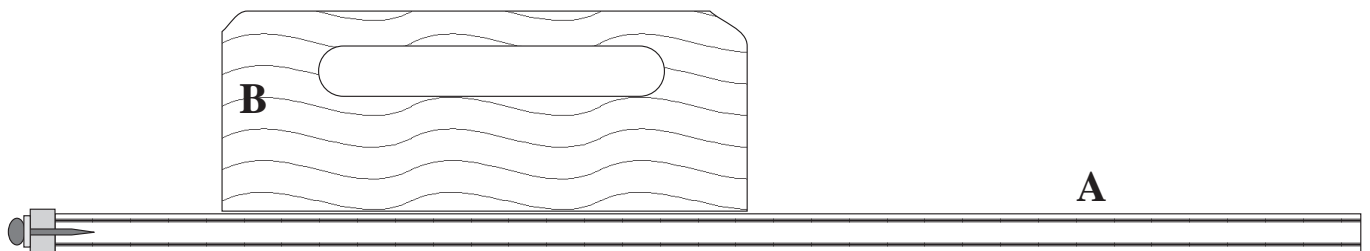
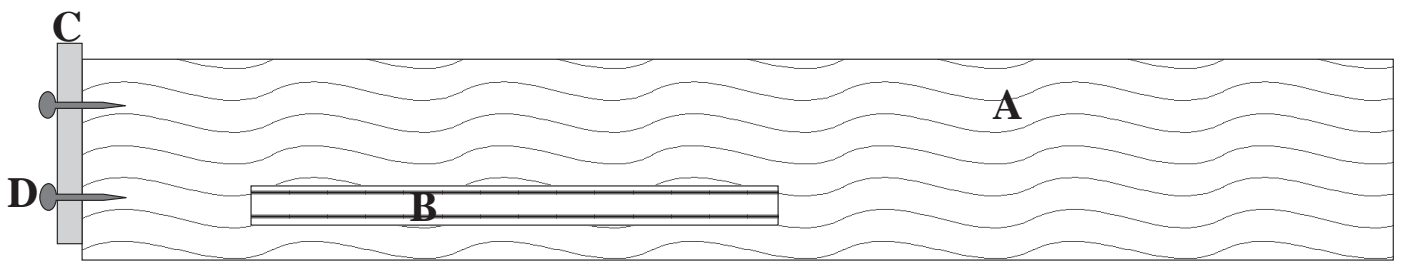
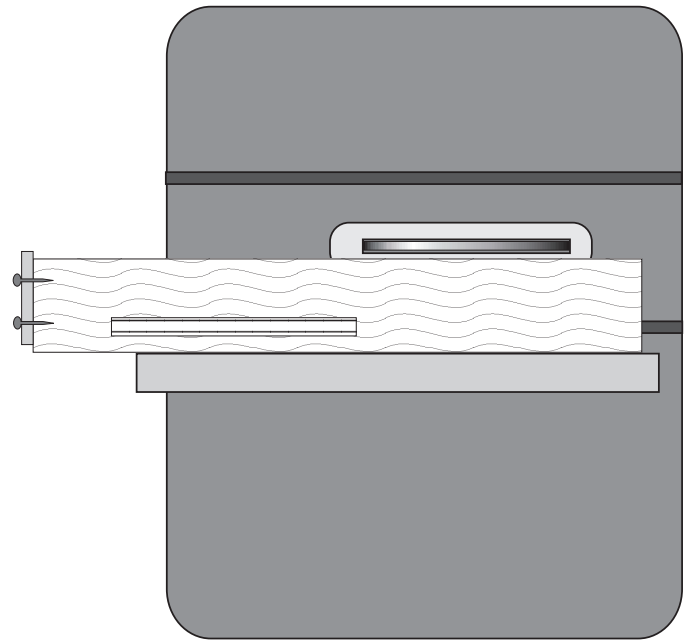


Whipplejig #4

Sled for cutting slats, laths and moldings

I have a couple of these jigs of different lengths for making safe, repeat rips of very thin width. My long one is about four feet by four inches and the short one is around two feet in length. When cutting thin laths, I recommend using a zero clearance insert on your TS.

Making the sled is very easy, just rip your base (A) from a length of 3/4 plywood. I find that 4" is a good width, wide enough to keep the grip away from the blade, but light enough not to be too cumbersome and still allow the blade side to pass freely under the blade guard. You may want to wax the bottom and edge which rides against the fence.



Next, make the grip (B) and attach it at the rear of the sled base with about an inch clearance from the fence. I used joining plates to attach mine, but one could as easily use drywall screws.

The end stop (C), is made to the width of the board from a scrap of hardwood. The slot in the center was milled with a router to allow one to adjust the amount of exposure.

I used two round head sheet metal screws which I heated and pounded into thumb screws, with flat washers (D) to lock the adjustment setting of the end stop.

It is important to note that the end stop is aligned above the bottom of the sled base to prevent the end stop from catching on the edge of your table saw.

This completes the construction.

To Use

With the sled in place, use your fence to establish the thickness of your cut. Try a test cut.

Align your stock with the end stop and feed the work through with the primary guiding force on the handle and light control on the outside edge of the board. Alternatively you could use a feather board if you don't feel comfortable with your arm passing over the blade.

I usually plane each edge of the board between cuts to remove any saw marks. This gives me a finished side.

When making the tambour slats, I do the planing and rounding on each edge before trimming them to size with the jig. The same applied to moldings.

An outfeed table is nice because you want to pass the sled fully past the blade. In any event enjoy and keep all your fingers.

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