

PanoLock™ Multi-Point Lock Instructions

Frame Machining - Strike Plate



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⚠ WARNING – Make sure router is unplugged when adjusting bit depth.

⚠ WARNING – Use proper personal protective equipment when operating a router.

Machining details are found in Endura print # 16031-300.

STEP 1

Required tooling includes:

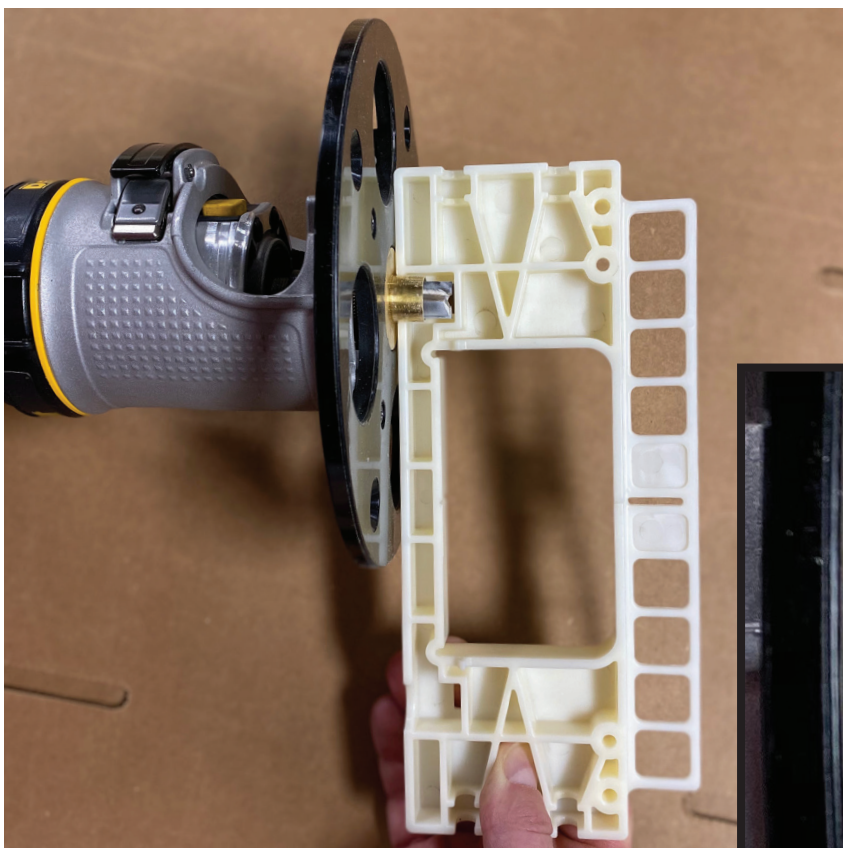


A 1/2" OD x 2" Router Bit

