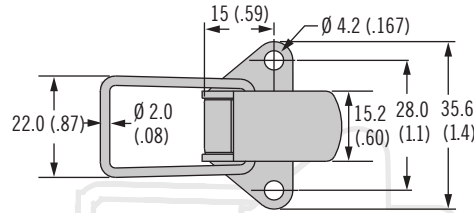
### Installation Notes

Install assembly with M4 (No. 6) round head screws (not supplied) or 4 (.156) rivets

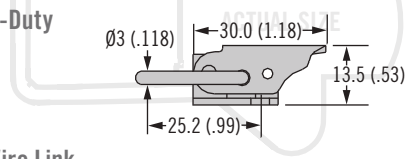
### Notes

Order keepers separately, see page 338

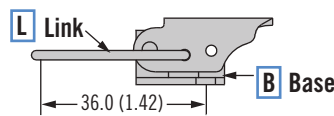
### Exposed Mounting Holes



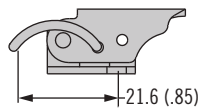
### Heavy-Duty



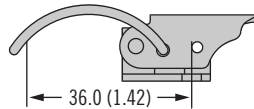
### Flat Wire Link



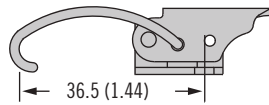
### Short Curved Wire Link



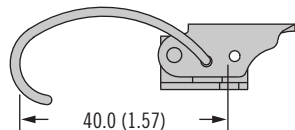
### Long Curved Wire Link



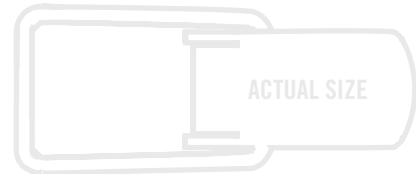
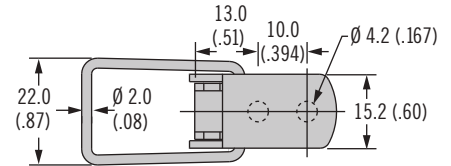
### Shallow Hook Link



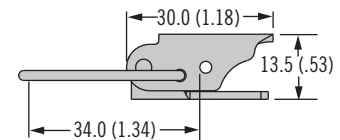
### Deep Hook Link



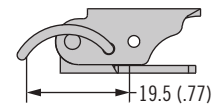
### Concealed Mounting Holes



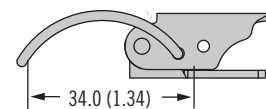
### Flat Wire Link



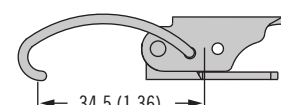
### Short Curved Wire Link



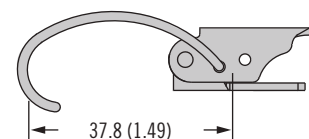
### Long Curved Wire Link



### Shallow Hook Link



### Deep Hook Link



### Part Number Selection

Latch only

See page 338 for keepers

**L** Link style

- 1 Flat
- 2 Short curved
- 3 Long curved
- 4 Shallow hook
- 5 Deep hook
- 6 Heavy-duty

**F** Finish

- 07 Steel, zinc plated
- 52 Stainless steel, passivated

TL - 20 - **B** 0 **L** - **F**

**B** Base type

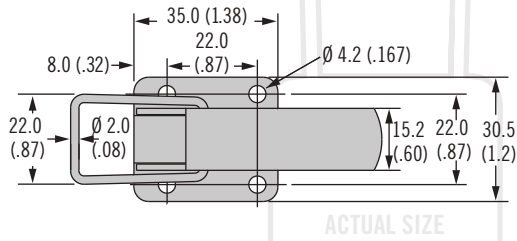
- 1 Exposed
- 2 Concealed

# TL Draw Latch

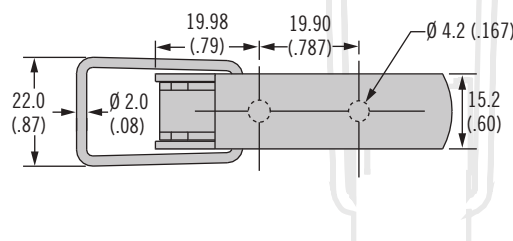
## Over-center · Wire bail



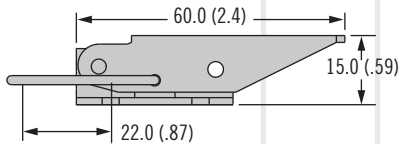
### Exposed Mounting Holes



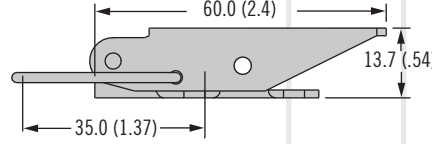
### Concealed Mounting Holes



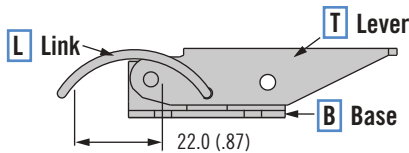
### Flat Wire Link



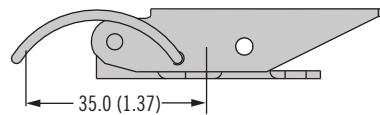
### Flat Wire Link



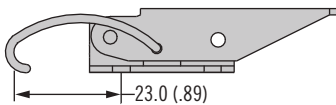
### Curved Wire Link



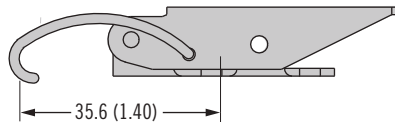
### Curved Wire Link



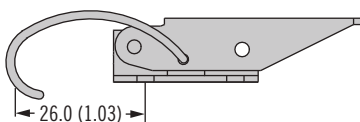
### Shallow Hook Link



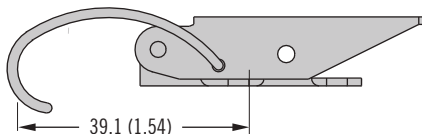
### Shallow Hook Link



### Deep Hook Link



### Deep Hook Link



- Multiple link options for application variances
- Secondary locking style available

### Material and Finish

Stainless steel or steel, zinc plated

### Performance Details

Steel:

Working load: 220 N (45 lbf)

Stainless Steel:

Working load: 220 N (45 lbf)

### Installation Notes

Install assembly with M4 (No. 6) round head screws (not supplied) or 4 (.156) rivets

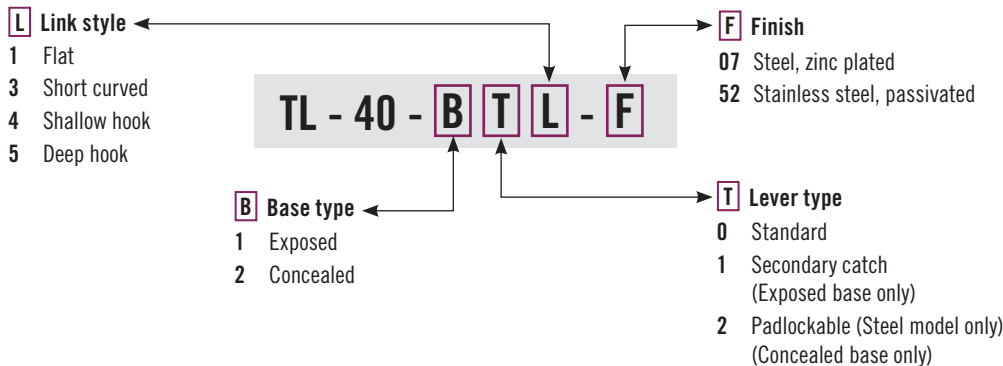
### Notes

Order keepers separately, see page 338

### Part Number Selection

Latch only

See page 338 for keepers





# TL Keeper

- Multiple keeper options for application variances
- Suitable for all TL-20 and TL-40 latches

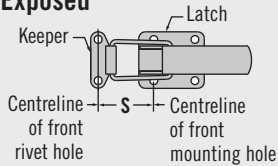
### Material and Finish

Stainless steel, steel, zinc plated

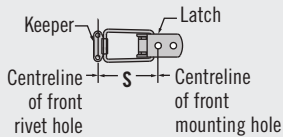
### Installation Notes

Install assembly with M4 (No. 6) round head screws (not supplied) or 4 (.156) rivets

### Exposed



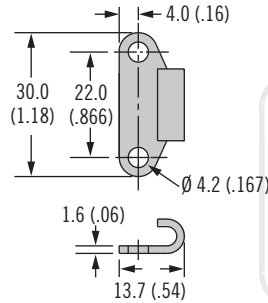
### Concealed



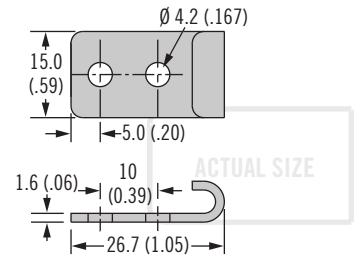
### Part Number Selection

1. Select your latch choice in the draw latch column
2. Select your keeper style in the keeper style row
3. Where the column and row meet use the figure for your install S dimension

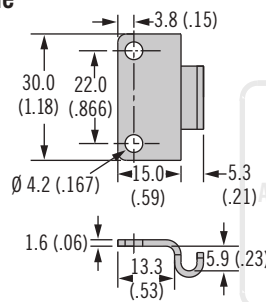
### Small



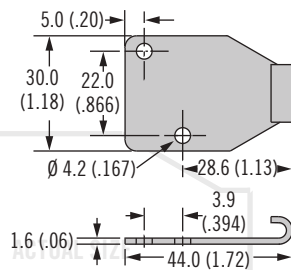
### Narrow



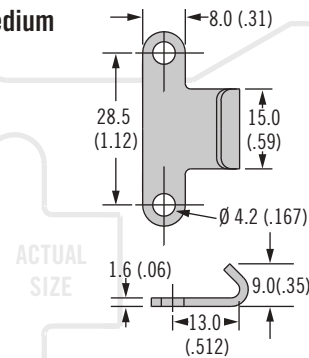
### Right Angle



### Large



### Medium



- B** Base type
- 1 Small
  - 2 Narrow
  - 3 Right angle
  - 5 Large
  - 9 Medium

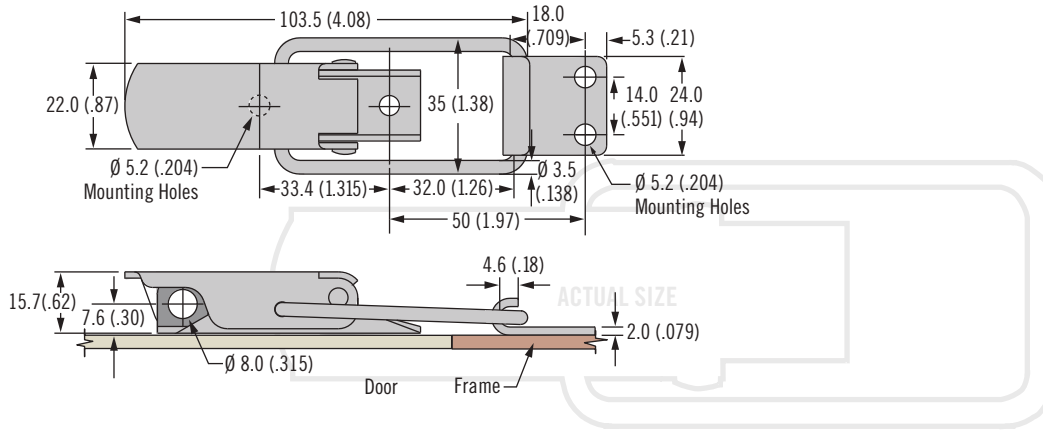
- F** Finish
- 07 Steel, zinc plated
  - 52 Stainless steel passivated

TL - 17 - 20 **B** - **F**

Keeper Style	Small	Narrow	Large	Medium
	TL-17-201-F	TL-17-202-F	TL-17-205-F	TL-17-209-F
<b>Draw Latch</b>	<b>S Dimension</b>			
TL-20-101	44.7 (1.76)	46.7 (1.84)	62.0 (2.44)	49.0 (1.93)
TL-20-102	30.3 (1.19)	32.3 (1.27)	47.6 (1.87)	34.6 (1.36)
TL-20-103	44.7 (1.76)	46.7 (1.84)	62.0 (2.44)	49.0 (1.93)
TL-20-106	33.9 (1.33)	35.9 (1.41)	51.2 (2.02)	38.2 (1.50)
TL-20-201	41.7 (1.64)	43.7 (1.72)	59.0 (2.32)	46.0 (1.81)
TL-20-202	28.2 (1.11)	30.2 (1.19)	45.5 (1.79)	32.5 (1.28)
TL-20-203	41.7 (1.64)	43.7 (1.72)	59.0 (2.32)	46.0 (1.81)
TL-40-101	30.7 (1.21)	32.7 (1.29)	48.0 (1.89)	35.0 (1.38)
TL-40-103	30.7 (1.21)	32.7 (1.29)	48.0 (1.89)	35.0 (1.38)
TL-40-201	43.7 (1.72)	45.7 (1.80)	61.0 (2.40)	48.0 (1.89)
TL-40-203	43.7 (1.72)	45.7 (1.80)	61.0 (2.40)	48.0 (1.89)

# TL Draw Latch

## Over-center · Wire bail



Description	Part Number	
	Steel	Stainless Steel
Latch	TL-50-201-07	TL-50-201-52
Keeper	TL-17-501-07	TL-17-501-52

- Robust construction
- Padlockable

### Material and Finish

Stainless steel or steel, zinc plated

### Performance Details

Working load: 2490 N (560 lbf)

### Installation Notes

Install assembly with M5 (No. 10) round head screws (not supplied) or 5 (.196) rivets.

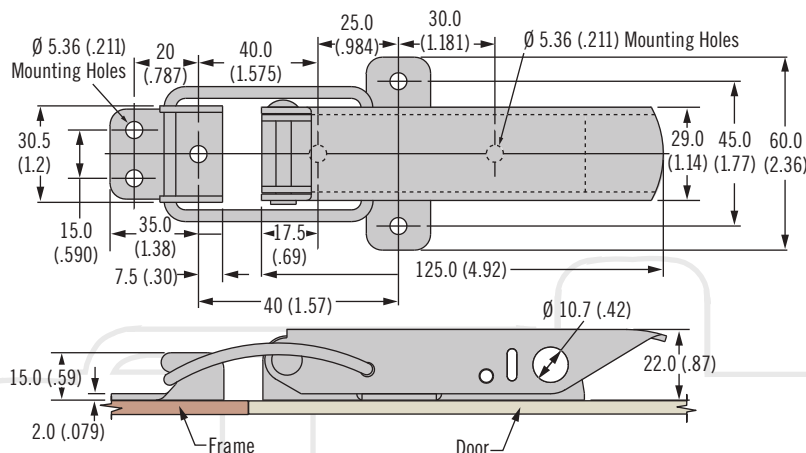
### Part Number

See table

Order latch and keeper separately

# TL Draw Latch

## Over-center · Wire bail



Description	Part Number
Draw Latch	TL-60-102-07
Keeper	TL-17-601-07

- Robust construction
- Padlockable

### Material and Finish

Steel, zinc plated

### Performance Details

Working load: 2670 N (600 lbf)

### Installation Notes

Install assembly with M5 (No. 10) round head screws (not supplied) or 5 (.196) rivets

### Part Number

See table

Order latch and keeper separately



# A1 Draw Latch

## Over-center · Adjustable

- Hooked latching rod
- Latching arm adjusts to fit your grip range

### Material and Finish

Stainless steel or steel, zinc plated  
Grip: Vinyl yellow

### Performance Details

Latched at end of hook:

Small:

Maximum static load:  
1200 N (270 lbf)

Medium:

Maximum static load:  
1780 N (400 lbf)

Latched at center of radius:

Small:

Maximum static load:  
1350 N (300 lbf)

Medium:

Maximum static load:  
3110 N (700 lbf)

