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.

Part Number Selection

<table>
<thead>
<tr>
<th>Door Thickness (see table)</th>
<th>Spacer Orientation</th>
<th>Mounting Bracket Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 - 5.0 (.04 - .20)</td>
<td>Forward</td>
<td>Face Up</td>
</tr>
<tr>
<td>5.0 - 9.0 (.20 - .36)</td>
<td>Reverse</td>
<td>Face Up</td>
</tr>
<tr>
<td>9.0 - 14.5 (.36 - .57)</td>
<td>(not required)</td>
<td>Face Up</td>
</tr>
<tr>
<td>14.5 - 21.0 (.57 - .83)</td>
<td>(not required)</td>
<td>Face Down</td>
</tr>
</tbody>
</table>

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

Material and Finish
Stainless steel: 316 grade electropolished 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

<table>
<thead>
<tr>
<th>D Door Thickness</th>
<th>Mounting Bracket Height E</th>
<th>Mounting Screw Length</th>
<th>Replacement Screw Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min.</td>
<td>Max.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 (.075)</td>
<td>7 (.275)</td>
<td>14 (.55)</td>
<td>16 (.63)</td>
</tr>
<tr>
<td>7 (.275)</td>
<td>12 (.475)</td>
<td>14 (.55)</td>
<td>20 (.81)</td>
</tr>
<tr>
<td>12 (.475)</td>
<td>17 (.675)</td>
<td>3.8 (.15)</td>
<td>16 (.63)</td>
</tr>
<tr>
<td>17 (.675)</td>
<td>22 (.875)</td>
<td>3.8 (.15)</td>
<td>20 (.81)</td>
</tr>
</tbody>
</table>

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

| 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)
M1 Push-to-Close Latch
Large · Stainless steel

- Single, round-hole installation
- 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: -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
Overmolded key S008 (pair)
Part number: M1-525-39-S008

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

Part Number Selection
See page 71 for complimentary styled compression version

Keepers
Part number: M1-525-25
For lock styles 4, 6, 7

Door thickness

Grip
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

Dimensions in millimeters (inch) unless otherwise stated

www.southco.com/M1
**Flush Simplicity**
- Pull to open
- Very low profile
- Corrosion-resistant materials
- Single, round-hole installation

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

**CAUTION:** Do not over-tighten screws.

**Latch**

**Mounting Cup**

**Lift the handle to open…**

**Push the door to latch.**

**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)

**Dimensions without tolerances are for reference only.**