**040XY 95° FULL MORTISE, WIDE THROW CONTINUOUS HINGE TEMPLATE**

**NOTE**: DIMENSIONS IN ( ) ARE IN MILLIMETERS

**Template Number**: 829720(A)

**Date**: 5-20-15

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**Frame leaf**

- A
- C
- C
- C
- B

**Door leaf**

- D
- D
- D
- D
- D
- D
- B
- C
- C
- C
- C
- C
- A

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**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" 

See installation instructions for reinforcement requirements.

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**Hole Preparation**

**Metal Frame**:

- #12-24 x 3/4" self-drilling tapping screws
- #16 pilot drill is recommended for all holes

**Wood Frame**:

- 1/8" pilot drill

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**Vertical distance between holes**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inch</td>
<td>1.50&quot;</td>
<td>2.50&quot;</td>
<td>3&quot;</td>
<td>10&quot;</td>
</tr>
<tr>
<td>mm</td>
<td>38.1</td>
<td>63.5</td>
<td>76.2</td>
<td>254.0</td>
</tr>
</tbody>
</table>

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**Dimensions**: 

- 1.563" (39.7)
- 1.688" (42.9)
- 0.500" (12.7)
- 0.550" (14.3)
- 1.750" (44.4)

**Holes**:

- .313 (8) Square edge minimum clearance
- .344 (8.7) Beveled edge minimum clearance

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**Ives**

**Allegion**

**Date**: 5-20-15