

M1 Push-to-Close Latch

Small · Stainless steel

- **Single, round-hole installation**
- **Locking style restricts access**
- **Premium finish and corrosion resistance**
- **Privacy lock on locking version**

Material and Finish

Latch: 316 grade stainless steel and bright polished
Spacer: Nylon, black
Contact Southco for other finishes

Performance Details

Max. static load: 545 N (122 lbf)

Accessories

One key supplied per latch for additional keys order M7-88-9121324-S



Spacer: M1-510-96-1
(Sold separately)



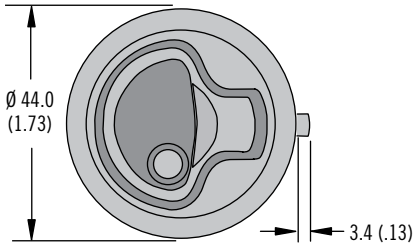
Keeper: M1-510-19-8

Mounting screws: M1-510-96-4

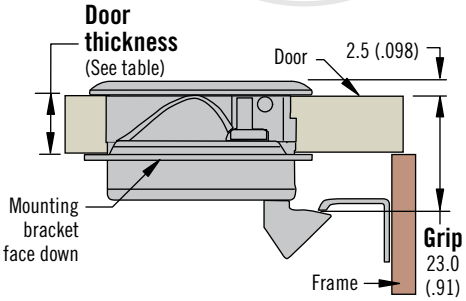
Installation Notes

Use the reference table to determine if a spacer is required for the door thickness and the correct mounting bracket orientation. The spacer shown is in the forward position.

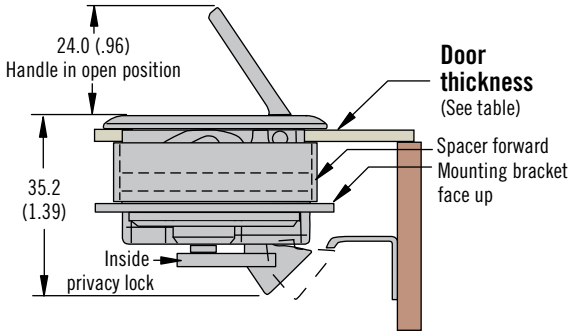


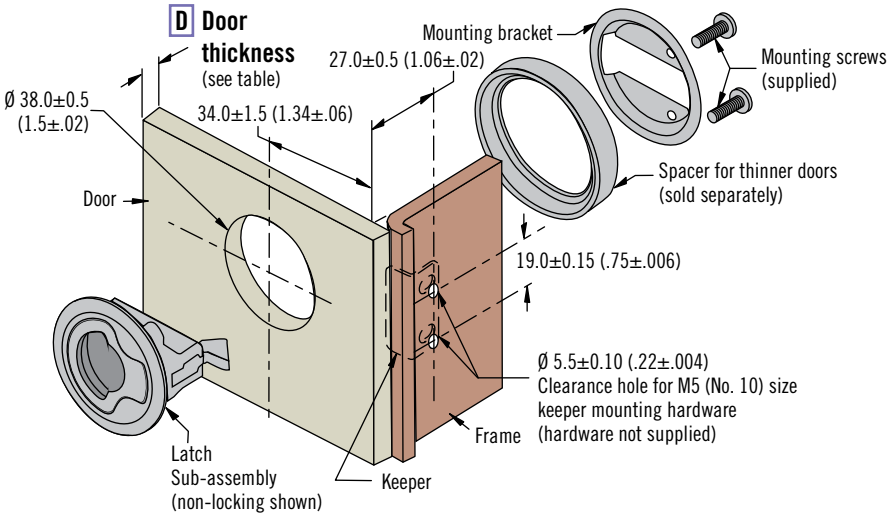


Non-locking



Locking





D Door Thickness	Spacer Orientation	Mounting Bracket Orientation
1.0 - 5.0 (.04 - .20)	Forward	Face Up
5.0 - 9.0 (.20 - .36)	Reverse	Face Up
9.0 - 14.5 (.36 - .57)	(not required)	Face Up
14.5 - 21.0 (.57 - .83)	(not required)	Face Down

