Major

MANUFACTURING, INC.

1825 VIA BURTON
ANAHEIM CA 92806
714-772-5202 / FAX 714-772-2302
EMAIL: MAIL@MAJORMFG.COM
WEB: WWW.MAJORMFG.COM

INSTRUCTIONS
FOR
HIT-66-235 TEMPLATE
FOR
CORBIN / RUSSWIN
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.**

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.

NOTE: The HIT-66 clamps shown are not part of the HIT-66-235 template set and must be purchased as a separate item.

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.

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 Corbin / Russwin Lock install.

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.

Using a 3/8" drill bit drill the top and bottom thru bolt holes, these holes go only to the mortise pocket.

Drill both sides of
the door above and
below the spindle
hole

Drill the spindle hole
using a 7/8" hole saw.
Use a slow speed and
back the hole saw out
of the cut when drilling
to remove chips.

Drill both sides of the
door.

Use a 1-1/4" hole saw
and drill for the
mortise cylinder. A
standard hole saw will
work on wood or steel
door. This hole is to
be drilled only on the
side of the door that
will have the cylinder
installed.

If installing a thumb turn, use a 5/8" hole saw and drill only on the side of the door that requires the turn. This hole will go to the mortise pocket.
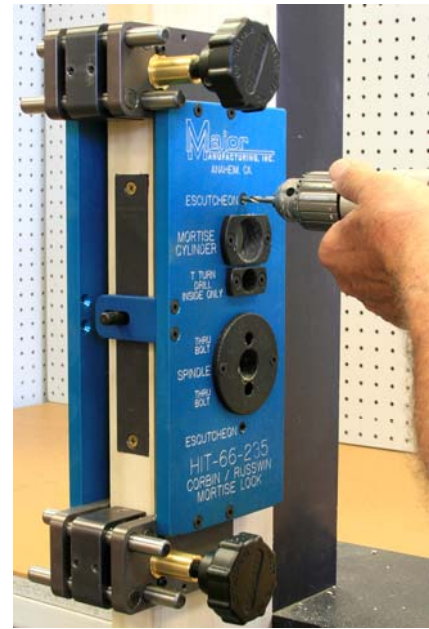
If installing rose trim, the installation is now complete. Remove the clamp and template from the door and install the mortise lock per the manufacturers instructions.
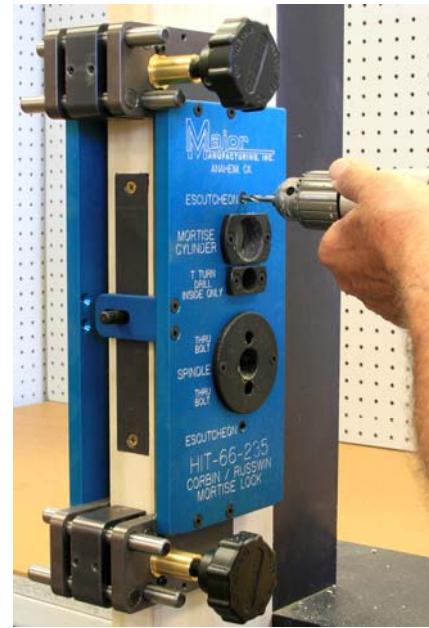
Completed installation

That's all there is to it! If installing escutcheon trim, continue ⇨

The drill bushings on this template are 6-3/4" center to center. Make sure this matches the escutcheon trim being installed. The drill bushing diameter is 3/16". This can be drilled out if a larger hole is needed. Drill half way from both sides of the door.

If the escutcheon trim is mounted with screws and not thru bolted, mark the locations after the drill guide has been removed from the door and drill for wood screws or drill and tap if on a steel door.

Remove HIT-66 from door and install lock per manufacturers instructions.

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