**2 3/4" BACKSET LOCK TEMPLATE**

FOR MORTISE HANDLESET OR LEVER X LEVER & KNOB X KNOB

SEE OTHER SIDE FOR OPPOSITE TEMPLATE

---

**DOOR PREPARATION**

1. **1 1/8 DIAMETER**
   - Drill only if CYLINDER is on this side

2. **1/4 DIAMETER**
   - Drill only if TURNPIECE is on this side
   - Drill pilot holes for the lock mounting screws and all of the holes needed for cylinder(s), thumblatch, screws/rose, and thru-bolts for backplates or roses. (Refer to Diagram #2 on reverse side.)

3. **1/8 DIAMETER**
   - Drill for CYLINDER or LEVER COMPLETELY THROUGH DOOR

4. **1/8 DIAMETER**
   - Drill only if THRU-BOLTED ROSE ASSEMBLY

5. **1/16 DIAMETER**
   - Drill exterior only for THUMBPIECE

---

**MORTISING OF DOOR**

1. **1 1/8 DIAMETER**
   - Drill only if CYLINDER is on this side

2. **1/4 DIAMETER**
   - Drill only if TURNPIECE is on this side
   - Drill pilot holes for the lock mounting screws and all of the holes needed for cylinder(s), thumblatch, screws/rose, and thru-bolts for backplates or roses. (Refer to Diagram #2 on reverse side.)

3. **1/8 DIAMETER**
   - Drill for CYLINDER or LEVER COMPLETELY THROUGH DOOR

4. **1/8 DIAMETER**
   - Drill only if THRU-BOLTED ROSE ASSEMBLY

5. **1/16 DIAMETER**
   - Drill exterior only for THUMBPIECE

---

**INSTALLING LOCK AND STRIKE**

1. **1) FOR BEVELED EDGE DOOR**
   - Loosen the two beveling screws behind armored front of lock. Adjust the armored front of lockbody to the bevel of the door. Tighten beveling screws before installing the lockbody.

2. **2) Insert lockbody into cavity and secure to door using the two #12 combination screws.**
   - Do NOT ATTACH FINISHED FACEPLATE AT THIS TIME.

3. **3) Place strike into strike mortise and attach it to frame using the two #12 combination screws (Refer to Diagram #1 on reverse side for installation of strike).**

---

**INSTALLING FINISHED TRIM**

1. **1) Install backplates or roses with screws showing on the interior.**
   - At this point, just tighten the screws snugly to allow rose or backplate to be aligned. (When using backplates w/thumblatch, thumblatch should be on the interior.)

2. **2) Insert cylinder at this time, but only tighten by hand.**

3. **3) Insert spindle with shoulder stop on the exterior.**
   - When installing lever x lever or knob x knob be sure center of spindle aligns with the center of the lock. When shoulder stop sits flush against the inside hub of the lock, the spindle is properly aligned.

4. **4) Place nylon washers into holes of the screws/plates. Attach knobs/levers and tighten set screws.**
   - Skip this step if lever/knob is already fastened to plate. This will align plates/rosettes. Now tighten the plates/rosettes.

5. **5) Thread in cylinder until it is flush with the backplate or collar.**
   - Position the cylinder so the "OMNIA" logo is readable. Tighten cylinder set screw through the lock front.

6. **6) Attach lock faceplate using the faceplate screws provided.**

7. **7) Adjust knobs/levers to turn freely and tighten set screws.**

---

**NOTE:** Template may not be true-to-size. Please use for reference purposes only. DO NOT drill until measurements are verified.

**CAUTION: DOOR AND FRAME MANUFACTURERS**

When door gasketing or silencers are used, proper allowances must be made for strike location to maintain a common centerline with lock and door so that the bolt will freely enter strike.

---

**OMNIA INDUSTRIES, INC.**

Cedar Grove, NJ 07009

**OM-AHS24-OO**

Rev. 12/29/10
MORTISE STRIKE INSTALLATION INSTRUCTIONS

1) Locate center line of strike by taking the center line of the mortise lock case and going up \( \frac{3}{8} \)" and making a line on the jamb.

2) Position the center line of the strike onto the line and using the strike as a guide trace the edge of the strike.

3) Mortise the jamb \( \frac{3}{8} \)" deep for the strike.

4) When box strike is used a minimum of \( 1" \) mortise depth is needed.

5) When box strike is not used be sure to mortise deep enough to allow the latchbolt and deadbolt to fully extend.

**Diagram #1**

- Insert lock
- Trace outline of lock front
- Mortise \( \frac{1}{4} " \) deep for armored front and faceplate

**Diagram #2**

**FUNCTION HOLES TO DRILL**

<table>
<thead>
<tr>
<th>Function</th>
<th>Cylinder Hole</th>
<th>Cyl. Hole 2 sides</th>
<th>Thru-Bolted Rose Assembly</th>
<th>Thru-Bolted Rose Assembly COMPLETELY THROUGH DOOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>EW</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>FW</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>J</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>PD</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>SD</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Key: C = Cloverleaf  S = Straight Cam