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**INSTRUCTIONS
FOR
HIT-66-252 TEMPLATE
FOR
KABA 8100 SERIES
MORTISE LOCK**

**WHEN USING POWER TOOLS
ALWAYS WEAR
EYE AND EAR PROTECTION!!**

THINK SAFETY!!

**WHEN USING POWER TOOLS
ALWAYS WEAR
EYE PROTECTION!!**

Before attempting any installation know how to safely use the power tools involved. Be sure all bits and cutters are sharp and in good condition and all power tools and extension cords are in good working order and properly grounded. **AND MOST IMPORTANTLY, BE SURE TO WEAR, EYE AND EAR PROTECTION.**

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Drill Bit Types



All hole saws are not created equal. A cheap hole saw from a home improvement center or one that has been dropped can be out of round and will not fit the drill bushings in our templates.



Shown above is a standard twist drill bit. They can be used on both wood or steel doors. Be sure to back out the bit when drilling to clear chips.



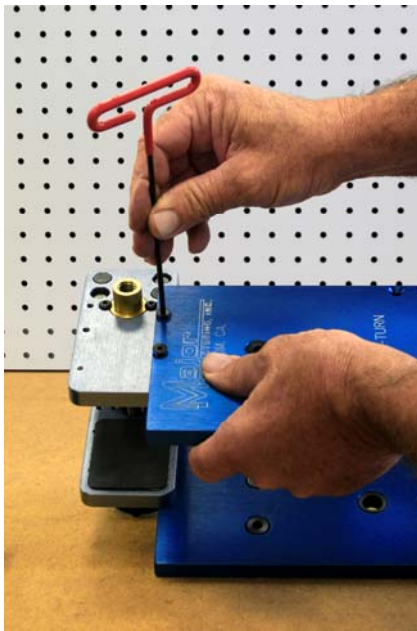
Shown above and at right is a brad point bit. They will produce a very clean hole in a wood door. Use at a low speed and back the bit out to clear chips. Do not use on a steel door.



Shown above is a tri-flute drill bit. Do not attempt to use this in a drill guide. The lack of bearing surface will cause the bit to jam.



Shown above is a spade or paddle type bit. Do not attempt to use this in any drill guide. There is no bearing surface and you will jam the bit.



With both clamps opened equally, install both inside and outside templates to the HIT-66 clamp as shown. Do not tighten the 10-32 screws at this time. When all screws have been loosely installed, then it is ok to tighten.

NOTE: The HIT-66 clamps shown are not part of the HIT-66-252 template set and must be purchased as a separate item.



Install the alignment guide to either side of the template set. This is used to align the template with the mortise pocket.

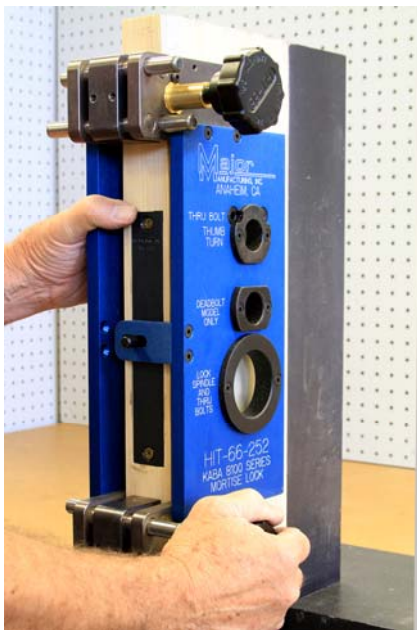


Shown is a standard mortise pocket, we will use this as a basis for the Kaba 8100 series install.

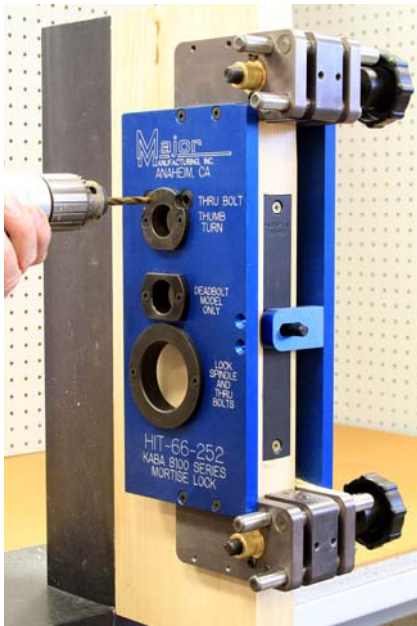
This pocket can be installed with the HIT-66-200 mortising Attachment and one of our faceplate routing tools.



