Vertical distance between holes

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>1.5&quot;</td>
<td>3&quot;</td>
<td>2.5&quot;</td>
<td>10&quot;</td>
<td>7.25&quot;</td>
<td>3.5&quot;</td>
</tr>
<tr>
<td>mm</td>
<td>38.1</td>
<td>76.2</td>
<td>63.5</td>
<td>254</td>
<td>184</td>
<td>88.9</td>
</tr>
</tbody>
</table>

TWP Cutout

TWP requires an oval cutout 3/8" wide x 1-1/2" high in door and frame. (A round hole may also be used, 1-1/4" minimum diameter.)

83" = 41.5" and 85" = 42.5" from top of hinge.

NOTE: Deburr cutout to protect wires from abrasion.

Total Door Undersizing

Single Square Edge Door – 15/32"
Single Bevel Edge Door – 1/2"
Pair of Doors, each leaf, Square Edge Door – 7/16"
Pair of Doors, each leaf, Bevel Edge Door – 15/32"

Reinforcement recommended for six hole pattern at top and bottom of each leaf of hinge.

Hole Preparation (44 places)

**Metal frame:**
Standard self drilling self tapping screws - No drilling required
Optional thread forming screws - #13 or 3/16" drill

**Wood frame:**
5/32" drill, 1.5" deep

Note: Dimensions in [ ] are millimeters