### Installation Notes

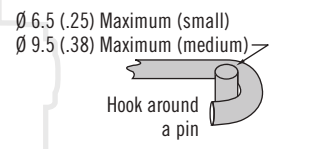
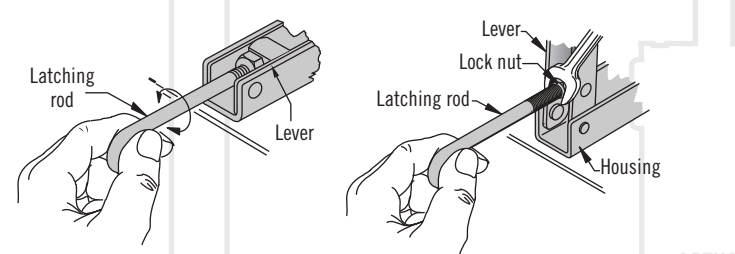
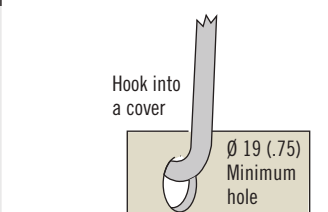
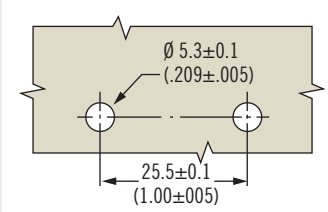
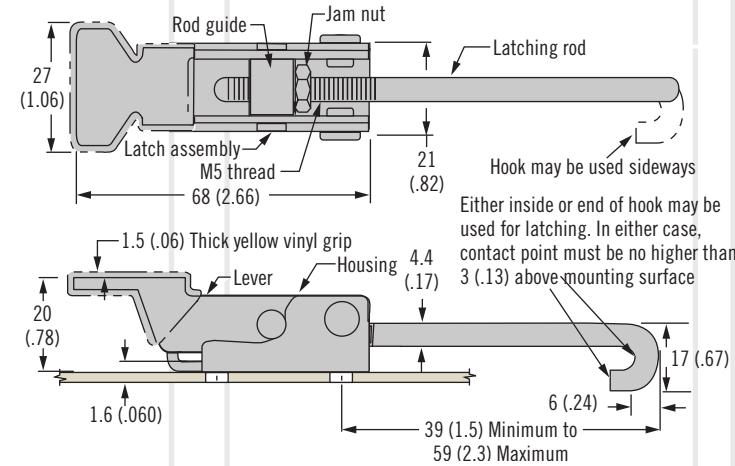
Small:

Install assembly with four M5  
(No. 10) screws or rivets

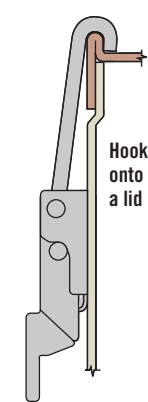
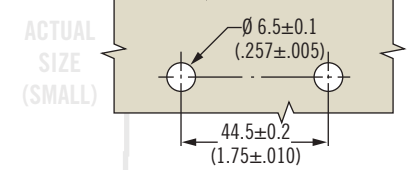
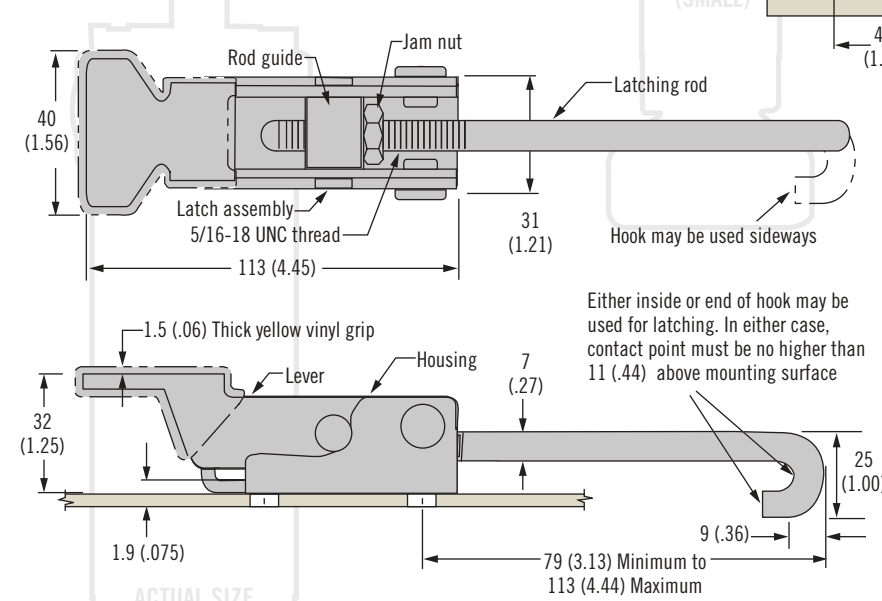
Medium:

Install assembly with four M6 (1/4)  
screws or rivets

### Small



### Medium



### Part Number Selection

**B** Base size ←      → **M** Finish

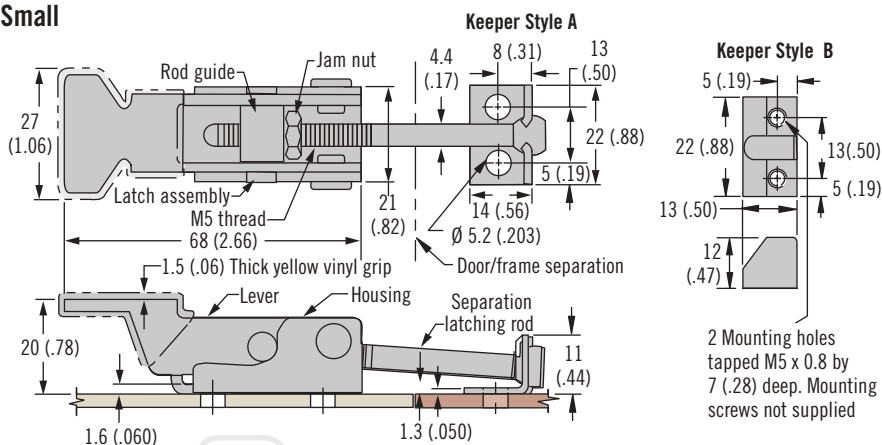
5 Small      10 Steel, zinc plated without yellow grip  
7 Medium      20 Steel, zinc plated with yellow grip  
40 Stainless steel without yellow grip  
50 Stainless steel with yellow grip

**A1 - 11 - B 02 - M**



# A1 Draw Latch Over-center · Adjustable

## Small



### • Adjustable grip

### Material and Finish

Stainless steel or steel, zinc plated  
Grip: Vinyl yellow

### Performance Details

Small (keeper style A):  
Maximum static load: 180 N (40 lbf)

Small (keeper style B):  
Maximum static load:  
1550 N (350 lbf)

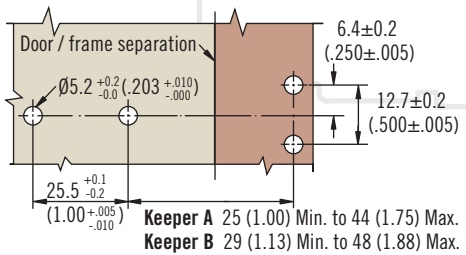
Medium (keeper style A)  
Maximum static load: 890 N (200 lbf)

### Installation Notes

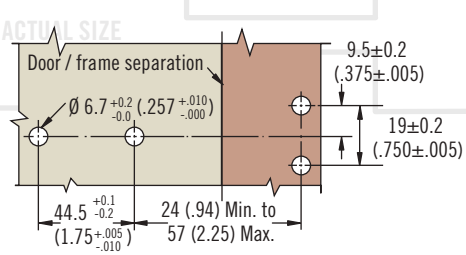
Small:  
Install assembly with four M5 (No. 10) round head screws or rivets

Medium:  
Install assembly with four M6 (1/4) round head screws or rivets

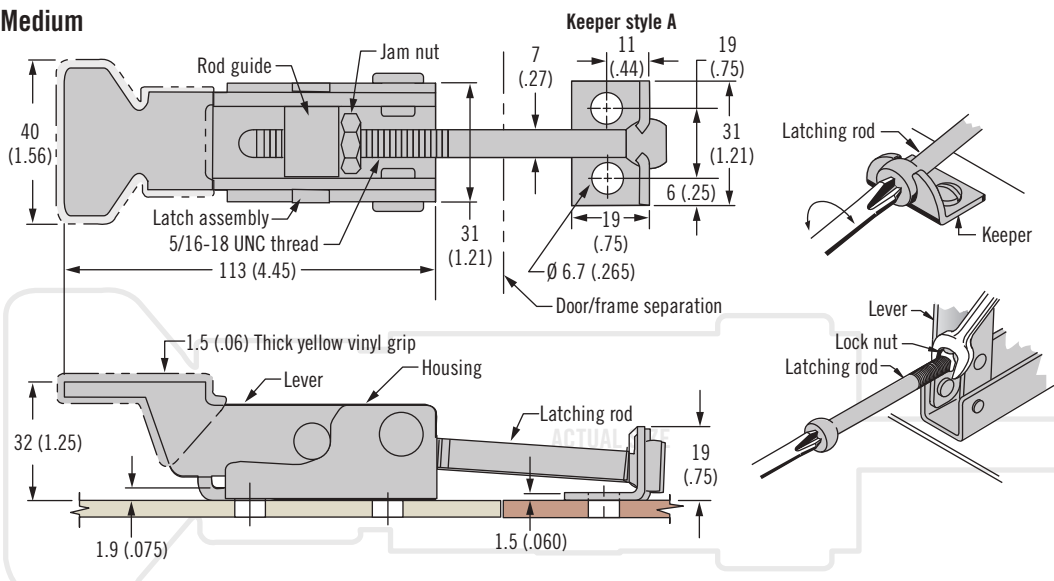
### Small Panel Preparation



### Medium Panel Preparation



## Medium



**A1 - 10 - B 0 K - M**

### B Base size

- 5 Small
- 7 Medium

### K Keeper style

- 1 Type A
- 3 Type B (Small steel, zinc plated models only)

### M Finish

- 10 Steel, zinc plated without yellow grip
- 20 Steel, zinc plated with yellow grip
- 40 Stainless steel without yellow grip
- 50 Stainless steel with yellow grip

### Part Number Selection

Assembly complete with keeper



Dimensions in millimeters (inch) unless otherwise stated

[www.southco.com/A1](http://www.southco.com/A1)



# A1 Draw Latch

## Over-center · Adjustable

- Robust construction
- Adjustable grip

### Material and Finish

Steel, zinc plated or black powder coated

### Performance Details

Latched at end of hook:

Maximum static load:

2225 N (500 lbf)

Latched at center of radius:

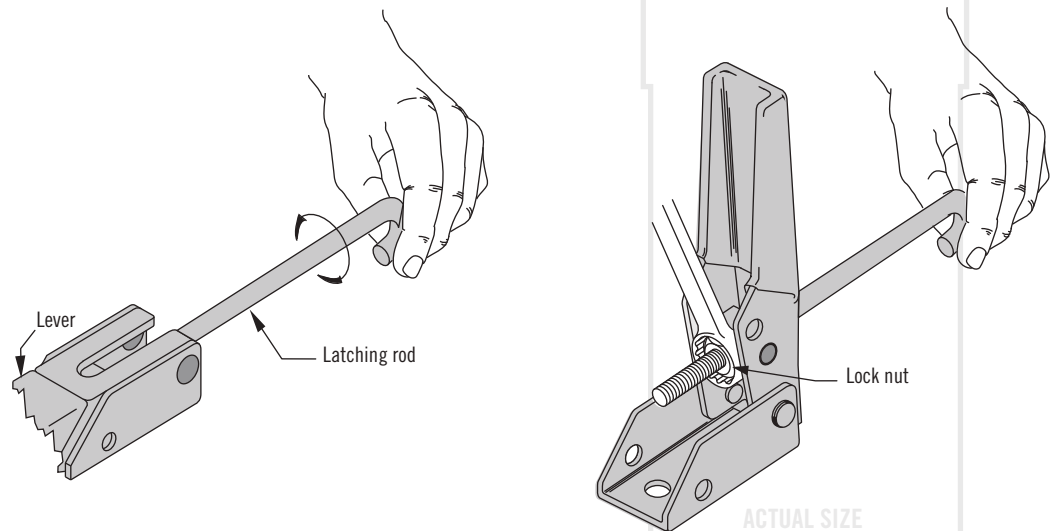
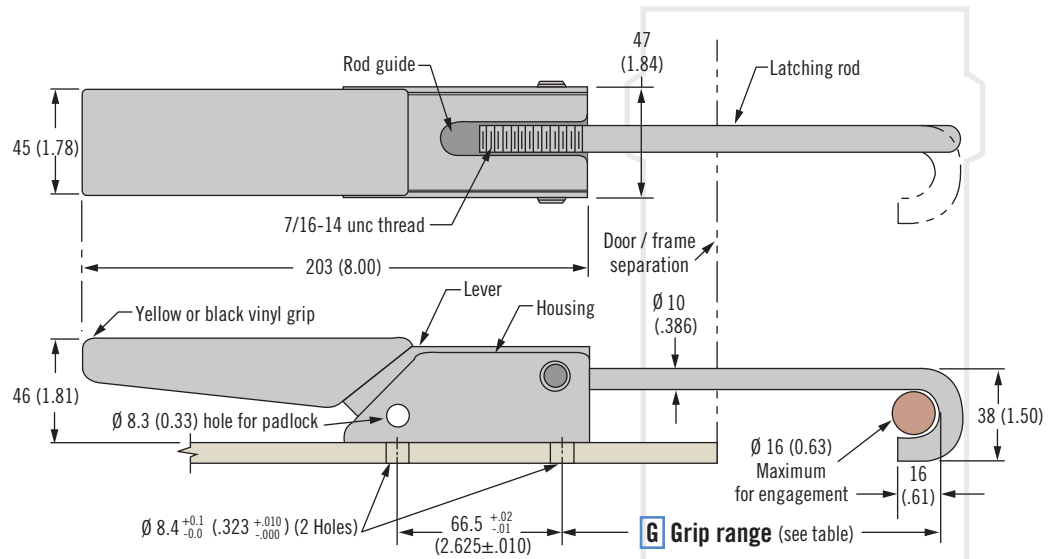
Maximum static load:

4450 N (1000 lbf)

### Installation Notes

Install assembly with two M8 (5/16) bolts (not supplied)

Hook may be used sideways. Either inside or end of hook may be used for latching. In either case, contact point must be no higher than 25 (1.00) above mounting surface



### Part Number

See table

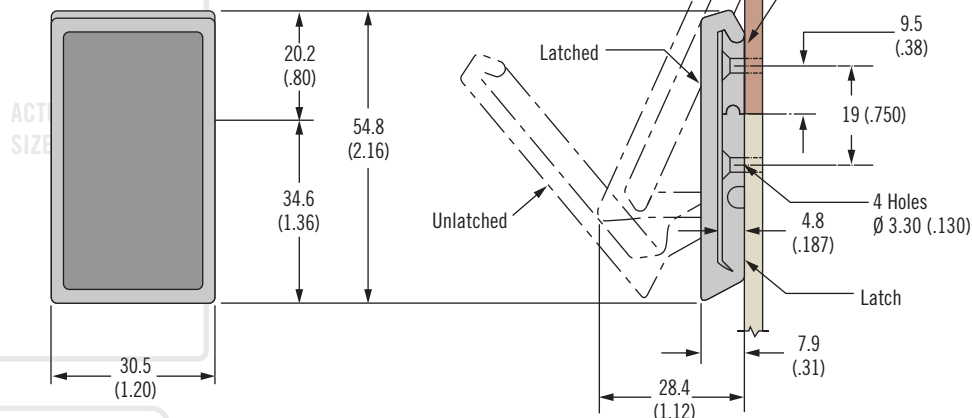
G Grip Range		Part Number	
Minimum	Maximum	Bright latch with yellow vinyl grip	Black latch with black vinyl grip
89 (3.50)	114 (4.50)	A1-11-902-20	A1-11-902-31

