



V7 Draw Latch

Over-center · Stainless steel

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

Material and Finish

316 Grade stainless steel
electropolished

Performance Details

Maximum working load:
1200 N (270 lbf)

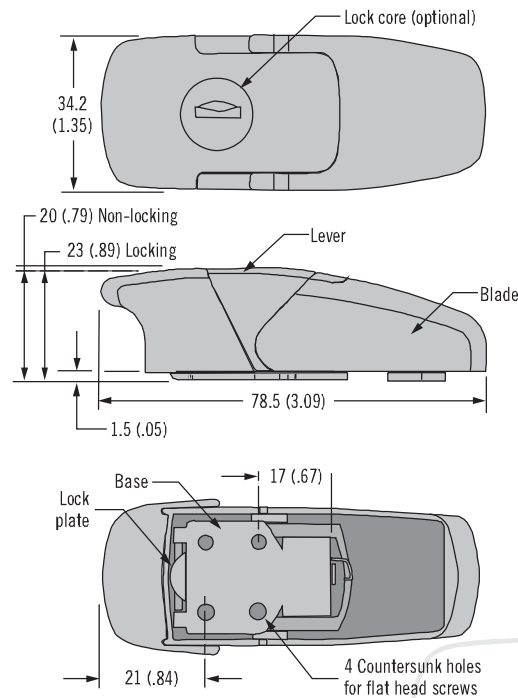
Installation Notes

Install assembly with six M3 (No. 4) flat head screws (not supplied)

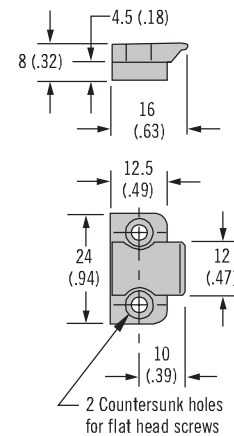
Keys

Overmolded key S008 (pair)
Part number: M1-525-39-S008

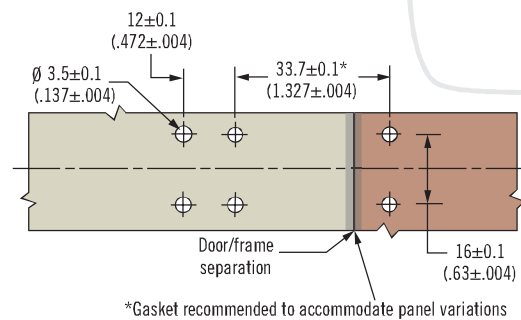
Latch



Keeper



ACTUAL SIZE



Part Number

See table

Assembly complete with keeper

Description	Part Number
Non-locking	V7-20-101-24
Locking keyed alike key code S008 (2 keys supplied)	V7-20-111-24



www.southco.com/V7

Dimensions in millimeters (inch) unless otherwise stated

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V7 Draw Latch

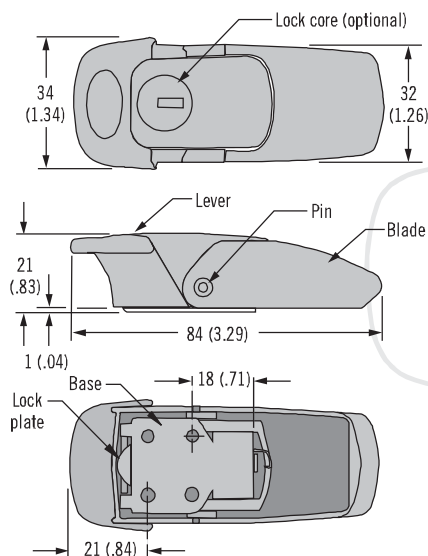
Over-center · Zinc alloy



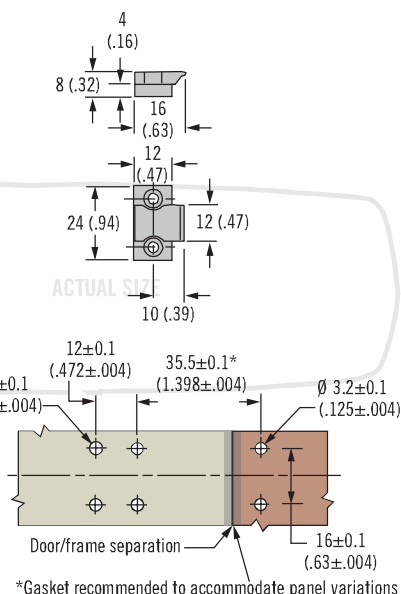
281

Latch

Large

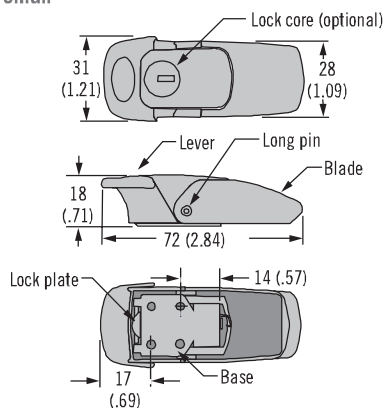


Keeper

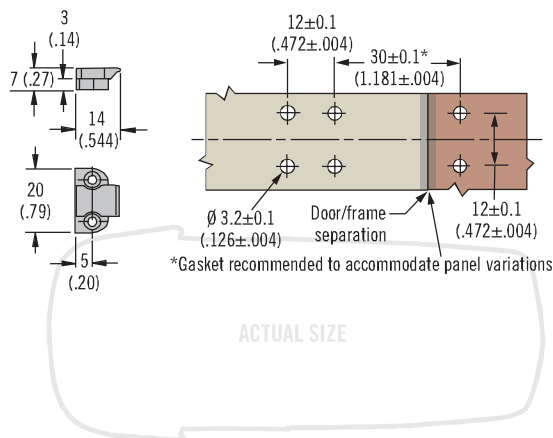


Latch

Small



Keeper



Description	Part Number		
	Bright Chrome	Part Number	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
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

- 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 assembly with six M3 (No. 4) flat head screws (not supplied)

Keys

Key code S010 (pair)

