

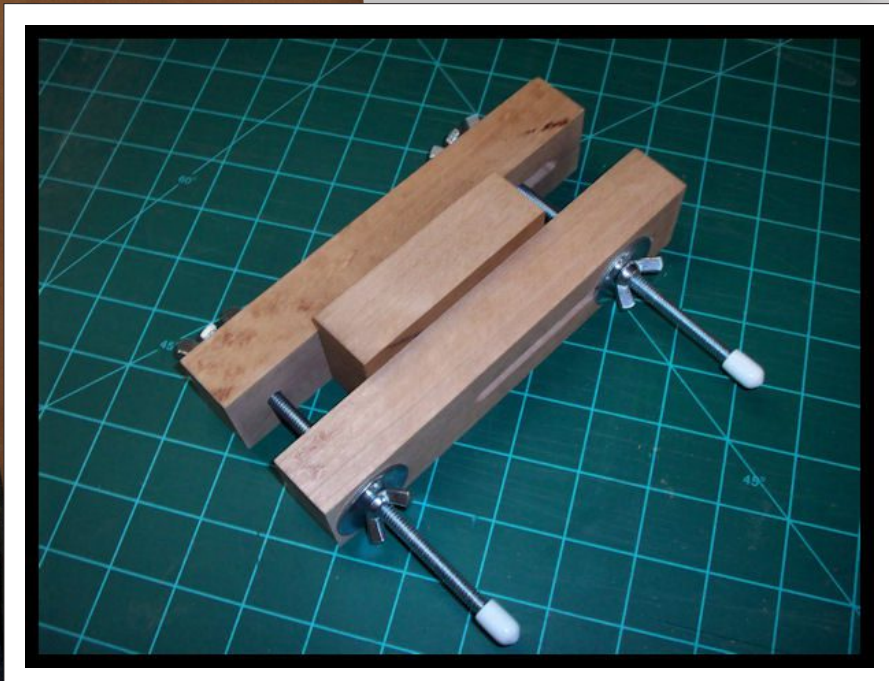
Digital Patterns



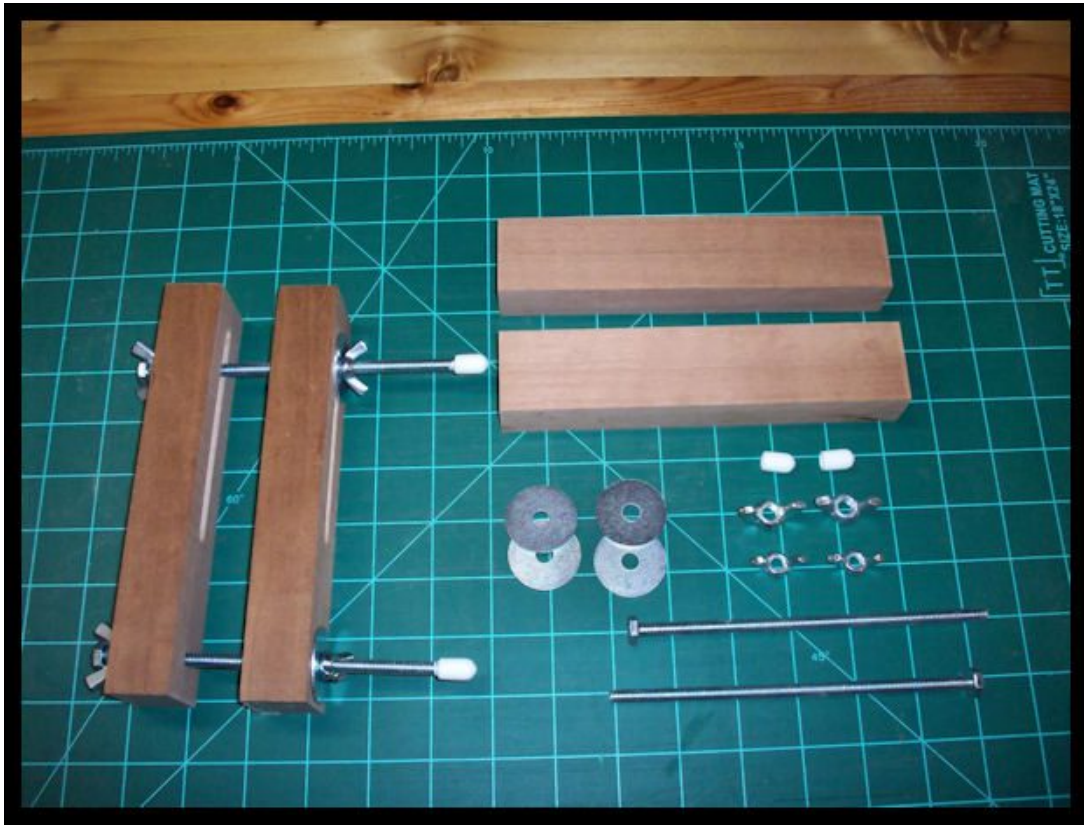
Designed by Steve Good

www.scrollsawworkshop.blogspot.com

Home of Scroll Saw Pattern Printer
and the Scroll Saw Key Chain Printer



Note to commercial print employees: I give my permission to print