

Bishop Cochran

Inlay Kit Instructions for Template Guide Base

To make an inlay of a given size, a negative pattern must be made which includes a $7/32$ " perimeter offset. This is the correct offset for the supplied $1/8$ " bit. Thus, to inlay a circle 3" in diameter, the negative template pattern must be 3 and $14/32$ " in diameter.

- Step 1:** Make a negative pattern out of $1/4$ " thick stock in the desired shape but with the above $7/32$ " perimeter offset. Masonite, wood, or acrylic plastic work well for this.
- Step 2:** Attach this to the surface you wish to inlay. Two sided carpet tape is excellent for this purpose, although nails or screws will work too if the holes they make don't damage the work. If you use screws or nails make sure they don't protrude where the router base will run into them.
- Step 3:** Cutting the Negative: With the larger $9/16$ bushing on the template guide, cut around the pattern in a clockwise direction with the supplied $1/8$ " downcut carbide bit. After the perimeter is cut, remove the rest of the material. Depth of cut should not exceed $3/16$ "
- Step 4:** Cutting the Positive: Remove the pattern and attach it to the material you wish to use for the inlay. Remove the larger $9/16$ bushing and carefully cut round the perimeter of the pattern. Cut all the way through the stock, which should not exceed $3/16$ " in thickness.
- Step 5:** Fitting the Inlay: Depending on the material, and the condition of bit and router bearings, the inlay may need slight sanding for the correct fit. Practice on scrap first before attempting the final operation.

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We welcome your questions, suggestions and comments.