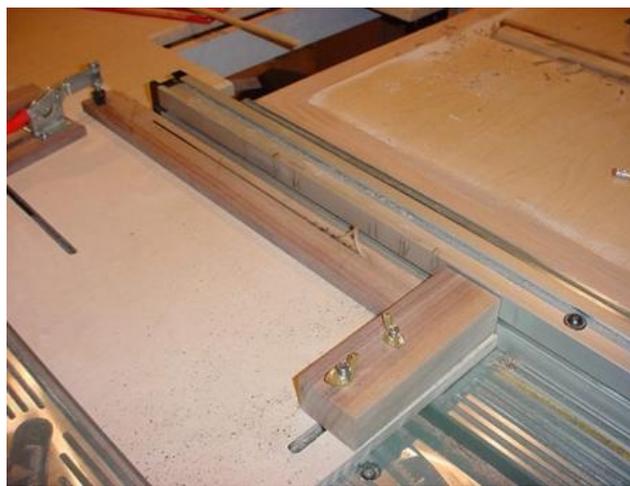
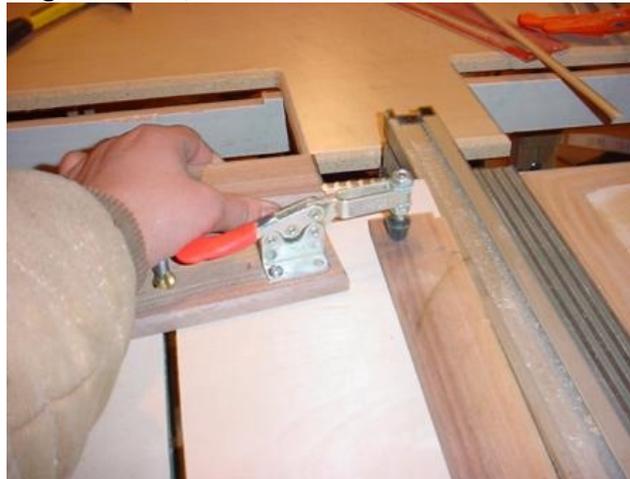
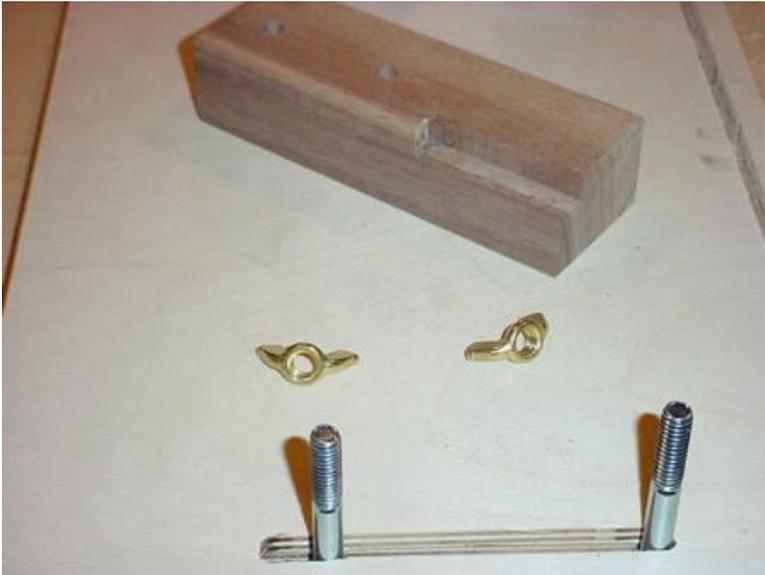


Full Extension Hardwood Drawer Slides – By Mark Stripes

This jig enhances safety while milling hardwood lower drawer slides. It is made out of $\frac{1}{2}$ " Baltic birch plywood. Overall dimensions are 10" by 21 $\frac{3}{4}$ ". I made a handle at the front edge out of a block of walnut $\frac{1}{4}$ " by 2" by 6" with a $\frac{1}{2}$ " cove for the grip section and a $\frac{1}{4}$ " round over on all top corners. The toggle clamp hold down block is $\frac{1}{2}$ " by 2" by 6" with a slot $\frac{5}{16}$ " wide to allow for adjustment. The toggle clamp is held onto this block with 2 #10-32tpi x $\frac{1}{2}$ " machine screws. On the back of this block 2 "t-nuts" are set in so as to be flush. The slot for the saw blade is $\frac{1}{4}$ " wide. The slots for the end hold down and the toggle clamp hold down are both $\frac{5}{16}$ " wide with a channel $\frac{1}{2}$ " wide centered just deep enough to capture the bolt heads. To cut these slots affix a fence to your panel, install a $\frac{5}{16}$ " bit into your router and cut the slot, then without moving the fence change to a $\frac{1}{2}$ " straight cutter, set your depth to the thickness of your bolt head, cut the 2nd slot. Remove the fence, and repeat for other slot. To mill the $\frac{1}{4}$ " slot set your fence on your router table so that the center of your $\frac{1}{4}$ " straight cutter is $\frac{9}{16}$ " from the fence. Mark your stock for where you want to begin and end the slot. Turn on router, align your starting mark with the bit and lower the panel onto the cutter, and cut until you reach the stop line. Allow a couple of inches on each end of this slot so that you will be able to use the edge of the jig to track against your rip fence while cutting the slides, as shown here:



The hold down block is 1 1/2" x 2" x 6" with a stopped rabbet 3/8" deep x 7/16" wide x 2" long with the corner squared.



Other pictures of jig:



Full Back View



Close-up of Slot

