

DOOR & DRAWER ROUTER CARVING TEMPLATE SET

Introduction

With this template set, you will be able to make beautiful “chip style” carvings on your cabinet doors and drawers. Each template is capable of making multiple patterns depending on how detailed you want your final look to be. The set comes with a unique cone shaped router bit that gives you that “chipped carved” look. In these instructions, we will show you how to setup your router, the bit, the templates and finally, how to carve the patterns with your router. Before we begin, let's talk safety...

Caution:

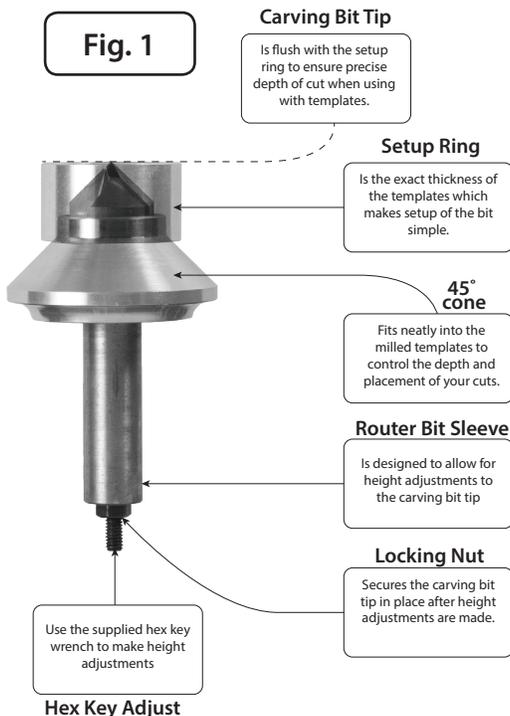
Read and follow all safety rules and operating instructions before using products. Please be sure to ALWAYS turn off and unplug your power tools such as your router before making any changes or adjustments. ALWAYS wear safety glasses when operating power tools.

WARNING! Do Not Use With Fixed Base Routers

The Door and Drawer Router Carving Template Set has been designed to be used with a plunge style router only. Using a fixed router may result in damaging the templates and may even cause injury.

Setting up your router and carving bit

The carving bit that is included in this set uses a special setup ring to precisely set the cutting depth of the bit. (see figure 1). The setup ring mirrors the thickness of the templates, which ensures that the bit will just be touching the surface of the workpiece at the start of the cut.



Adjust the bit by loosening the nut at the bottom of the shank of the bit. Once loose, use the hex key wrench on the bottom of the threaded shaft to turn the cutter in or out as needed. The cutter should be flush with the top of the setup ring. Secure the nut.

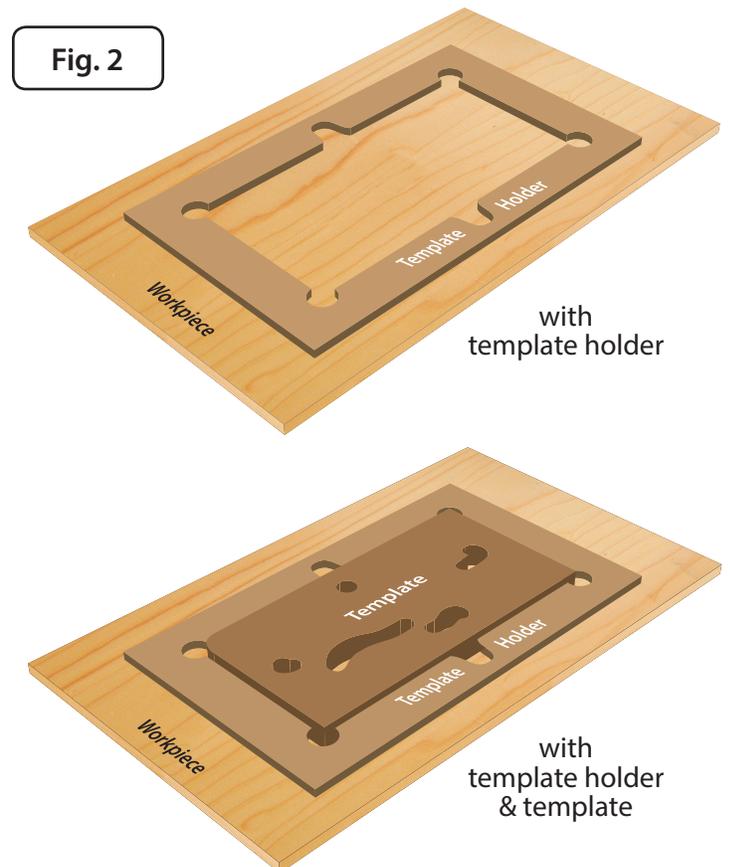
Install the carving bit into your plunge router and secure the router collet. Release the plunge mechanism on your router. This will give you the ability to transition from one template guide slot opening to the next with little effort.

Shop Note:

It is recommended that you keep your router plunge guide mechanism well lubricated. Doing so will keep you from sticking and make for cleaner transitions from one slot opening to the next.

Set up the Holders and Templates

Choose the desired template design and its corresponding template holder. With a c-clamp or f style clamp, secure the template holder and workpiece to a workbench or table top surface. Insert the desired template into the template holder. Make sure the template holder and template are positioned and/or centered to your workpiece as needed. See figure 2.



