chanhvinh.com



M1 Push-to-Close Latch

38mm (1.5") · Stainless steel

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

Material and Finish

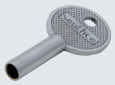
Latch: 316 grade stainless steel, bright polished
Spacer: Nylon, black
Contact Southco for other finishes

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



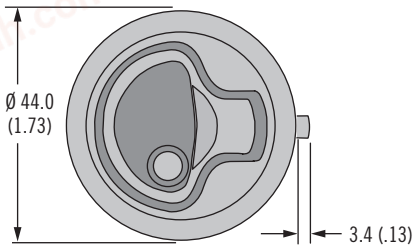
Keeper: M1-510-19-8

Mounting screws: M1-510-96-4

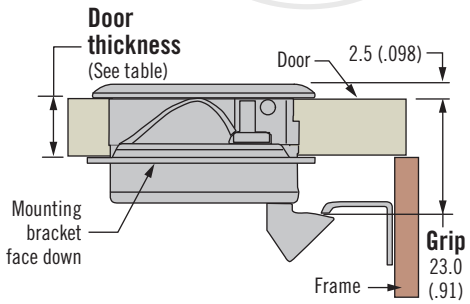
Installation Notes

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.

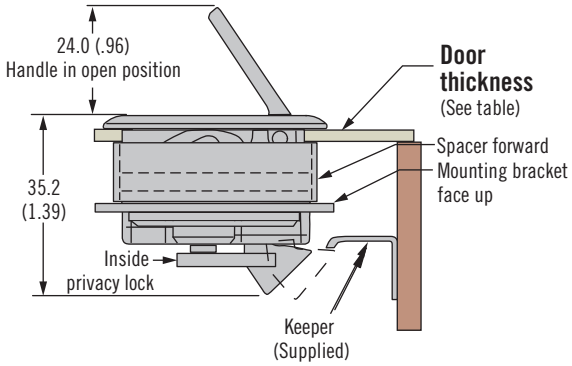
Part Number Selection

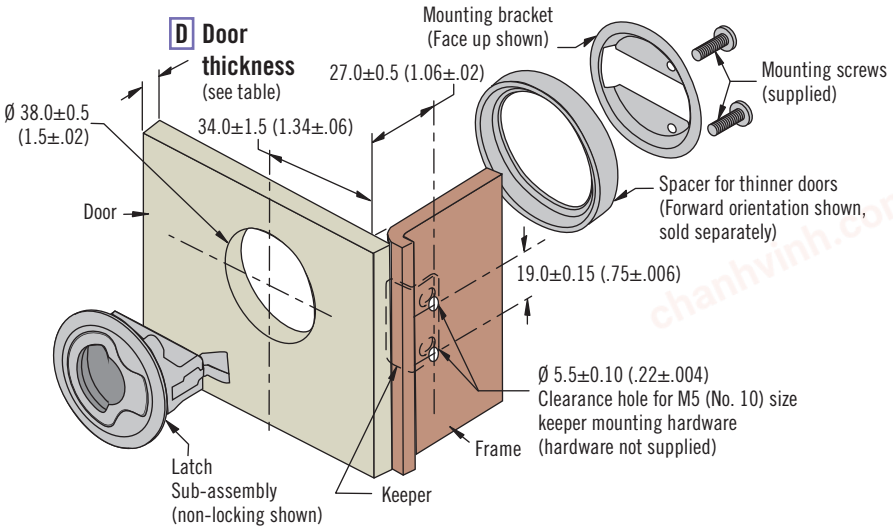


Non-locking



Locking





D Door Thickness	Spacer Orientation	Mounting Bracket Orientation
1.0 - 7.0 (.04 - .28)	Forward	Face Up
7.0 - 13.0 (.28 - .51)	(not required)	Face Up
13.0 - 19.0 (.51 - .75)	(not required)	Face Down

