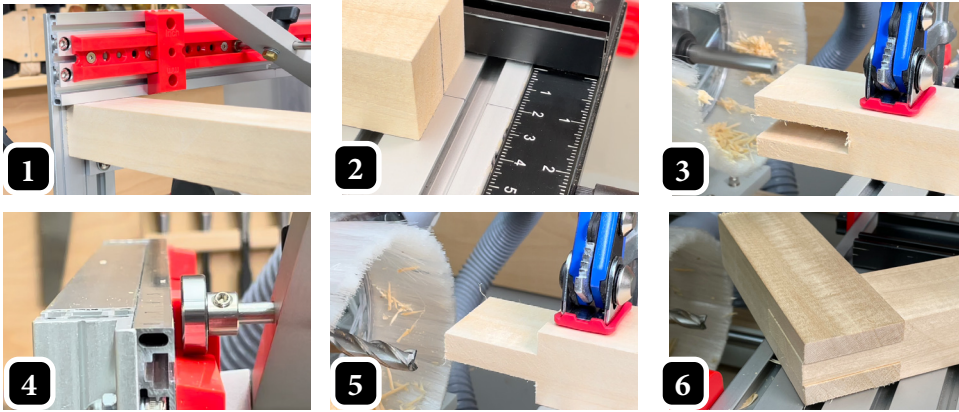


**Bridle joints** use the same easy setup and cutting method as mortise and tenon. From start to finish, the joint is ready for glue in about three minutes.

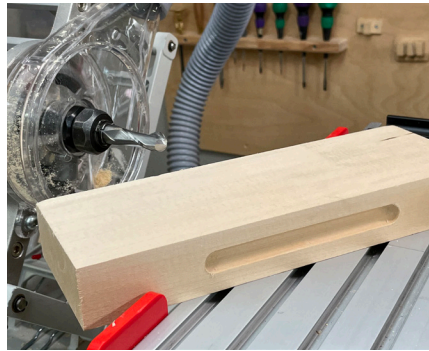


- 1- Center the bit to the workpiece thickness using the thickness gauge.
- 2- Center horizontally on the table using the centering scale fence.
- 3- Cut the mortise first using the bit selected for the thickness of the cut.
- 4- Adjust the thickness of the tenon piece using the tapered template bar.
- 5- Cut the tenon, sized to perfectly fit the mortise.
- 6- The bridle joint fits perfectly with no handwork required.

#### A world of other slots and details

Long mortises, grooves, and decorative features like this fingerhold are fast, easy, accurate and repeatable.

A 1/2" round-nose bit was used to make the groove exactly 5" long.



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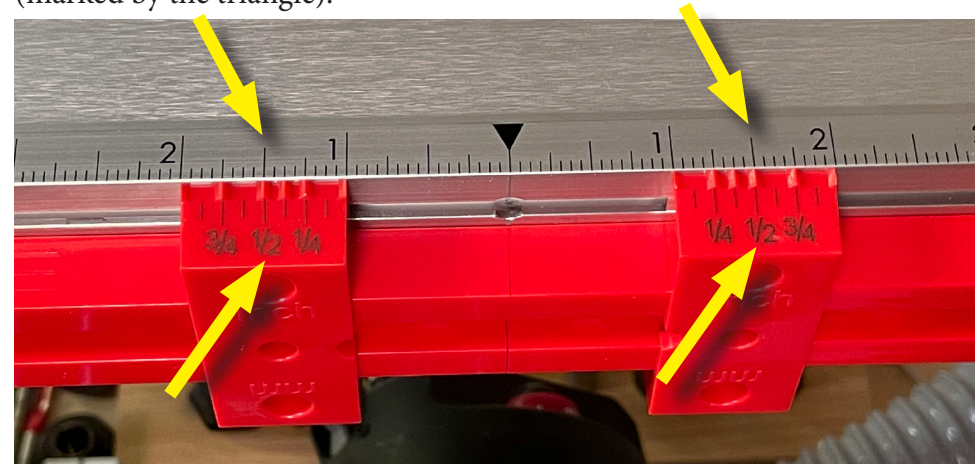
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# PantoRouter®

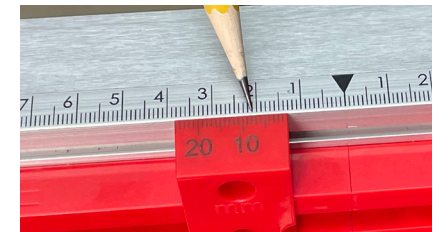
## How-To Guide for the Slot Mortise Template

The Slot Mortise Template is fast and easy to set up for either inch or metric sizes. Simply align the bit size with the desired width to cut a perfect mortise. The template can also be used for bridle joints and many other uses where a wide, side-to-side movement is desirable.

