3 Way Adjustable Concealed Hinge

- Height Adjustment
- Width Adjustment
- Depth Adjustment

Architectural Concealed Hinge

![Image of Architectural Concealed Hinge]

**R3D-110 CONCEALED HINGE**

Our complete line of concealed hinges incorporates a distinct functionality with high load capacity, safety and adjustability. The 3-WAY Adjustment function allows for vertical, horizontal and depth adjustment after the hinge is installed.

<table>
<thead>
<tr>
<th>Minimum Door Thickness</th>
<th>1-9/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Door Width</td>
<td>39-3/8&quot;</td>
</tr>
<tr>
<td>Maximum Door Weight</td>
<td>158 lbs (with 2 hinges)</td>
</tr>
<tr>
<td>Handed</td>
<td>Left or Right</td>
</tr>
</tbody>
</table>

**Adjustability**

The hinge enables the door to open 180° and be adjusted in three directions (height, width, depth) leaving the door with a seamless look.

| Horizontal | ± 1.5 mm |
| Vertical   | ± 1.5 mm |
| Depth      | ± 1.0 mm |

**Finish**

Silver

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**Hinge Placement**

2 - 4 pieces can be used depending on door width and weight.

<table>
<thead>
<tr>
<th>Number of Hinges</th>
<th>Door Width (in)</th>
<th>2 Hinges</th>
<th>3 Hinges</th>
<th>4 Hinges</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32&quot;</td>
<td>36&quot;</td>
<td>39-3/8&quot;</td>
<td>185 lbs</td>
</tr>
<tr>
<td>2</td>
<td>185 lbs</td>
<td>176 lbs</td>
<td>158 lbs</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>211 lbs</td>
<td>198 lbs</td>
<td>176 lbs</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>233 lbs</td>
<td>220 lbs</td>
<td>198 lbs</td>
<td></td>
</tr>
</tbody>
</table>

*Left handed version shown

Opens to a **180°** angle

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* see ‘Hinge Placement’ section for additional door weights

www.sugatsune.com

1-310-329-6373
3 Way Adjustable Concealed Hinge: The convenient three-dimensional adjustability allows the door to be installed efficiently and hassle free by allowing for adjustments after installation is complete.

Features
- Door Weight: Max. 158 lbs (with 2 hinges)
- Door Width: Max. 39-3/8”
- Door Thickness: Min. 1-9/16”
- Passed 200,000 Open/Close Cycles
- Handed Left or Right

Additional Concealed Hinges

Adjusted Features
Highlighted are three screws used to adjust height, width and depth.

Bore Dimensions

Must be 5mm

U.S. HEAD OFFICE
18101 Savarona Way
Carson, CA 90746
T: 310-329-6373

CHICAGO SALES OFFICE
850 South Wabash #300
Chicago, IL 60605
T: 312-461-1081