# 07 Draw Latch

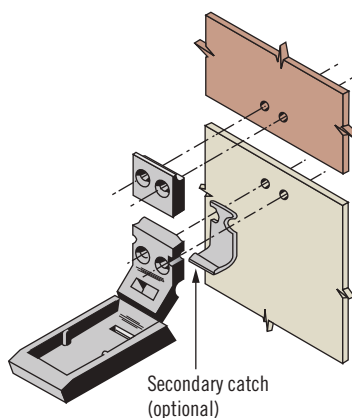
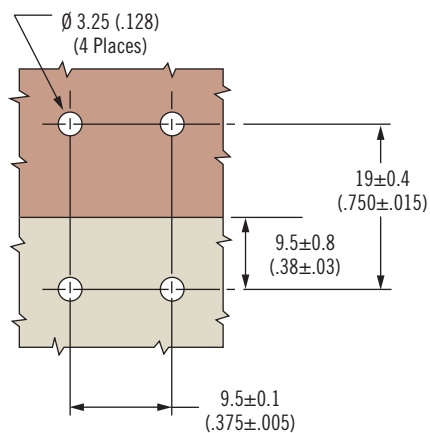
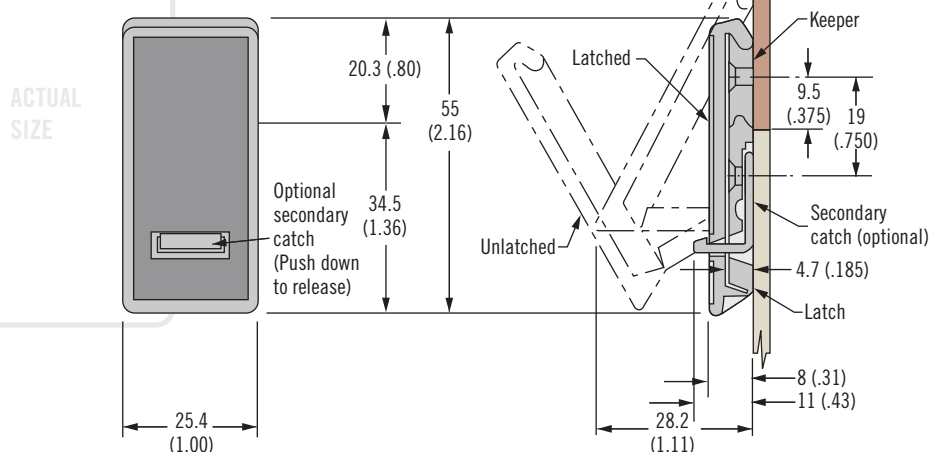
## Over-center · Living hinge



### Standard Style



### Secondary Catch Style



- Low profile one piece molded latch
- Concealed mounting
- Secondary catch option to prevent accidental opening

### Material and Finish

Polypropylene black or white  
Secondary catch: acetal black or red

### Performance Details

Maximum working load:  
Standard: 445 N (100 lbf)

Secondary catch: 310 N (70 lbf)

Operating temperature range:  
0°C (32°F) to 65°C (150°F)

Flammability rating: UL94-HB

### Installation Notes

Install assembly with four Ø 3 (.125) flat head rivets or M3 (No. 4) flat head screws (not supplied)

### B Base type

- 2 Standard
- 5 Secondary catch

### F Finish

- 11 White (standard only)
- 12 Black (standard only)
- 70 Black with red secondary catch
- 72 Black with black secondary catch

07 - 10 - B 01 - F

### Part Number Selection

Assembly complete with keeper



# 91 Draw Latch

## Under-center · Adjustable

- Adjustable grip
- Kick out feature disengages from keeper
- Secondary catch option to prevent accidental opening

### Material and Finish

Stainless steel or steel, zinc plated

### Performance Details

Maximum working load:

With 91-600 keeper:  
1325 N (300 lbf)

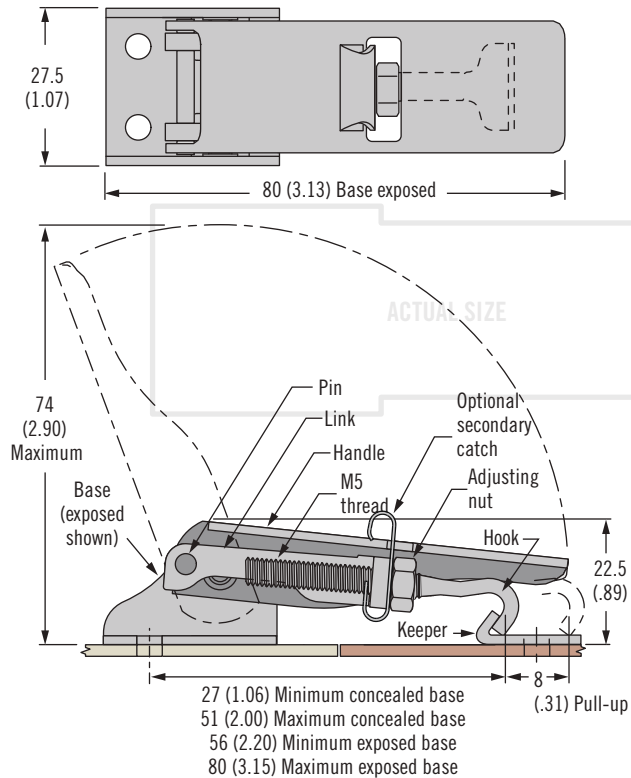
With K4-2338 keeper:  
1550 N (350 lbf)

### Installation Notes

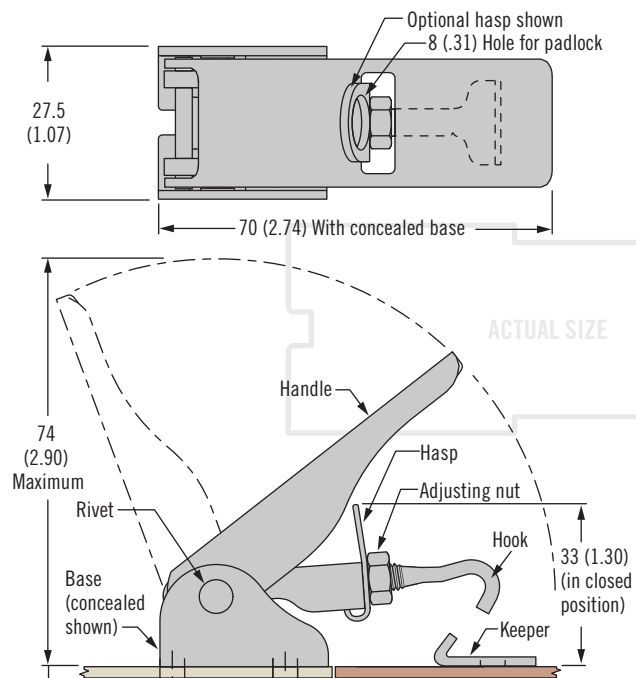
M4 (No. 8) screws (not supplied)

### Latch

Exposed Base (Secondary catch option shown)

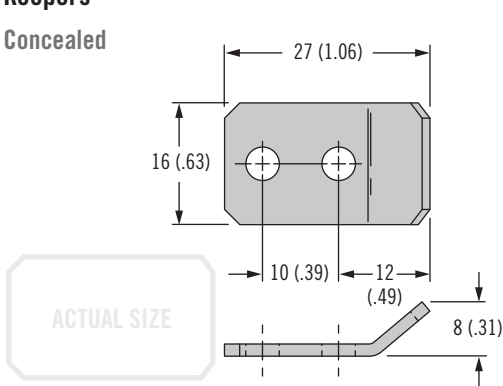


Concealed Base (Hasp option shown)

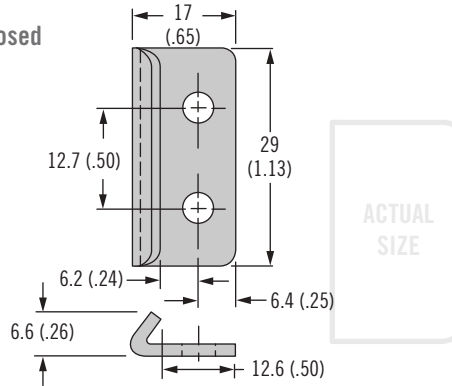


**Keepers**

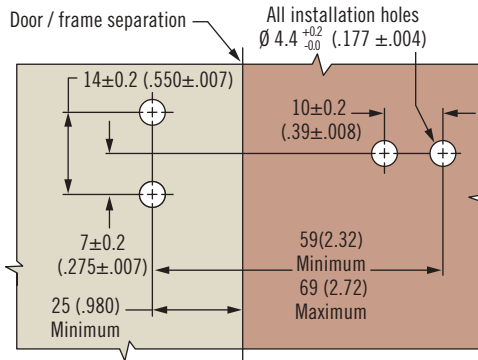
**Concealed**



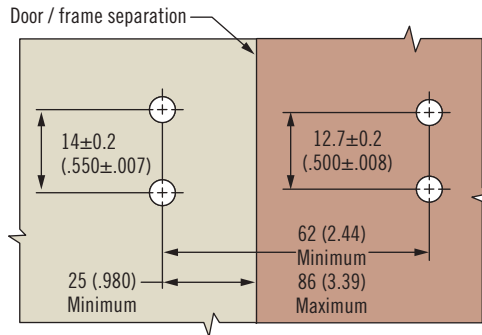
**Exposed**



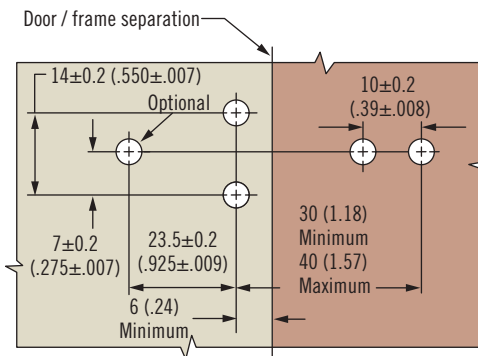
**Exposed Base and Concealed Keeper**



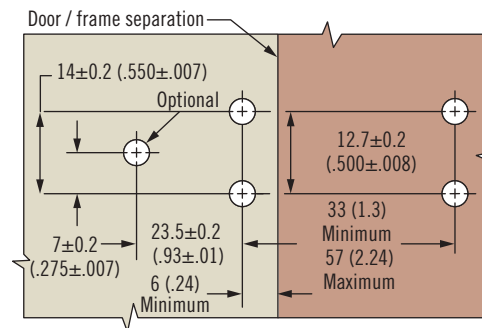
**Exposed Base and Exposed Keeper**



**Concealed Base and Concealed Keeper**



**Concealed Base and Exposed Keeper**



**B Base type**

- 1 Concealed
- 2 Concealed with secondary catch
- 3 Concealed with padlock hasp
- 5 Exposed
- 6 Exposed with secondary catch
- 7 Exposed with padlock hasp

**F Finish**

- 07 Steel, zinc plated
- 52 Stainless steel

91 - 5 **B** 2 - **F**

**Part Number Selection**

Order latch and keeper separately  
 For latch part number see builder  
 For keeper part number see table

Finish	Keeper Part Number	
	Concealed	Exposed
Steel	91-600-07	K4-2338-07
Stainless Steel	91-600-52	K4-2338-52
Stainless Steel, Black	91-600-63	K4-2338-63



# 91 Draw Latch

## Under-center · Adjustable

- Adjustable grip
- Secondary catch option to prevent accidental opening

### Material and Finish

Stainless steel or steel, zinc plated

### Performance Details

Maximum working load

Stainless steel: 710 N (160 lbf)

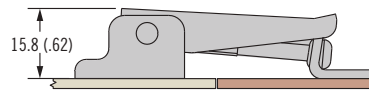
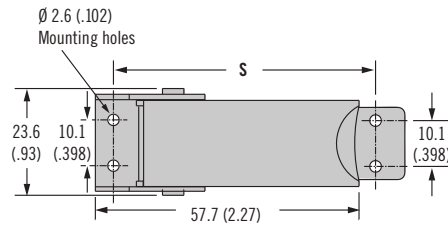
Steel, zinc plated: 1200 N (270 lbf)

### Installation Notes

Ø 2.5 (No. 3) screws (not supplied)

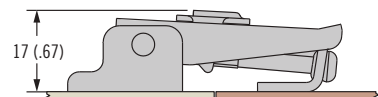
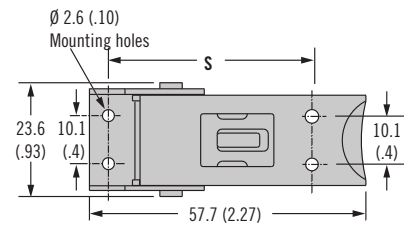
### Latch

#### Standard



Latch shown with 91-630-XX exposed keeper

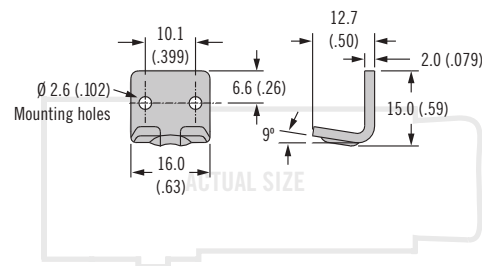
#### Secondary Catch



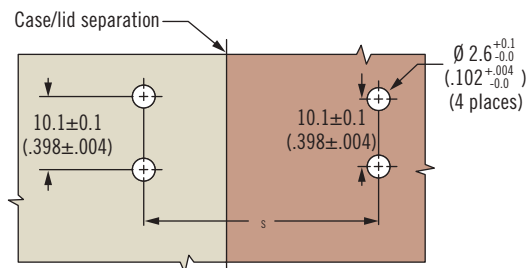
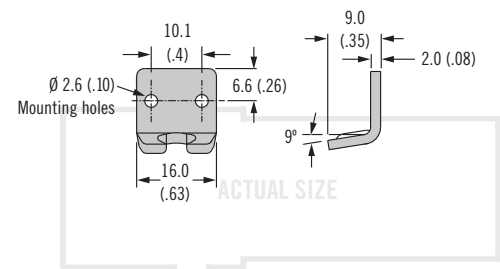
Latch shown with 91-634-XX concealed keeper

### Keeper

#### Exposed



#### Concealed



### Part Number

See table

Order latch and keeper separately

Material	Latch Part Number	
	Standard	Secondary Catch
Steel	91-351-07	91-361-07
Stainless Steel	91-351-52	91-361-52

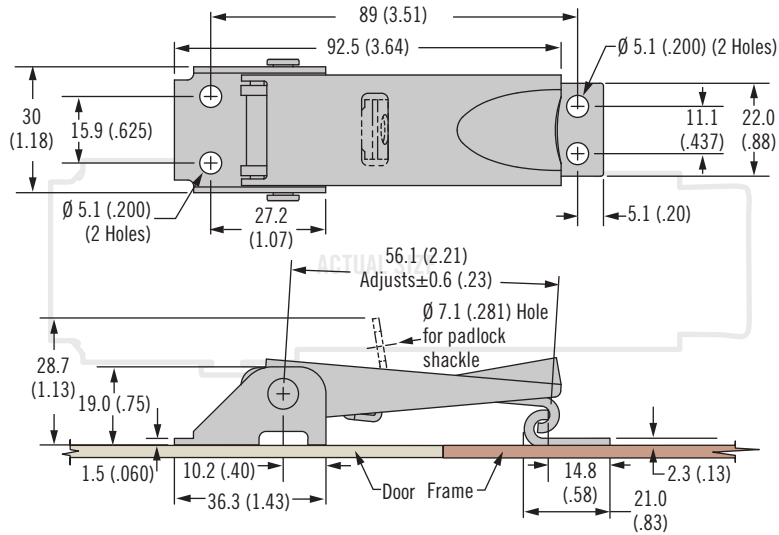
S	Keeper Type	Steel	Stainless Steel
		39 - 47 (1.53 - 1.85)	91-634-07
52 - 60 (2.04 - 2.36)	Exposed	91-630-07	91-630-52

# 91 Draw Latch

Under-center · Adjustable



347



Type	Part Number	
	Steel	Stainless Steel
Standard Latch	91-752-07	91-752-52
Latch with Padlock Hasp	91-772-07	91-772-52

## Adjustable grip

### Material and Finish

Stainless steel or steel, zinc plated

### Performance Details

Maximum working load:  
2670 N (600 lbf)

### Installation Notes

M5 (No. 10) screws (not supplied)

