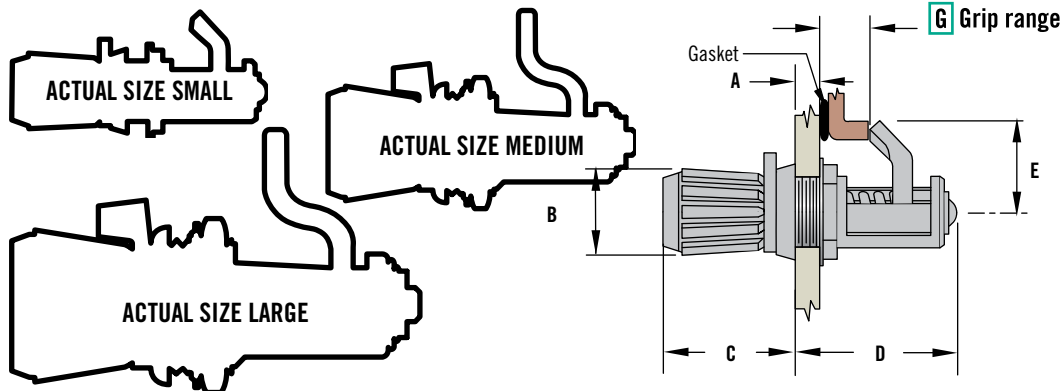


16 Compression Latch

Self-adjusting · Cam indicator · Knob actuated · Single hole mount



77



Size	G Grip Range		Part Number
	Min.	Max.	
Small	3.2 (.12)	10.3 (.41)	16-10-511-16
Medium	1.6 (.06)	8.7 (.34)	16-10-411-14
	7.1 (.28)	14.3 (.56)	16-10-412-14
Large	1.6 (.06)	12.7 (.50)	16-10-311-14
	9.5 (.37)	20.6 (.81)	16-10-312-14

Size	A. Max.	B	C	D	E
Small	2.4 (.09)	9.9 (.39)	15.5 (.61)	18.3 (.72)	10 (.40)
Medium	2.4 (.09)	13.5 (.53)	17.3 (.68)	23.4 (.92)	19 (.75)
Large	4.8 (.190)	19 (.75)	21.8 (.86)	32.9 (1.3)	23 (.91)

- Three sizes available
- Easy grip adjustment

Material and Finish

Steel, zinc plated

Performance Details

Small: Working load: 135 N (30 lbf)

Medium: Working load: 220 N (50 lbf)

Large: Working load: 335 N (75 lbf)

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



www.southco.com/16

43 · 44 · 14 Compression Latches

Self-adjusting · Three hole mount

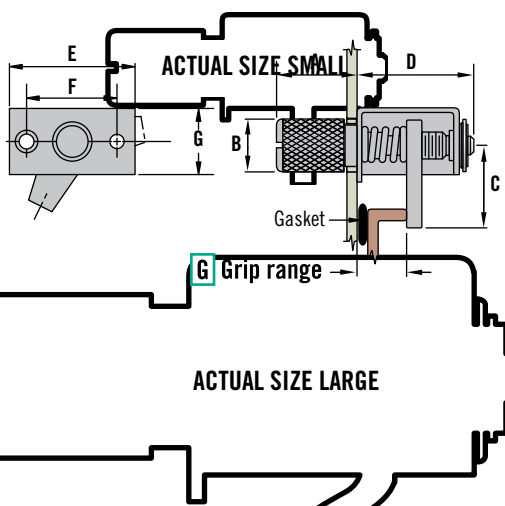


44 · Medium size series

Material	G Grip Range		Knurled Head	Slotted Head
	Min.	Max.		
Steel	3.2 (.12)	9.5 (.37)	44-1-1-0	44-1-16-0
	9.5 (.37)	19.1 (.75)	44-1-2-0	44-1-17-0
	19.1 (.75)	28.6 (1.12)	44-1-3-0	44-1-18-0
Stainless steel	3.2 (.12)	9.5 (.37)	44-1-1-24	44-1-16-24
	9.5 (.37)	19.1 (.75)	44-1-2-24	44-1-17-24
	19.1 (.75)	28.6 (1.12)	44-1-3-24	44-1-18-24

