Truss Rod Slotting Jig Plus Instructions

What's included:

-Truss Rod Slotting Jig Plus routing template
-Dot Locator- (2) clamps, (1) body
-3/8" router guide bushing
-(10) Plastic locating pins

Features:

-Machined ledge allows template to extend over headstock overlay
-Centers on outside tapers or outside straight edges
-Hardened drill bushings- used for locating the fingerboard to the neck during glue ups
-Bushing sets labeled for easy use
-Bushing spacing wide enough for necks with carbon fiber reinforcement rods
-Dot Locator can be used for centered or offset dots

Truss Rod Compatibility:

-Max width: 1/4"
-Max Length: 15 7/8" (depending on access side on instrument and size of rod used)

Bushing Spacing:

-1 3/16" apart on center
-Set 1- 1/2" on center from end
-Set 2- 9 1/2" on center from end

How to use:

The ELEVATE Truss Rod Slotting Jig Plus makes routing the slot for your truss rod a breeze. But don't be fooled. This jig is more than just a routing template. It's also designed to assist in aligning the neck and fingerboard for glue up, and drilling holes for fret marker inlays.

Let's take a look at cutting the slot for the truss rod first... To begin, position the jig for whichever side you want to be able to access the truss rod in the instrument. If your neck already has a headstock overlay attached, don't worry. There's a machined ledge on the underside of the routing template for this exact situation. Next, center the jig on the neck blank using the articulating clamps. Clamp the jig to the neck blank once it's centered. Now the jig can be screwed in place using short wood screws in the countersunk holes on the jigs routing surface. Then use the included brass bushing and a router to cut the slot.

The second task this jig handles is aligning the neck and fingerboard for glue up. First, flip the jig over and mark the nut location on the neck blank. Align the end of the jig with this mark and center it using the articulating clamp as before. Once correctly positioned, clamp the jig in place.

It's recommended that a depth stop collar is used to ensure proper drilling depth. If you're using a brad point drill bit, check that the point of the drill won't penetrate through the work piece. You may even want to grind the point down some.

Now you're ready to drill. The Truss Rod Slotting Jig Plus is labeled for neck and fingerboard drill locations. Use the pair of drill bushings labeled **N** for the neck and drill to the desired depth.

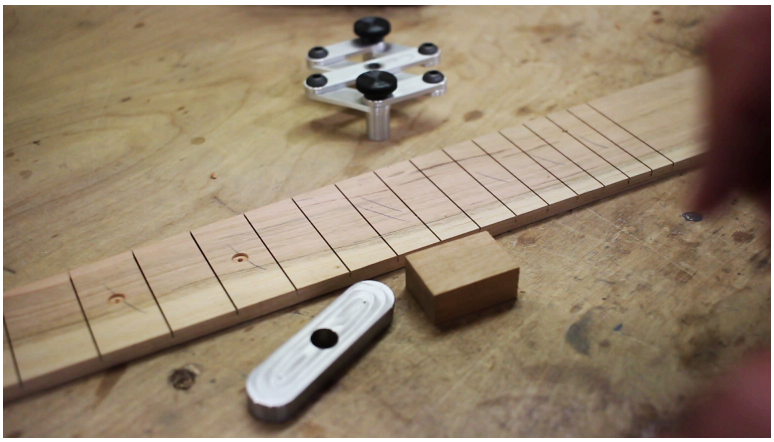
The same steps will be repeated for the fingerboard:
Align the jig to the nut
Center it on the board using the articulating clamps
Clamp the jig down
Set the depth of your drill bit ensuring the bit won't penetrate thru the front of the workpiece
And drill using the bushings labeled **F**

Now that both sets of holes have been drilled, insert the plastic indexing pins into the neck. The pins should be slightly above the neck's surface. Snap the fingerboard onto the pins, double check proper alignment of the parts, and you're ready to glue the assembly together.

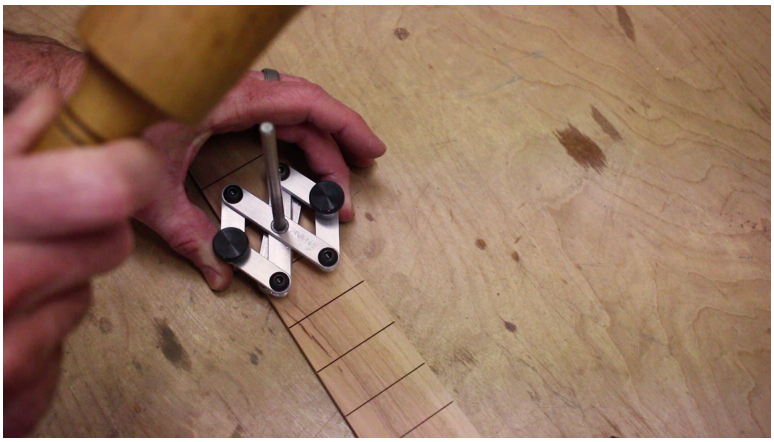
The third task the Truss Rod Slotting Jig Plus tackles is drilling holes for fret marker inlays. How? The clamps used for locating the Jig are actually the same clamp used for the Dot Locator- a handy little jig that references the fingerboard taper and the fret slots to accurately and repeatably position your drill bit in the perfect location for dot inlays.

To use the Dot Locator first place the points of the steel body in the fret slots at your desired fret location. Next open the aluminum clamp and slide the drill bushing into the steel body. When you squeeze the clamp closed, it naturally finds its center. Hold the clamp firmly and drill.

But what happens when you want to drill double dots in a single location? The jig can handle that too with the addition of a simple spacer. All you'll need to know is the distance between your dots on center. So for example, if you want your dots 1" apart on center, use a 1" spacer block. Simply place the spacer between the clamp and fingerboard as your drill. Then repeat for the other side.



For those occasions when you want to inlay a dot of a different size, the Dot Locator can assist with that too with the addition of a simple transfer punch. Align the jig as you normally would on the fingerboard and then tap the punch to accurately mark the location. Then you can drill for any size dot you'd like.



More of a visual learner? Check out the video tutorial on the ELEVATE site.
ElevateLutherie.com