### Part Number

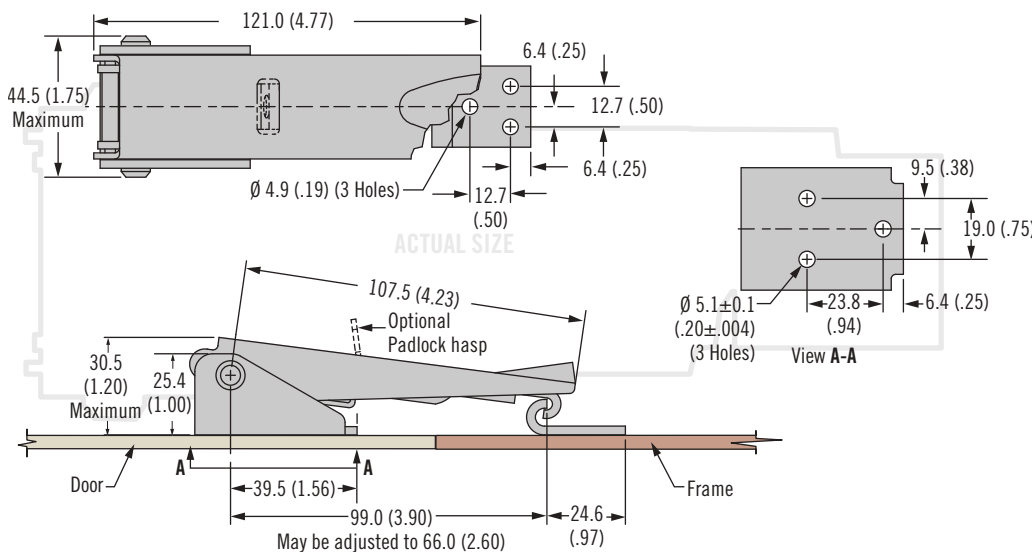
See table

Assembly complete with keeper



# 91 Draw Latch

Under-center · Adjustable



Type	Part Number
Standard Latch	91-812-52
Latch with Padlock Hasp	91-832-52

## Adjustable grip

### Material and Finish

Stainless steel

### Performance Details

Maximum working load:  
3560 N (800 lbf)

### Installation Notes

Install assembly with M4 (No. 10) screws (not supplied)

### Part Number

See table

Assembly complete with keeper





# K2 Draw Latch

## Rotary · Stylized wing

- Lift and Turn operation
- Consistent pull-up

### Material and Finish

Stainless steel or steel, black powder coated

### Performance Details

Steel:

Maximum working load:  
1230 N (275 lbf)

Stainless steel:

Maximum working load:  
845 N (190 lbf)

Operating temperature range:  
-40°C (-40°F) to 80°C (175°F)

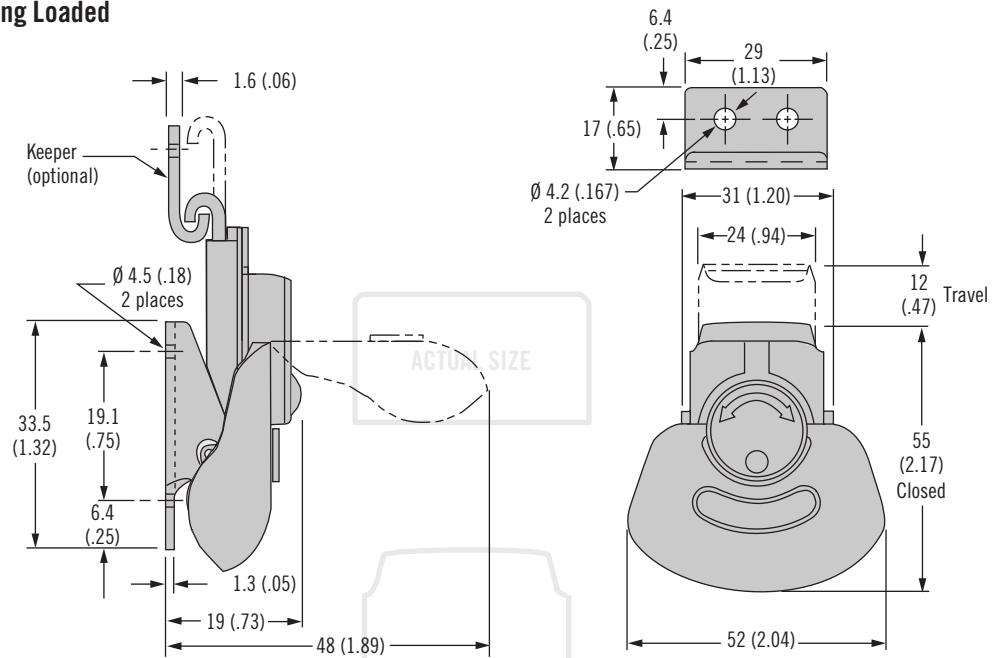
### Installation Notes

Install assembly with  $\varnothing 4$  (.157) rivets or M4 (No. 8) screws (not supplied)

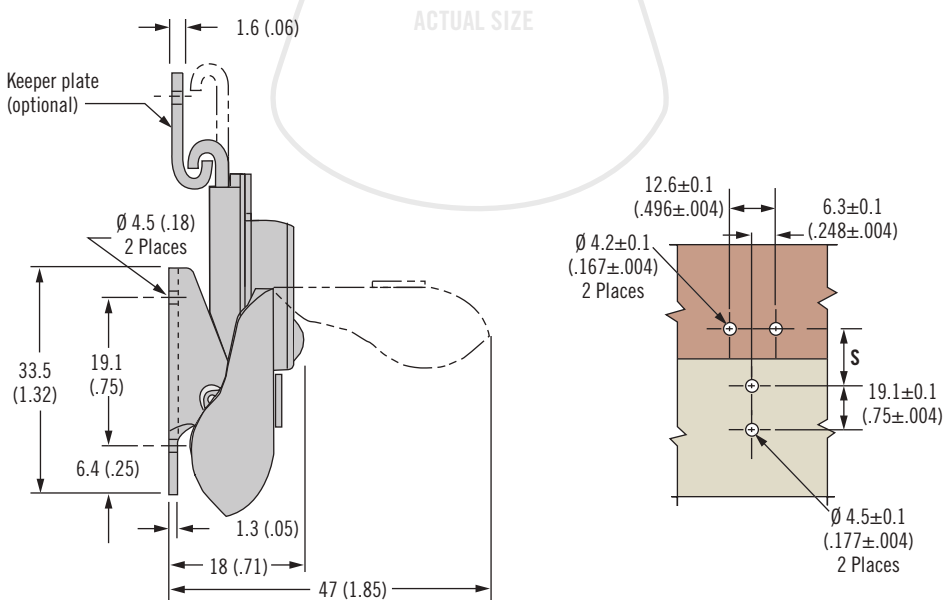
### Notes

Spring loaded:  
Ideal for applications where shock and vibration occur. Compensates up to 1.7 (.07) for mounting hole irregularities, panel variations and gasket set. Also provides an additional allowance of 2.3 (.09) deflection when loaded.

### Spring Loaded



### Fixed



### Part Number

See table

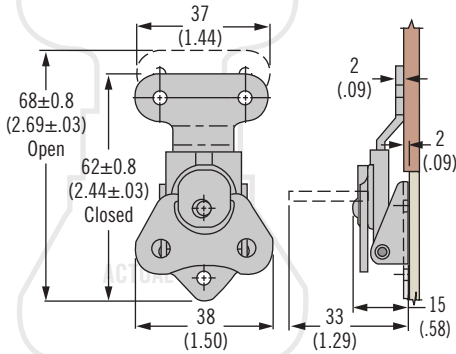
Order latch and keeper separately

Latch	Part Number			S
	Style	Steel, Black Powder Coated	Stainless Steel	
	Spring loaded	K2-3005-89	K2-3005-51	
Fixed	K2-3001-89	K2-3001-51	32±0.2 (1.25±.01)	
Keeper		K4-2338-89	K4-2338-51	

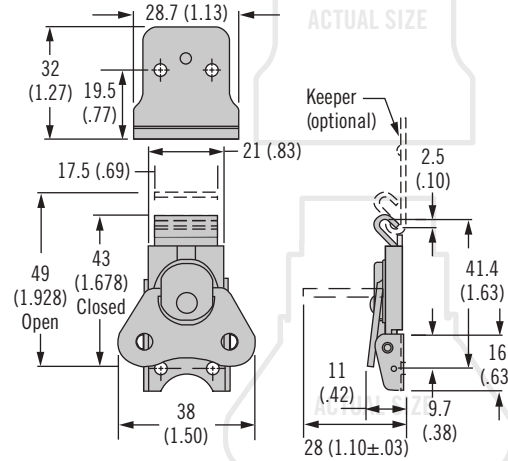
# K3 Draw Latch Rotary



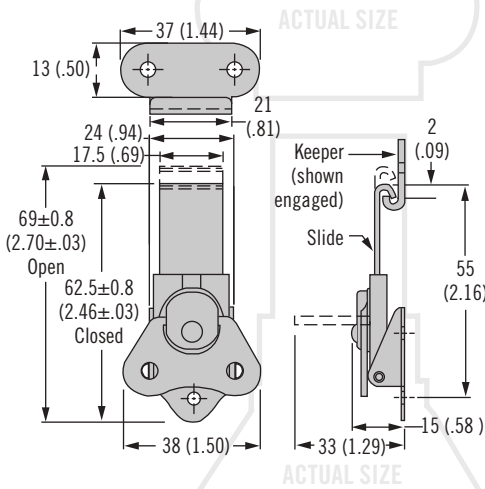
## Hinge Lock



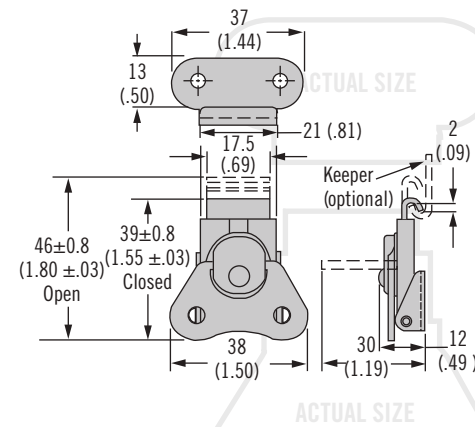
## Low Profile



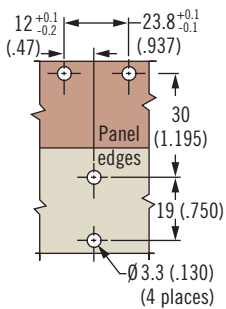
## Long Slide



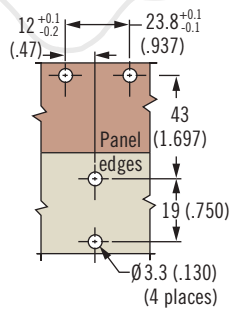
## Short Anchor Plate



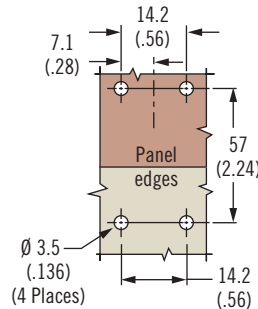
## Hinge Lock



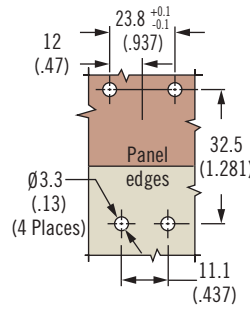
## Long Slide



## Low Profile



## Short Base



- Adjustable grip

### Material and Finish

Stainless steel or steel, zinc plated

### Installation Notes

Install assembly with Ø 3 (.125) rivets or M3 (No. 4) screws (not supplied)

### Notes

Hinge lock style has an integrally attached keeper

Material	Latch Part Number				Keeper Part Number	
	Hinge Lock	Long Slide	Low Profile	Short Base	Keeper	Low Profile Keeper
Steel	K3-1746-07	K3-2347-07	K3-2694-07	K3-1660-07	K3-0334-07	K3-2696-07
Stainless Steel	~	K3-2347-52	~	K3-1660-52	K3-0334-52	~

### Part Number

See table

Order latch and keeper separately



# K3 Draw Latch Rotary

- Lift and Turn operation
- Consistent pull-up

### Material and Finish

Stainless steel or steel, zinc plated

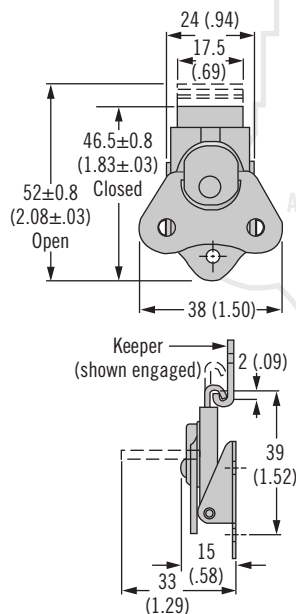
### Installation Notes

Install assembly with  $\varnothing 3$  (.125) rivets or M3 (No. 4) screws (not supplied)

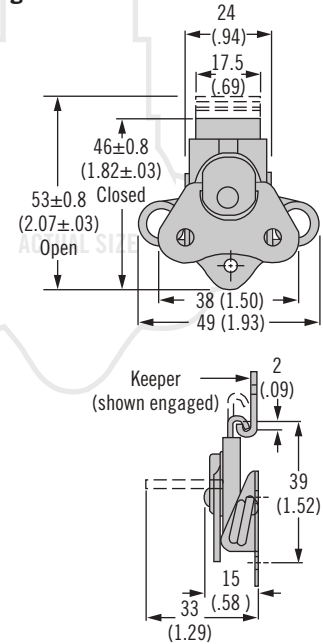
### Notes

Spring loaded:  
Ideal for applications where shock and vibration occur. Compensates up to 4 (.156) for mounting hole irregularities, panel variations and gasket set.

