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**DIRECTIONS  
FOR  
HIT-42FB8  
ROUTER  
TEMPLATE**

**USED TO INSTALL  
INGERSOLL RAND  
GLYNN-JOHNSEN  
IVES  
BRAND  
AUTOMATIC FLUSH BOLTS  
IN WOOD DOORS.**



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## ROUTER BASICS

Always wear eye and ear protection.

Never attempt to do an installation without them!!

**DON'T BE STUPID — PROTECT YOURSELF!**

Be sure of the installation before you start, even if this means checking the instructions. Be sure the correct template is used as well as the correct size of router bit and router template guide. Make sure router template is in the correct location prior to routing opening.

Remember, measure twice and cut once. **MAKE SURE A ROUTER TEMPLATE GUIDE IS INSTALLED IN THE BASE OF YOUR ROUTER.**

Make sure the cutter always rotates in a clockwise direction to the wood. Never attempt to back up in a cut.

Do not make adjustments to or install the router bit with the router plugged in.

Never remove the router from the template with it still running. Wait until it comes to a complete stop before removing it from the template. Failure to do so can result in personal injury or damage to your template guide.

Do not attempt to route too deep with one pass. Several passes going deeper each time will produce a better cleaner mortise.



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## INSTRUCTIONS FOR USE WITH HIT-42FB6 ROUTER TEMPLATE SYSTEM

**FOR THIS TEMPLATE SYSTEM WE RECOMMEND THE USE OF A  
PLUNGE ROUTER**

**ALWAYS WEAR EYE AND EAR PROTECTION  
WHEN RUNNING A ROUTER**

### SET UP YOUR ROUTER

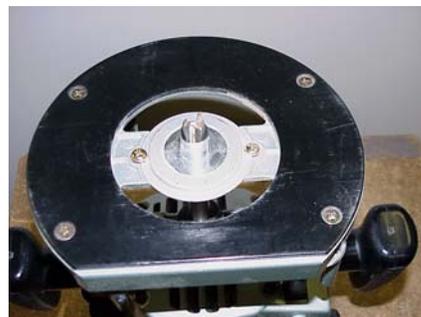
Attach a 5/8" outside diameter router template to the base plate of your router.  
( See our listing for proper router template guides.)

Insert a 1/2" diameter mortising bit (Fig #1) into the router collet and secure tightly.  
( Fig #2 )