Also available: Tool recess, Slotted, Hex recess

ACTUAL SIZE MEDIUM



Size	A	B	C	D	E	F	G
Small 43	15.1 (.59)	8.9 (.35)	15.9 (.63)	22.2 (.88)	28.6 (1.13)	20.6 (.81)	13.9 (.55)
Medium 44	23.8 (.94)	14.6 (.57)	25.4 (1.0)	32.1 (1.27)	44.5 (1.75)	31.8 (1.25)	22.2 (.88)
Large 14	28.6 (1.13)	22.7 (.90)	34 (1.34)	44.5 (1.75)	63.5 (2.5)	47.6 (1.87)	33.3 (1.31)

- Three sizes available
- Three hole installation
- Easy grip adjustment

Material and Finish

Steel, zinc plated or stainless steel

Performance Details

Working Load:

43 Small: 330 N (75 lbf)

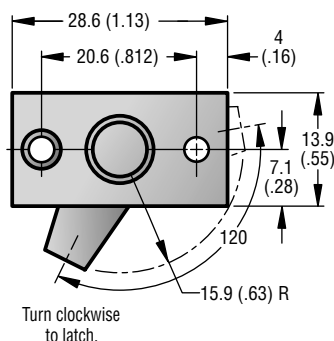
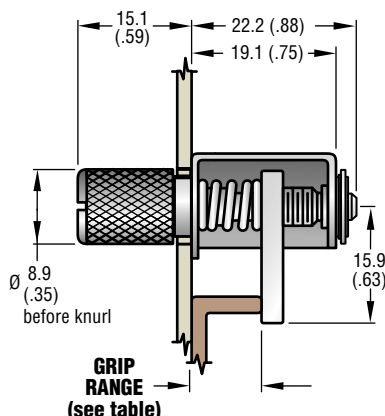
44 Medium: 490 N (110 lbf)

14 Large: 670 N (150 lbf)

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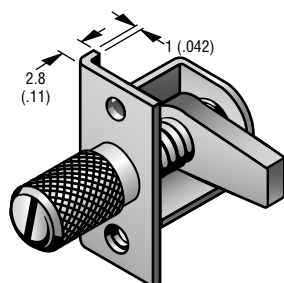
Small Size

- Three-hole mount
- An extra turn adjusts the amount of compression applied
- Two actuation styles including hand and tool-operated

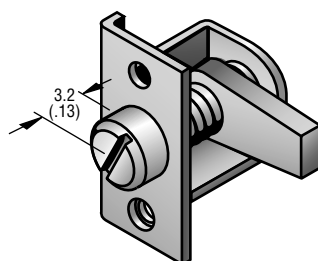


Head styles:

Slotted knurled head

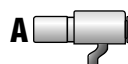
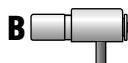
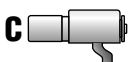


Slotted flush head

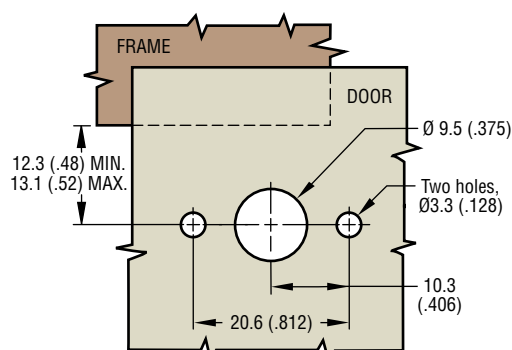


Pawl style and position (pre-assembled) determines grip range (see table).

STYLE	GRIP RANGE		PART NUMBERS	Pawl position
	MIN.	MAX.		
Slotted knurled head	3.2 (.125)	7.1 (.281)	43-1-4-0 •	A
	6.4 (.250)	13.5 (.531)	43-1-5-0 •	B
	12.7 (.500)	19.8 (.781)	43-1-6-0 •	C
Slotted flush head	3.2 (.125)	7.1 (.281)	43-1-13-0 •	A
	6.4 (.250)	13.5 (.531)	43-1-14-0 •	B
	12.7 (.500)	19.8 (.781)	43-1-15-0 •	C



Panel preparation



Material and Finish

PAWL and RETAINING WASHER:

1010 Steel.

BUSHING: 12L14 Steel.