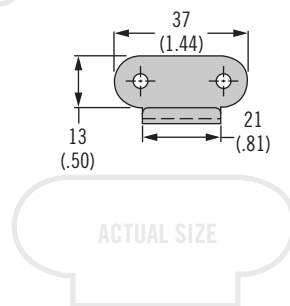
### Riveted



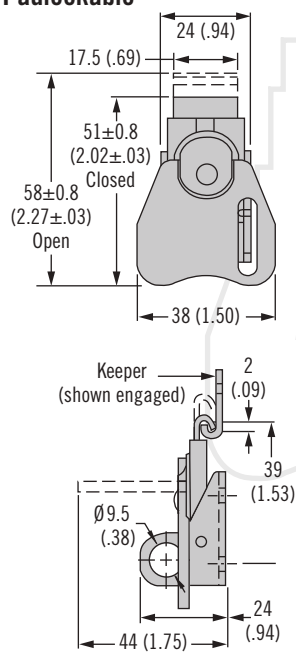
### Spring Loaded



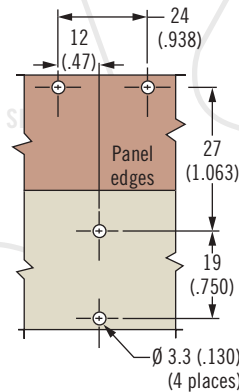
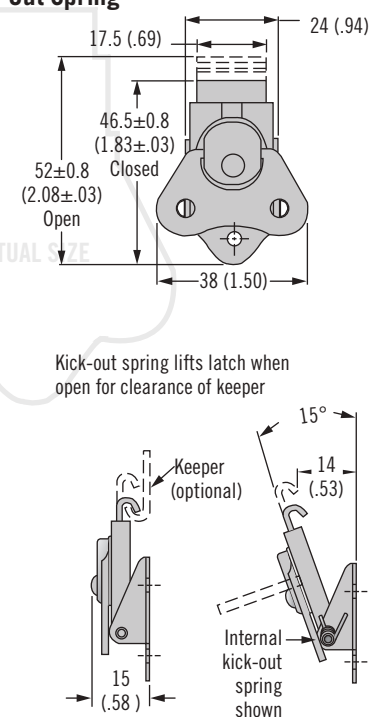
### Keeper



### Padlockable



### Kick-Out Spring



### Part Number

See table

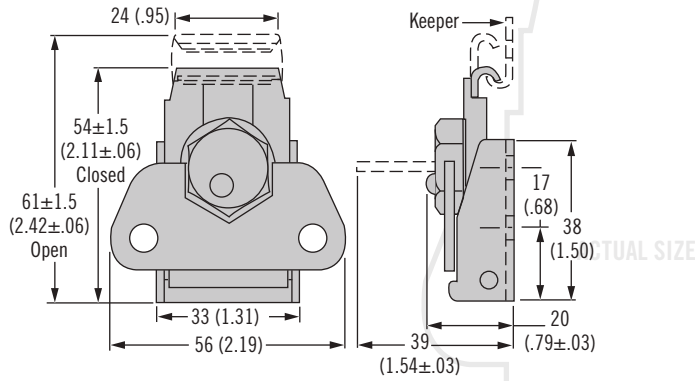
Order latch and keeper separately

Material	Part Number				
	Riveted	Spring Loaded	Padlockable	Kick-Out Spring	Keeper
Steel	K3-1625-07	K3-1735-07	K3-2403-07	K3-1887-07	K3-0334-07
Stainless Steel	K3-1625-52	K3-1735-52	K3-2403-52	K3-1887-52	K3-0334-52

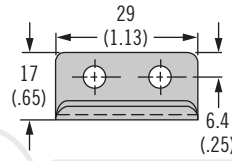
# K4 Draw Latch Rotary



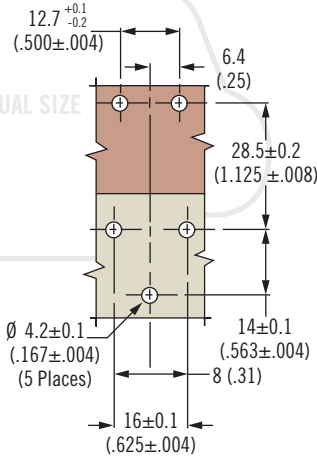
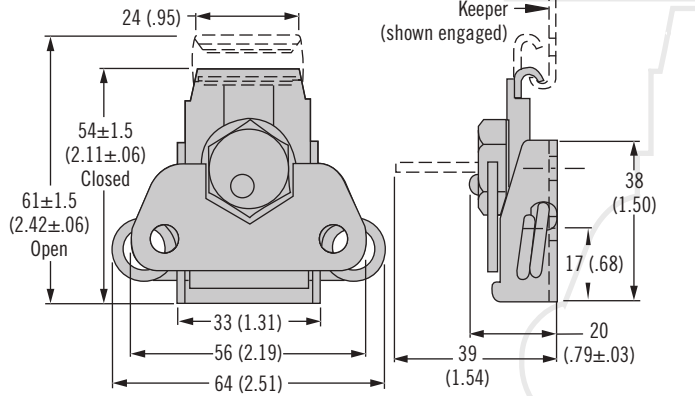
## Riveted



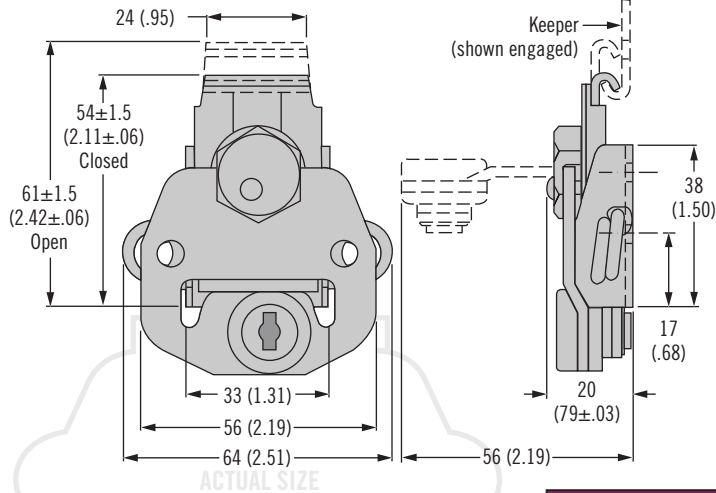
## Keeper



## Spring Loaded



## Key Lockable



Type	Part Number	
	Latch	Keeper
Riveted	K4-2714-07	K4-2338-07
Spring loaded	K4-2359-07	
Key lockable	K4-2833-07	

- Lift and Turn operation
- Consistent pull-up

## Material and Finish

Steel, zinc plated

## Installation Notes

Install assembly with  $\varnothing 4$  (.157) rivets or M4 (No. 8) screws (not supplied)

## Notes

Spring loaded:  
Ideal for applications where shock and vibration occur. Compensates up to 4 (.156) for mounting hole irregularities, panel variations and gasket set.



# K5 Draw Latch

## Rotary

- Lift and Turn operation
- Consistent pull-up

### Material and Finish

Stainless steel or steel, zinc plated

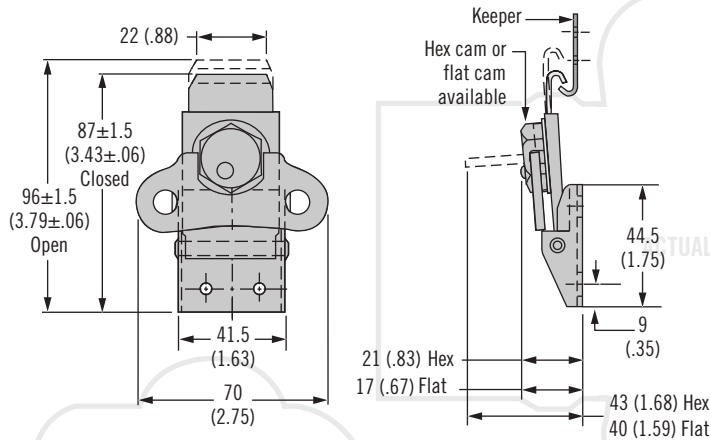
### Installation Notes

Install assembly with  $\varnothing 5$  (3/16) rivets or M5 (No. 10) screws (not supplied)

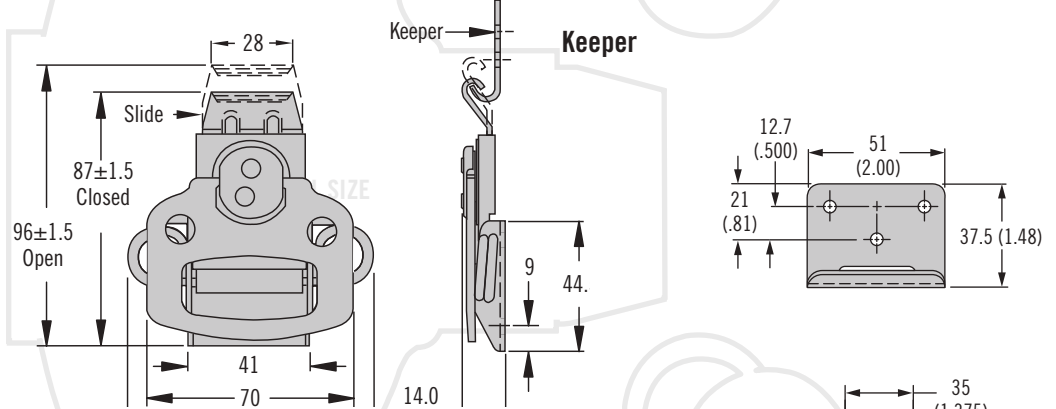
### Notes

Spring loaded and low profile: Ideal for applications where shock and vibration occur. Compensates up to 4 (.16) for mounting hole irregularities, panel variations and gasket set.

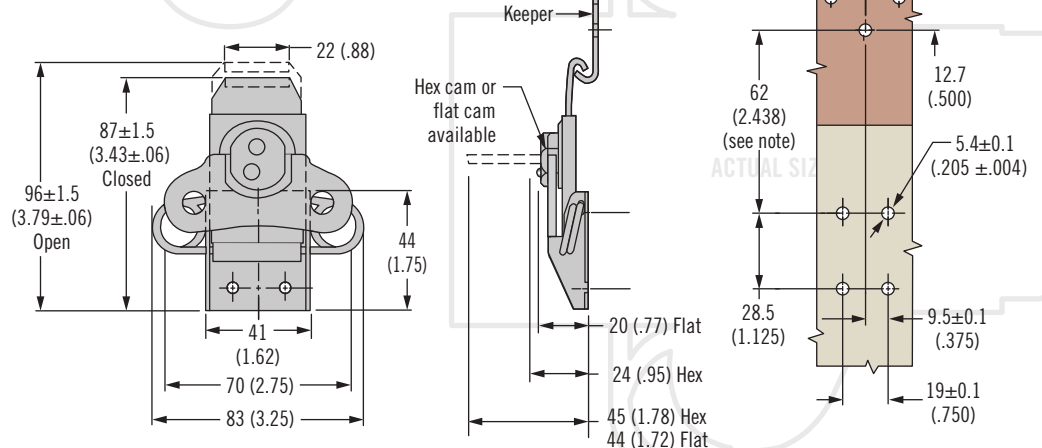
### Riveted (hex cam shown)



### Low Profile (flat cam shown)



### Spring Loaded (flat cam shown)



### Part Number

See table

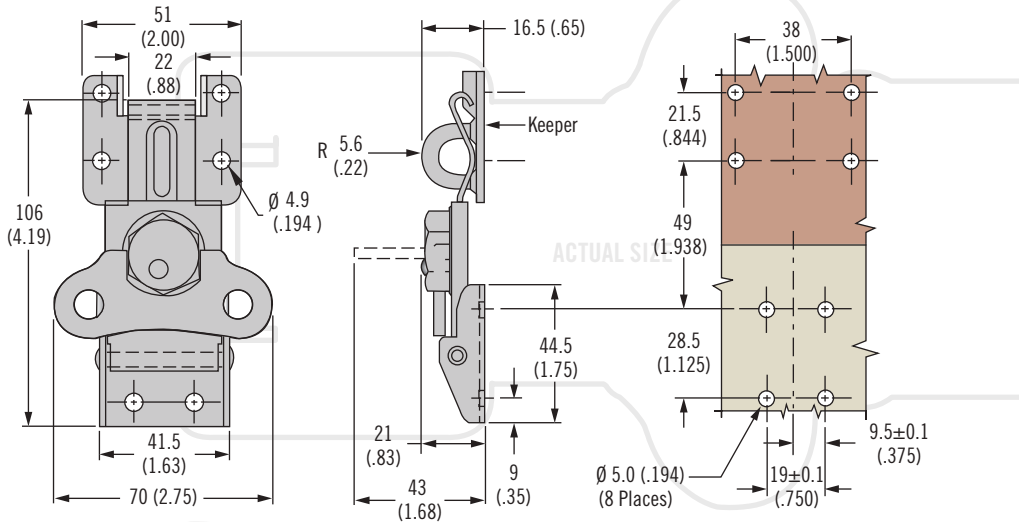
Order latch and keeper separately

Material	Part Number					
	Riveted Hex Cam	Riveted Flat Cam	Low Profile Flat Cam	Spring Loaded Hex Cam	Spring Loaded Flat Cam	Keeper
Steel	K5-2812-07	K5-2857-07	K5-2814-07	K5-2858-07	K5-2856-07	K5-2811-07
Stainless Steel	~	K5-2857-52	~	~	K5-2856-52	K5-2811-52

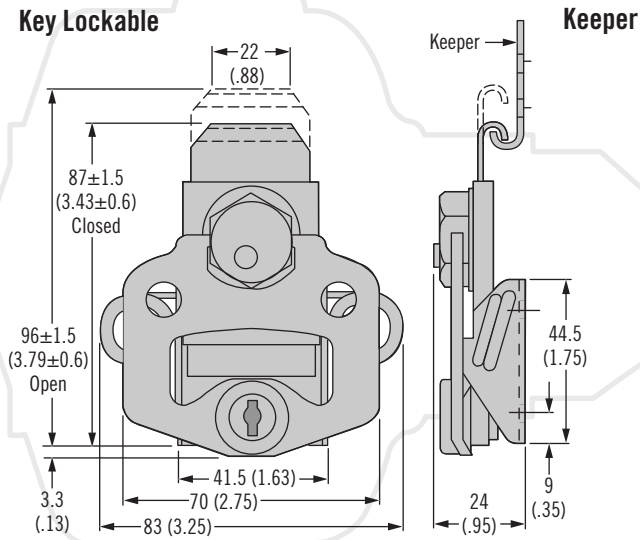
# K5 Draw Latch Rotary



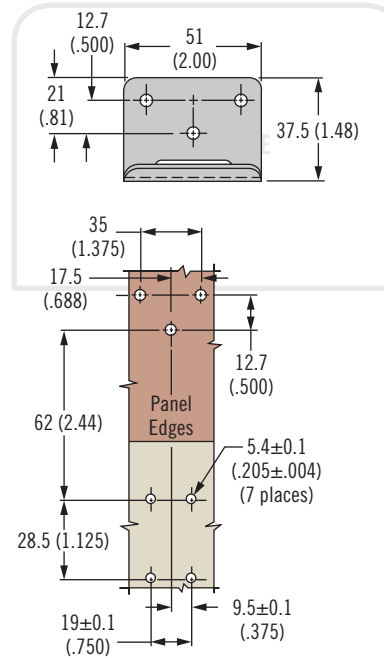
## Padlockable (riveted hex cam shown)



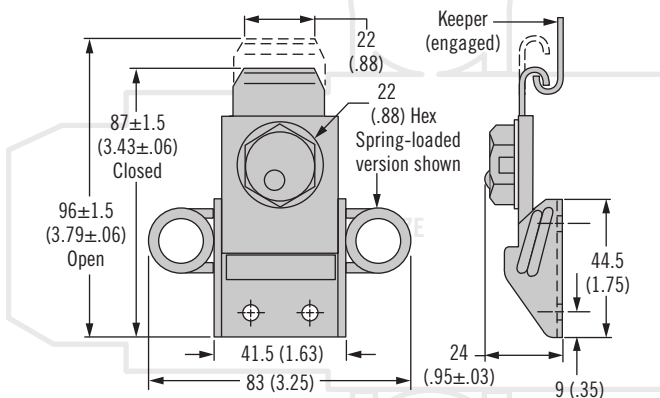
## Key Lockable



## Keeper



## Tool Operated (spring loaded shown)



Latch Part Number	
Padlockable Riveted Hex Cam	K5-2754-07
Padlockable Riveted Flat Cam	K5-1993-07
Padlockable Flat Cam, Spring Loaded	K5-1994-07
Key Lockable	K5-2813-07
Tool Operated, Spring Loaded	K5-2819-07
Tool Operated, Riveted	K5-2818-07
Keeper Part Number	
Keeper	K5-2811-07
Keeper, Padlockable	K5-1736-07

- Lift and Turn operation
- Consistent pull-up

## Material and Finish

Steel, zinc plated

## Installation Notes

Install assembly with  $\varnothing 5$  (3/16) rivets or M5 (No. 10) flat head screws (not supplied)

## Notes

Spring loaded:  
Ideal for applications where shock and vibration occur. Compensates up to 4 (.16) for mounting hole irregularities, panel variations and gasket set.