Part Number Selection

M1 - 15 - L 1 - 8

L Lock style
4 Locking (one tubular key supplied)
6 Non-locking

INFO CLIC www.southco.com/M1

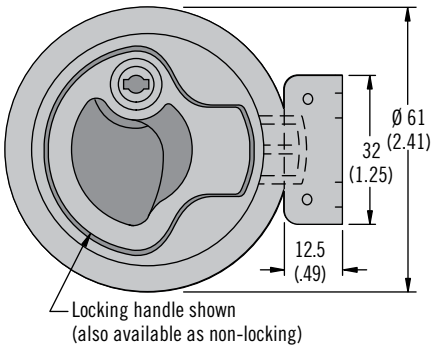
Dimensions in millimeters (inch) unless otherwise stated

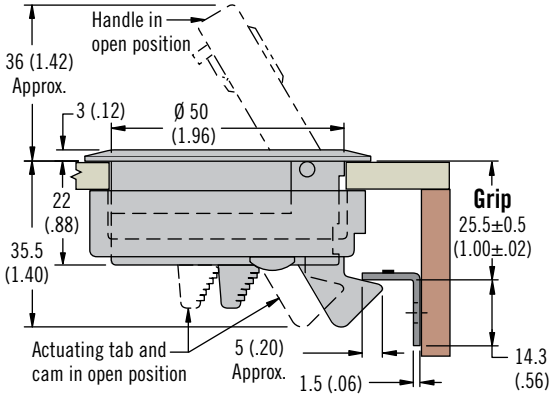
M1 Push-to-Close Latch

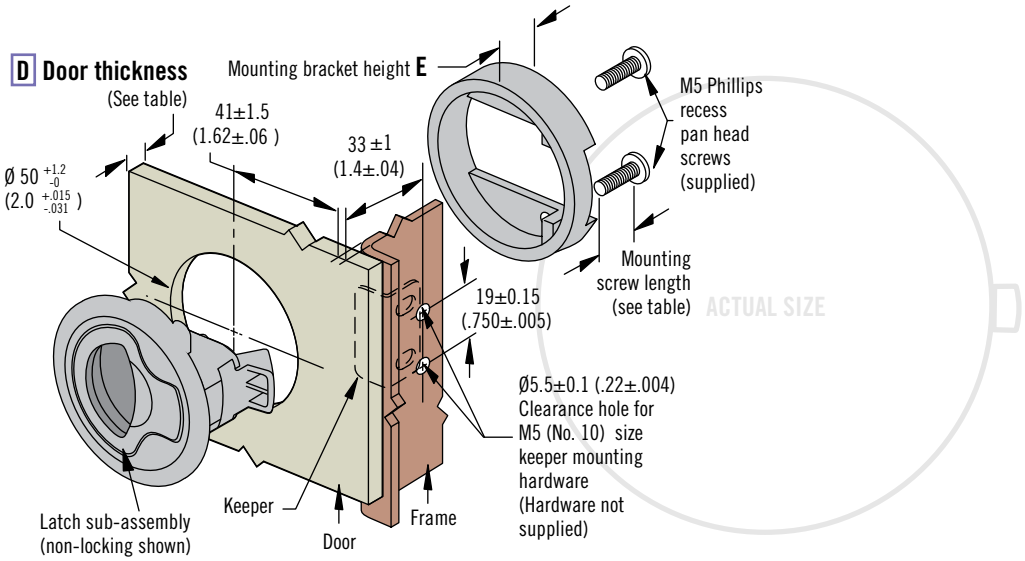
Medium · Stainless steel ·Plastic



- **Single, round-hole installation**
- **Corrosion-resistant materials**
- **Inside actuation when locked or unlocked**







D Door Thickness		Mounting Bracket Height E	Mounting Screw Length	Replacement Screw Part Number
Min.	Max.			
2 (.075	7 (.275)	14 (.55)	16 (.63)	M1-0-27358-01
7 (.275)	12 (.475)	14 (.55)	20 (.81)	M1-0-27358-02
12 (.475)	17 (.675)	3.8 (.15)	16 (.63)	M1-0-27358-01
17 (.675)	22 (.875)	3.8 (.15)	20 (.81)	M1-0-27358-02

