**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**

Maximum 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</th>
<th>Spacer Orientation</th>
<th>Mounting Bracket Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 - 7.0 (.04 - .28)</td>
<td>Forward</td>
<td>Face Up</td>
</tr>
<tr>
<td>7.0 - 13.0 (.28 - .51)</td>
<td>(not required)</td>
<td>Face Up</td>
</tr>
<tr>
<td>13.0 - 19.0 (.51 - .75)</td>
<td>(not required)</td>
<td>Face Down</td>
</tr>
</tbody>
</table>

Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/M1

Dimensions in millimeters (inch) unless otherwise stated
M1 Push-to-Close Latch
50mm (2”) · 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
Maximum 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
Maximum 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 102 for complimentary styled compression version

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

www.southco.com/M1

Dimensions in millimeters (inch) unless otherwise stated
**M1 Push-to-Close Latch**
64mm (2.5””) size • Stainless steel

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

**Material and Finish**
Stainless steel 316 grade, electropolished

**Performance Details**
Maximum working load: 835 N (187 lbf)
Operating temperature range: -18ºC (0ºF) to 60ºC (140ºF)

**Installation Notes**
Maximum tightening torque on mounting screws: 1.7 N.m (15 in-lbf)

**Accessories**
Keeper
Part number: M1-525-19-1
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 103 for complimentary styled compression version

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

www.southco.com/M1

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<table>
<thead>
<tr>
<th><strong>E Grip</strong></th>
<th><strong>E Mounting Bracket Height</strong></th>
<th><strong>D Door Thickness</strong></th>
<th><strong>B</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 76 (3.0)</td>
<td>22 (.875)</td>
<td>2 (.075)</td>
<td>27 (1.10)</td>
</tr>
<tr>
<td>Ø 63 (2.5)</td>
<td>22 (.875)</td>
<td>2 (.075)</td>
<td>39 (1.54)</td>
</tr>
<tr>
<td>Ø 63 ± .05 (2.5 ± .02)</td>
<td>12 (.475)</td>
<td>12 (.475)</td>
<td>27 (1.10)</td>
</tr>
<tr>
<td>Ø 63 ± .05 (2.5 ± .02)</td>
<td>12 (.475)</td>
<td>22 (.875)</td>
<td>39 (1.54)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>D Door thickness</strong></th>
<th><strong>L Lock style</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 2 - 12 (.075 - .475)</td>
<td>4 Locking keyed alike (2 keys supplied)</td>
</tr>
<tr>
<td>2 12 - 22 (.475 - .875)</td>
<td>6 Non-locking</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Grip</strong></th>
<th><strong>Grip</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>20 ± .5 (.75 ± .02)</td>
<td>20 ± .5 (.75 ± .02)</td>
</tr>
<tr>
<td>32 ± .5 (1.25 ± .02)</td>
<td>32 ± .5 (1.25 ± .02)</td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch) unless otherwise stated
M1 Push-to-Close Latch
Lift-to-open · Flush

- Low profile
- Non-corrosive and non-conductive

Material and Finish
Latch: Acetal, black
Mounting hardware: Stainless steel

<table>
<thead>
<tr>
<th>Door Thickness Range</th>
<th>A</th>
<th>B</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 7 (.04 - .28)</td>
<td>16</td>
<td>20</td>
<td>M1-81</td>
</tr>
<tr>
<td>7 - 13 (.28 - .51)</td>
<td>16</td>
<td>14</td>
<td>M1-82</td>
</tr>
<tr>
<td>13 - 19 (.51 - .75)</td>
<td>22</td>
<td>14</td>
<td>M1-83</td>
</tr>
</tbody>
</table>

80 Push-to-Close Latch
Push-to-open · Snap-in

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

Material and Finish
Acetal, black or white

<table>
<thead>
<tr>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>80-201</td>
</tr>
<tr>
<td>Black</td>
<td>80-202</td>
</tr>
</tbody>
</table>