as many of this pattern book as your customer requires.



List of Materials:

2 Wood blanks 7" X 1 1/2" X 1"

4 washers 1/4" X 1 1/4"

2 Hex Bolts 6" X 1/4" 20 tpi

2 Wingnuts 1/4"

2 Wingnuts 5/16"

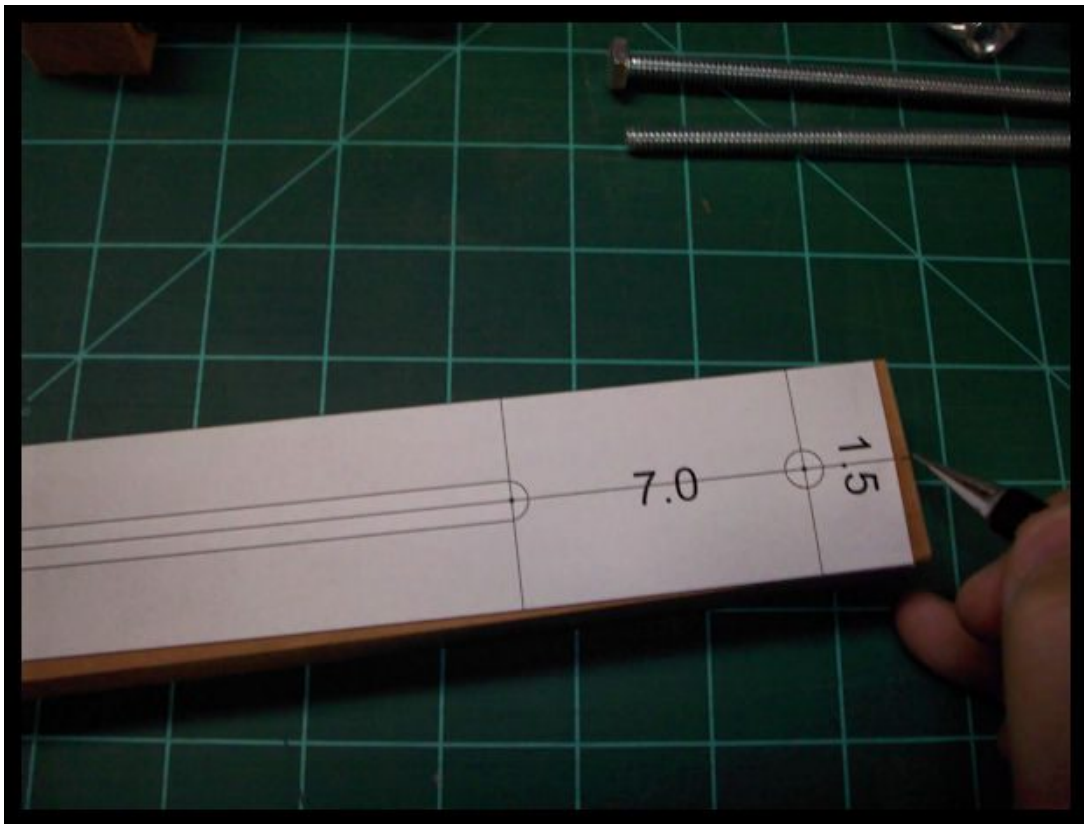
2 Plastic Caps

A video showing construction can be seen:

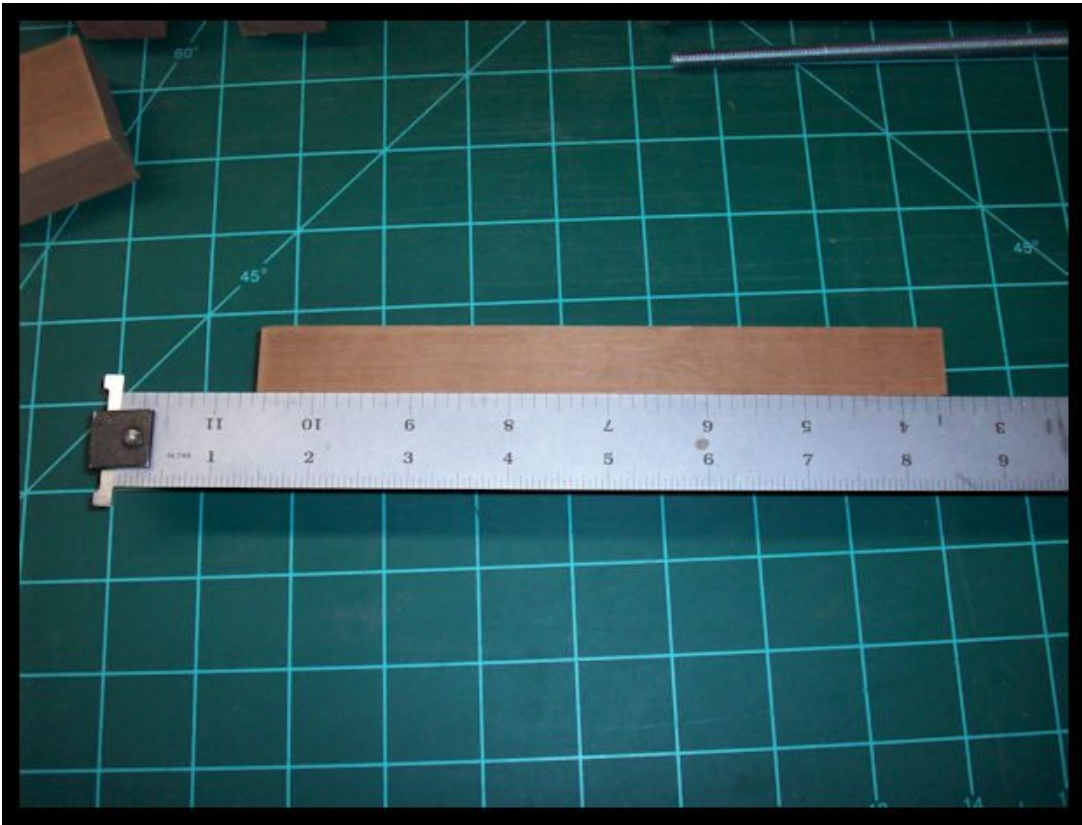
<http://youtu.be/yDoXM47zHc8>



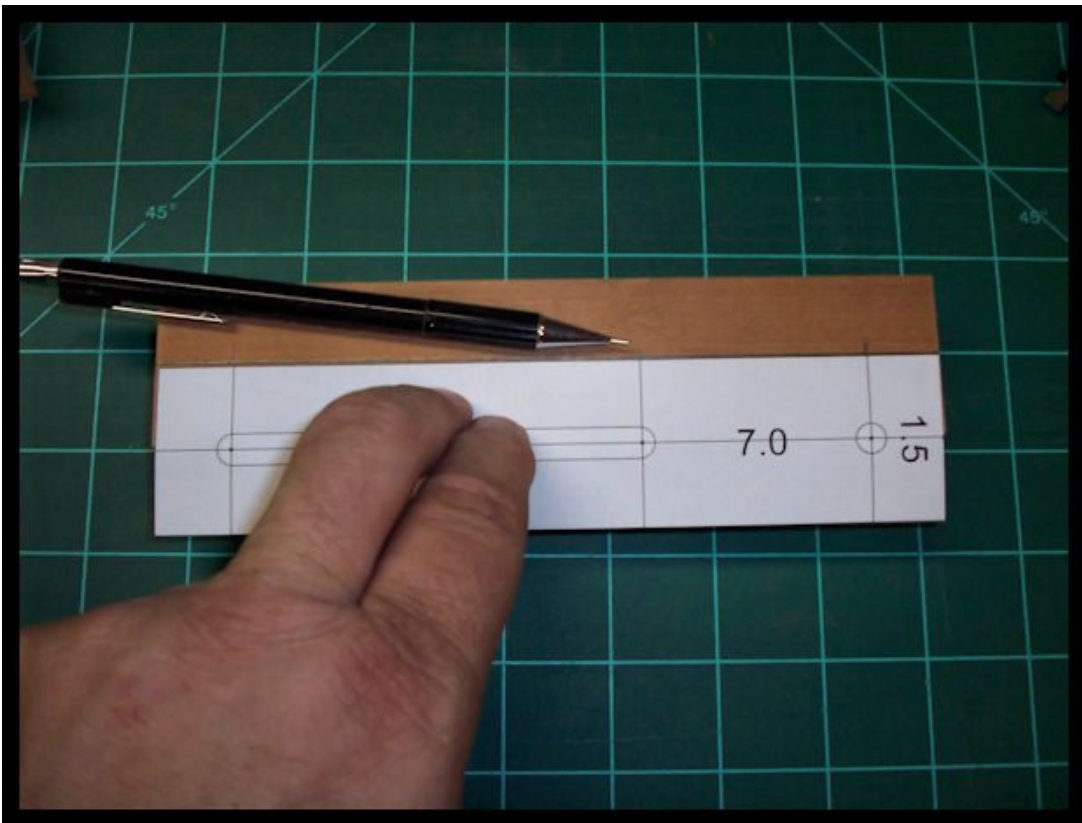
Cut out the story stick on the last page of this pdf.



