

Woodline's Inlay Kit



Woodline's Inlay Kit includes the $1\frac{3}{16}$ " diameter, 2 piece guide bushing with locking nut and a $\frac{1}{8}$ " down spiral bit.

You will need to purchase or make a pattern to follow. Woodline's patterns are made from $\frac{1}{4}$ " HDPE for a smooth routing surface. Masonite® or any other similar material may be used. If making your own template, be sure to make it wide enough that the router will not tip during use, and any internal dimensions must be at least $\frac{9}{16}$ " wide to accommodate the width of the snap-on bushing. Also remember that the tightest radius available with the inlay kit is $\frac{1}{8}$ ". If you require a tighter radius or a perfect angle, you should investigate marquetry work.

The same pattern is used for both the inner and outer operations. The offset of the snap-on bushing is equal to the width of the spiral router bit. We recommend mounting the pattern to the workpieces with sturdy double-sided tape, such as carpet tape found at your local home improvement store. Attach the 2 piece guide bushing to your router base plate with the locking ring. Be sure that the guide extends below the router base plate. We recommend using a plunge router. The cutting depth of the router should equal the desired thickness of the inlay material, ideally $\frac{1}{8}$ ".

Position the router over the template with the guide lip tight against the edge of the template. Carefully plunge the bit into the workpiece and run the router in a clockwise direction around the template. This procedure will outline the pattern. We recommend switching to a larger bit and bushing to clean out the interior of the pattern. Using the $\frac{1}{8}$ " bit to clean the center will cause too much wear on the spiral and take considerably more time and effort on your part.

For the interior of the inlay, mount the pattern in the same manner to the alternate material. Depending on the thickness of this wood, you may need to also use double-sided tape to mount this material to a piece of scrap so that the inlay is not damaged if it is cut free from the surrounding wood. Alternatively, you may wish to cut partially into a thicker piece of stock and then cut the inlay free using a band saw. With the snap-on bushing removed, cut carefully again in a clockwise direction staying close to the edge. Any mistake here will ruin the inlay piece.

Carefully check the fit of the two pieces without applying pressure. You may wish to slightly bevel the back edge of the inlay for an easier fit or to correct any rough spots. When you are satisfied with the fit, apply a small amount of the appropriate adhesive to both pieces. With a scrap of wood spanning the width of the inlay, gently tap the inlay into the recess. Sand the inlay flush for a perfect match. You may also choose to recess the inlay or slightly raise it from the base and sand the edges smooth.