Part number: V7-KEYS

Part Number

See table

Assembly complete with keeper

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/V7



97 Draw Latch

Over-center

- Compact latch
- Multiple keeper options for application variances

Material and Finish

Stainless steel or steel, zinc plated

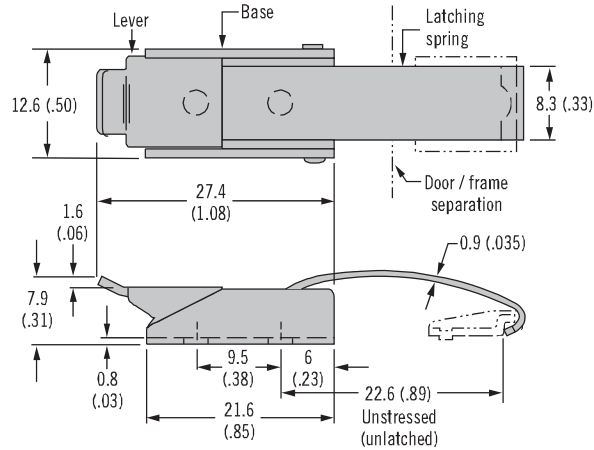
Performance Details

Clamping force: 135 N (30 lbf)

Installation Notes

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

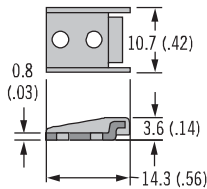
For peg style keeper use M3 (No. 4) flat head screws or rivets



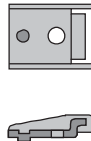
ACTUAL
SIZE

Keepers

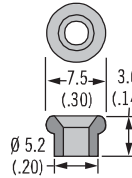
Concealed
2 Hole



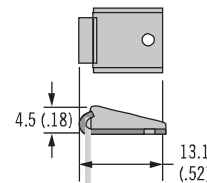
Concealed
1 Hole 1 Lug



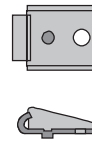
Single Hole
Peg Style



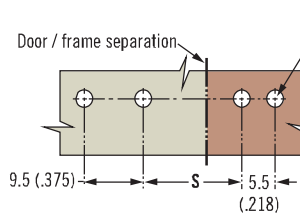
Exposed
Single Hole



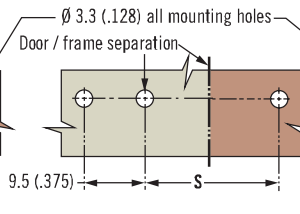
Exposed
1 Hole 1 Lug



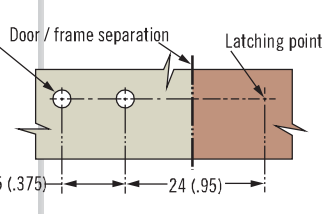
Two Hole Keepers



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
S Dimension		14.7 (.58)	14.7 (.58)	21.8 (.86)	33 (1.30)	27.4 (1.08)