Use the story stick to mark the center line and the location to drill the holes.



Draw the centerline



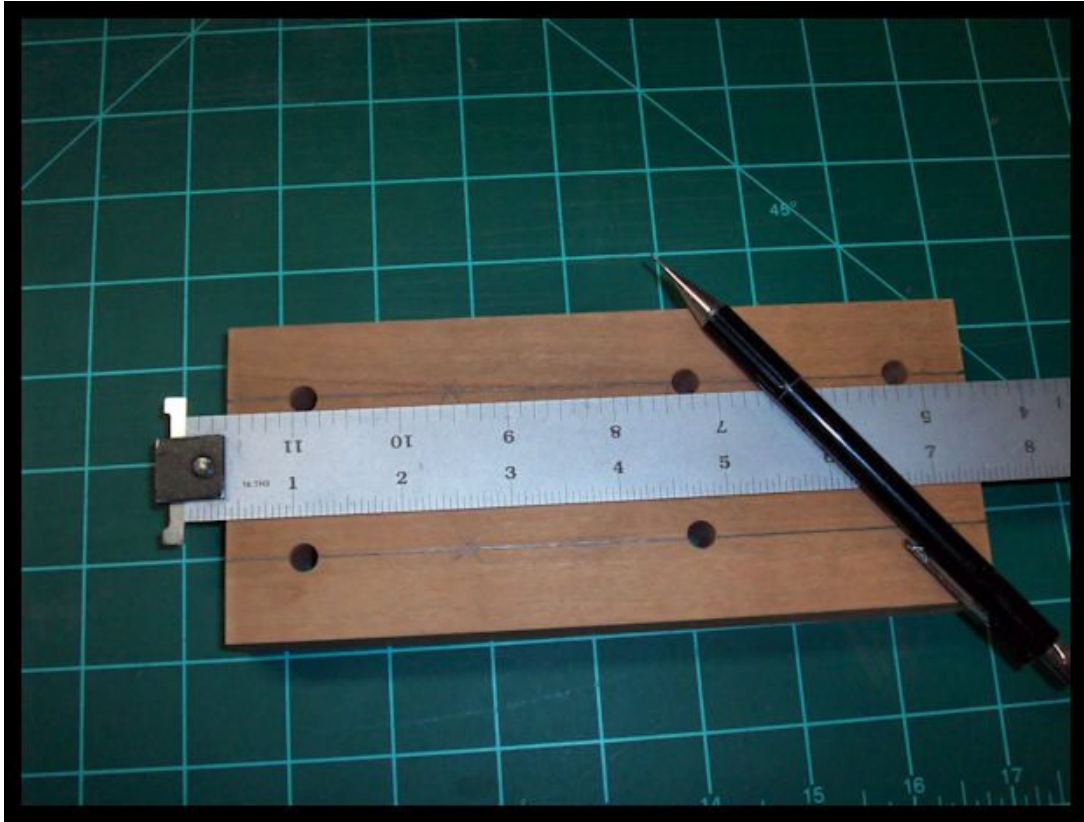
Mark the hole location on the centerline.