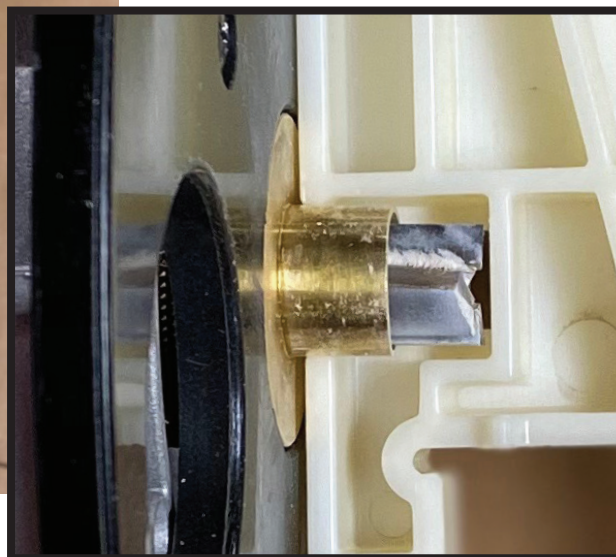


A 5/8" OD Router Guide Collar

STEP 2



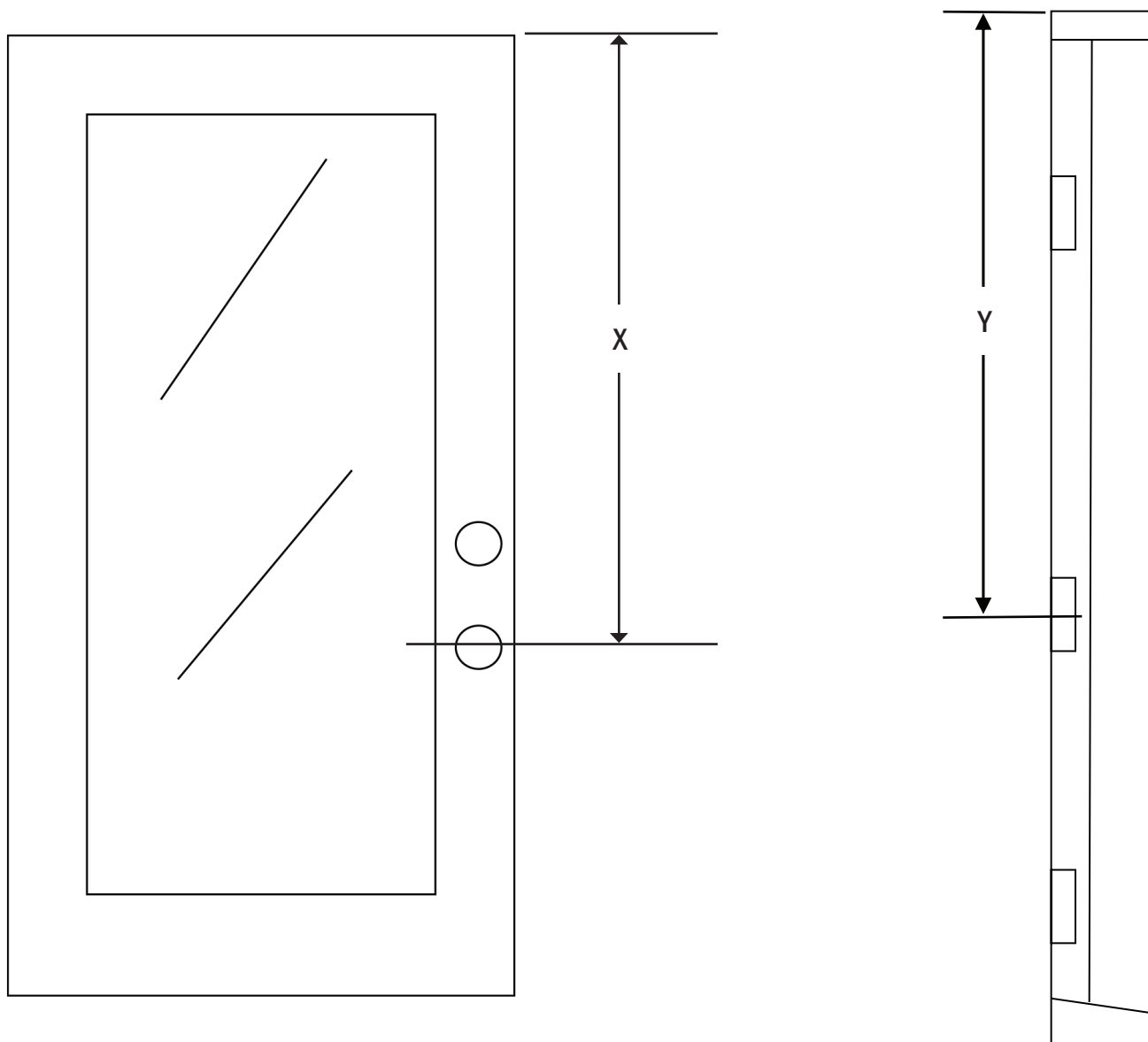
Install the 5/8" OD Router Guide Collar on your router. It will be used for all steps in the jamb fabrication.



First pocket machining. Set the router bit depth to 25/32" using the guide on the back of the template BASE.

STEP 3

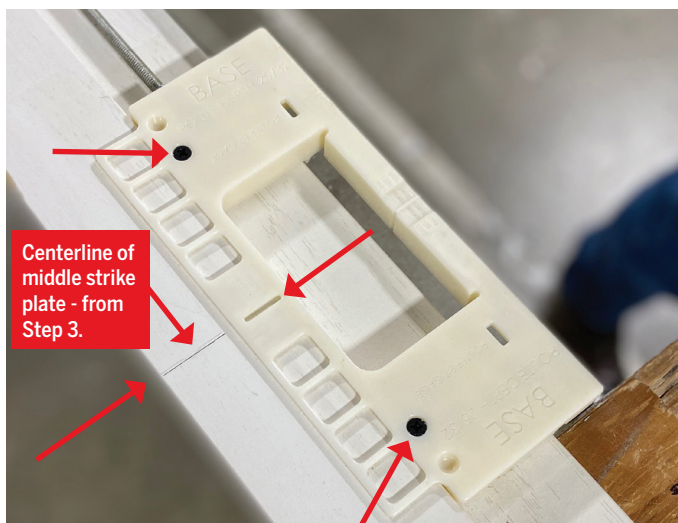
Determine location of middle strike plate.