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/97

Dimensions in millimeters (inch) unless otherwise stated

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97 Draw Latch

Over-center

- Multiple keeper options for application variances

Material and Finish

Steel, zinc plated or steel powder coated black

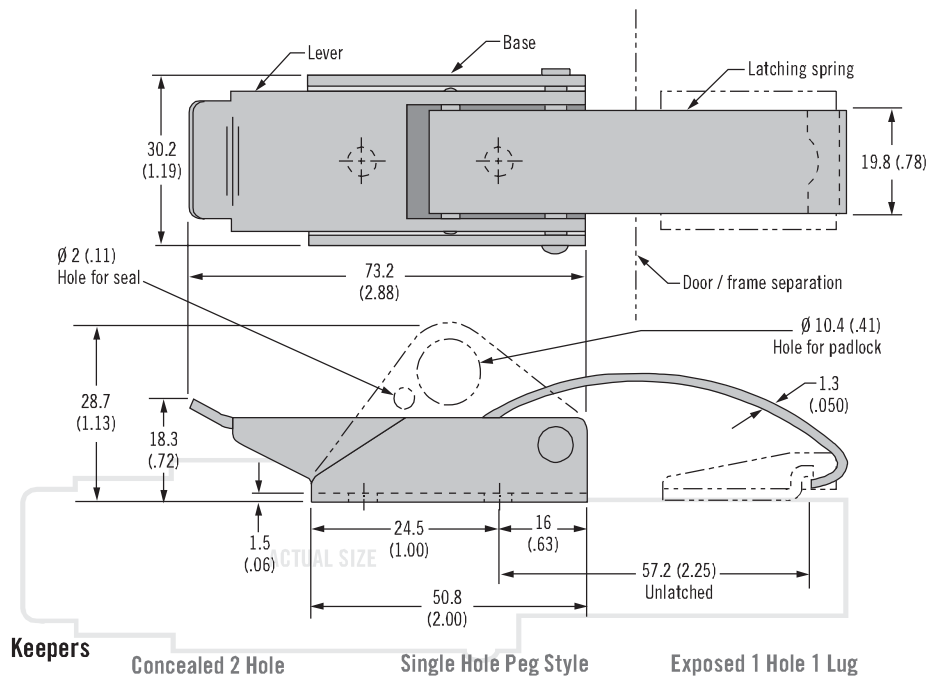
Performance Details

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

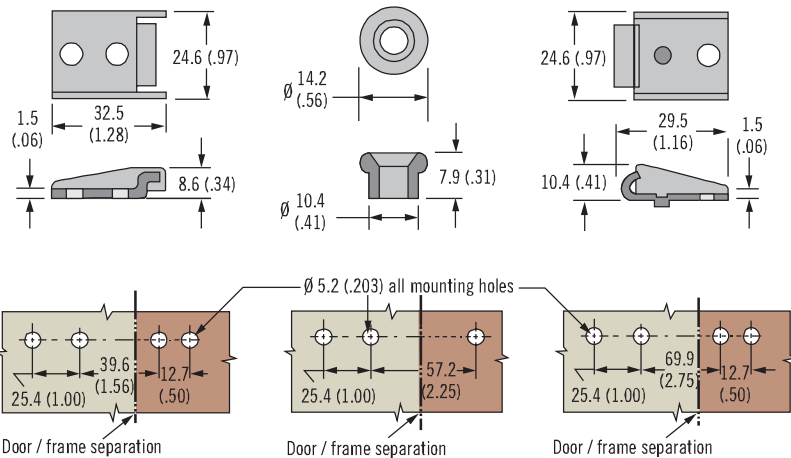


Keepers

Concealed 2 Hole

Single Hole Peg Style

Exposed 1 Hole 1 Lug



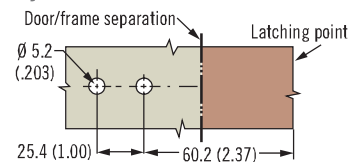
Part Number

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

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/97

Dimensions in millimeters (inch) unless otherwise stated

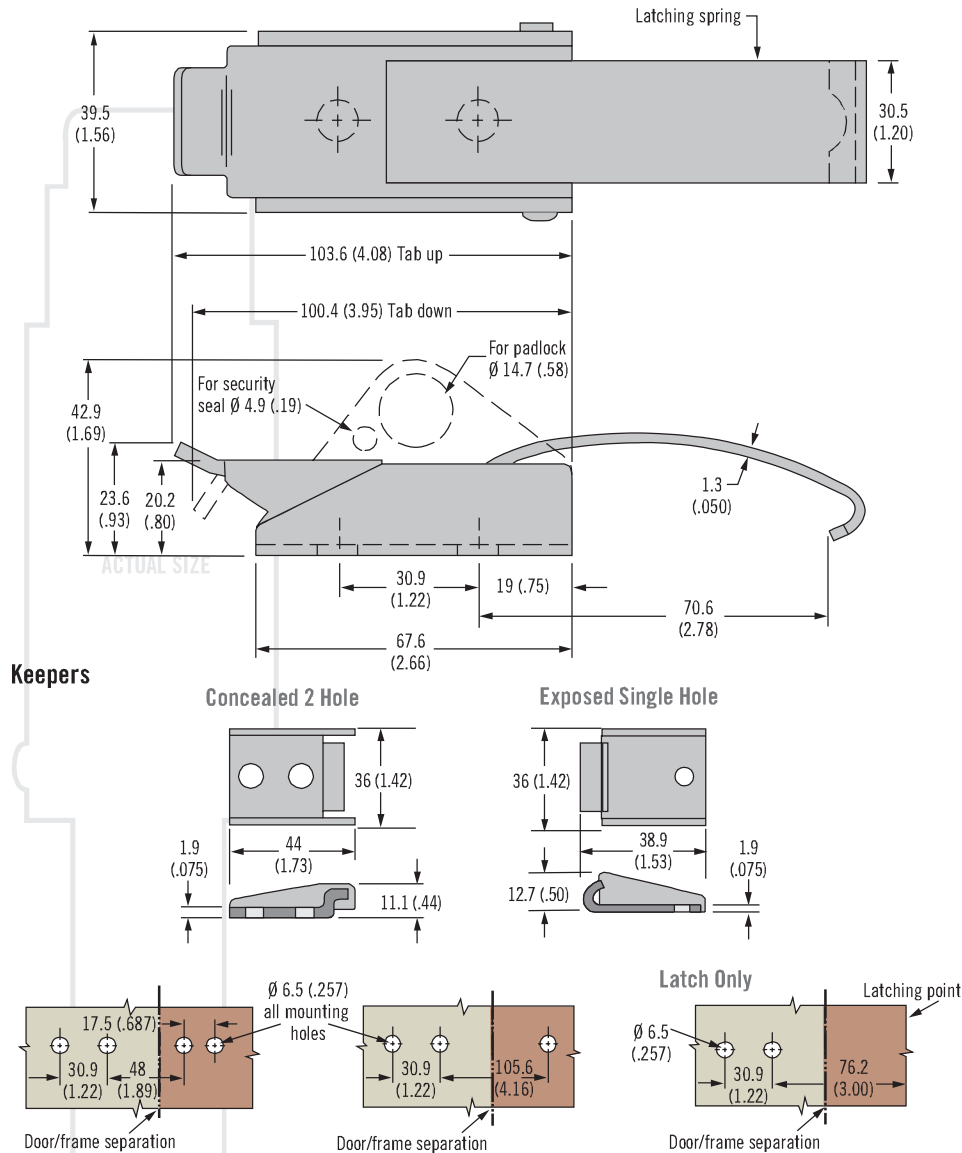
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97 Draw Latch

Over-center



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- 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