Material and Finish

Stainless steel: 316 grade electro polished or PC/PBT blend, black, white or beige

Performance Details

Max. working load:
Stainless Steel: 835 N (187 lbf)
PC/ABT blend 270 N (60 lbf)

Operating temperature range:
-18 ºC (0 ºF) to 60 ºC (140 ºF)

Flammability rating:
UL94-HB (plastic version)

Installation Notes

Max. tightening torque on mounting screws: 1.7 N·m (15 in·lbf)

Accessories

Keeper
Part number: M1-519-4

For lock style 4
Key (pair)
Part number: M1-546



For lock style 7
Overmolded key S008 (pair)
Part number:
M1-525-39-S008



Part Number Selection

See page 70 for complimentary styled compression version

D Door thickness
1 2 - 7 (.075 - .275)
2 7 - 12 (.275 - .475)
3 12 - 17 (.475 - .675)
4 17 - 22 (.675 - .875)

M1 - L D - F

F Finish
1 White Thermoplastic
7 Beige Thermoplastic
8 Stainless steel (omit for black)

L Lock style
4 Locking (2 keys supplied)
6 Non-locking
7 Key-locking keyed alike S008 (2 overmolded keys supplied) (Only available for stainless steel version)



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Large · Stainless steel

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- **Corrosion-resistant materials**
- **Inside actuation when locked or unlocked**

Material and Finish

Stainless steel 316 grade electro polished

Performance Details

Max. working load: 835 N (187 lbf)

Operating temperature range: -18ºC (0ºF) to 60ºC (140ºF)

Installation Notes

Max. tightening torque on mounting screws: 1.7 N·m (15 in·lbf)

Accessories

Keeper
Part number: M1-525-19-4

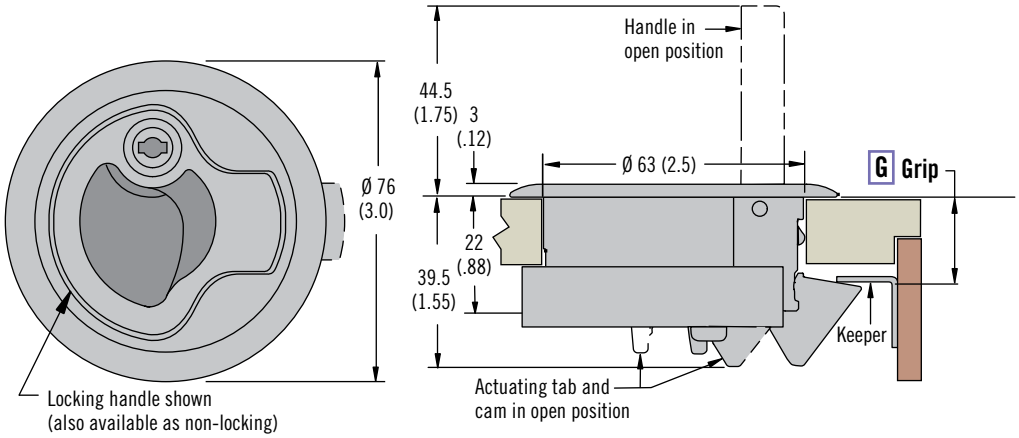
For lock style 4
Key (pair)
Part number: M1-546

