

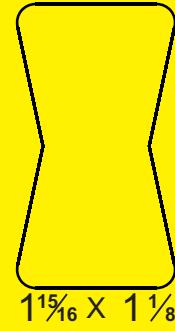
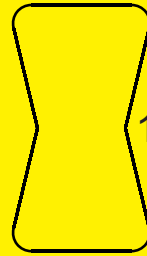
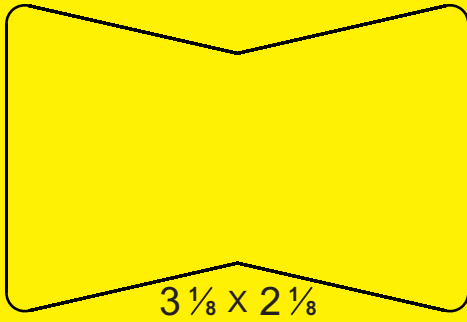
# JASPER TOOLS

## BUTTERFLY TEMPLATE

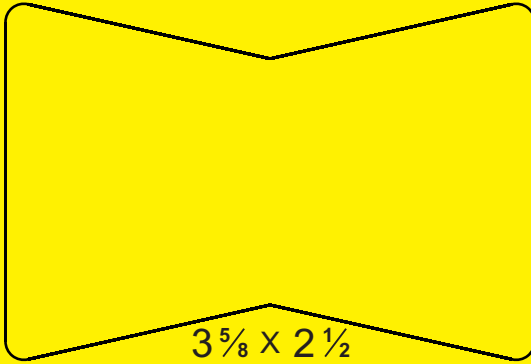
ADD DECORATIVE DETAIL, COVER BLEMISHES,  
AND STOP CRACKS FROM PROGRESSING ON TABLE TOPS AND CHESTS

### JASPER TOOLS BUTTERFLY TEMPLATE

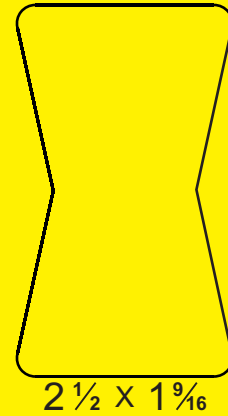
Place Double-side Tape Here



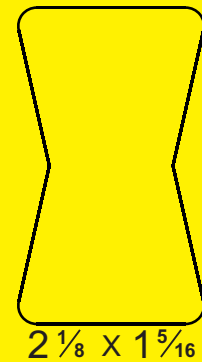
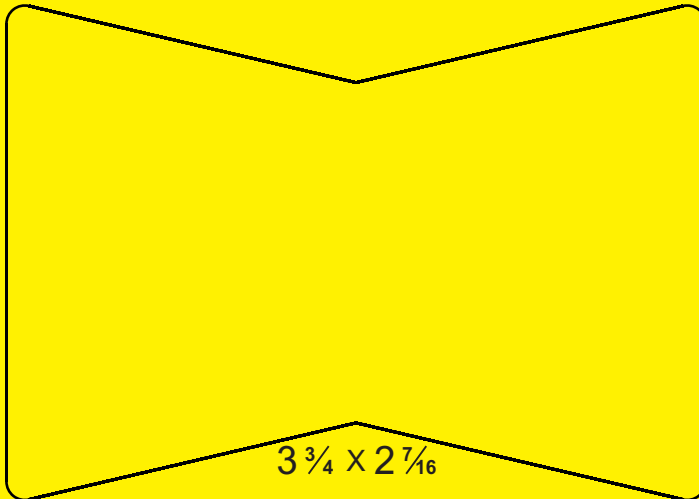
Place Double-side Tape Here



Place Double-side Tape Here



Place Double-side Tape Here



Place Double-side Tape Here

**MADE IN USA**

CAUTION! Be Sure Router is Unplugged When Changing Router Bits, and Wear Eye Protection When Using This Product

No. 100

# Jasper Butterfly Template Instructions

## General

The Jasper butterfly template is excellent for adding decorative details, covering blemishes, or stopping cracks from progressing on table tops or chests. Cut both inset and inlay with the same template by using a **router inlay kit** (not included). Overall size of the template is approximately 10 by 11.8 inches. The approximate template cutout sizes are labeled on the template package. The actual size of the inlay will be **smaller** than the template cutout by the **Bit Diameter + the Guide Bushing Diameter**. The instructions are for a **plunge base** router. Please save these instructions for future reference.

## Mounting the Template on the Workpiece

The following mounting instructions are for both the inset and the inlay. Determine the required size of the butterfly inlay and locate that opening in the desired position on the workpiece. Use double-sided tape to hold the template in place. It is important to use the correct amount of tape. Too much tape will make the template hard to remove from the workpiece and may result in damage to the workpiece or template. Recommended sizes and locations of tape are printed on the template package in dotted lines. For most applications four or five pieces of tape one by two inches will be adequate (8 to 10 square inches). Tabs are milled in the template to help in removing the template from the workpiece. Tape should be located close to these tabs to make removal easier. Two tabs are located at the top and bottom of the template that are not marked on the package due to other text. Tape may be positioned in other locations if required by the particular setup. Depending on the surface of the workpiece (oil based stains etc.) more tape may be required.

## Making the Inlay

Use a backup material such as MDF and mount the inlay material on the backup with double-sided tape. Use a very small piece of tape under the inlay part so it can be removed without breaking it. Using the mounting instructions above, attach the template to the inlay material. You may want to use the minimum amount of thin inlay material since the remainder may be destroyed while removing it from the template. Assemble the guide bushing and 1/8 inch router bit from your **router inlay kit** on your router. Do **not** install the collar from the router inlay kit on the bushing. You can adapt your router for the guide bushing by using a Jasper Model 525, or 575 base plate that is designed for the guide bushing. Set the plunge depth on your router to just cut through the inlay material and slightly into the backup. If this is your first time to use the template, you may want to practice following the outline in a counterclockwise direction without moving off the template. Moving in a counterclockwise direction will cause the router to hug the template rather than tending to move away from the template. When you feel comfortable following the template with the router, you can set the guide bushing on the template wall, turn on the router, and route the inlay. The inlay piece can now be removed from the backup.

## Making the Inset

Mount the template on the workpiece as described above. Install the collar from the router inlay kit on the guide bushing. Carefully set the plunge depth of the router so that the inlay is not too deep or too high. You could anticipate slightly sanding the inlay to make it smooth with the surface. Turn on your router and route the outside following the template, then continue in a back and forth pattern to completely smooth the inset bottom.

## Installing the Inlay

The inlay will have sharp corners where the inset corners have the bit radius. This radius must be cut to match the inlay. This is usually done with a small chisel. Then carefully clean all cuttings and dust from the inlay and inset. Apply a minimum amount of glue to the inset to prevent excessive squeezing. Clamp a piece of MDF over the inlay using wax paper (with the wax side down) between the inlay and MDF to prevent the glue from sticking to the MDF. You may wax the MDF instead of using the wax paper. When the glue has dried, remove the clamp and MDF. Sand the surface smooth and apply the finish coat.

**Model 100 Butterfly Template**  
**MADE IN USA**