The components listed above are zinc plated chromate plus sealer.

SPRING: 17-7PH Stainless steel, passivated.

CONICAL SPRING: 302 Stainless steel, passivated.

HOUSING: 1010 Steel, zinc plate, chromate plus sealer.

SCREW: 12L14 Steel, zinc plate, chromate plus sealer.

Installation

1. Prepare door.
2. Pass knob of latch through center hole and secure with two rivets or screws.

Product Strength Guidelines

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

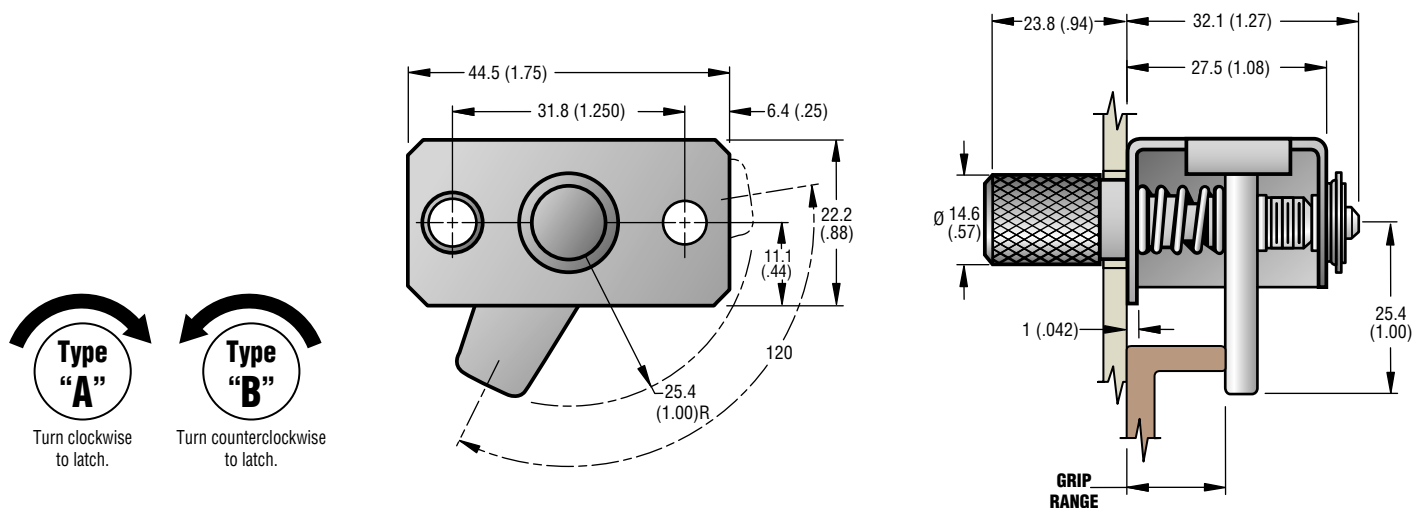
Maximum static load: 330 N (75 lbs.)

Average ultimate load: 600 N (135 lbs.)

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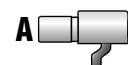
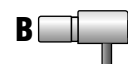
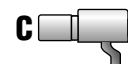
Medium Size

- Three-hole mount
- An extra turn adjusts the amount of compression applied
- Seven actuation styles including hand-, tool-, and key-operated
- Corrosion-resistant assemblies available
- Optional trimplate conceals mounting hardware