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

Part Number

See table

Order latch and keeper separately



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

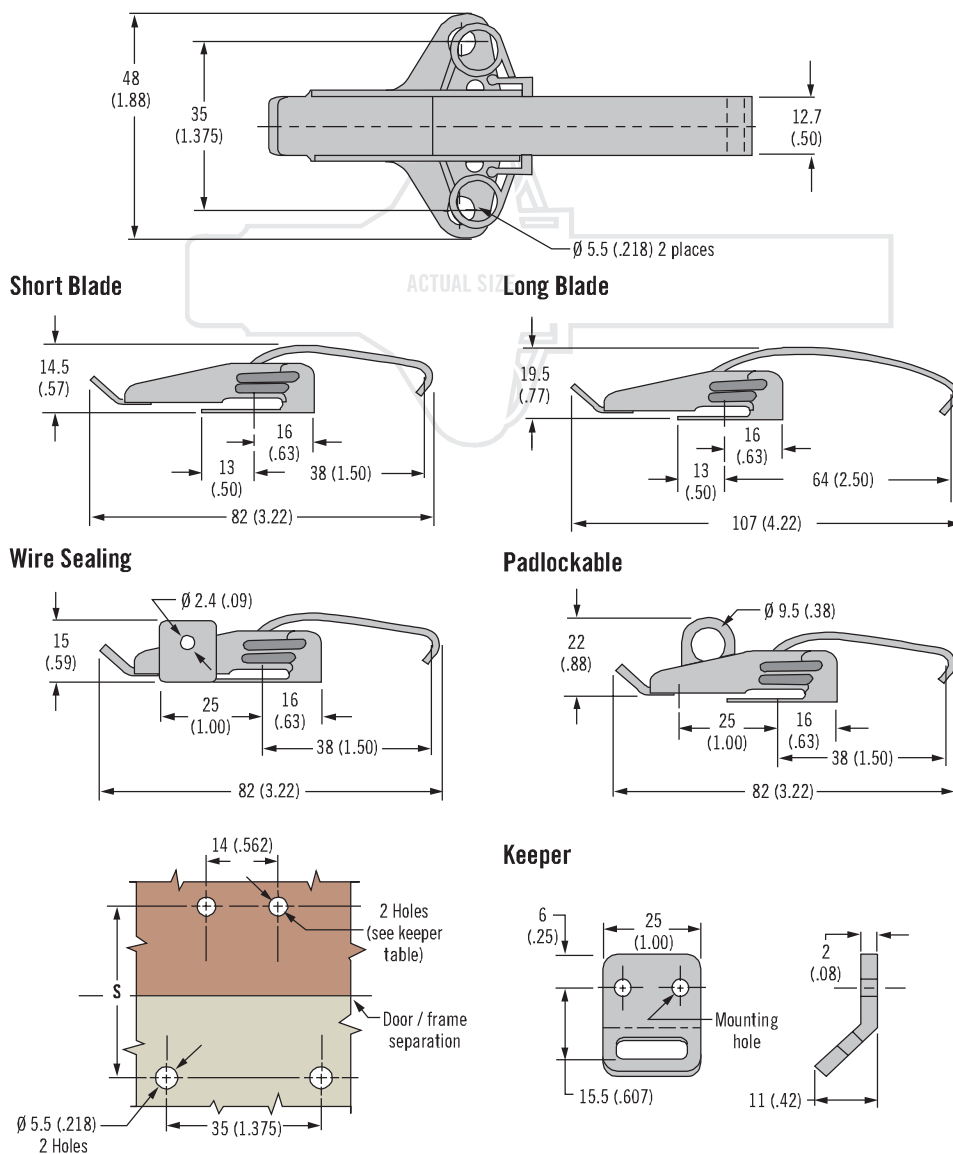
Clamping force:

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



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	$\varnothing 3.4$ (.135) mounting holes			V2-0018-07	V2-0018-52
	$\varnothing 5.5$ (.218) mounting holes			V2-0054-07	V2-0054-52

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/V2

Dimensions in millimeters (inch) unless otherwise stated

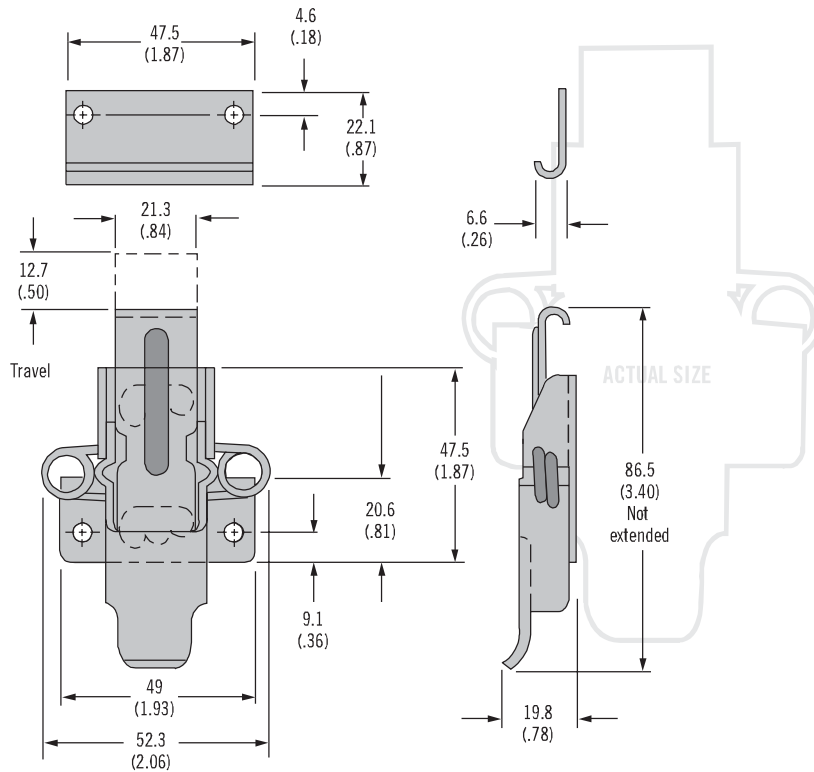
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V4 Draw Latch

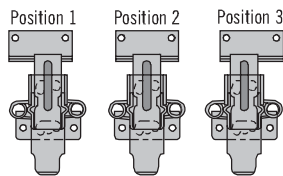
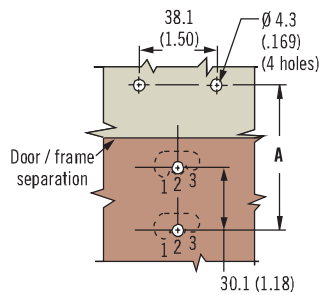
Over-center



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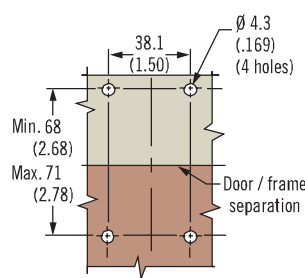


Adjustable Installation



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)

Fixed Installation



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

- 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

Part Number

See table

Order latch and keeper separately

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/V4



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)