# R2 Draw Latch

## Concealed · Panel Fastening

- Provides a high strength concealed joint
- Operates quickly with a hex wrench
- Self adjusts to ensure a tight connection

### Material and Finish

Steel, galvanized

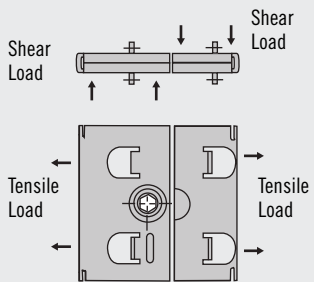
### Performance Details

Tab, Shallow, and Mortise Mount:

Average ultimate tensile load:  
6200 N (1400 lbf)

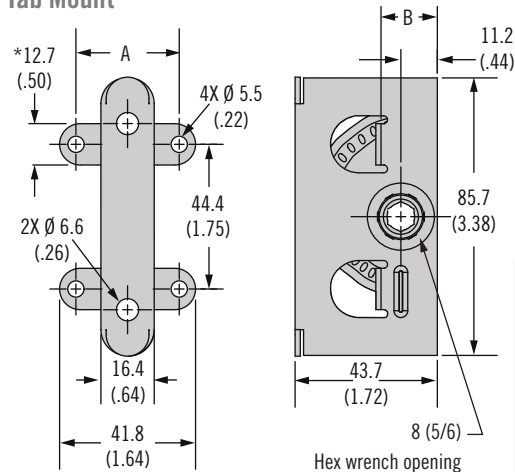
Average ultimate shear load:  
8900 N (2000 lbf)

Front Mount: Average ultimate  
tensile load: 4000 N (900 lbf)

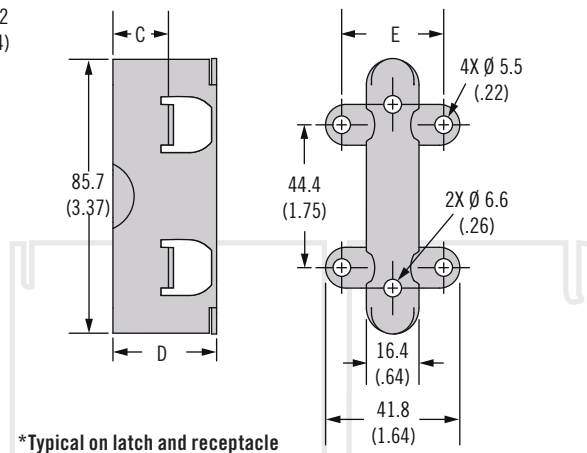


### Latch

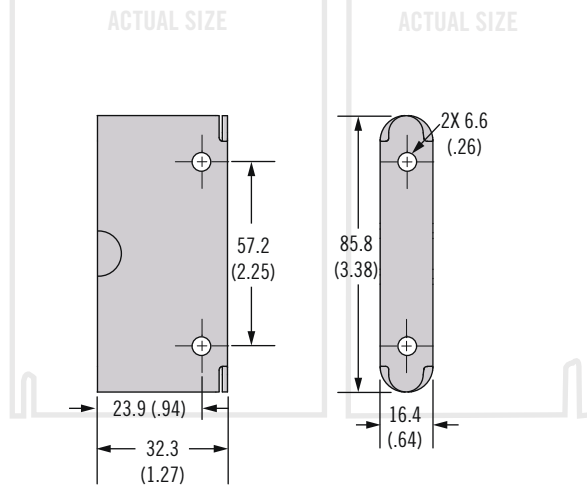
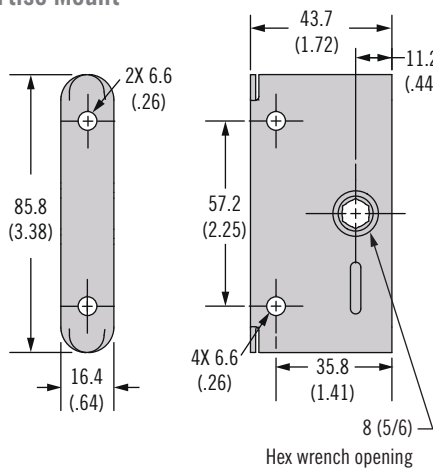
#### Tab Mount



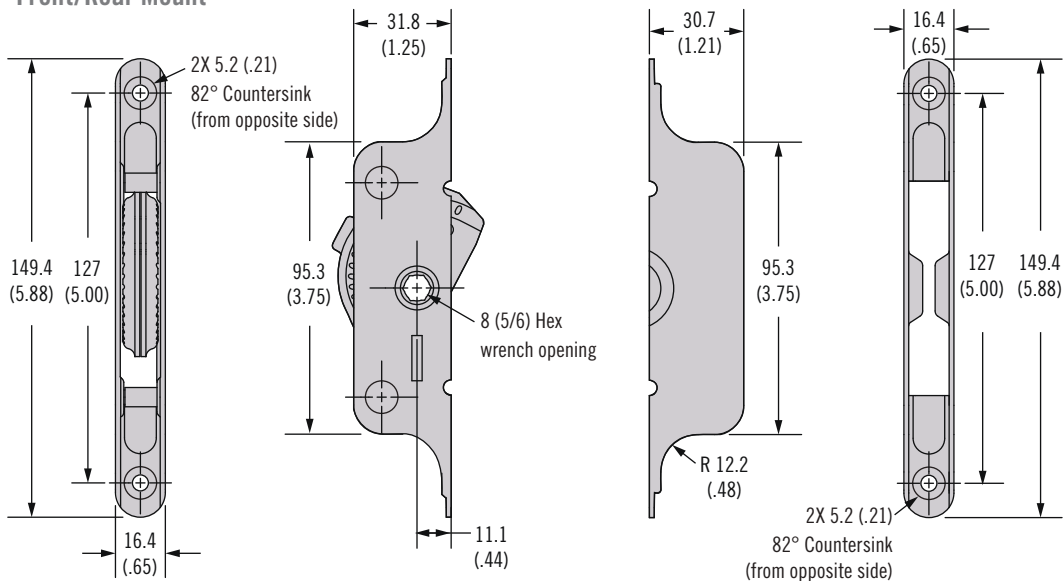
### Receptacle



#### Mortise Mount



#### Front/Rear Mount

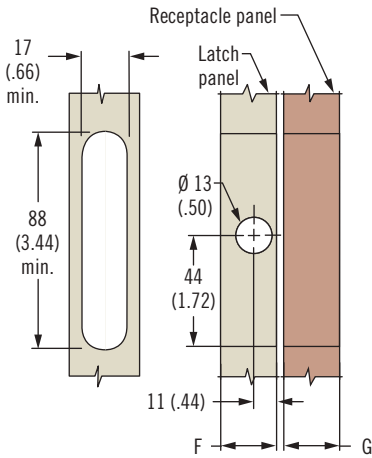


# R2 Draw Latch

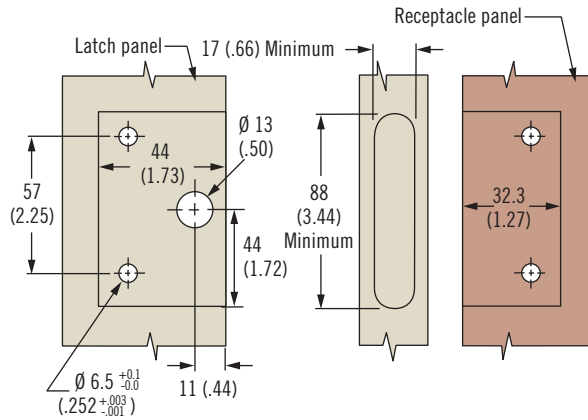
## Concealed · Panel Fastening



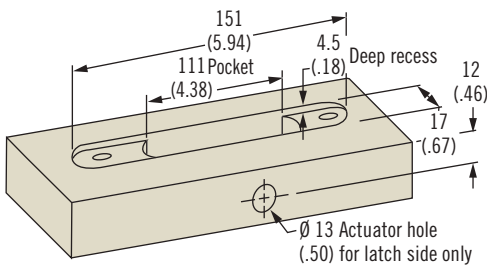
### Tab Mount



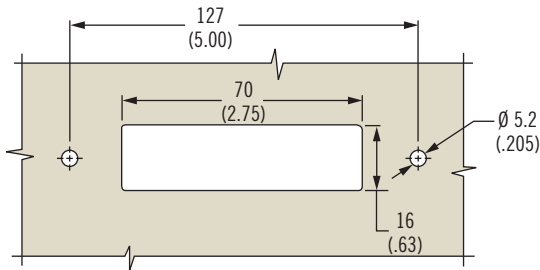
### Mortise Mount



### Front Mount



### Rear Mount



### Installation Notes

**Tab Mount:** Install with  $\varnothing 5$  (.205) rivets or M5 (No. 10) screws (not supplied)

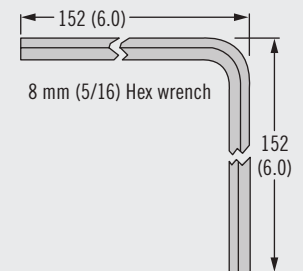
**Mortise Mount:** Install with  $\varnothing 6$  (1/4) rivets or M6 (1/4) screws (not supplied). A 1.6 (.06) gap should be maintained between latch and receptacle.

**Front Mount - Wood application:** Install with M5 (No. 10) flat head screws (not supplied). Note: Latch strength is dependant on mounting hardware and installation material

**Rear Mount - Metal application:** Install with 5 (.196) flathead rivets or M5 (No. 10) screws. Note: Maximum metal panel thickness should be 2.5 (.10)

### Accessories

Actuation tool  
Part number: 29-0059-02



Mounting Style	Part Number	A	B	C	D	E	F	G
Shallow Tab Mount	Latch R2-0259-17	31.8 (1.25)	17.3 (.68)	17.3 (.68)	32.3 (1.27)	31.8 (1.25)	19 (.75)	19 (.75)
	Receptacle R2-0257-17							
Deep Tab Mount	Latch R2-0169-17	28.7 (1.13)	30.2 (1.19)	38.1 (1.50)	52.1 (2.05)	28.7 (1.13)	32 (1.25)	38 (1.5)
	Receptacle R2-0160-17							
Mortise Mount	Latch R2-0055-17							
	Receptacle R2-0002-17							
Front/Rear Mount	Latch R2-0267-17							
	Receptacle R2-0268-17							

### Part Number

See table  
Order latch and receptacle separately



# R5 Draw Latch

## Concealed · Mortise Mount

- High tensile load
- Consistent pull-up
- Concealed installation

### Material and Finish

Steel, zinc galvanized

### Performance Details

Average ultimate tensile load:  
11,100 N (2500 lbf)

Average ultimate shear load:  
68,180 N (15,327 lbf)

### Installation Notes

Install assembly with  $\varnothing 6$  (1/4) rivets or M6 (1/4) screws (not supplied)

### Accessories

Actuation tool

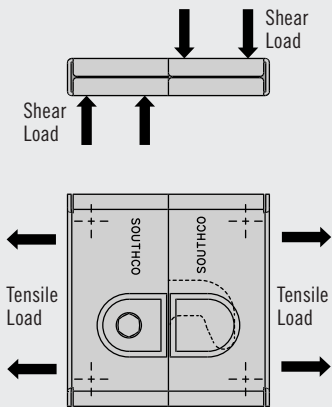
Part number: 29-0059-02

### Notes

Operating force

To open: 4 N·m (35 in·lbf)

To close: 4 N·m (35 in·lbf)

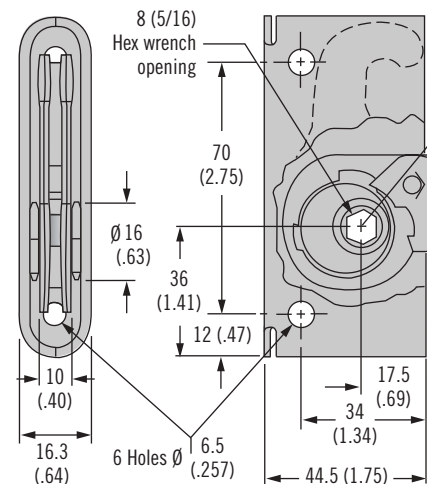


### Part Number

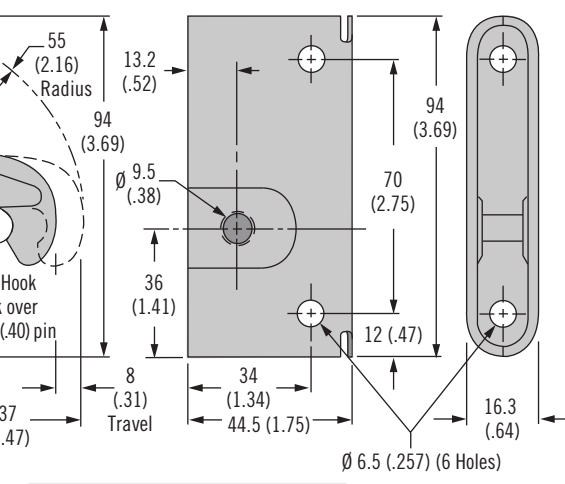
See table

Order latch and receptacle separately

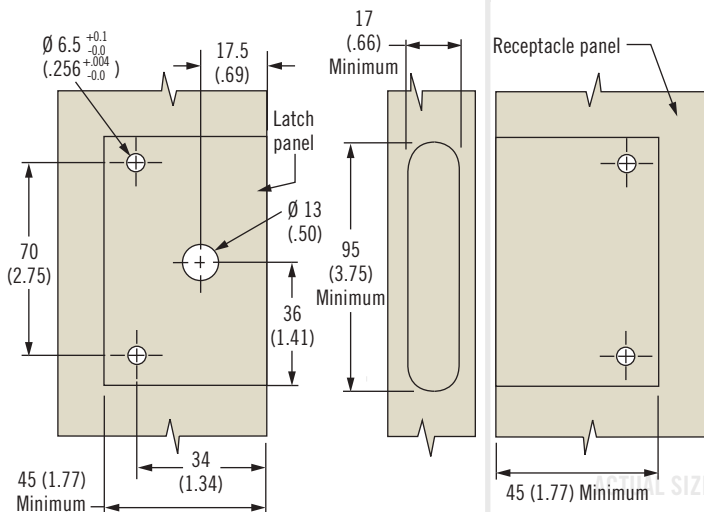
### Latch



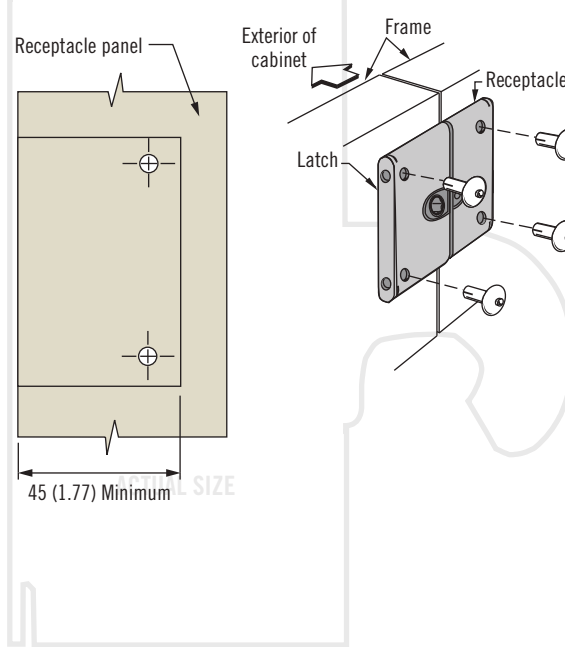
### Receptacle



### Recessed Pocket

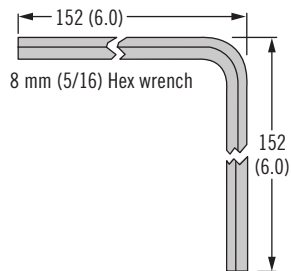


### Side Mount



### Accessories

#### Actuation Tool



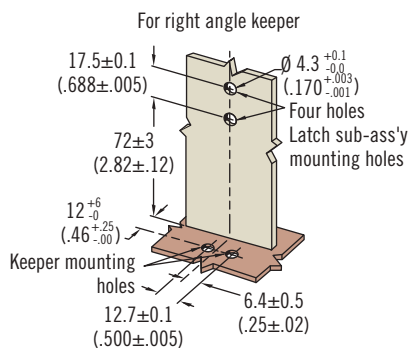
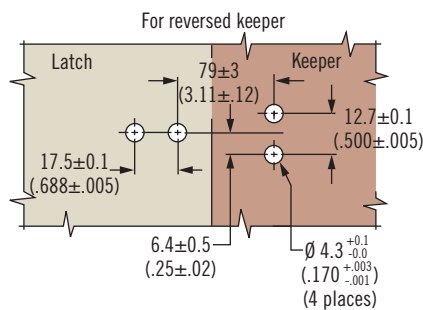
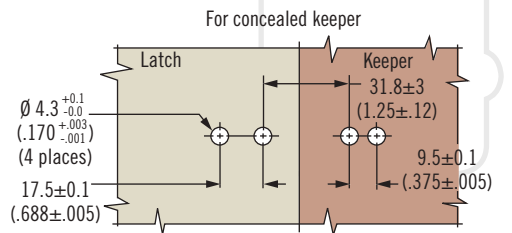
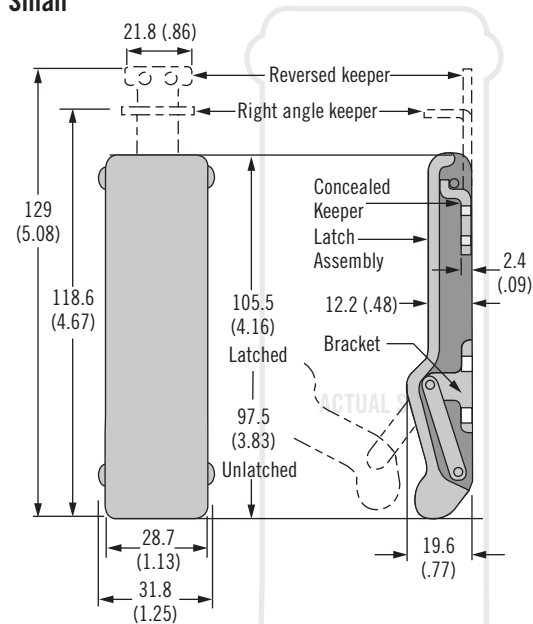
Part Number	
Latch	Receptacle
R5-0074-17	R5-0079-17

