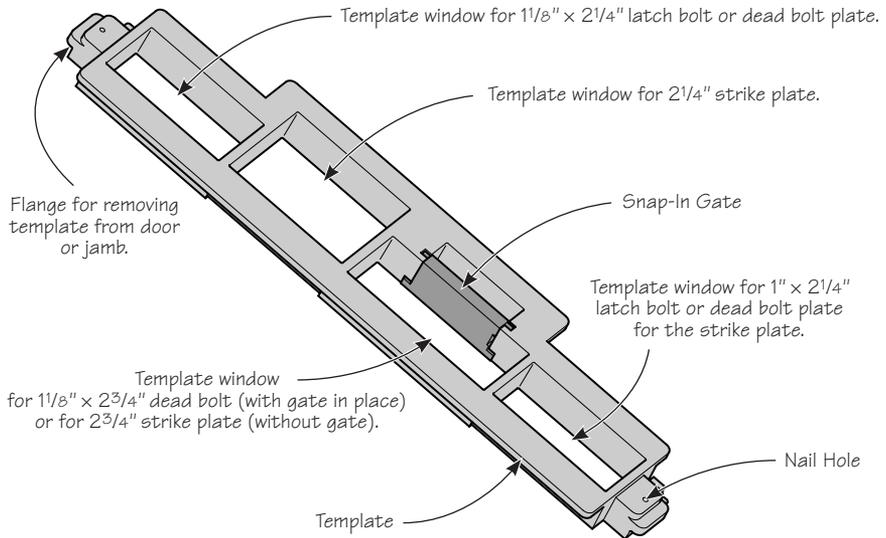


This glass-filled polycarbonate template makes it easy to rout mortises for the strike and latch plate on a doorjamb and on a door that is  $1\frac{3}{8}$ " or  $1\frac{3}{4}$ " thick.

It includes four windows, as shown in **Figure 1**:

- One for  $1\frac{1}{8}$ "  $\times$   $2\frac{1}{4}$ " latch bolt or dead bolt plate,
- One for  $2\frac{1}{4}$ " strike plate,
- One for  $1\frac{1}{8}$ "  $\times$   $2\frac{3}{4}$ " dead bolt or  $2\frac{3}{4}$ " strike plate, and
- One for  $1$ "  $\times$   $2\frac{1}{4}$ " latch bolt or dead bolt plate for the strike plate.

The template is designed with a built-in  $\frac{1}{16}$ " offset so it can be used with a  $\frac{1}{2}$ " dia. straight double-flute router bit and a  $\frac{5}{8}$ " O.D. template guide (or a  $\frac{1}{2}$ " dia. hinge mortising bit and a  $\frac{5}{8}$ " bearing.)

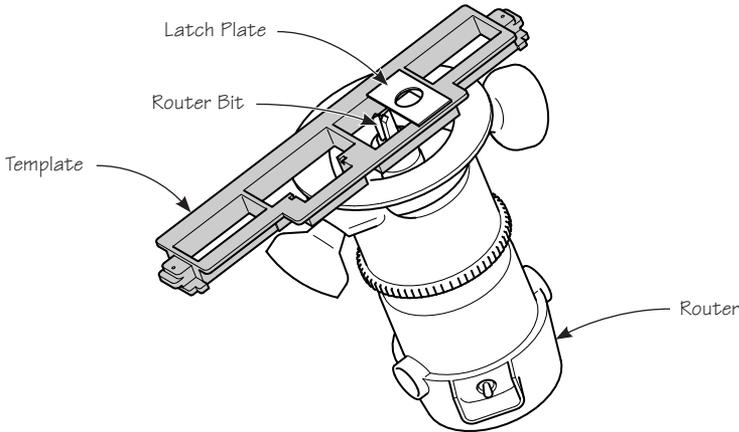


**Figure 1: Template window identification.**

**Caution:** Be sure to follow the safety instructions that came with your router. Make sure the workpiece is free from nails or other foreign objects, and always maintain proper footing and balance.