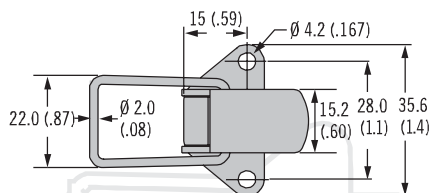
Installation Notes

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

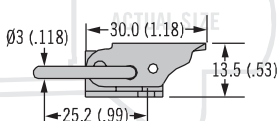
Notes

Order keepers separately, see page 290

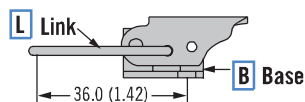
Exposed Mounting Holes



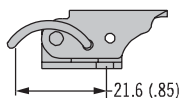
Heavy-Duty



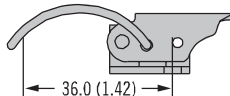
Flat Wire Link



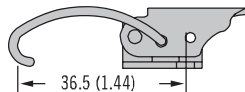
Short Curved Wire Link



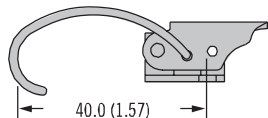
Long Curved Wire Link



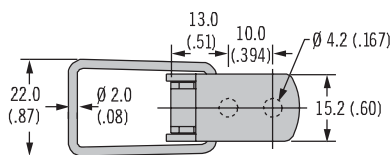
Shallow Hook Link



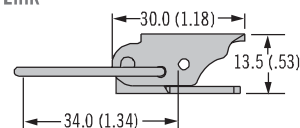
Deep Hook Link



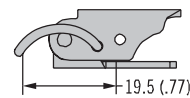
Concealed Mounting Holes



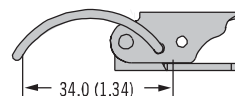
Flat Wire Link



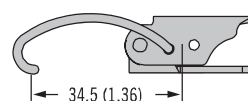
Short Curved Wire Link



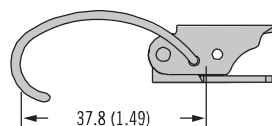
Long Curved Wire Link



Shallow Hook Link



Deep Hook Link



Part Number Selection

Latch only

See page 290 for keepers

Link style

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

Finish

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

TL - 20 - B 0 L - F

Base type

- 1 Exposed
- 2 Concealed

Dimensions in millimeters (inch) unless otherwise stated

Other options available. For complete details on variety, part numbers, installation and specification, go to



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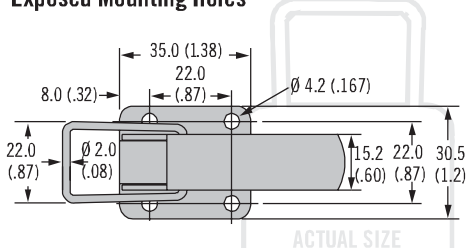
TL Draw Latch

Over-center · Wire bail

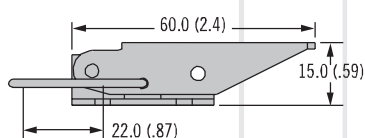


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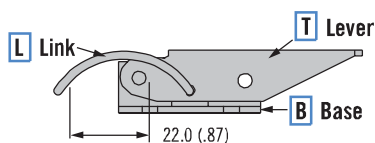
Exposed Mounting Holes



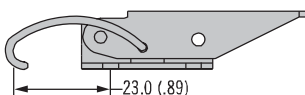
Flat Wire Link



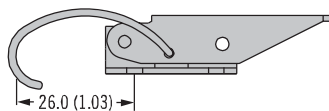
Curved Wire Link



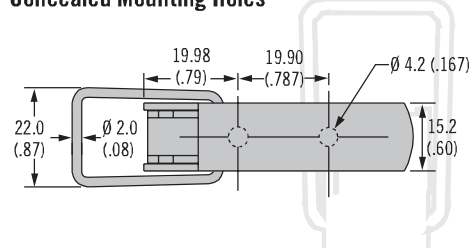
Shallow Hook Link



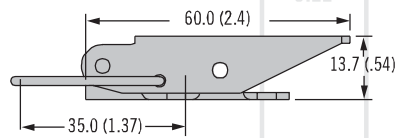
Deep Hook Link



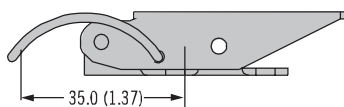
Concealed Mounting Holes



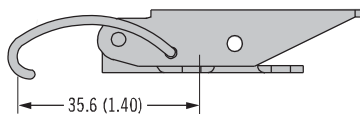
Flat Wire Link



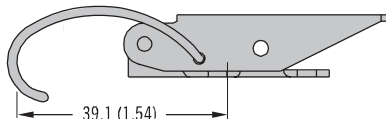
Curved Wire Link



Shallow 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 290

L Link style

- 1 Flat
- 3 Short curved
- 4 Shallow hook
- 5 Deep hook

TL - 40 - B T L - F

B Base type

- 1 Exposed
- 2 Concealed

F Finish

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

T Lever type

- 0 Standard
- 1 Secondary catch (Exposed base only)
- 2 Padlockable (Steel model only) (Concealed base only)

Part Number Selection

Latch only

See page 290 for keepers

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Dimensions in millimeters (inch) unless otherwise stated

Other options available. For complete details on variety, part numbers, installation and specification, go to



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TL Keeper Keeper

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

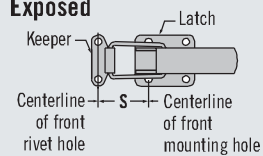
Material and Finish

Stainless steel, steel, zinc plated

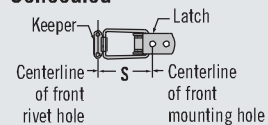
Installation Notes

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

Exposed



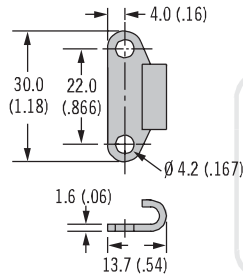
Concealed



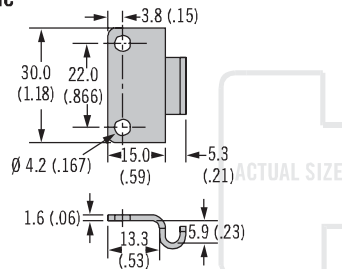
Part Number Selection

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

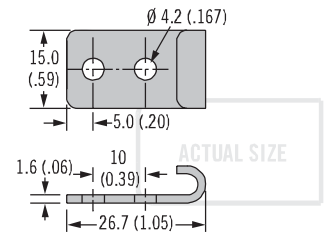
Small



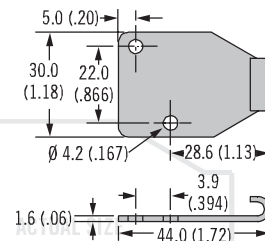
Right Angle



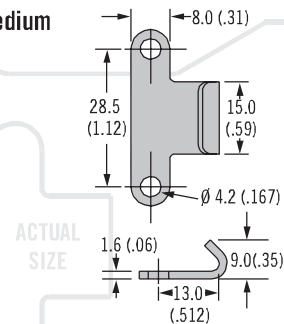
Narrow



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
Draw Latch	S Dimension			
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)