1. Measure from top of door panel to latch bore. This is measurement "X".
2. If using a standard 3/4" head jamb, take measurement "X" and subtract 2-5/8". This is measurement "Y".
3. From the top of the jamb, measure down "Y" to locate the center of the middle strike plate.

See last page of instruction for spacing between centerlines of each strike plate.

STEP 4



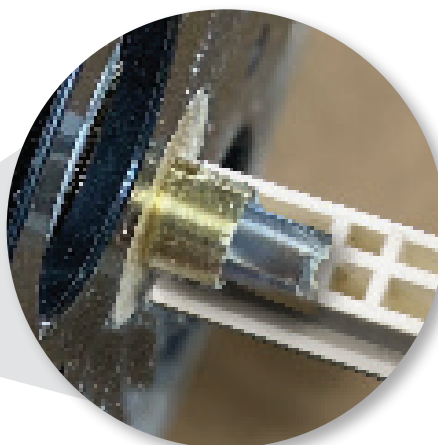
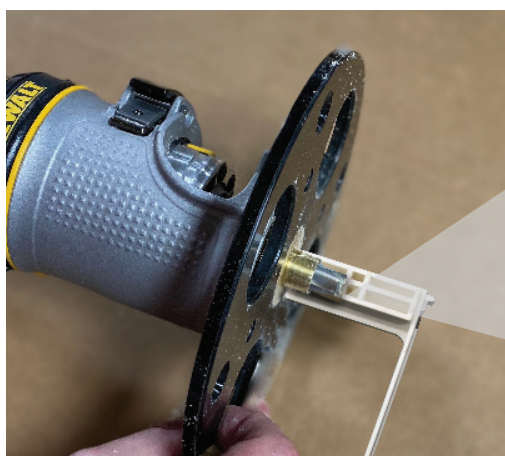
Locate the template base on the frame as shown. Align the center of the template with the centerline location of the strike plate assembly. Attach the template to the frame with screws, at two locations shown.

STEP 5



Turn router on. Rotate bit into center of template pocket to prevent damaging edge of template. Remove all material within template pocket. Remove all dust and debris from frame.

STEP 6



Second pocket machining. Reset the router bit depth to 1-1/16" using the guide on the back of template INSERT A.

STEP 7



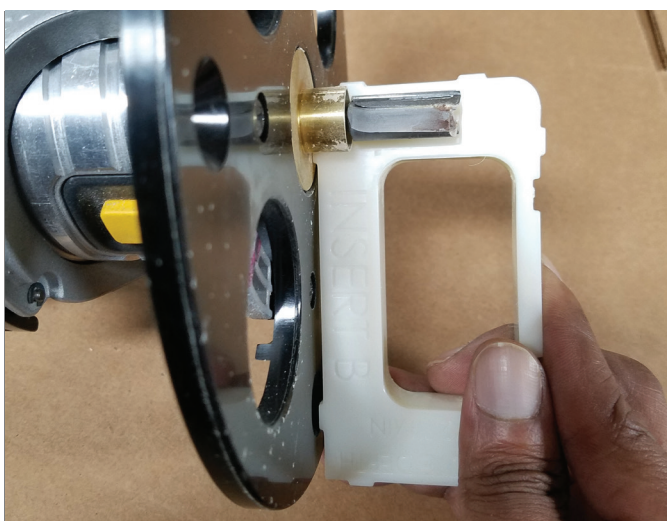
Place INSERT A into template BASE as shown.