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

M1 - 15 - L 1 - 8

Dimensions in millimeters (inch) unless otherwise stated

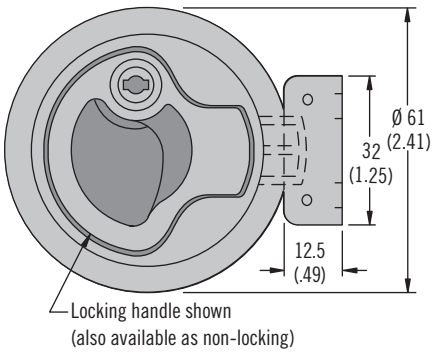
southco®

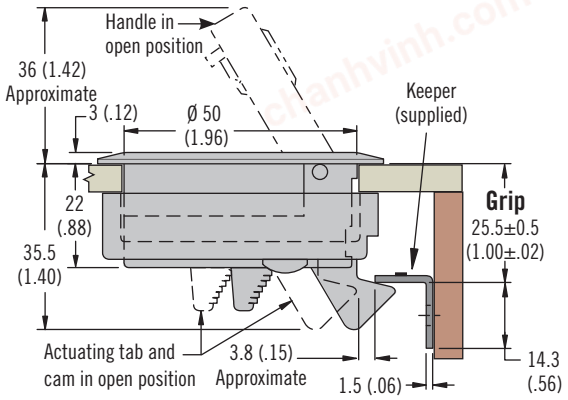
chanhvinh.com

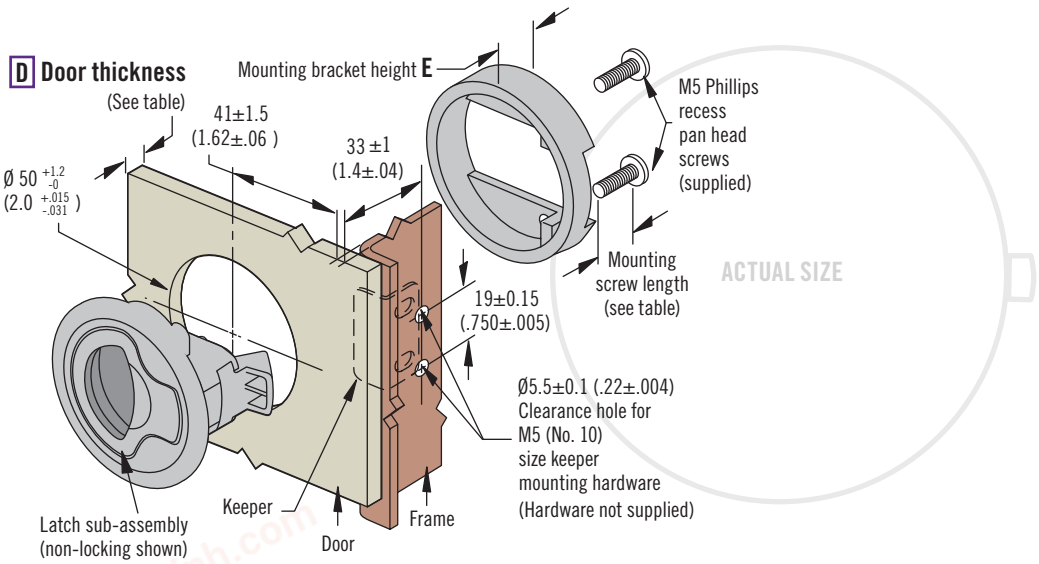
M1 Push-to-Close Latch

50mm (2") · Stainless steel ·Plastic









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

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

L Lock style
- **4** Locking assemblies
- **6** Non-locking assemblies
- **7** Key Locking, S008 Keycode
- **7A** Key Locking, S004 Keycode
- **7B** Key Locking, S007 Keycode
- **7C** Key Locking, S014 Keycode
- **7D** Key Locking, S016 Keycode

} Applicable for Finish 6 & 8 only

F Finish
- **None** Black plastic
- **1** White plastic
- **6** Stainless steel, Black PVD
- **7** Beige plastic
- **8** Stainless steel
- **800** Black plastic housing / Stainless steel handle
- **811** White plastic housing / Stainless steel handle
- **877** Beige plastic housing / Stainless steel handle

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

Material and Finish

Stainless steel 316 grade, electropolished or PC/PBT blend, black, white or beige, Black PVD

Performance Details

Maximum Working load:
All stainless steel: 835 N (187 lbf)
Plastic (PC/ABT blend) housing options: 270N (60 lbf)