## Setting Router Bit Depth

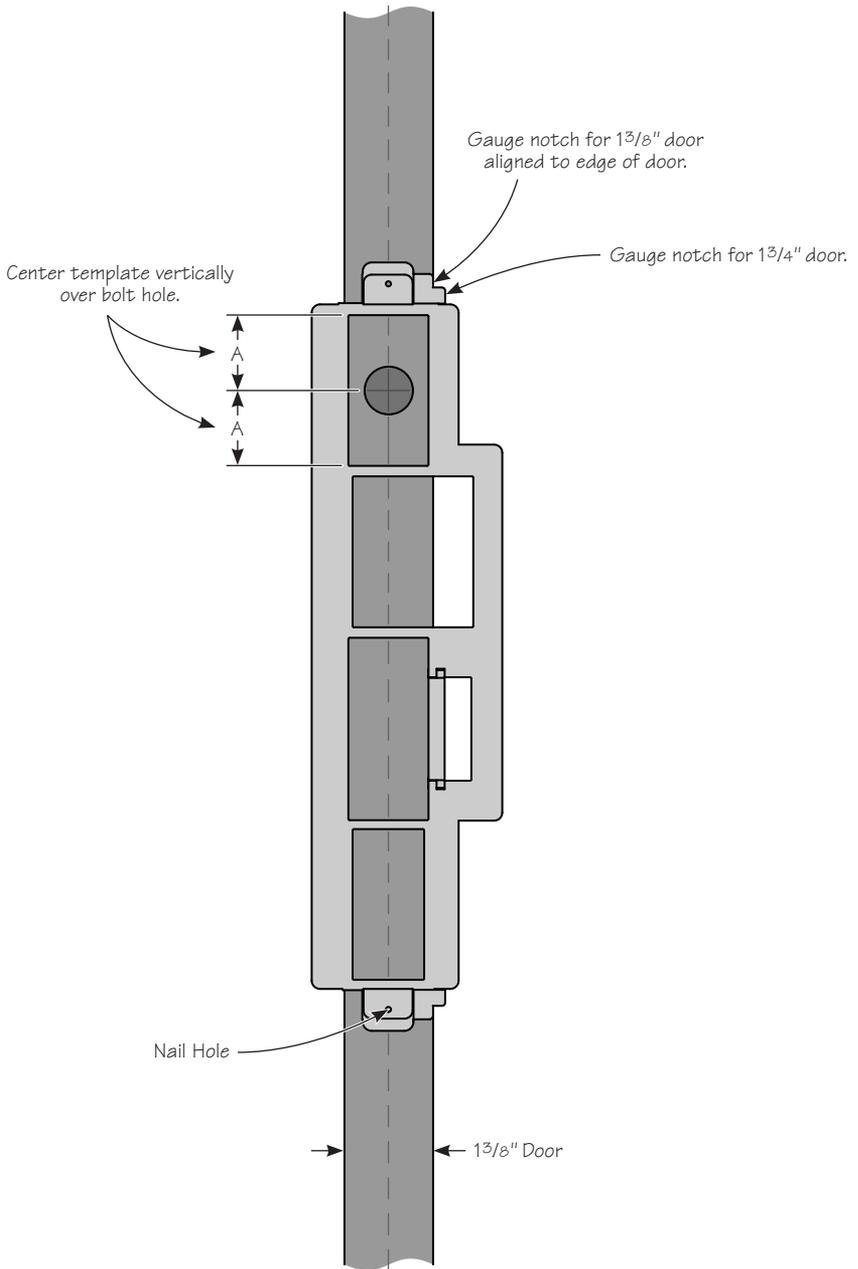
1. Chuck the bit in your router.
2. Flip the router over so you can see the bit.
3. Set the template on the router's base plate, and then place the strike/latch plate on top of the template, as shown in **Figure 2**.
4. Adjust bit height until it is flush with the underside of the plate.



**Figure 2: Setting bit depth.**

## Latch Plate

1. Select the appropriate opening, and center it vertically over the bolt hole, as shown in **Figure 3**. (For a  $1\frac{1}{8}'' \times 2\frac{3}{4}''$  dead bolt, snap the gate in place.)
2. Align the appropriate notch (for  $1\frac{3}{8}''$  or  $1\frac{3}{4}''$  thick door) against the edge of the door, as shown in **Figure 3**. The gauge will automatically set the template on center line of door. Adjust if required to ensure the template is vertically centered over bolt hole.



**Figure 3: Template set-up for use on door.**

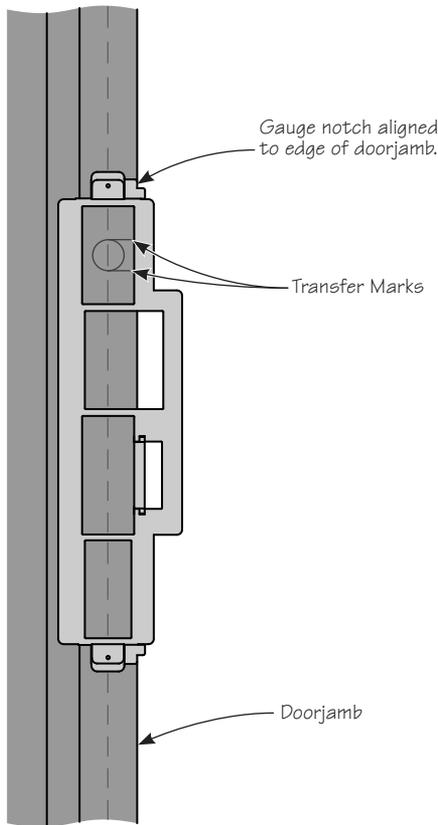
3. Nail the top and bottom of the template to the door.
4. Rout the mortise into the edge of the door.

*Note: For best results, rout in the clockwise direction. Proceed with caution when using the mortising bit and bearing for shallow cuts, as only a portion of the bearing will be in contact with the template.*

5. Pry under the flange behind the nail holder to remove the template from the door.
6. Install the latch bolt on the door. Close the door against the doorjamb, then transfer the location of the top and bottom of the bolt onto the doorjamb.

## Strike Plate

1. Select the appropriate opening, and align it vertically with the transfer marks on the doorjamb, as shown in **Figure 4**. (For a  $2\frac{3}{4}$ " strike plate, remove the gate.)



**Figure 4: Template set-up for use on doorjamb.**

2. Align the appropriate notch (for  $1\frac{3}{8}$ " or  $1\frac{3}{4}$ " thick door) against the edge of the doorjamb, as shown in **Figure 4**.
3. Nail the top and bottom of the template to the doorjamb.
4. Rout the mortise into the doorjamb.
5. Pry under the flange behind the nail holder to remove the template from the doorjamb.
6. Install the strike plate on the doorjamb.



**Tip:** Use a corner chisel to quickly square the corners of a routed mortise.

## Accessory

**15J75.01** Hinge Mortising Template