STEP 8



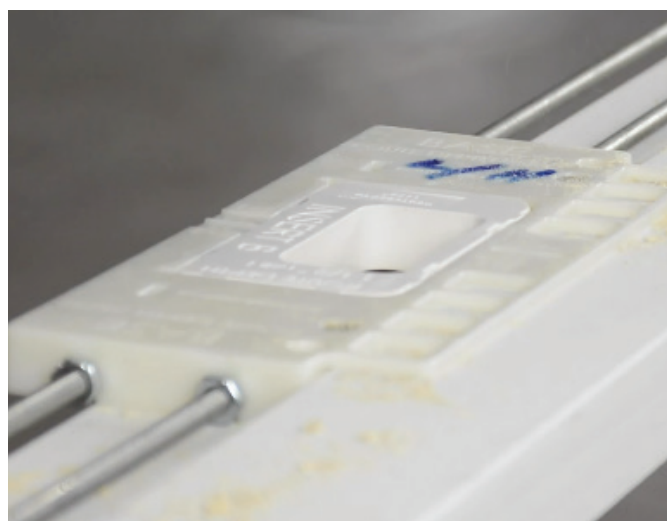
Turn router on. Rotate bit into center of template pocket to prevent damaging edge of template. Remove all material within template pocket. Remove all dust and debris from frame.

STEP 9



Third pocket machining. Reset the router bit depth to 1-1/2" using the guide on the front of template INSERT B.

STEP 10



Place INSERT B into template base as shown.

STEP 11



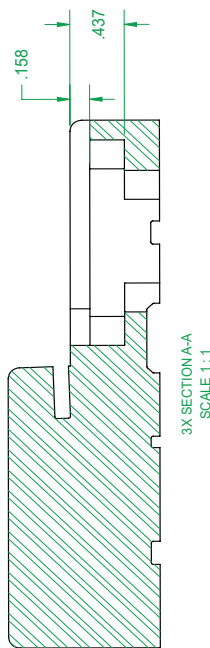
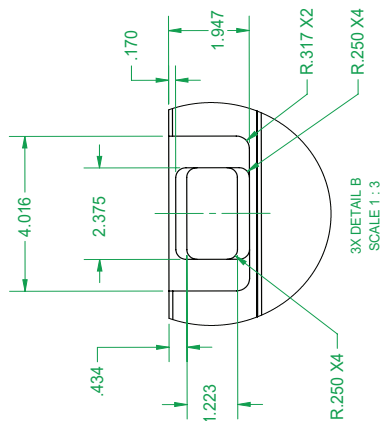
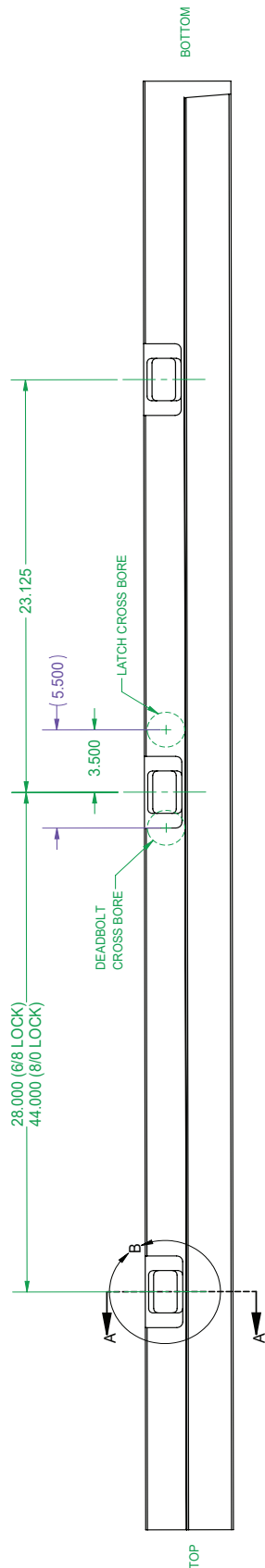
Turn router on. Rotate bit into center of template pocket to prevent damaging edge of template. Remove all material within template pocket. Remove all dust and debris from frame. Strike plate assembly frame mortise is now complete. Repeat steps for remaining pockets.

STEP 12



An alternative to moving the routing template for each pocket is to attach template BASES, spaced apart to align with all lock latching points. Using threaded rods and nuts, template BASES can be joined together, and spaced as needed.

REV	DATE	REVISION DESCRIPTION
A	11/16/20	INITIAL RELEASE
B	11/17/20	ADDED 8/0 DIMENSIONS
C	01/18/23	SECOND STEP ROUTE CHANGED



INSPECTION DIMENSIONS
ARE CIRCLED

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MODELED BY
Adam Kendall
DATE
12/02/19

CHECKED BY
Adam Kendall
DATE
01/18/23

REV PART NUMBER
16031-300

DRAWING NUMBER
16031-300

TITLE
**PANOLock
STRIKE ROUTE**

SCALE
1:1

SHEET
1 OF 1