Vertical Positioning of Hinges

Although Euro-style concealed hinges allow for vertical adjustment, the mounting plate must line up with the hinge arm if the two are to snap together and provide the maximum possible adjustment range. The easiest way to accomplish this is to mark aligning horizontal centerlines on both the doors and the cabinet. You need to consider the amount of the doors’ overlay or inset when calculating the centerline positions for the doors.

1. For the top hinge, measure down from the top of the cabinet opening to the desired mounting location (typically 2"-3") and use a combination square to mark the horizontal centerline on the inside of the cabinet. (For the bottom hinge, measure up from the bottom of the cabinet opening.)

   Note: Be sure your hinge positions will provide adequate clearance for any pullouts.

2. To determine the centerline location on the door, start with the distance you measured in Step 1 and subtract the amount of the reveal at that edge.

3. Use the values calculated for the top and bottom hinge locations in Step 2 and mark the horizontal centerlines on the back of the door. Compare the distance between the lines on the cabinet with the distance between the lines on the door to verify.

Note: Building a bi-fold door system requires installing two pairs of hinges — 170˚ frameless cabinet hinges (the larger pair) and bi-fold door hinges. The 170˚ hinges attach to the side of the cabinet and to Door 1. The bi-fold hinges connect to Door 1 and Door 2.

<table>
<thead>
<tr>
<th>Hinge</th>
<th>Finish</th>
<th>Tab</th>
<th>Cup Diameter</th>
<th>Cup Depth</th>
<th>Minimum Door Thickness</th>
<th>Maximum Door Thickness</th>
<th>Adjustments</th>
<th>Gap</th>
<th>Clip-on Mounting</th>
<th>Minimum Reveal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blum Pie Corner Hinge Kit</td>
<td>Nickel</td>
<td>5mm</td>
<td>35mm</td>
<td>11mm</td>
<td>16mm (.63&quot;)</td>
<td>24mm (.94&quot;)</td>
<td>3-way cam</td>
<td>NA</td>
<td>Yes</td>
<td>0mm</td>
</tr>
</tbody>
</table>
**Installing Hinges on Door 1**

1. Refer to the Door Diagram to mark drilling locations for the hinge cup holes and mounting screw holes on the door. Note that the 170˚ Hinges and Bi-Fold Hinges have differing hinge-cup center locations on Door 1.

2. Using a 35mm Forstner bit, drill a hole 11mm deep for the hinge cup, taking care to keep the bit as square as possible to the door.
   
   **Note:** For fast, easy and accurate location and drilling of hinge cup holes for the 170˚ Hinges, we recommend using the JIG IT Deluxe Concealed Hinge Drilling System (53420, sold separately) along with a Rockler 35mm Long-Shank Forstner Bit (10117, sold separately). For those using a drill press, a dedicated JIG IT setup block is available (58488, sold separately). For the hinge cups for the Bi-Fold Hinges, the Drill Shroud from the JIG IT Deluxe Concealed Hinge Drilling System can be used.

3. Drill pilot holes for the screws, taking care not to drill all the way through the door.

4. Position the hinge cup in the hole and use the included screws to secure in place.

5. Repeat Steps 2-4 at other hinge location(s).

**Installing Mounting Plates in Cabinet**

1. Refer to the Cabinet Diagram to mark drilling locations for the hinge plates.

2. Drill pilot holes for the mounting screws, taking care not to drill all the way through the cabinet side.
   
   **Note:** For fast, easy and accurate location and drilling of mounting plate pilot holes, we recommend using the JIG IT Hinge Plate Template for Inset Doors (56585, sold separately) along with a Rockler/Insty-Drive #6 Self-Centering Bit (68991, sold separately).

3. Use the included screws to secure the mounting plates onto the face frame.

4. Mount the doors by clipping the hinge arms onto the mounting plates.

**OPTIONAL ACCESSORIES**

- **JIG IT® Deluxe Concealed Hinge Drilling Jig**
  - 53420

- **JIG IT® Template A Door Hinge Jig**
  - 50375

- **JIG IT® 3/4" Thick Inset Door Hinge Jig**
  - 56585

- **JIG IT® 5mm Hinge Cup Drill Press Drilling Jig**
  - 58488

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Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com
**Cabinet**

All measurements are in millimeters.

**Door Thickness plus 37mm**

**Door 1 Diagram**

**Door 2 Diagram**

**Door 1**

**Door 2**

**Height Adjustment**

Turning this screw clockwise adjusts the door down; counterclockwise, up.

**Depth Adjustment**

Turning this screw clockwise adjusts the door inward; counterclockwise, outward.

**Lateral Adjustment**

Turning this screw clockwise adjusts the door to the right; counterclockwise, to the left.