Operating temperature range:
-18 °C (0 °F) to 60 °C (140 °F)

Flammability rating:
UL94-HB (plastic components)

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 7,7A,7B,7C,7D
Overmoulded key S008 (pair)
Part number:
M1-525-39-XXXX



Part Number Selection

See page 102 for complimentary styled compression version

Lock Style

Lock Style	Keycodes (XXXX)
7A	S004
7B	S007
7	S008
7C	S014
7D	S016

chanhvinh.com



M1 Push-to-Close Latch

64mm (2.5") size · Stainless steel

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

Material and Finish

Stainless steel 316 grade, electropolished, Black PVD

Performance Details

Max. working load: 835 N (187 lbf)

Operating temperature range: -18°C (0°F) to 60°C (140°F)

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 7,7A,7B,7C,7D
Overmoulded key S008 (pair)
Part number: M1-525-39-XXXX



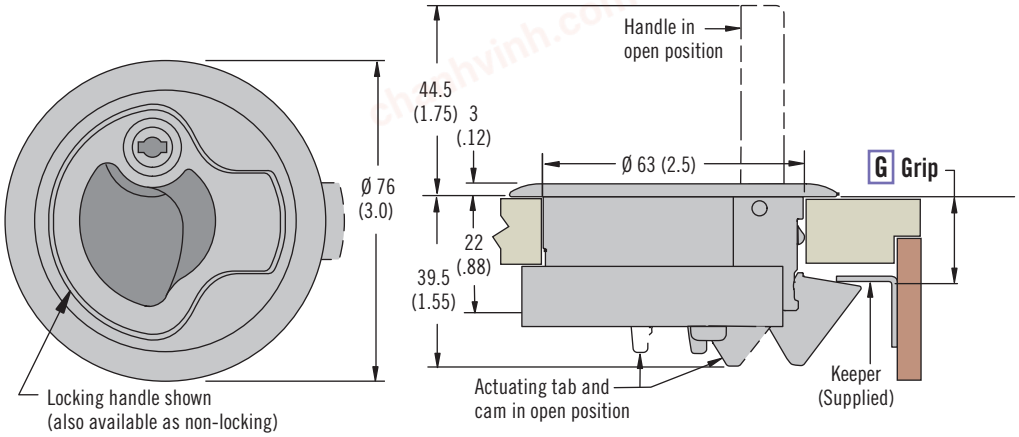
Replacement mounting screw
Part number: M1-0-27358-02

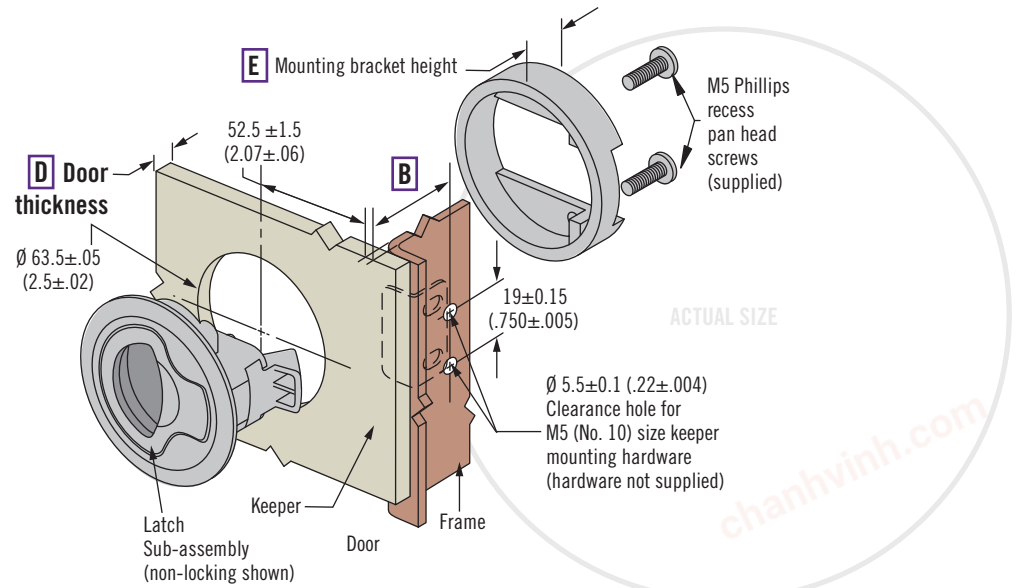
Part Number Selection

See page 103 for complimentary styled compression version

Lock Style

Lock Style	Keycodes (XXXX)
7A	S004
7B	S007
7	S008
7C	S014
7D	S016





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)

