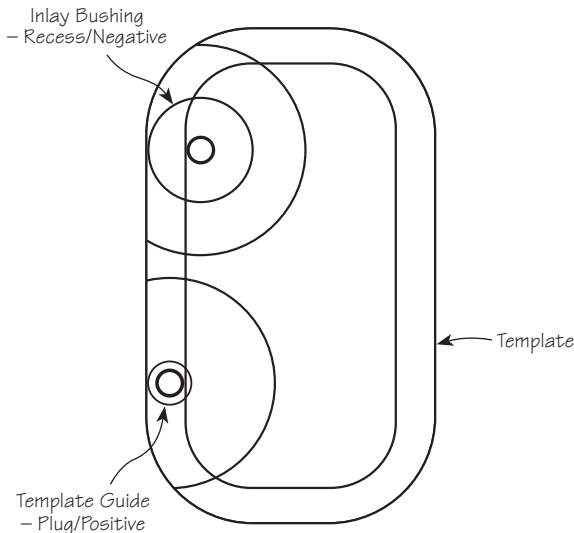


## Inlay Bushing

An inlay bushing, teamed up with the corresponding template guide, allows you to make an inlay plug and mating recess from the same template. Our inlay bushings are sized specifically for use with the Veritas® Base Plates for Compact Routers. The 1/4" inlay bushing (05J66.21) with a 1/2" O.D is for use with a 1/8" bit and requires the 1/4" template guide (05J66.20). The 3/8" inlay bushing (05J66.25) with a 7/8" O.D is for use with a 1/4" bit and requires the 3/8" template guide (05J66.24).

The inlay bushing positions the bit to cut the inlay recess (or negative), and the template guide positions the bit to cut the plug (positive), as shown in **Figure 1**. The difference between the outside diameter of the inlay bushing and the template guide creates a common amount of offset to ensure a snug fit.



**Figure 1: Inlay bushing and template guide.**

It is important that the bushings be concentric with the bit; otherwise, the fit between the plug and the recess may not be uniform around the perimeter. To minimize this error, maintain a constant orientation of the compact router as you rout around the template when cutting both pieces.

It is a good idea to test your set-up in order to foresee any problems.

Use the following procedure to cut both the recess and the plug from a template.

1. Securely install the inlay bushing to the base plate.
2. Install the appropriate bit (e.g., 1/8" bit with 1/4" inlay bushing).
3. Use double-sided tape to secure your template to the workpiece that will have the recess. Set the depth of the cut to equal the combined thickness of your template, your inlay plug thickness, and the double-sided tape.
4. Rout the recess in a clockwise direction around the template, making sure to remove all the internal material. Try to maintain a constant orientation of the compact router as you rout around the template.
5. Remove the inlay bushing from the base plate and install the corresponding template guide.
6. Secure the template to the material from which you will make the inlay plug. To prevent the inlay plug from being dislodged once the cut is complete, ensure that the area that will become the plug is secured to a larger piece of scrap wood with double-sided tape.
7. Set the depth of cut to sufficiently cut through the material if it is already the same thickness as the depth of the recess, or cut deep enough into the solid material so that you can cut it free on a bandsaw later. Rout the inlay plug in a clockwise direction around the template. When cutting the inlay plug, it is essential that the template guide does not lose contact with the edge of the template, or you will damage the plug.
8. Once the plug is cut free, it should fit snugly into the recess.