**Operation**

360° turn of key or thumbturn in basic MS® lock throws counterbalanced bolt into opposite door and hexagonal bolt into header strike. Key can be removed only when bolts are in a positively locked or unlocked position.
**4016 Header Bolt**

**DIMENSIONS**

<table>
<thead>
<tr>
<th>INCHES</th>
<th>MILLIMETERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>.615</td>
<td>15.6</td>
</tr>
<tr>
<td>.62</td>
<td>15.7</td>
</tr>
<tr>
<td>.615</td>
<td>15.6</td>
</tr>
<tr>
<td>1.40</td>
<td>35.6</td>
</tr>
<tr>
<td>.62</td>
<td>15.7</td>
</tr>
<tr>
<td>.31</td>
<td>7.9</td>
</tr>
<tr>
<td>4.30</td>
<td>109.2</td>
</tr>
</tbody>
</table>

Nominal, subject to tolerance extremes.

**INSTALLATION**

Install Adaptor Arm to lock from top with bolt retracted as shown. Install pin through slots in lock side plates, passing through holes in both sides of the Adaptor Arm.

**STILE PREPARATION**

Due to the variety of construction methods employed by each door manufacturer, consult factory for guidance in special preparation and installation requirements.

**HOW TO ORDER**

Specify quantity and the following information. Order related hardware separately.

**STANDARD PACKAGE**

Packed separately with bolt guide, screws and attachment pin. Shipping weight: 1 lb. Order MS® Deadbolt and 4015 Threshold Bolt separately.

**Lock Backset**
- 10 - 1-1/2"
- 20 - 31/32"
- 30 - 1-1/8"

**Door Height**
- 01 - 7' Door
- 02 - 10' Door

4016 - 30 - 01

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