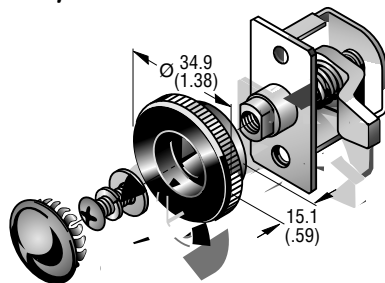
STYLE	Door Thickness	GRIP RANGE		PART NUMBERS			Pawl position
				Steel		Stainless steel, passivated Type "A"	
		MIN.	MAX.	Type "A"	Type "B"		
Black nylon knob	1.2 (.046) to 2.8 (.109)	3.2 (.125)	9.5 (.375)	44-99-116-11 •	—	—	A
		9.5 (.375)	19.1 (.750)	44-99-116-12 •	—	—	B
		19.1 (.750)	28.6 (1.125)	44-99-116-13 •	—	—	C
	2.8 (.109) to 4.4 (.172)	3.2 (.125)	9.5 (.375)	44-99-119-11 •	—	—	A
		9.5 (.375)	19.1 (.750)	44-99-119-12	—	—	B
		19.1 (.750)	28.6 (1.125)	44-99-119-13 •	—	—	C
Low profile black knob	0.8 (.03) to 6.4 (.25)	3.2 (.125)	9.5 (.375)	44-1-34-0 •	—	—	A
		9.5 (.375)	19.1 (.750)	44-1-35-0 •	—	—	B
		19.1 (.750)	28.6 (1.125)	44-1-36-0	—	—	C
Knurled head	—	3.2 (.125)	9.5 (.375)	44-1-1-0 •	—	44-1-1-24 •	A
		9.5 (.375)	19.1 (.750)	44-1-2-0 •	—	44-1-2-24 •	B
		19.1 (.750)	28.6 (1.125)	44-1-3-0 •	—	44-1-3-24 •	C
Hex-socket head 4 mm (.157 in.)	—	3.2 (.125)	9.5 (.375)	44-1-22-0 •	—	—	A
		9.5 (.375)	19.1 (.750)	44-1-23-0 •	—	—	B
		19.1 (.750)	28.6 (1.125)	44-1-24-0 •	—	—	C
Slotted flush head	—	3.2 (.125)	9.5 (.375)	44-1-16-0 •	44-10-16-0 •	44-1-16-24 •	A
		9.5 (.375)	19.1 (.750)	44-1-17-0 •	44-10-17-0 •	44-1-17-24 •	B
		19.1 (.750)	28.6 (1.125)	44-1-18-0 •	44-10-18-0 •	44-1-18-24 •	C
Toolhead Recess	—	3.2 (.125)	9.5 (.375)	44-T-1 •	—	—	A
		9.5 (.375)	19.1 (.750)	44-T-2 •	—	—	B
		19.1 (.750)	28.6 (1.125)	44-T-3 •	—	—	C
Keylocking*	1.07 (.042) to 2.36 (.093)	3.2 (.125)	9.5 (.375)	44-99-222-71 •	—	—	A
		9.5 (.375)	19.1 (.750)	44-99-222-72 •	—	—	B
		19.1 (.750)	28.6 (1.125)	44-99-222-73 •	—	—	C

Pawl Style and Position

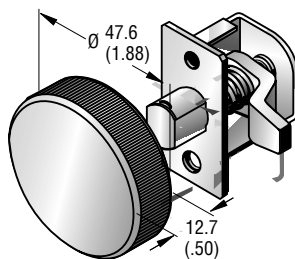


Head Styles:

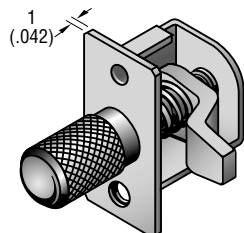
Black nylon knob



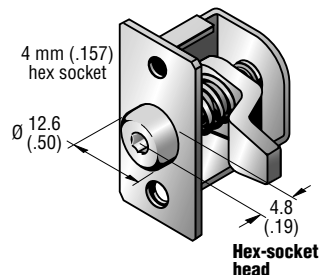
Low-profile black knob



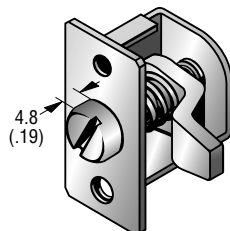
Knurled



Hex-socket

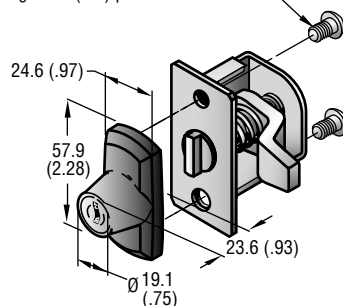


Slotted Flush

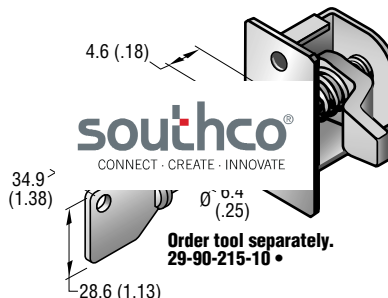


Keylocking

Two 10-24 machine screws (not supplied)
screw length 7.1 (.28) plus door thickness

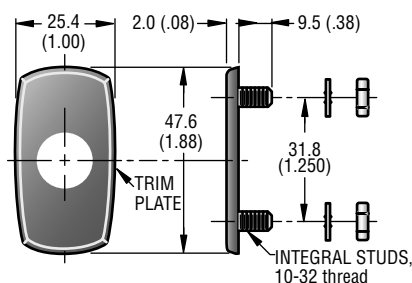


Toolhead Recess



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Trimplate



Trimplate Part Number 44-30-101-10 •

Trimplate Installation

NOTE: Mounting Trimplates can be used with all medium adjustable grip latch styles EXCEPT keylock styles.

Two nuts and two lockwashers are supplied. Maximum recommended tightening torque for mounting nuts: 2.8 N•m (25 in. -lbs.)



Material and Finish

PAWL, HOUSING and RETAINING WASHER: 1010 Steel, zinc plate chromate plus sealer or 304 stainless steel, passivated. BUSHING and SCREW: 12L14 Steel, zinc plate chromate plus sealer or 303 stainless steel, passivated. SPRING and CONICAL SPRING: 302 Stainless steel, passivated.

For models with black knobs:

KNOB: Nylon, black.

For models with hex socket:

SCREW: 12L14 Steel, zinc plate, chromate plus sealer.

For Trimplate:

PLATE: 1010 Steel, phosphate dip plus black powder coated. STUDS: 10B21 Steel, phosphate dip. NUTS: Steel, zinc plate, chromate plus sealer. LOCKWASHERS: Spring steel, zinc plate, chromate plus sealer.

For Keylocking models:

LOCK HOUSING: Die-cast zinc, black powder coated.

LOCK PLUG: Die-cast zinc, black powder coated to match lock housing.

KEYS: Brass, nickel plated.

Product Strength Guidelines

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

Maximum static load: 490 N (110 lbs.)

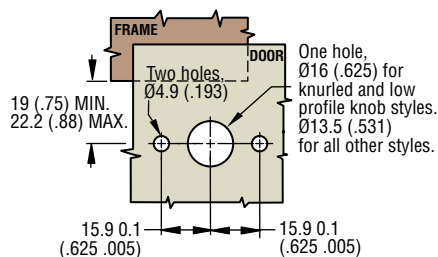
Average ultimate load: 1070 N (240 lbs.)

Operating Temperature Range:

-20°C (0°F) to 80°C (180°F)

