INDEXING (Figure 5)

If more holes are needed, remove the end pin, slide the template along the board until an existing template hole lines up with a drilled hole, flip the pin up side down and insert it into one of the larger holes to index the template. ***Do not use the end reference hole to index. This will cause incorrect spacing.***
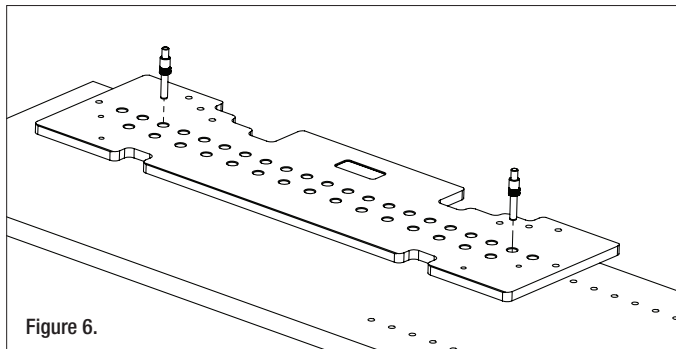

Figure 6.

LOCKING TEMPLATE IN PLACE FOR DRILLING (Figure 6)

When drilling, it's not necessary to clamp the template in place. In fact if you start by drilling one hole toward each end of the template, you can lock it in place with one pin in each hole as shown in Figure 6.

If you plan on plunge routing the holes, you'll most likely need to clamp the template in place.

IMPORTANT: DON'T RUIN YOUR PROJECT!

Unless you need the pin holes to go through your work piece, find a way to limit their depth. Self centering drills like the Snappy Shelf Pin Drill eliminate this risk because they only allow ½" of travel. A router on the other hand can easily plunge a bit completely through the material. Plan ahead and set a stop if your router has one. For most pins, the hole should be ½" deep.

Woodpeckers®
PRECISION WOODWORKING TOOLS

Combination inch / metric.
SHELF PIN TEMPLATE

The Woodpeckers Shelf Pin Template makes it easy to drill or rout shelf pin holes. This heavy duty template combines both inch and metric hole spacing and includes six steel indexing pins.

Made in U.S.A.

USING A DRILL

A self-centering drill such as the Snappy Shelf Pin Drill is an ideal way to make the holes using a drill. As can be seen in Figure 1, this type of bit acts as its own guide bushing. These drills are available in either ¼" or 5 MM. (Not included).
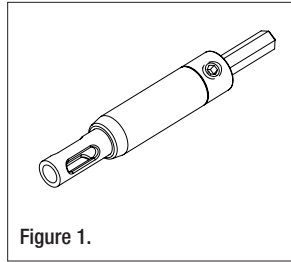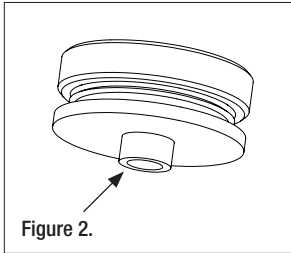
Figure 1.

USING A ROUTER

All of the guide holes in the template are ⅜" in diameter. That means they match up with template guide bushings for your router that are ⅜" in diameter. If you install this size bushing in your plunge router, you can make very crisp pin holes. (Not included).
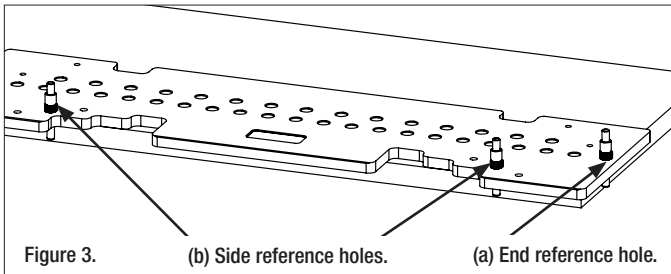
Figure 2.

Figure 3.   (b) Side reference holes.   (a) End reference hole.

SET UP

Six different steel pins are included with your Shelf Pin Template. Three each ¼" and 5 MM. You'll need which ever three match the side of the template you'll be using, Inch or Metric.

The pins work the same for inch or metric holes. One pin is installed in a end reference hole (a), and the other two go into the side reference holes (b). Pin (a) ensures that the shelf pin holes start out the same distance from the end of the board. Pins (b) set how far the holes are set back from the board edge.

For inch spaced holes, there are three different set backs, 1½", 2" and 2½". Set back is the distance the row of holes is spaced from the side of the board. The set back distance for the metric side is 37 MM.

If you wanted the holes spaced 2" from the edge, put a pin in each of the two holes marked 2" and slide the template against your board.
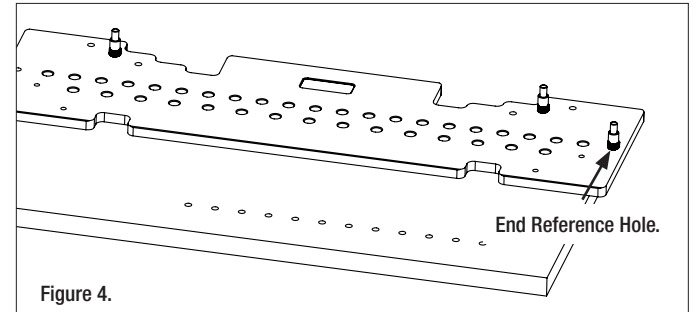
Figure 4.   End Reference Hole.

ROTATING THE TEMPLATE (Figure 4)

Another thing to know is that the template is symmetrical from end to end. That means that once you've drilled a row of holes off the front edge, you can rotate the template to the back edge and be assured the holes will be lined up with the front ones. To rotate the template, remove the end pin, flip the template around and re-install the pin in the new end reference hole. Then position the template against the back edge and keep working.
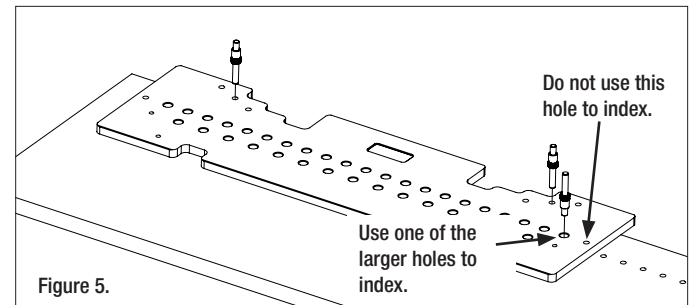
Figure 5.   Do not use this hole to index.   Use one of the larger holes to index.