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

M1 - 25 - L D - G F

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

L Lock style
4 Locking assemblies
6 Non-locking assemblies
7 Key Locking, S008 Keycode
7A Key Locking, S004 Keycode
7B Key Locking, S007 Keycode
7C Key Locking, S014 Keycode
7D Key Locking, S016 Keycode

Applicable for Finish 6 & 8 only

F Finish
6 Stainless steel, Black PVD
8 Stainless steel

Dimensions in millimeters (inch) unless otherwise stated

southco®

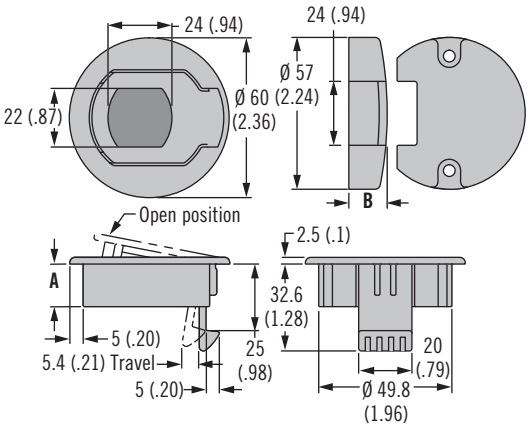
chanhvinh.com

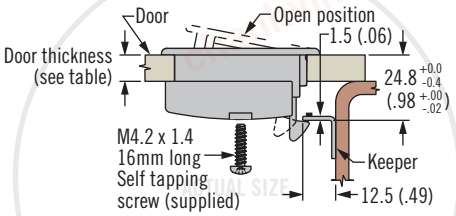
M1 Push-to-Close Latch

Lift-to-open · Flush



Mounting Cup





Door Thickness Range	A	B	Part Number
1 - 7 (.04 - .28)	16 (.63)	20.4 (.80)	M1-81
7 - 13 (.28 - .51)	16 (.63)	14.3 (.57)	M1-82
13 - 19 (.51) - .75)	22 (.87)	14.3 (.57)	M1-83

- **Low profile**
- **Non-corrosive and non-conductive**

Material and Finish

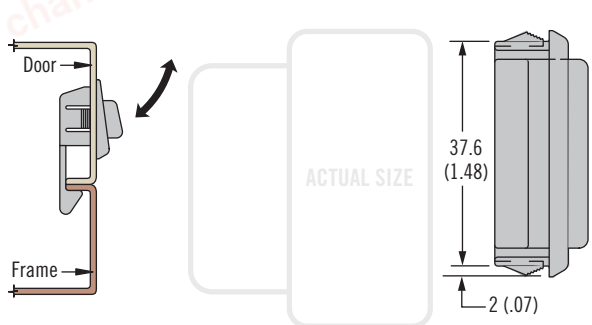
Latch: Acetal, black
Mounting hardware: Stainless steel

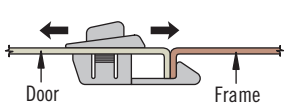
www.southco.com/M1

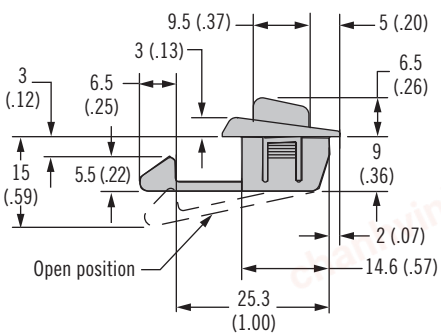
80 Push-to-Close Latch

Push-to-open · Snap-in









Colour	Part Number
White	80-201
Black	80-202

- **Snap-in installation**
- **Non-corrosive and non-conductive**
- **Suitable for sliding or hinged doors**

Material and Finish

Acetal, black or white