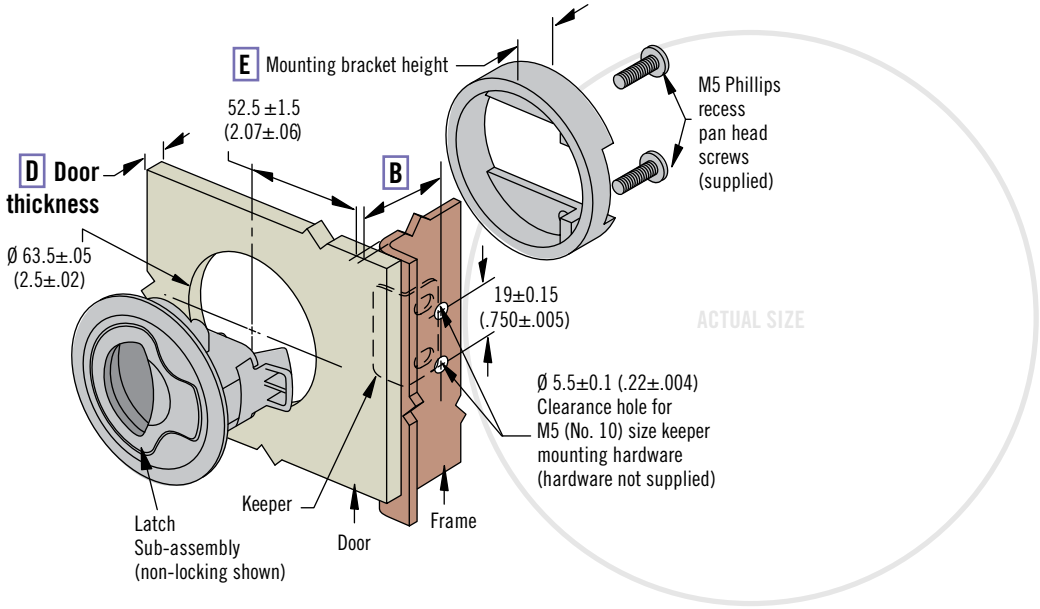


For lock style 7
Overmolded key S008 (pair)
Part number: M1-525-39-S008



Replacement mounting screw
Part number: M1-0-27358-02





G Grip	E Mounting Bracket Height	D Door Thickness		B
		Min.	Max.	
20±0.5 (.75±.02)	22 (.875)	2 (.075)	12 (.475)	27 (1.10)
32±0.5 (1.25±.02)	22 (.875)	2 (.075)	12 (.475))	39 (1.54)
20±0.5 (.75±.02)	12 (.475)	12 (.475)	22 (.875)	27 (1.10)
32±0.5 (1.25±.02)	12 (.475)	12 (.475)	22 (.875)	39 (1.54)

Part Number Selection

See page 71 for complimentary styled compression version

D Door thickness
1 2 - 12 (.075 - .475)
2 12 - 22 (.475 - .875)

G Grip
1 20±0.5 (.75±.02)
2 32±0.5 (1.25±.02)

M1 - 25 - L D - G 8

L Lock style
4 Locking keyed alike (2 keys supplied)
6 Non-locking
7 Key-locking keyed alike S008 (2 overmolded keys supplied)

Dimensions in millimeters (inch) unless otherwise stated

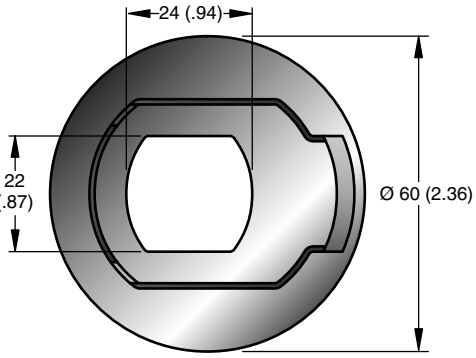
Southco® Push to Close Latches

Flush Simplicity

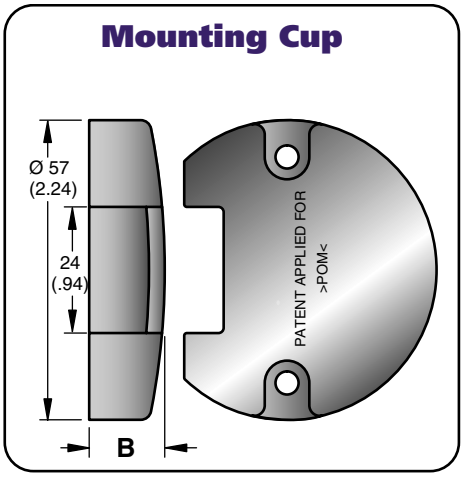
- **Pull to open**
- **Very low profile**
- **Corrosion-resistant materials**
- **Single, round-hole installation**

