FLUSH BOLT

FB457 & FB457N INSTALLATION INSTRUCTIONS:

1. MORTISE INACTIVE DOOR FOR FB457 & FB457N
2. HANG INACTIVE DOOR, WITH DOOR OPEN. MEASURE MINIMUM CLEARANCE FROM DOOR TO FINISHED FLOOR.
3. REMOVE DOOR, INSTALL FB457 & FB457N FLUSH BOLT. ADJUST TOP BOLT SO IT IS FLUSH WITH TOP OF DOOR. ADJUST BOTTOM BOLT TO PROJECT $\frac{1}{8}$ (3) LESS THAN MINIMUM CLEARANCE.
4. INSTALL GUIDE.
5. INSTALL STRIKE.
6. HANG DOOR.

FIELD ADJUSTMENTS:

VERTICAL ROD ADJUSTMENT
A. TOP BOLT - REMOVE GUIDE, TURN BOLT AS NECESSARY TO ADJUST,
B. BOTTOM BOLT - REMOVE DOOR FROM HINGES, REMOVE GUIDE, TURN BOLT AS NECESSARY TO ADJUST.

NOTES:
1. A = 12" (305) IS STANDARD, OTHER SIZES ARE OPTIONAL.
   ONLY THE 6"(152), 8"(229), 12"(305) & 24"(610) ARE UL LISTED FOR FIRE DOORS

<table>
<thead>
<tr>
<th>A</th>
<th>6</th>
<th>9</th>
<th>18</th>
<th>24</th>
<th>30</th>
<th>36</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>152</td>
<td>229</td>
<td>457</td>
<td>610</td>
<td>762</td>
<td>914</td>
<td>1219</td>
</tr>
</tbody>
</table>
2. THE DOOR MUST HAVE AT LEAST $\frac{1}{8}$ (6) UNDERCUT.
3. FOR ADDITIONAL INFORMATION ON OPTIONAL DUST PROOF STRIKES, SEE DP1 & DP2 TEMPLATES.

<table>
<thead>
<tr>
<th></th>
<th>QTY</th>
<th>SCREW DETAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOUSING</td>
<td>4</td>
<td>#8-32 x 1&quot; FPH COMBO SCREW</td>
</tr>
<tr>
<td>GUIDE</td>
<td>2</td>
<td>#8-32 x 1&quot; FPH COMBO SCREW</td>
</tr>
<tr>
<td>STRIKE</td>
<td>2</td>
<td>#8-32 x 1&quot; FPH COMBO SCREW</td>
</tr>
</tbody>
</table>

IVES. FB457 & FB457N MANUAL FLUSH BOLT FOR METAL DOORS INSTALLATION TEMPLATE

NOTE: DIMENSIONS IN ( ) ARE MILLIMETERS.

DATE: 09-01-01