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/TL

Dimensions in millimeters (inch) unless otherwise stated

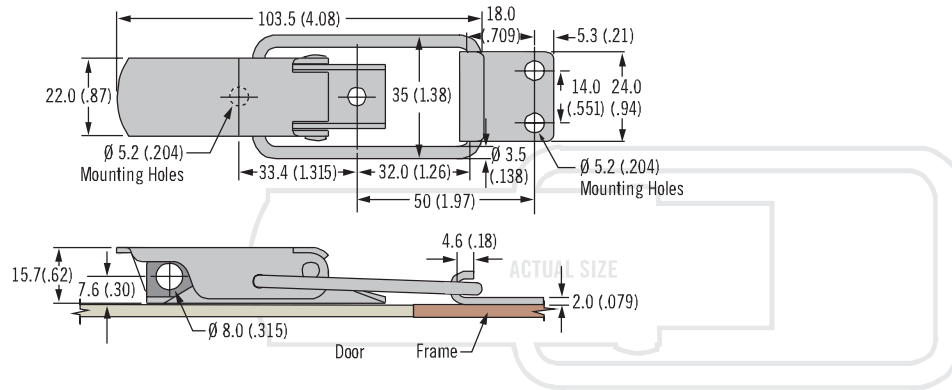
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TL Draw Latch

Over-center · Wire bail



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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

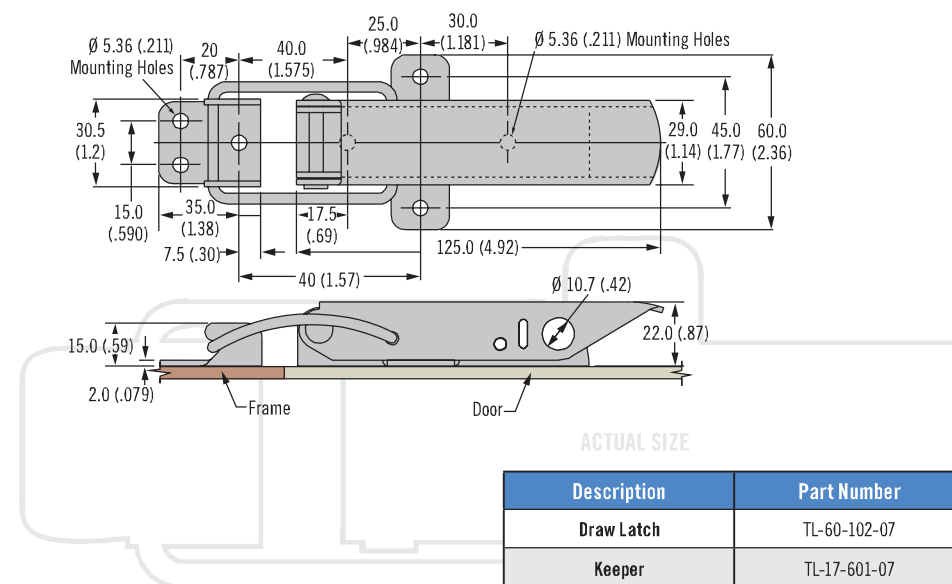
See table

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



Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/TL



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:

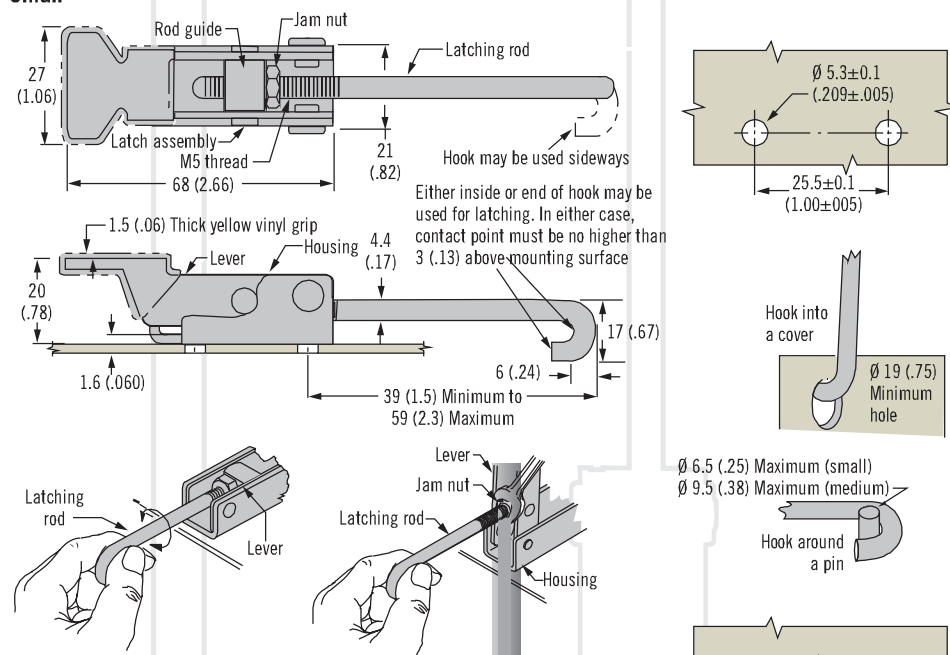
Install assembly with four M5
(No. 10) screws or rivets

Medium:

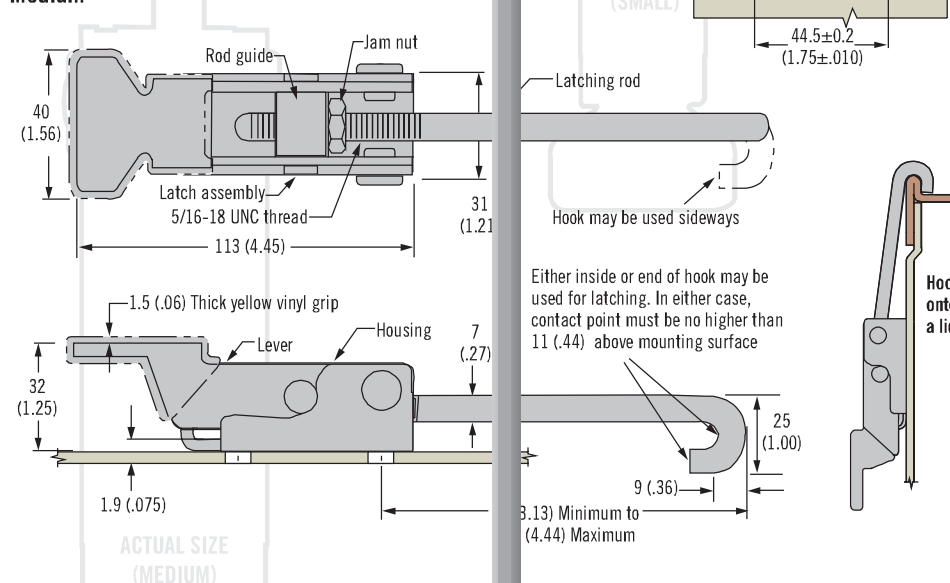
Install assembly with four M6 (1/4)
screws or rivets

Part Number Selection

Small



Medium



B Base size

- 5 Small
- 7 Medium

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

A1 - 11 - B 02 - 1

Dimensions in millimeters (inch) unless otherwise stated

Other options available. For complete details
on variety, part numbers, installation and
specification, go to



www.southco.com/A1

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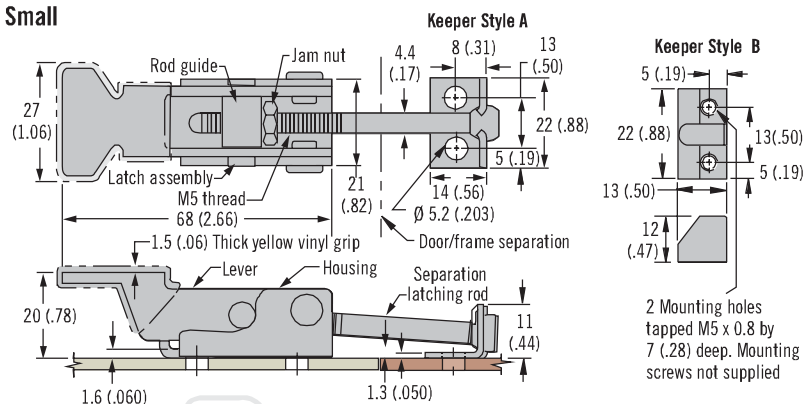
A1 Draw Latch

Over-center · Adjustable

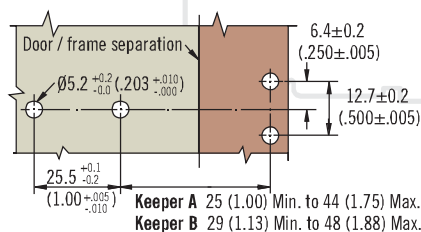


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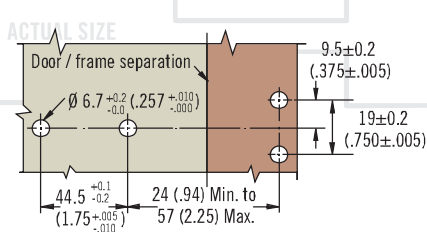
Small



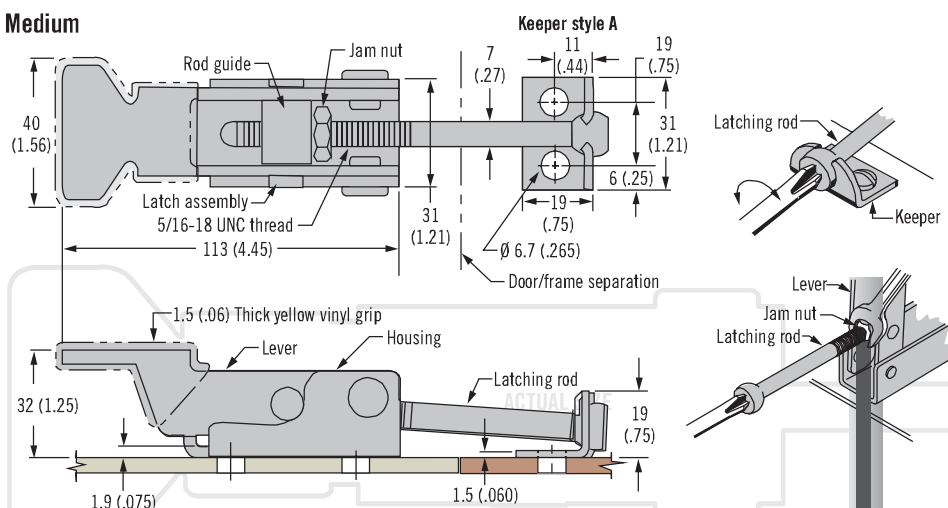
Small Panel Preparation



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

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Dimensions in millimeters (inch) unless otherwise stated

• 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

Part Number Selection

Assembly complete with keeper

Other options available. For complete details
on variety, part numbers, installation and
specification, go to



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)