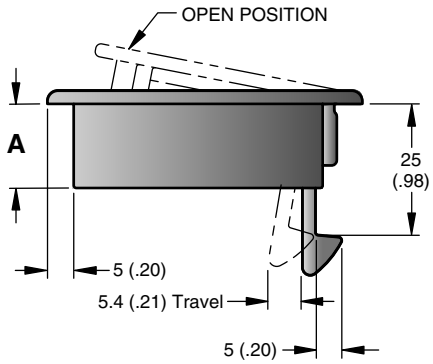


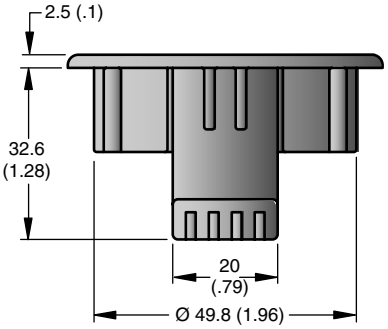
Latch



Mounting Cup









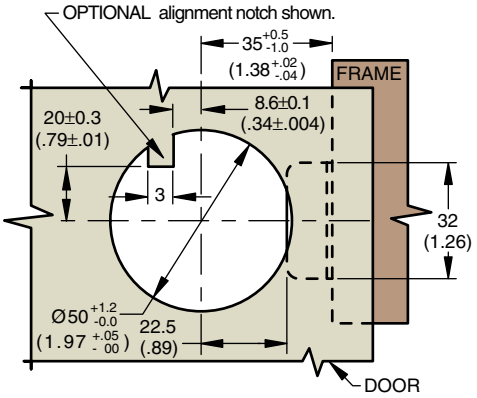
Lift the handle to open…



Push the door to latch.

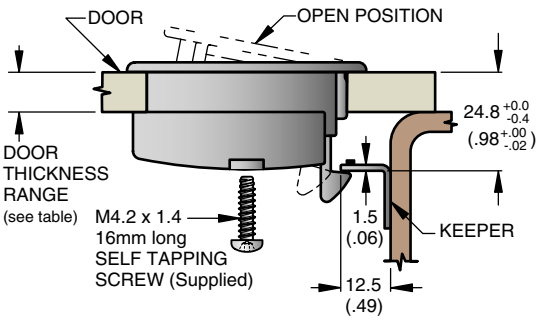
DOOR THICKNESS RANGE	A	B	PART NUMBER
1 (.04) - 7 (.28)	16 (.63)	20.4 (.80)	M1-81 •
7 (.28) - 13 (.51)	16 (.63)	14.3 (.57)	M1-82 •
13 (.51) - 19 (.75)	22 (.87)	14.3 (.57)	M1-83 •

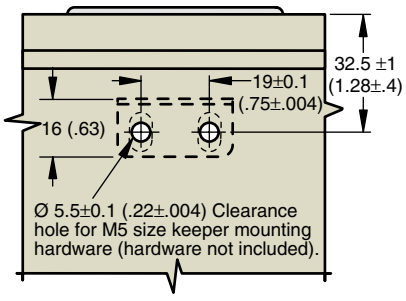
Panel Preparation



Align latch with frame, secure with mounting cup and self tapping screws (supplied with all parts).

CAUTION: Do not over-tighten screws.





Material and Finish

LATCH and MOUNTING CUP: Acetal, black.
KEEPER: 304 Stainless steel, passivated.
SCREWS: 302 Stainless steel, passivated.

Minimum Pawl Engagement: 3.0 (.12)

Product Strength Guidelines

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

Maximum static load: 135 N (30 lbs.)
Average ultimate load: 175 N (39 lbs.)
Maximum tightening torque on mounting screws: 0.5 to 0.8 N•m (4.4 to 7.1 in-lbs.)

Flammability Rating: UL94-HB
Operating Temperature Range:
-40°C (-40°F) to 80 °C (176°F)

millimeter (inch)
millimeter
(inch)
Dimensions without tolerances are for reference only.