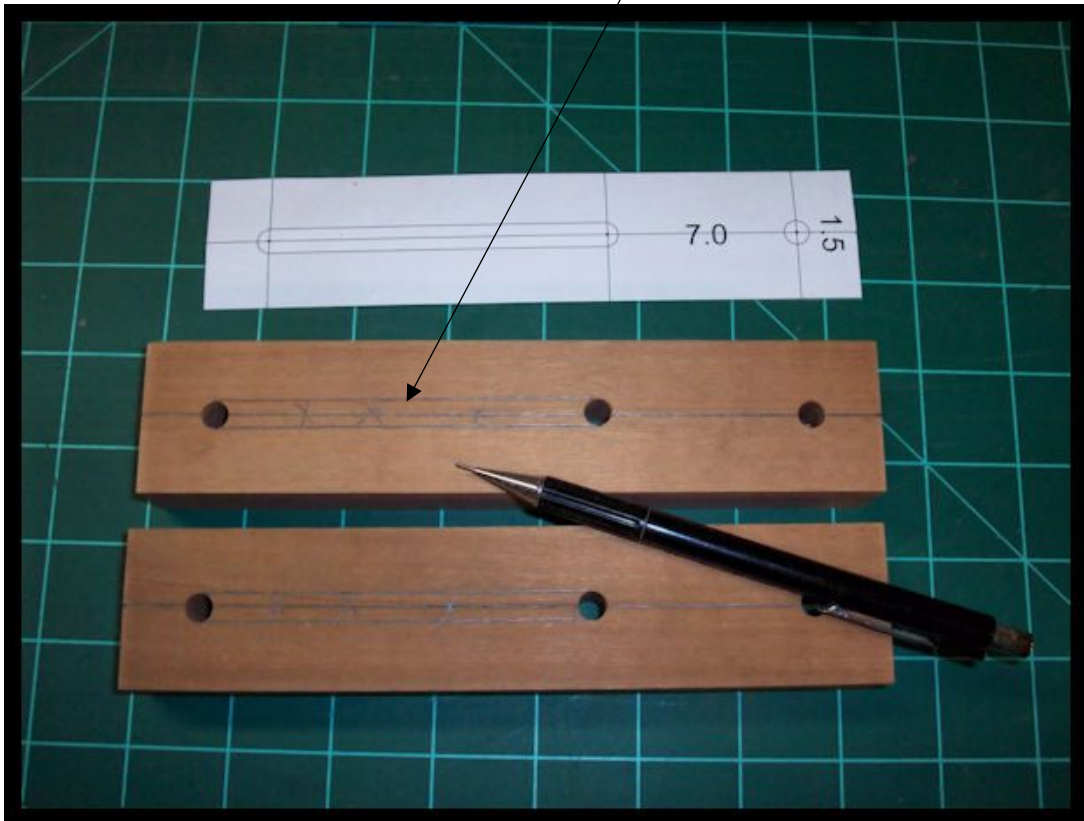
Take the marked blanks to the drill press.