Making the Cuts

With your router resting on top of the template with the plunge mechanism released, position the router and bit over the widest part of a template slot (*this helps prevent contacting the sides of the slots with the cutter*). Turn the router on. Plunge the router down until the carving bit cone comes in contact with both edges of the slot. Move the router from one end of the slot to the other end of the slot. Make one pass through the entire slot removing the bulk of the material. Make a second finishing pass to get rid of any missed areas.

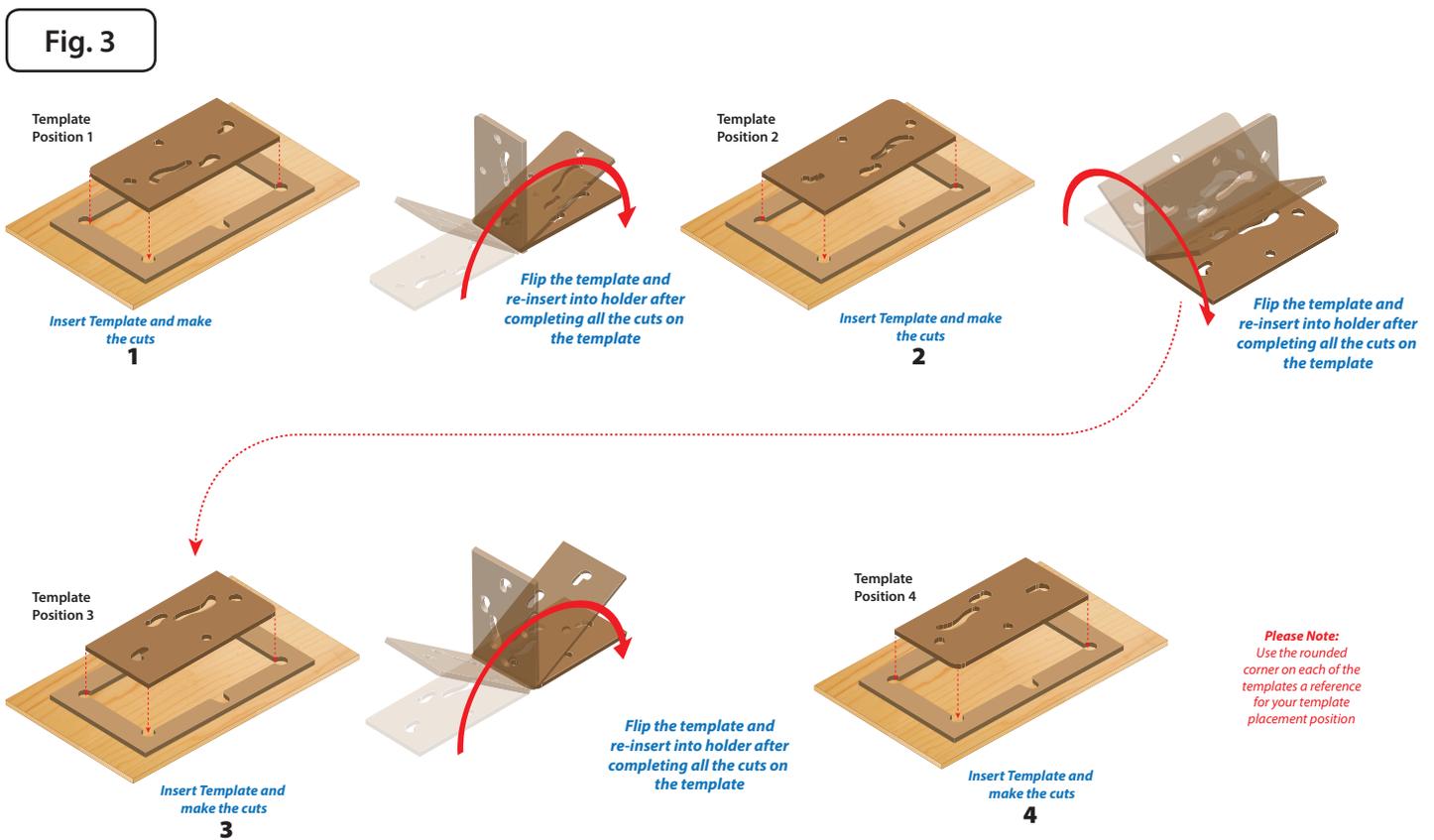
Shop Note:

The overall depth and width of your cuts will be controlled by the carving bit and the template slots. Always keep a slight downward pressure on the router while cutting. As the cone guide on the router bit follows the template slot, it will automatically raise and lower your router to produce the chipped carve look on your workpiece.

Repeat this process on each slot in the template. When all of the cuts are complete on the first series of cuts, flip the template as detailed in the following section.

Template Positioning

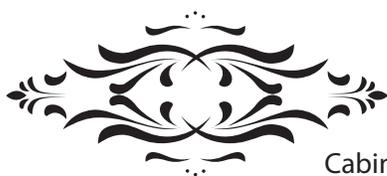
The templates in this set are designed to be routed 4 different times per template. This simply means that after the initial series of cuts, you will flip the template in the exact opposite position and cut again. See Figure 3.



Finished Door and or Drawer

Once complete, your door or drawer patterns should resemble the designs shown in figure 4 below.

Fig. 4



Cabinet Door Design



Cabinet Drawer Design