Fig #1



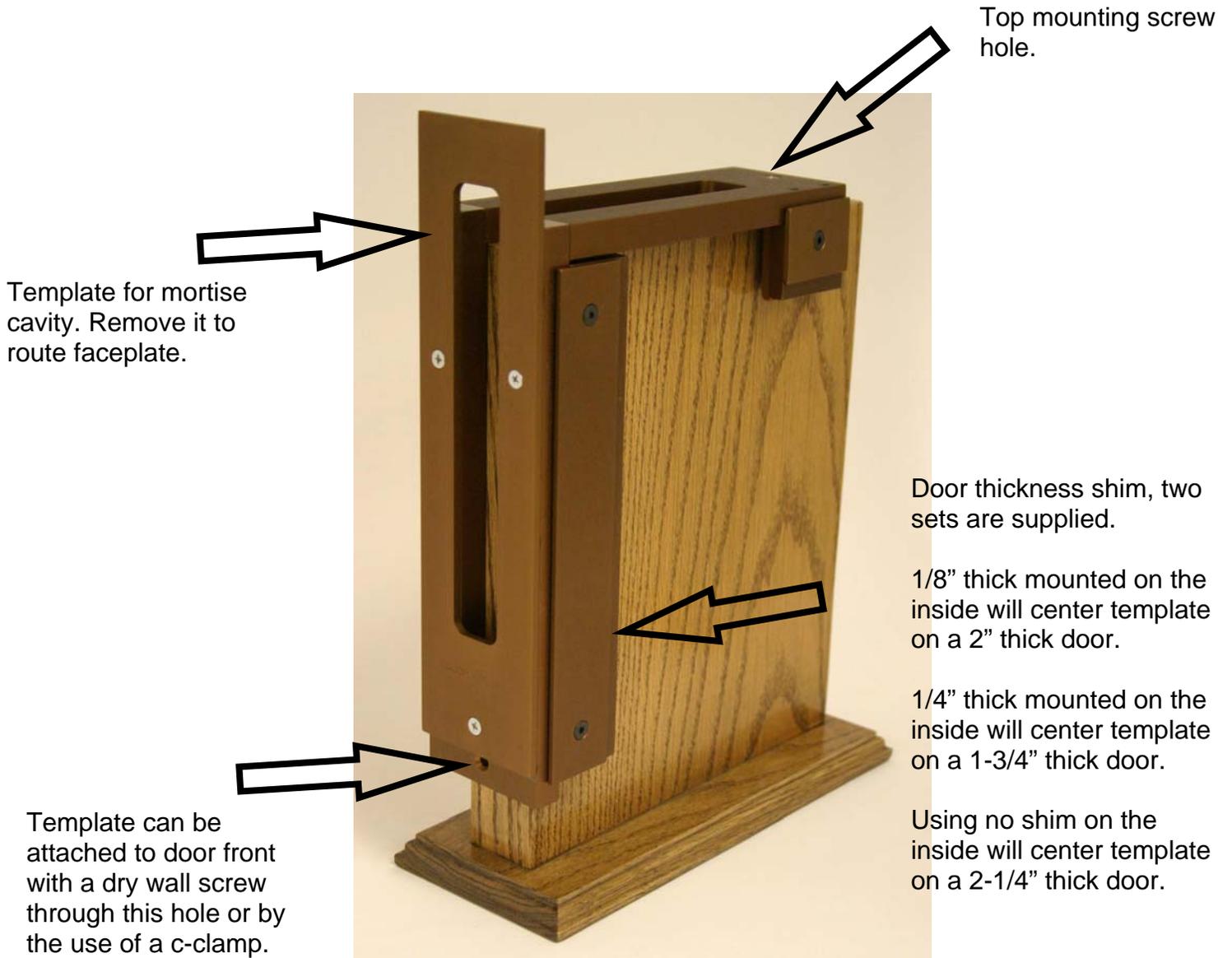
Fig #2



Choose a router bit long enough to reach the bottom of a flush bolt mortise. The router must also have enough throw to reach.

Router base with 5/8" template guide and 1/2" router bit

The HIT-42FB8 can be adjusted to fit a 1-3/4" , 2" or 2-1/4" thick door.  
See below for door thickness range.

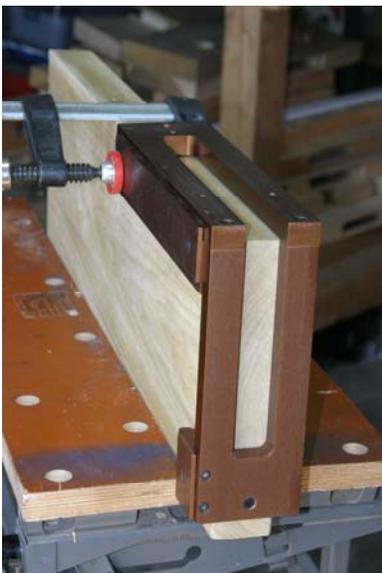




For flush bolt installation, door must be removed from jamb. Secure in a door stand for ease of installation.



Secure template to door. This is accomplished with the use of a dry wall screw in the top and front of door. The hole left on the top of the door will not be seen. The hole on the front of the door can be patched with a dab of putty, or a finish screw can be installed and it will look like part of the installation. See next picture for an alternate method of attaching.



A c-clamp may be used to secure the template as shown.



Adjust the depth of cut on the router and route the faceplate cut out. After routing the door face, route the top of the door.



Attach the template for the mortise cavity, re-adjust the router depth and route the mortise cavity.



**DO NOT ATTEMPT TO MAKE THIS CUT IN ONE PASS!! ROUTE NO MORE THAN 1/4" AT A TIME UNTIL PROPER DEPTH IS REACHED.**



After routing the opening, square the corners with a chisel. This can be accomplished with a standard wood chisel or with the use of a corner squaring chisel.



Squaring the round corners with the use of a corner squaring chisel.



Use a center drill and drill screw mounting holes and install flush bolt per manufacturers instructions.

# COMPLETED INSTALLATION

