



Standard Door Templates

Owners Manual

Please Read Carefully!

BEFORE BEGINNING

Identify and verify that you have all the parts listed. Read the instructions carefully to fully understand how the Standard Door Templates work.

The templates are to be used with a flush trimming bit to cut the panel and rail to precise mating contours. Each set of templates (rail and panel) are the same length. The fact that the template sets (rail and panel) do not mate together is intentional. They're designed with a 5/16" offset to allow the tongue of the panel to fit in the groove in the rail.

The Standard Door Templates are not to be used with a cope & pattern bit or raised panel bit unless you have our Frame & Panel Master or HD Frame Master & HD Panel Master.

Never use the Standard Door Templates on a shaper. They won't hold up due to the increased friction of a shaper bearing. We offer several HD Door Templates for this purpose.

1. APPLY LABELS TO TEMPLATES

To avoid the labels being damaged in shipping, it's necessary for you to apply them. Separate the 10 rail and 10 panel templates and stack them in two piles with the shortest template on top and the longest on the bottom. *See fig. 1.*

The template's part size range (5-6", 6-7", etc.) and type (Rail or Panel) is printed on the top of the labels supplied with each template set. Apply the smallest Rail label (5-6") to the smallest rail template and the smallest Panel label (5-6") to the smallest panel template, etc.

Because of the similar appearance on the rail and panel templates in the 5452, 5452L, 5453 & 5453L Half Cathedral templates, there is an extra 1/4" hole in the 10 panel templates to identify them from the 10 rail templates.

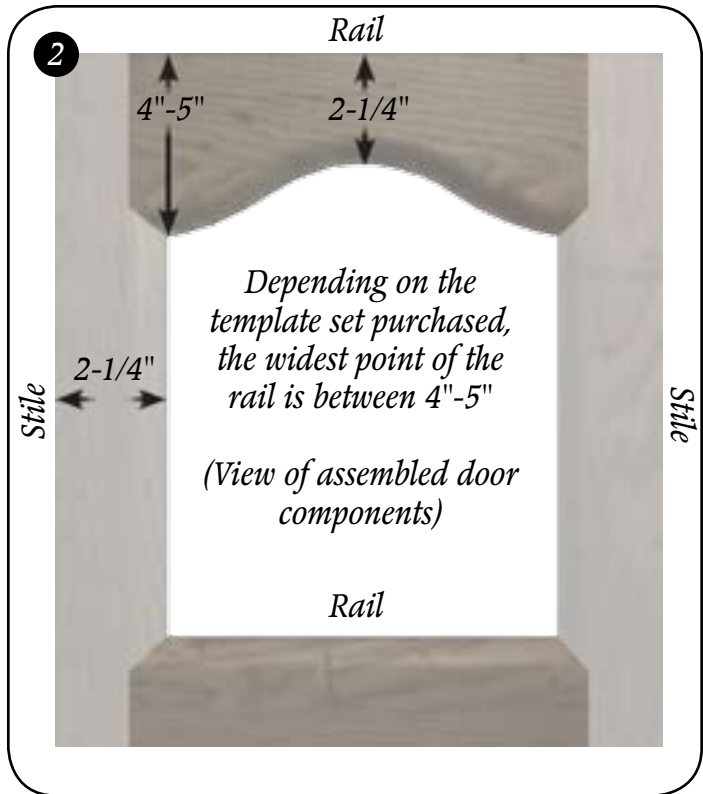
2. STOCK SIZE

The templates are designed for 2-1/4" wide stiles and 4 or 5" wide rails, except with the Arched Templates which produce varying widths at the ends of the rails. *See fig. 2.*

The size of the assembled frame printed on the label will vary if the cutting depth of your cope & pattern bit is different from that shown, or if you don't use 2-1/4" wide stiles.

You can make your stiles wider than 2-1/4", but the rail will never be wider than 2-1/4" at the narrowest point. For rails narrower than 2-1/4", rip the rail narrower after flush trimming.

Quantity	Item	Quantity	Item
20	Templates	4	1-1/4" Screw
20	Labels	4	Lockwasher
4	Fences	4	Washer
		4	Knob



4. ATTACH FENCES

The Standard Door Templates include two pair of fences so a rail template can be setup for rails and the mating panel template for panels.

- When cutting rails the fence notches should face in towards the center. *See fig. 4: left side.*
- When cutting panels the fence notches should face out away from the center. *See fig. 4: right side.*

Insert a lock washer on a 1-1/4" screw. Insert the screw thru the back (smooth non-recessed side) of the fence and thru the back (non-labeled side) of the template in one of the mounting holes. Install a washer and a knob on the end of the screw to fasten the fence in position. The lipped edge of the fence should be butted against the edge of the template. *See fig. 6.*

5-6. MARK & CUT PROFILE

Adjust the position of the fences to center the part on the template, using the center mark on the template as a reference. Trace the outline of the template on the part and cut it to shape, staying at least 1/8" away from the line. *See fig. 5.*

Fasten the template to the part. You may use double stick tape, or you may also nail or screw the template to the part by drilling holes through the template. Place the mounting holes in a position so that the resulting marks in your finished part will not be visible after machining or assembly. Machine the parts to shape on your router table using a flush trimming bit, with the bearing on the bit following the template. *See fig. 6.*

Remove the part from the template and make the pattern cut or raised panel cut by having the bearing of those bits follow the shaped edge of the parts.

DOOR TEMPLATE ACCESSORIES

The Frame & Panel Master or the HD Frame Master & HD Panel Master are work holding jigs that eliminate fastening the template to the part. They provide a safe work holding platform for optimum control.

We offer an optional Standard Door Template set for the next larger size doors. It's the "L" series (add an "L" to the end of your Standard Door Template set part number - example: 5450L, 5460L, etc.) These allow you do work with 18-20" part sizes, 2" wider then those covered by the largest template in this template set. Great for Euro style cabinets, etc.

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