Example: To cut a 1/2" thick mortise 1 1/2" wide, align the mark for bit diameter (1/2") engraved on both left and right sliding stops with the desired mortise width (1 1/2") on both sides of the centerline on the template holder (marked by the triangle).

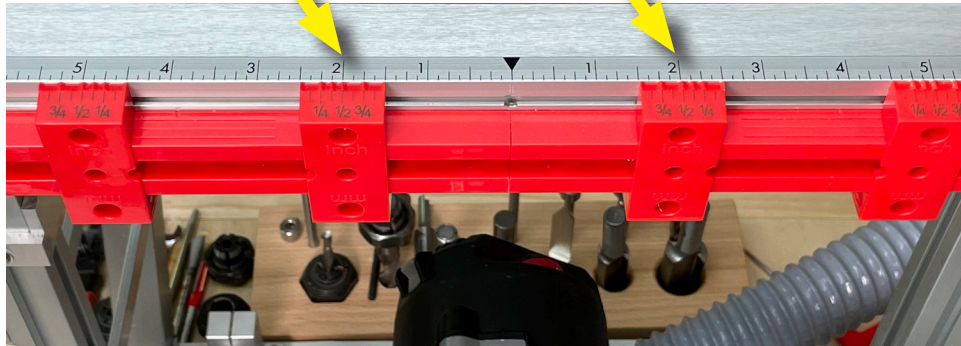
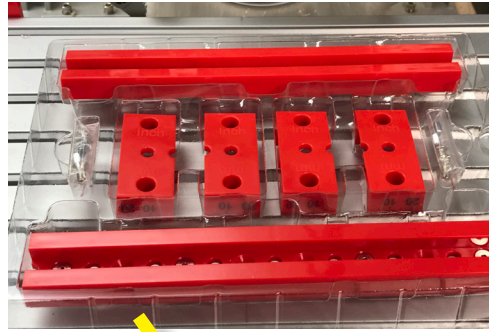


Metric sizes like this 8mm x 22mm mortise are set up the same way on the metric side of the template holder.





Each template set includes two long bars and two pairs of sliding stops. The half-circle cutout on the inside edge of each sliding stop accepts exactly half of the guide bearing, allowing the quick, accurate, math-free setups illustrated throughout this guide.



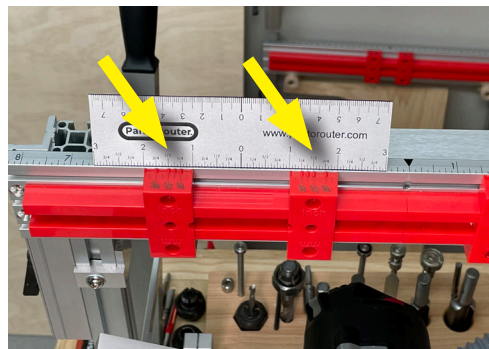
**Double mortises.** For double mortises, align the bit-diameter mark on the two sliding stops closest to the centerline with the desired distance between the two mortises.

In this case the 1/2" thick mortises are set to be 2" apart.



Use the centering ruler to space the mortise widths for each side.

This setup is for the 1 1/2" mortise shown above.

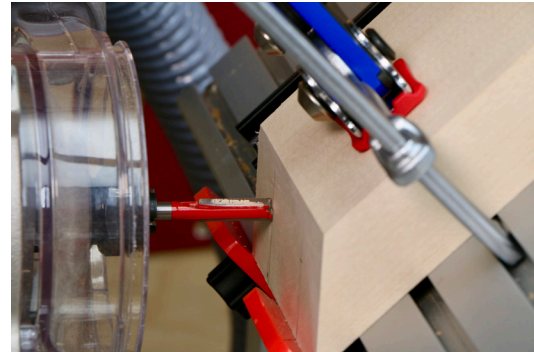


**Using floating tenons.** To use factory-made floating tenons, simply measure the thickness and width of the tenon. They can be made super-tight side-to-side or looser according to your needs.



Align the bit diameter engraved on the sliding template with the mortise width on the template holder.

Tip: Metric bits are available with inch-size shanks or with metric shanks, which require a collet adapter for each metric shank size.



A 5/16" bit makes a nice snug fit for the 8mm floating tenon in this mitered joint example.



Double floating tenons in the angled workpiece on the PantoRouter™ took only a couple of minutes longer than a single tenon in a non-angled piece; the fit was perfect.