# C7 Draw Latch

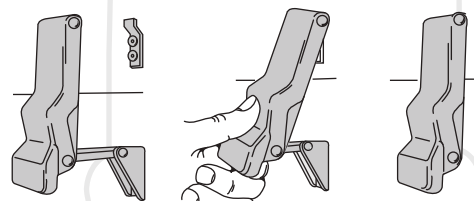
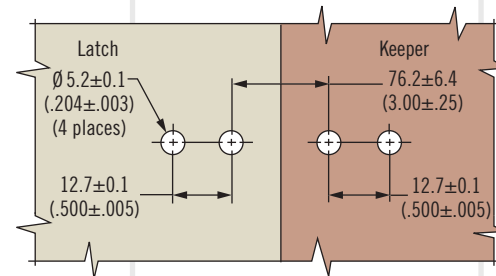
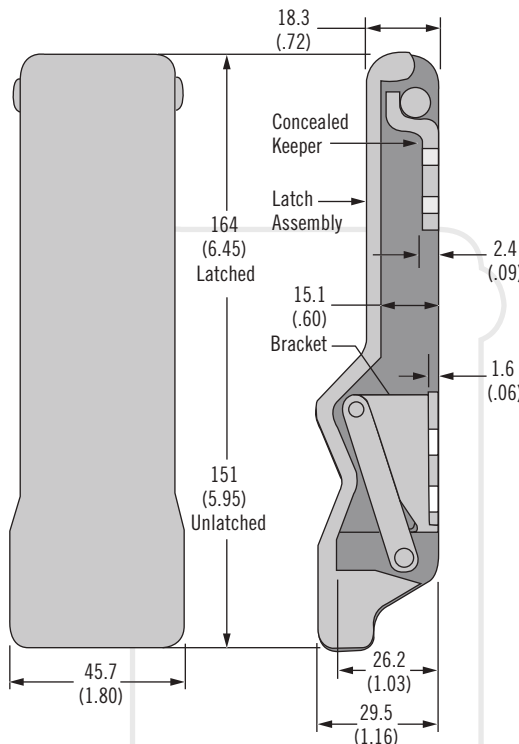
Flexible · Over-center



## Small



## Large



Size	Keeper Style	Assembly Part Number
Small	Concealed	C7-10
	Reverse Keeper	C7-11
	Right Angle Keeper	C7-12
Large	Concealed	C7-20

- Low profile design
- Non-corrosive materials
- Cushions impact and accommodates misalignment

### Material and Finish

Latch:  
Thermoplastic elastomer, black  
Link and bushings:  
Glass-filled nylon  
Keeper and bracket: Stainless steel

### Performance Details

Small:  
Clamping force: 49 N (11 lbf)

Large:  
Clamping force: 176 N (40 lbf)

Flammability rating: UL94-HB

### Installation Notes

Small:  
Install assembly with four Ø 4 (.170) rivets or M4 (No. 8) screws (not supplied)

Large:  
Install assembly with four Ø5 (.204) rivets or M5 (No. 10) screws (not supplied)

### Part Number

See table  
Assembly complete with keeper



## 37 Draw Latch

Flexible · Over-center · Lever assist

- Flexible body compensates for misalignment
- Absorbs and reduces vibration
- Detent lever resists accidental opening

### Material and Finish

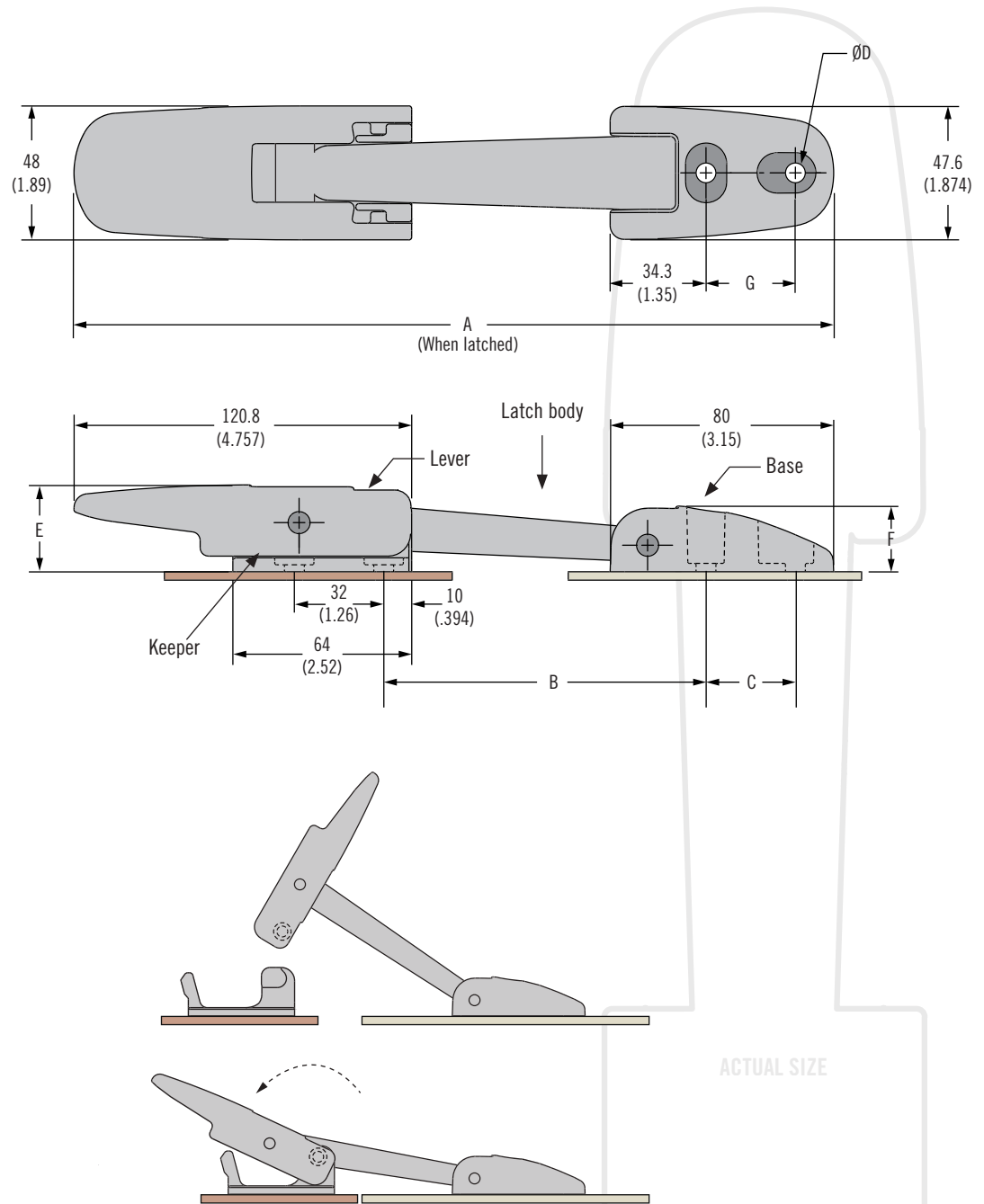
EPDM rubber and glass-filled nylon black with stainless steel pins

### Performance Details

Clamping forces up to 475N (107lbf)

### Installation Notes

For  $\varnothing D = 5.5$ , install using M5 (No. 10) screws  
 For  $\varnothing D = 6.6$ , install using M6 (1/4) screws  
 (not supplied)



### Part Number

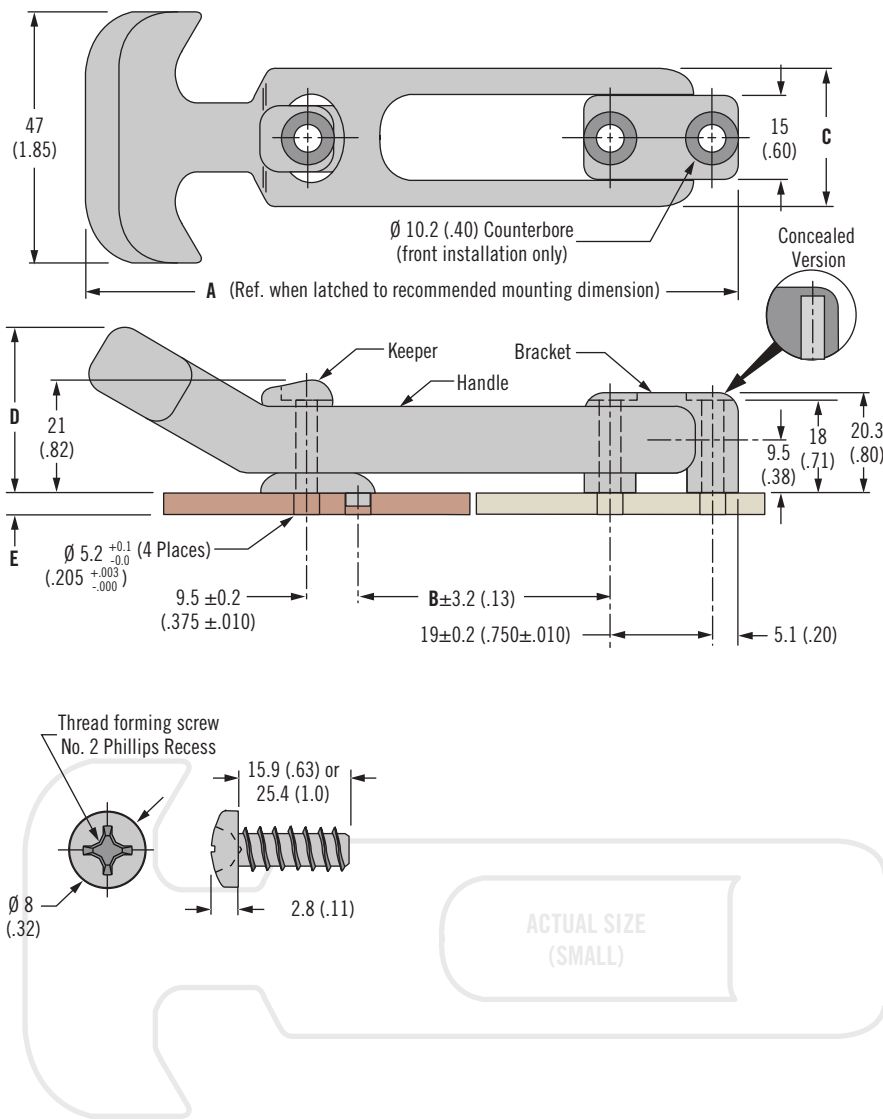
See table

Assembly complete with keeper

Part Number	Nominal Clamp Force N (lbf)	Dimensions					
		A	B	C	$\varnothing D$	E	F
37-30-294-60	110 (25)	254 (10)	97 (3.82)	25.4 (1.00)	5.5 (.217)	31.1 (1.22)	23.5 (.93)
37-30-297-60	190 (43)	379 (15)	222 (8.74)				
37-40-295-60	350 (79)	300 (12)	144 (5.67)	32 (1.25)	6.6 (.260)	38.6 (1.52)	29 (1.14)
37-40-305-60	475 (107)						

# F7 Draw Latch

## Flexible · Pull type



- Flexible one piece molded latch
- UV resistant
- Absorbs and reduces vibration

### Material and Finish

Thermoplastic elastomer and glass-filled nylon, black  
Screw: Stainless steel, passivated

### Performance Details

Clamping force  
Small: 58 N (13 lbf)  
Medium: 84 N (19 lbf)  
Large: 98 N (22 lbf)  
Flammability rating: UL94-HB

### Installation Notes

Concealed:  
Install assembly with thread forming screws (order separately).  
Maximum tightening torque 2.0 N $\cdot$ m (18 in $\cdot$ lbf)  
Front installation:  
Install assembly with M5 (No. 10) screw or  $\varnothing 5$  (3/16) rivet (not supplied)

Size	Part Number			Installation Method	Dimensions				
	Latch	Keeper	Screws (3 per bag)		E	A	B	C	D
Small	F7-530	F7-537	~	Front	~	112 (4.81)	41 (1.6)	25.4 (1.00)	31 (1.23)
	F7-540	F7-547	F7-548-3	Concealed (thread forming)	up to 8.0 (.32)				
			F7-558-3	Concealed (thread forming)	8.1 - 17.5 (.32 - .69)				
Medium	F7-630	F7-537	~	Front	~	167 (6.6)	72 (2.83)	32 (1.25)	29 (1.13)
	F7-640	F7-547	F7-548-3	Concealed (thread forming)	up to 8.0 (.32)				
			F7-558-3	Concealed (thread forming)	8.1 - 17.5 (.32 - .69)				
Large	F7-730	F7-537	~	Front	~	221 (8.7)	117 (4.6)	32 (1.25)	29 (1.13)
	F7-740	F7-547	F7-548-3	Concealed (thread forming)	up to 8.0 (.32)				
			F7-558-3	Concealed (thread forming)	8.1 - 17.5 (.32 - .69)				

### Part Number

See table  
Order latch, keeper and screws (if required) separately



# 37 Draw Latch

Flexible · Pull type · Tab handle

- Flexible one piece molded latch

### Material and Finish

Small:

EPDM rubber and stainless steel

Medium:

EPDM rubber and steel, zinc plated

### Performance Details

Small:

Average clamping force:

20.9 N (4.7 lbf)

Medium:

Average clamping force:

26.2 N (5.9 lbf)

Operating temperature range:

-20°C (0°F) to 95°C (200°F)

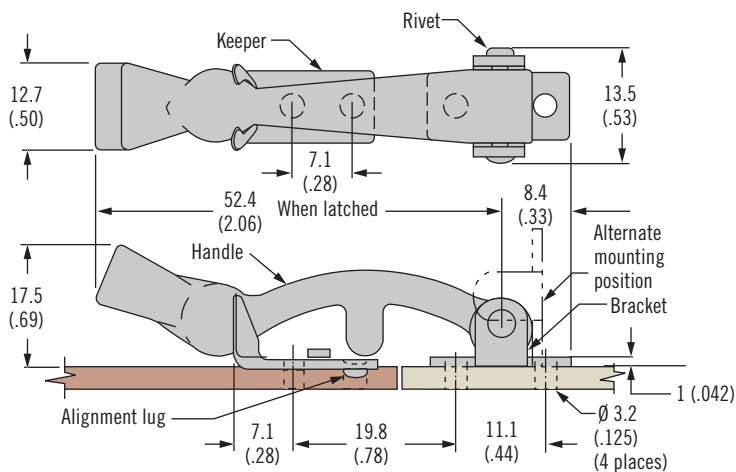
### Installation Notes

Install assembly with four  $\varnothing 3$  (.125)