Flammability Rating (KNOB): UL94-HB

Panel preparation

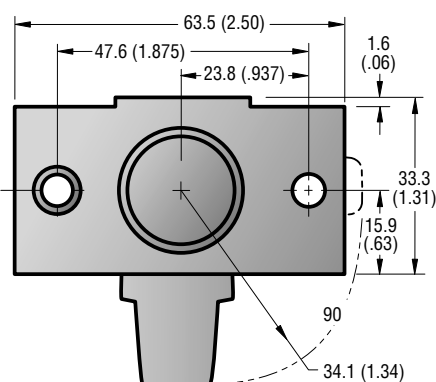


Installation

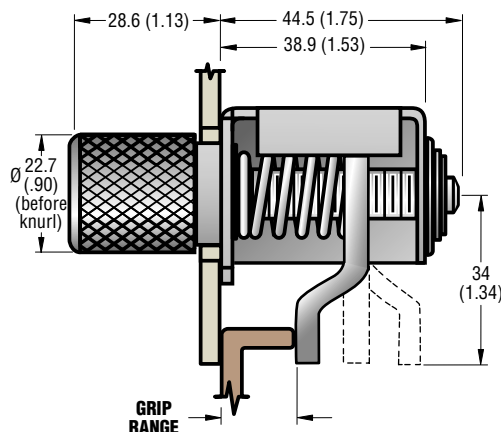
1. Prepare door.
2. Pass knob of latch through center hole and secure with two rivets or screws.

Large Size

- **Three-hole mount**
- **An extra turn adjusts the amount of compression applied**
- **Three actuation styles including hand- and tool-operated**



Turn Clockwise to latch.



Material and Finish

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

RETAINING WASHER: 1010 Steel.

BUSHING: 12L14 Steel. These components are zinc plated chromate plus sealer.

SPRING, CONICAL SPRING: 302 Stainless steel, passivated.

HOUSING: 1010 Steel, zinc plate, chromate plus sealer.

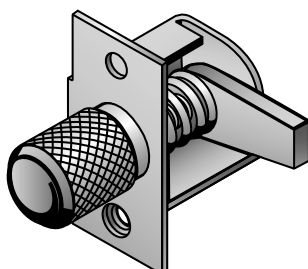
SCREW: 12L14 Steel, zinc plate, chromate plus sealer.

For model with hex socket

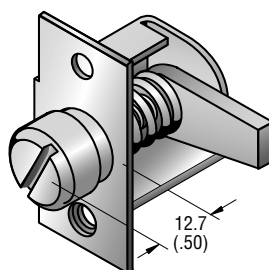
SCREW: 12L14 Steel, zinc plate, chromate plus sealer.

Head Styles:

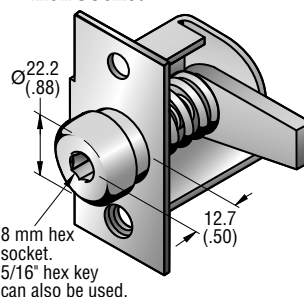
Knurled knob



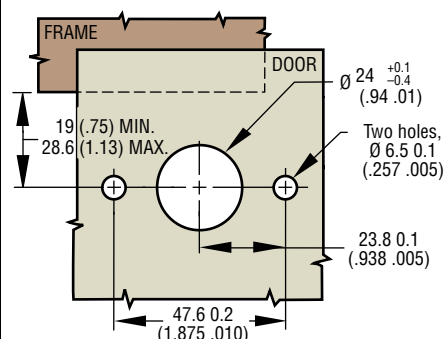
Slotted flush head



Hex socket



Panel preparation



Installation

1. Prepare door.
2. Pass knob of latch through center hole and secure with two rivets or screws.

Product Strength Guidelines

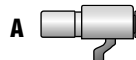
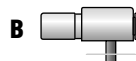
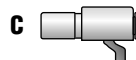
(To assist in your product selection; samples are available for your evaluation.)

Maximum static load: 670 N (150 lbs.)

Average ultimate load: 1400 N (315 lbs.)

Pawl style and position

(pre-assembled) determines grip range (see table).



Style	Grip range		PART NUMBERS	Pawl position
	MIN.	MAX.		
Knurled head	3.2 (.13)	19 (.75)	14-10-11-11 •	A
	9.5 (.38)	31.8 (1.25)	14-10-13-11 •	B
	22.2 (.88)	42.9 (1.69)	14-10-14-11 •	C
Hex-socket head	3.2 (.13)	19 (.75)	14-10-91-11 •	A
	9.5 (.38)	31.8 (1.25)	14-10-93-11 •	B
	22.2 (.88)	42.9 (1.69)	14-10-94-11 •	C
Slotted flush head	3.2 (.13)	19 (.75)	14-10-71-11 •	A
	9.5 (.38)	31.8 (1.25)	14-10-73-11 •	B
	22.2 (.88)	42.9 (1.69)	14-10-74-11 •	C