



Using Your CMT Drawer Lock Set

Safety Precautions:

- ◆ Thoroughly check all tools for damage and flaws before using.
- ◆ Wear safety glasses and ear protection when using power tools.
- ◆ Be sure that at least 75% of the shank is securely inserted into the collet of the router.
- ◆ Use a router table and fence.
- ◆ Keep your tools sharpened, clean and stored in a safe place.
- ◆ Reduce the router speed when working with larger diameter bits. The raised panel bit should be used at speeds of 12,000 RPM or less. If your router does not have a built-in speed control, a number of speed controls are commercially available.
- ◆ Take care to remove large quantities of stock (cross section > 3/8" (10mm)) in more than one cut.
- ◆ **NEVER** use dull or defective router bits.
- ◆ **NEVER** force the shank entirely into the collet (bottoming out). Leave about a 1/8" space between the end of the bit's shank and the bottom of the collet.
- ◆ **NEVER** force the cut or overload the router.

Most drawers live a pretty tough life. They're pulled and pushed and usually overloaded, so the key to success when constructing fine drawers is in the quality of the joint you choose for the corners. With CMT Drawer Lock Bits you can make strong, perfectly fitting joints quickly and easily. Be sure to keep the setup illustrations below close by when you build your first joint.

As illustrated below, mill the drawer front with the inside face down on the router table. Mill the sides of the drawer with the inside face of the workpiece placed vertical in relation to the bit and fence, and perpendicular to the table. Make a few test cuts on scrap stock to test your setup. These bits are to be used on router tables only and are not to be used on hand held routers.