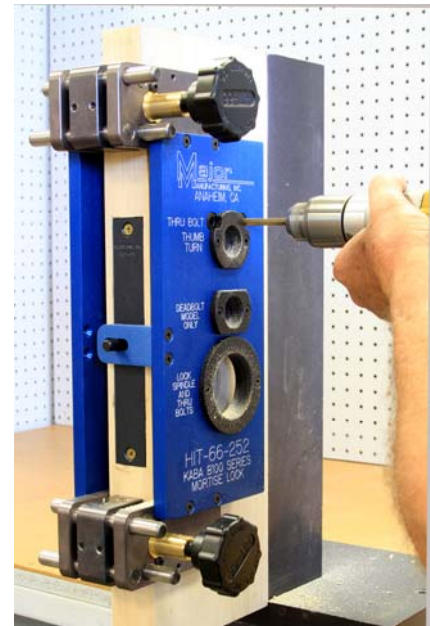
Install the mortise lock positioning plate. The plate will fit into the 1-1/4" x 8" faceplate cut out. There will be a 3/8" diameter pin centered on the plate. There is no top or bottom to worry about.

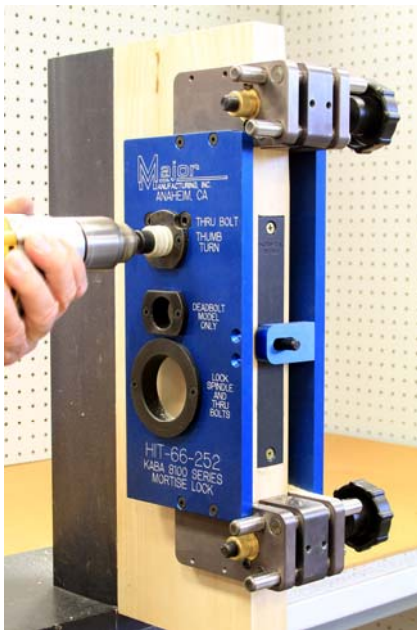


Slide the HIT-66 alignment fixture over the alignment pin and tighten to door. Alternate tightening between the top and bottom clamp. Do not attempt to tighten one clamp all the way at once.



There are two drill guides that are for the thru bolt mounting holes. They are 1/4" diameter. Drill both holes half way from both sides of the door.

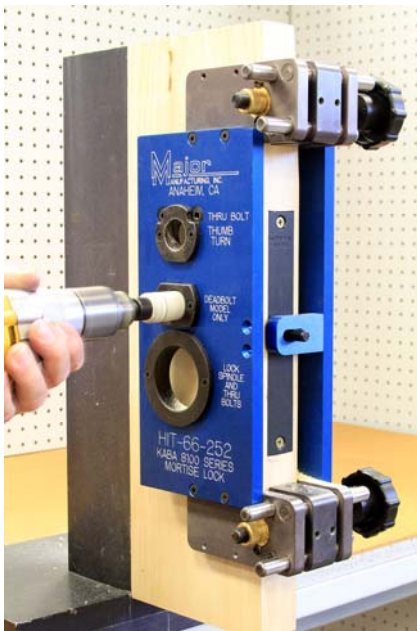




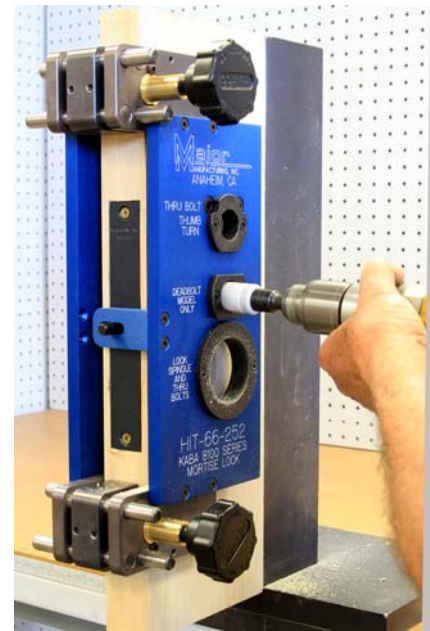
The next hole down is marked thumb turn. It is a 1” diameter hole and can be drilled thru the door using a hole saw, Drill half way from both sides of the door.



The next hole down is marked Dead Bolt Hole Only. It is a 1” diameter hole and can be drilled thru the door using a hole saw, Drill half way from both sides of the door.



DRILL THIS HOLE ONLY IF INSTALLING A DEAD BOLT MODEL.



The last hole needed is for the lock spindle and thru bolts. It is a 2-1/8” hole and can be drilled with a hole saw. Drill this hole half way from both sides of the door.

The installation is now complete and the HIT-66 can be removed from the door.





Completed installation

That's all there is to it!

Visit our web site at www.majormfg.com for more information on lock templates and a complete listing of all the tools we have available. While there, sign up for our newsletter and we will email new product

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