Header Bolt

*Pairs of Doors only*

For Aluminum Stile Doors

4085

ANSI/BHMA Type E8261 (Grade 1)

**Adjustment**

Minor adjustment of rod length is accomplished by turning nylon rod end.

**Header Bolt**

1/2" x 1-1/2" expanding bolt with 5/8" throw.
Housed in 1-1/2" x 2-3/4" x 5/8" case.

**Function**

Designed to add a top-of-door third locking point for pairs of doors with an MS® pivoted bolt deadbolt and 4015 Threshold bolt in the active leaf. The 4085 is mounted in the inactive leaf. This additional bolt, triggered by the pivoted MS® bolt, expands in a “scissors” action to center itself in its strike as it rises. This action saves the key holder from the difficulty of lining up the doors with three separate strikes, even if doors are misaligned due to faulty installation or settling. The three-point features may be added to any basic MS1850S/MS1850SN or MS1950 deadbolt.

**Operation**

360° turn of key or thumbturn in basic MS® lock throws counterbalanced bolt into opposite door, kicking positioner bolt into header strike. (Positioner bolt may be manually thrown before closing active leaf to reduce effort on key-bow.) Key can be removed only when bolts are in a positively locked or unlocked position.
**4085 Header Bolt**

**DIMENSIONS**

**INCHES**

<table>
<thead>
<tr>
<th>Nominal, subject to tolerance extremes.</th>
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<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder Height</td>
<td>1.50</td>
</tr>
<tr>
<td>Door Height</td>
<td>1.50</td>
</tr>
<tr>
<td>Travel</td>
<td>2.75</td>
</tr>
<tr>
<td>Strike Cutout</td>
<td>1.80</td>
</tr>
<tr>
<td>Strike for MS® Pivot Bolt Plus Holes for 4 Screws</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>STANDARDS</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Dia. Hole</td>
<td>5.00</td>
</tr>
<tr>
<td>H. Dia.</td>
<td>10.00</td>
</tr>
</tbody>
</table>

**INSTALLATION**

**HOW TO ORDER**

Specify quantity and the following information.

Order related hardware separately.

**Cylinder Height**
Distance from floor to cylinder centerline

**Door Height**
Distance from floor to top of door

**4085 - 42” - 82”**

**OPTIONS**

Specify both cylinder height and door height when ordering.

Order 4015 Threshold Bolt separately (page SW-10).

**STANDARD PACKAGE**

Packed separately with rod guide, screws and header strike. Shipping weight: 1 lb.