

The Porter-Cable 59375 Strike and Latch Template will help your router create strike and latch mortises for your doors and door frames. The following instructions assume:

1. Door is the proper size for door frame
2. Door is pre-drilled for the doorknob and bolt hardware that is sold separately

SIZING THE TEMPLATE WINDOW

The template can be used to create strike and latch plate mortises for the following standard sizes:

1. **1" wide and 2-1/4" tall.** For this size, use the top window with both inserts (A and B) Fig. 1 oriented as shown.
2. **1-1/8" wide and 2-1/4" tall.** For this size, use the top window with insert (A) Fig. 1 removed and insert (B) oriented as shown in Fig. 2.

NOTE: For these first two sizes, the corresponding strike plate template is formed by removing insert (B) Fig. 1 and 2.

3. **1-1/8" wide and 2-3/4" tall.** For this size, use the bottom window with short insert (C) Fig. 3 in place.

NOTE: On this size, the standard corresponding strike plate is T-shaped. The proper template for this T-shaped mortise is created by removing the short insert (C).

NOTE: To allow clearance for router bit guide bearing, template guide windows are 1/8" larger than actual strike or latch plate size.

DOOR THICKNESS STOPS

Once the template window is sized, move peg (D) Fig. 4 to proper door thickness stop (E). (Stops are included for doors 1-3/8" to 2-1/2" thick). Insert and twist peg clockwise to lock. Repeat for other end.

NOTE: Two extra pegs are included.

SETTING THE BIT DEPTH

⚠ WARNING: Make sure router is disconnected from power supply.

⚠ WARNING: Read your router's instruction manual before installing the bit.

Install included bit, turn router upside down and place template and strike plate (or latch plate) on top of the sub-base as shown in Fig. 5. Adjust the bit so it is flush with plate.

NOTE: Bit included is 1/2" cutting diameter with 5/8" diameter bearing. (Recommended replacement bit is Porter-Cable model 43671PC.)

NOTE: If you need to cut a latch and strike plate mortise for the same door, we suggest you start with the latch plate mortise. If you are only cutting a strike plate mortise, proceed to **CENTERING THE TEMPLATE ON DOOR FRAME.**

CENTERING THE TEMPLATE OVER BOLT HOLE

Mark a center line (F) Fig. 6 across the door's pre-drilled bolt hole as shown. Align the center lines of the template (G) Fig. 6 with line (F).

NOTE: Be sure template is oriented with door thickness pegs resting on the side of the door that opens into the room.

With door thickness pegs snug against the door, nail template firmly in place at holes (H) Fig. 6 using supplied three-penny double-headed nails.

ROUTING THE LATCH PLATE MORTISE

⚠ WARNING: Read your router's instruction manual before making the cut.

⚠ WARNING: Be sure door is secured and will not move while cut is made. Rout the latch plate mortise into the door. Start router slowly into the wood and gradually guide the router bit's bearing around the template clockwise until proper mortise is cut.

REMOVING THE TEMPLATE

Use a claw hammer to carefully pull out nails and remove template from door.

NOTE: If single-headed replacement nails are used, insert claw hammer under the lip (J) Fig. 7 that extends off the end of the template to raise nail head above template. Then insert claw under the nail head (K) Fig. 8 and carefully remove nail.

NOTE: For square-cornered latch plates, chisel corners to fit plate. (Fig. 9)

Figure 10 illustrates a finished latch plate mortise.

Install latch plate and door knob/bolt to door.

CENTERING THE TEMPLATE ON DOOR FRAME

Move door to frame and make marks (L) Fig. 11 at the top and bottom of bolt (M). Find the center (N) between marks (L) and transfer this center line to the door frame (O) Fig. 12 where the strike plate will be installed. Be sure the bit depth is set properly for the strike plate. (See **SETTING THE BIT DEPTH.**)

Align template center lines (P) Fig. 12 to the center line (O) on door frame and nail in place at holes (Q).

NOTE: For standard strike plates, remove the template's forward insert (B) Fig. 1 before making the cut. For T-shaped strike plates, remove insert (C) Fig. 3 before making the cut.

NOTE: Be sure template is aligned so the pins are resting against the face of the frame where you made marks (L) Fig. 11. Be sure the Porter-Cable logo side is oriented into the room where the door opens.

ROUTING THE STRIKE PLATE MORTISE

⚠ WARNING: Read your router's instruction manual before making the cut. Rout the strike plate mortise into door frame (S) Fig. 12. Start router slowly into the wood and gradually guide the router bit's bearing around the template clockwise until all material is removed.

REMOVING THE TEMPLATE

Use claw hammer to carefully pull nails and remove template from frame.

NOTE: If single-headed replacement nails are used, insert claw hammer under the lip (J) Fig. 7 that extends off the end of the template to raise nail head above template. Then insert claw under the nail head (K) Fig. 8 and carefully remove nail.

NOTE: For square-corner strike plates, chisel corners to fit plate. (Fig. 9)

Figure 13 illustrates a finished mortise for a standard strike plate. Figure 14 illustrates a finished mortise for a T-shaped strike plate.

COMPLETING THE TASK

Install the strike plate onto door frame following the plate manufacturer's directions.



