



Micro-Adjust Your Router Table Fence

The router table in my shop gets lots of use. But it's always difficult to make fine adjustments to the fence. So I built the micro-adjuster you see in the photo above using a few parts I had around the shop.

The adjuster is easy to build. Start by drilling and tapping a strip of $\frac{1}{4}$ " aluminum to accept a piece of threaded rod. And then bend the aluminum strip into an "L" shape.

Next, drill two holes in a hardwood adjusting block. One horizontal hole for the threaded rod and a vertical one for the hold-down. Then you can cut a dado at the bottom of the fence to hold the piece of L-shaped aluminum in place.

Assembly. Put the pieces together by slipping the threaded rod through

the adjusting block and add washers and locknuts, like you see in the drawing and detail below. This allows the aluminum strip attached to the fence to be moved forward and backward one thread at a time when you make fine fence adjustments.

Fence Adjustment. To use the micro-adjuster you'll first need to lock down the opposite end of the fence. Then set the micro-adjuster by tightening the knob on top of the adjusting block. Use the turning knob to adjust the fence to the desired position. Once the fence is located where you want it, lock down the other end of the fence. Then all that's left is to turn on your router and you're ready to go.

Clark Robbins
White Lake, Michigan