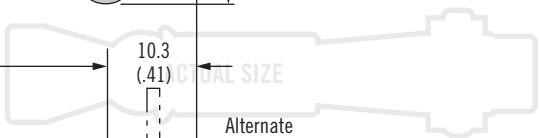
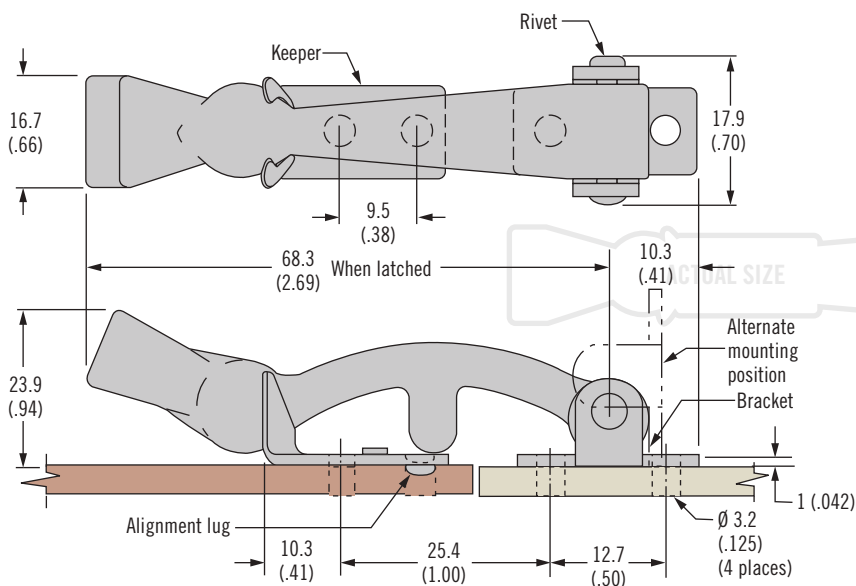
rivets or M3 (No. 4) screws

(not supplied)

### Small



### Medium



### Part Number

See table

Assembly complete with keeper

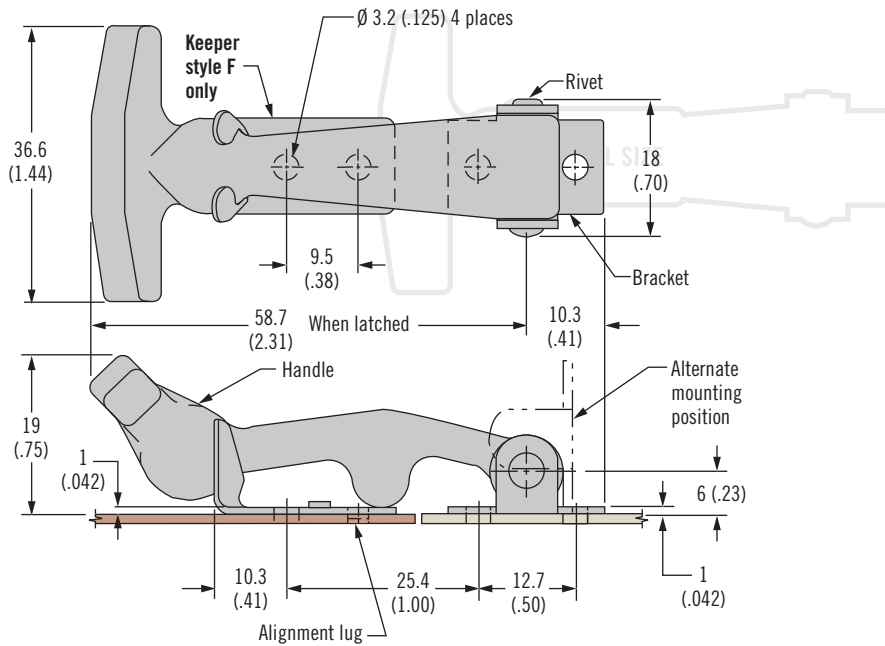
Part Number		
Series	Steel	Stainless Steel
Small	~	37-10-051-20
Medium	37-10-061-10	~

# 37 Draw Latch

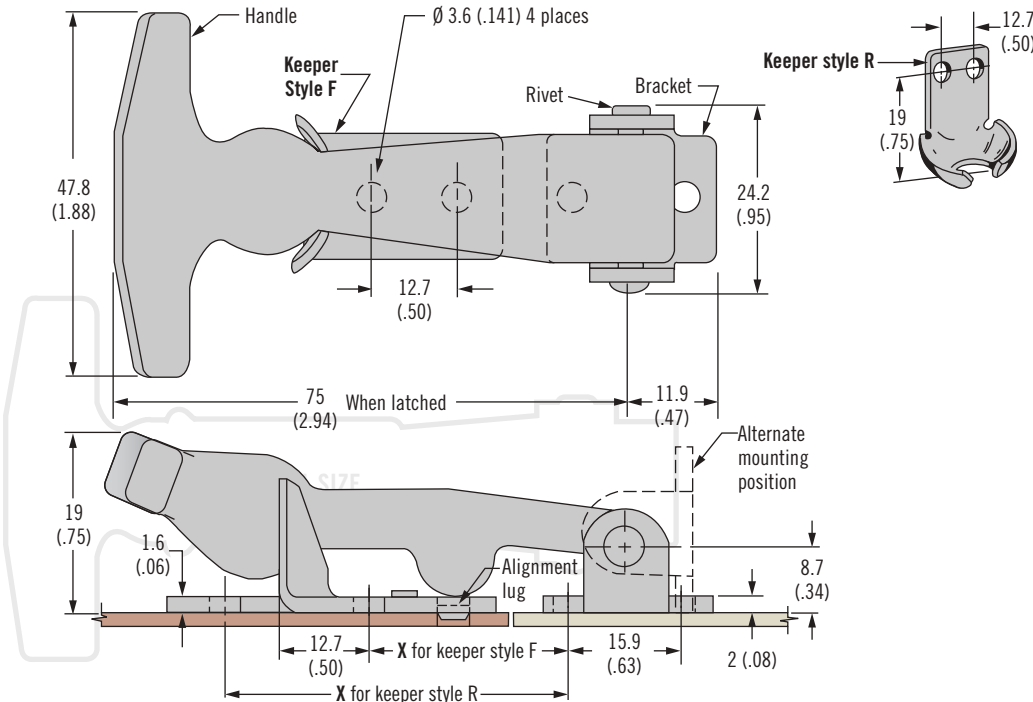
Flexible · Pull type · T-handle



## Small



## Medium



Small Size Part Number	
Steel	Stainless Steel
37-10-065-10	37-10-065-20

Medium Size Part Number				
Keeper Style	X	Latch Shipped Assembled		Latch Shipped Unassembled
		Steel	Stainless Steel	Steel
F	31.8 (1.25)	37-10-071-10	37-10-071-20	37-10-072-10
R	56.4 (2.22)	37-20-071-10	37-20-071-20	37-20-072-10

- Flexible one piece molded latch

### Material and Finish

EPDM rubber and stainless steel or steel, zinc plated

### Performance Details:

Average clamping force:

Small: 26 N (6 lbf)

Medium: 39 N (8.7 lbf)

Operating temperature range:

-20°C (0°F) to 95°C (200°F)

### Installation Notes

Small:

Install assembly with four Ø 3 (.125) rivets or M3 (No. 4) screws (not supplied)

Medium:

Install assembly with four Ø 3.6 (.141) flat head rivets or M3.5 (No. 5) screws (not supplied)

### Part Number

See table

Assembly complete with keeper



# 37 Draw Latch

Flexible · Pull type · T-handle

- Flexible one piece molded latch

## Material and Finish

EPDM rubber and stainless steel

## Performance Details

Average clamping force:

49 N (11 lbf)

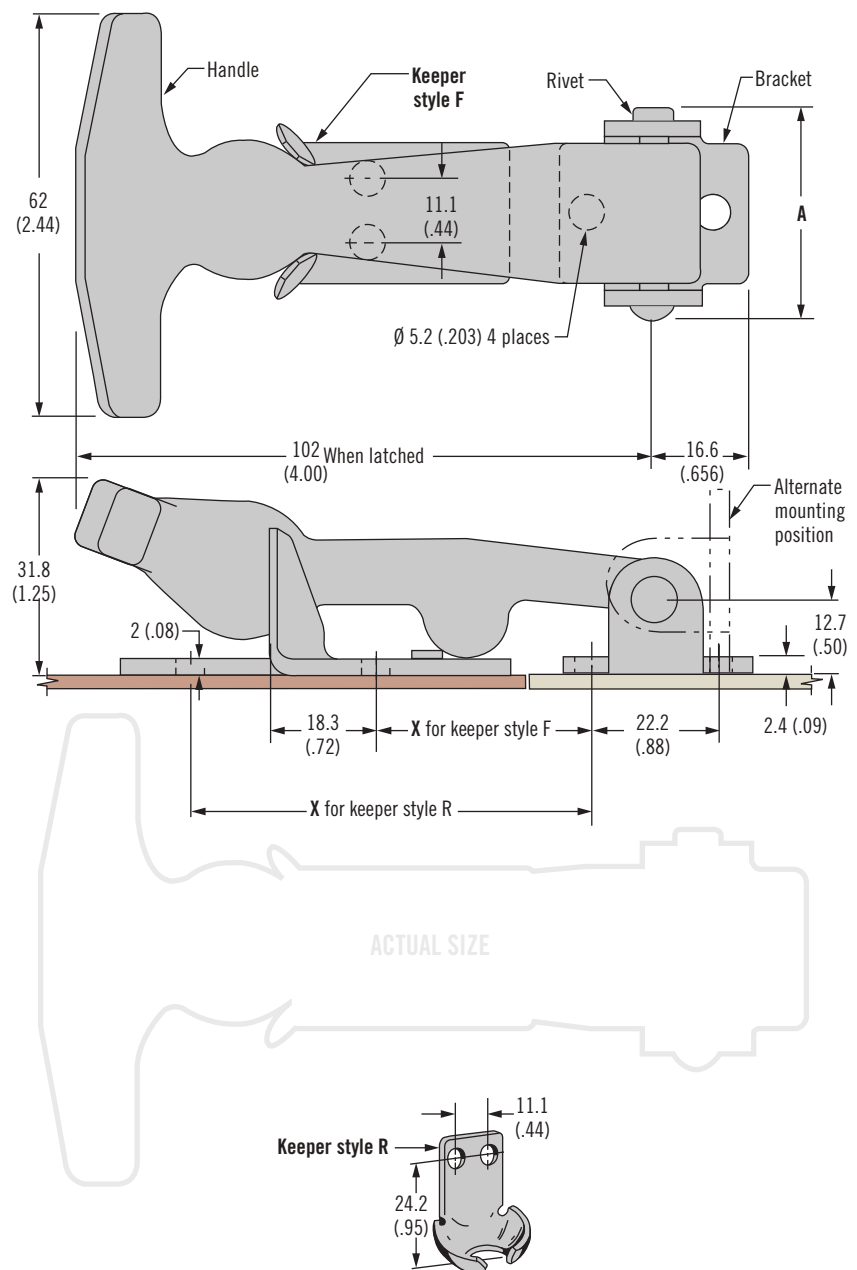
Operating temperature range:

-20°C (0°F) to 95°C (200°F)

## Installation Notes

Install assembly with four  $\varnothing$  5(.188) rivets or M5 (No. 10) screws (not supplied)

Large



## Part Number

See table

Assembly complete with keeper

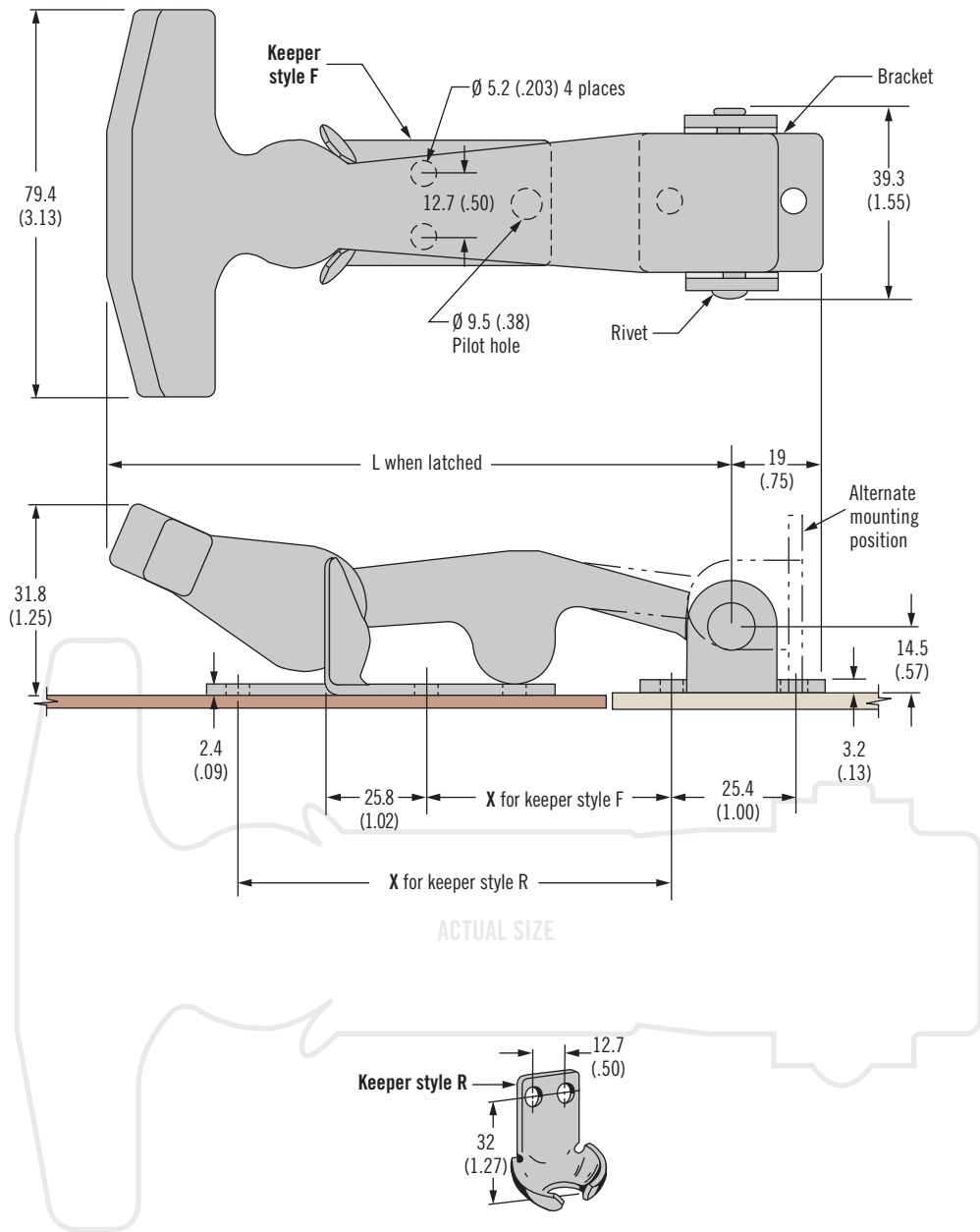
Part Number						
Keeper Style	X	Latch shipped assembled			Latch shipped unassembled	
		A	Steel	Stainless Steel	A	Steel
F	38.1 (1.50)	31.8 (1.25)	37-10-086-10	37-10-086-20	34 (1.34)	37-10-087-10
R	73 (2.88)		37-20-086-10	37-20-086-20		37-20-087-10

# 37 Draw Latch

Flexible · Pull type · T-handle



## Extra Large



- Flexible one piece molded latch

### Material and Finish

EPDM rubber and stainless steel or steel, zinc plated

### Performance Details

Average clamping force: 84 N (19 lbf)

Operating temperature range:

-20°C (0°F) to 95°C (200°F)

### Installation Notes

Install assembly with four  $\varnothing 5$  (.188) rivets or M5 (No. 10) screws (not supplied)

Part Number						
Series	Keeper Style	L	X	Latch Shipped Assembled		Latch Shipped Unassembled
				Steel	Stainless Steel	Steel
100	F	130.2 (5.13)	50.8 (2.00)	37-10-101-10	37-10-101-20	37-10-102-10
	R		90.5 (3.56)	37-20-101-10	37-20-101-20	37-20-102-10
130	F	247.7 (9.75)	165.1 (6.50)	37-10-131-10	37-10-131-20	~
	R		204.8 (8.06)	37-20-131-10	37-20-131-20	~

### Part Number

See table

Assembly complete with keeper