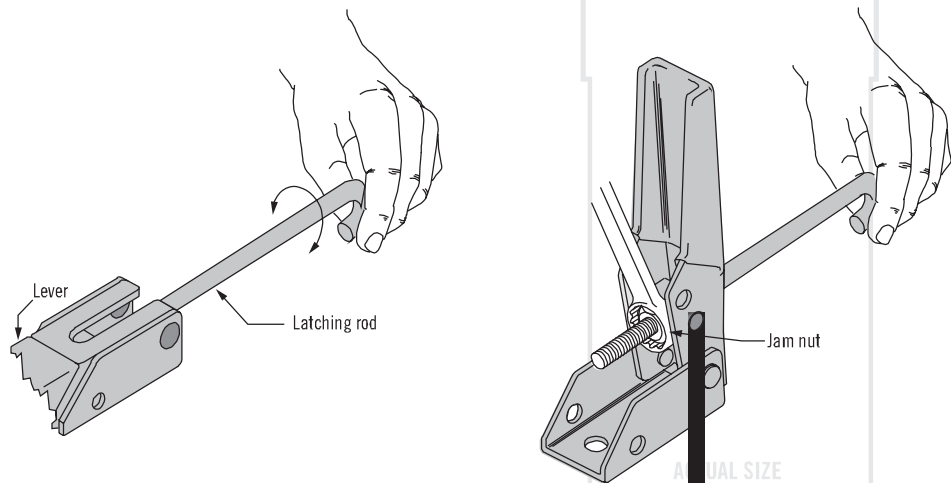
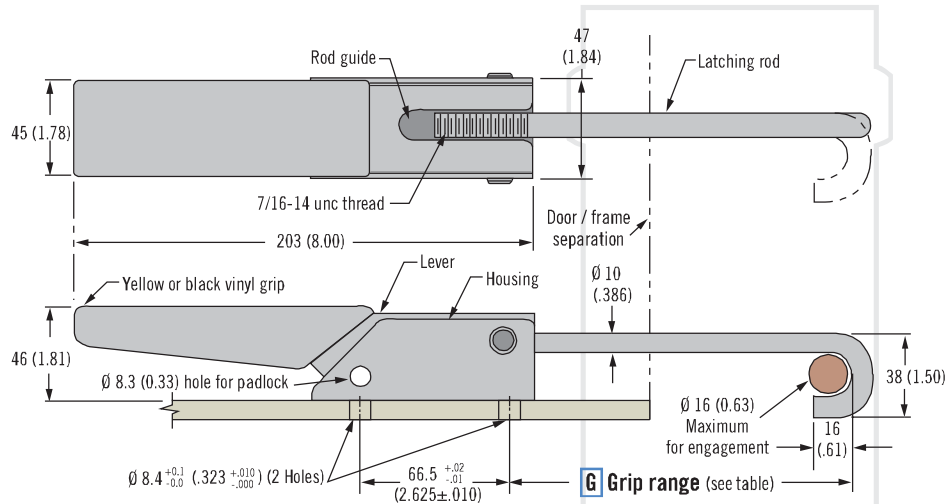
Latched at center of radius:

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

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/A1

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

Dimensions in millimeters (inch) unless otherwise stated

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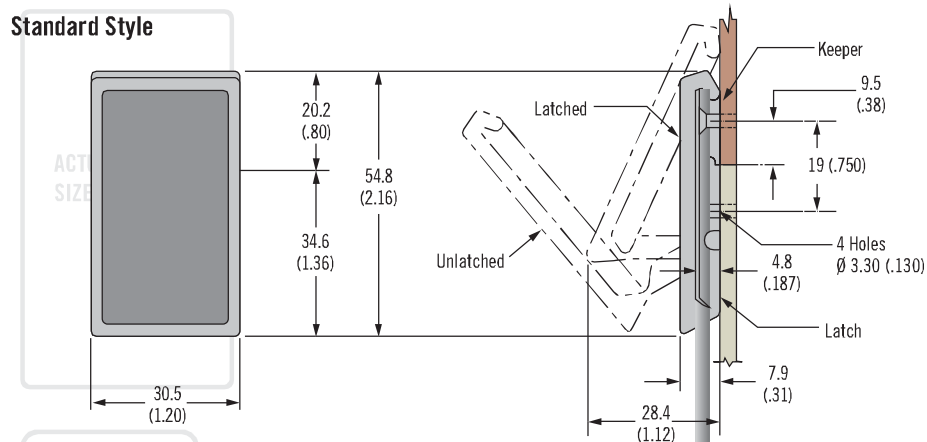
07 Draw Latch

Over-center · Living hinge

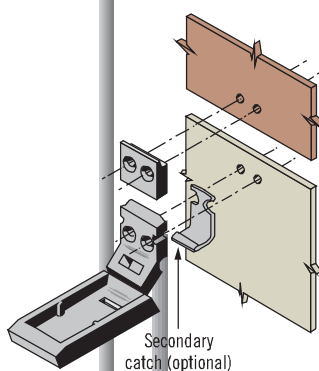
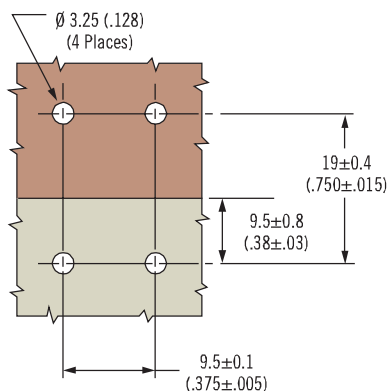
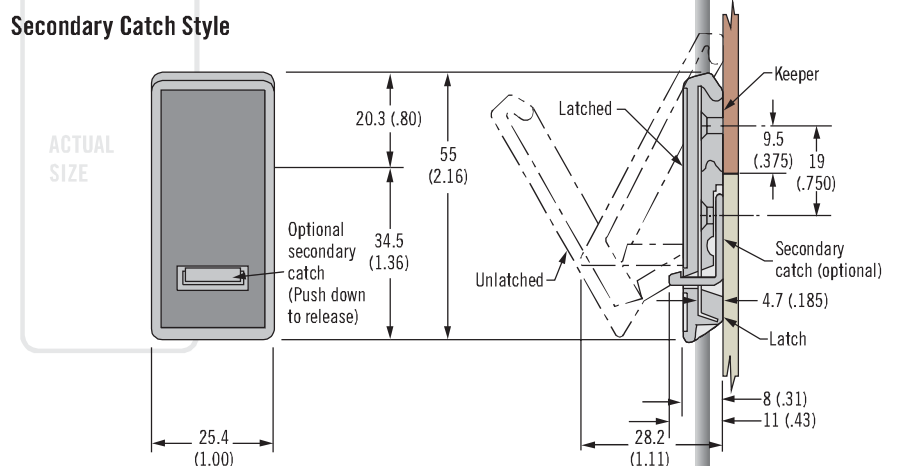


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Standard Style



Secondary Catch Style



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

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Dimensions in millimeters (inch) unless otherwise stated

- 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)

Part Number Selection

Assembly complete with keeper

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/07