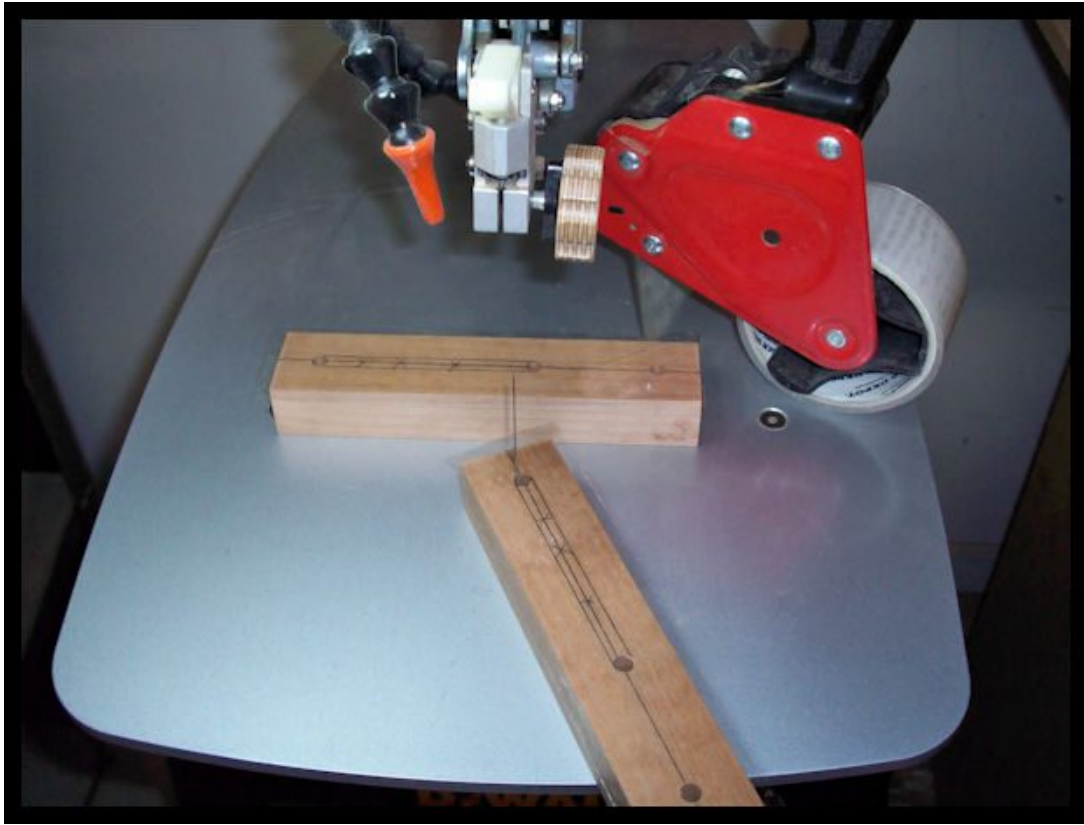


Drill the three holes.

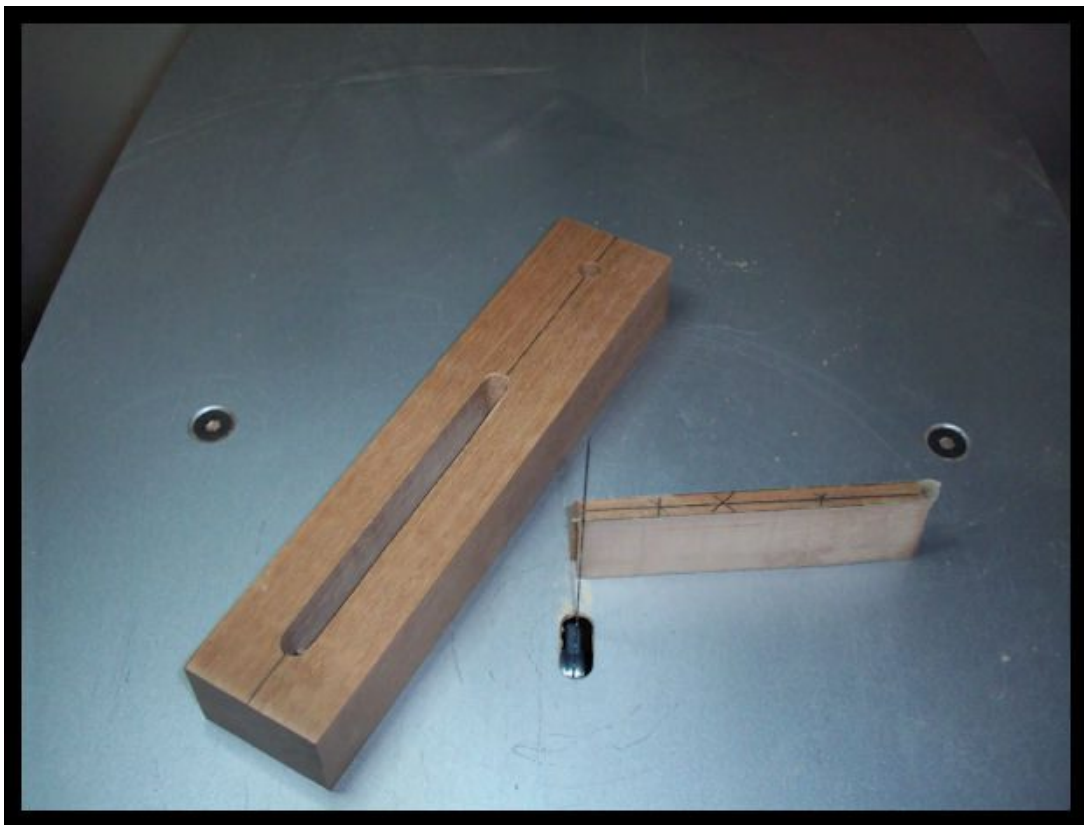


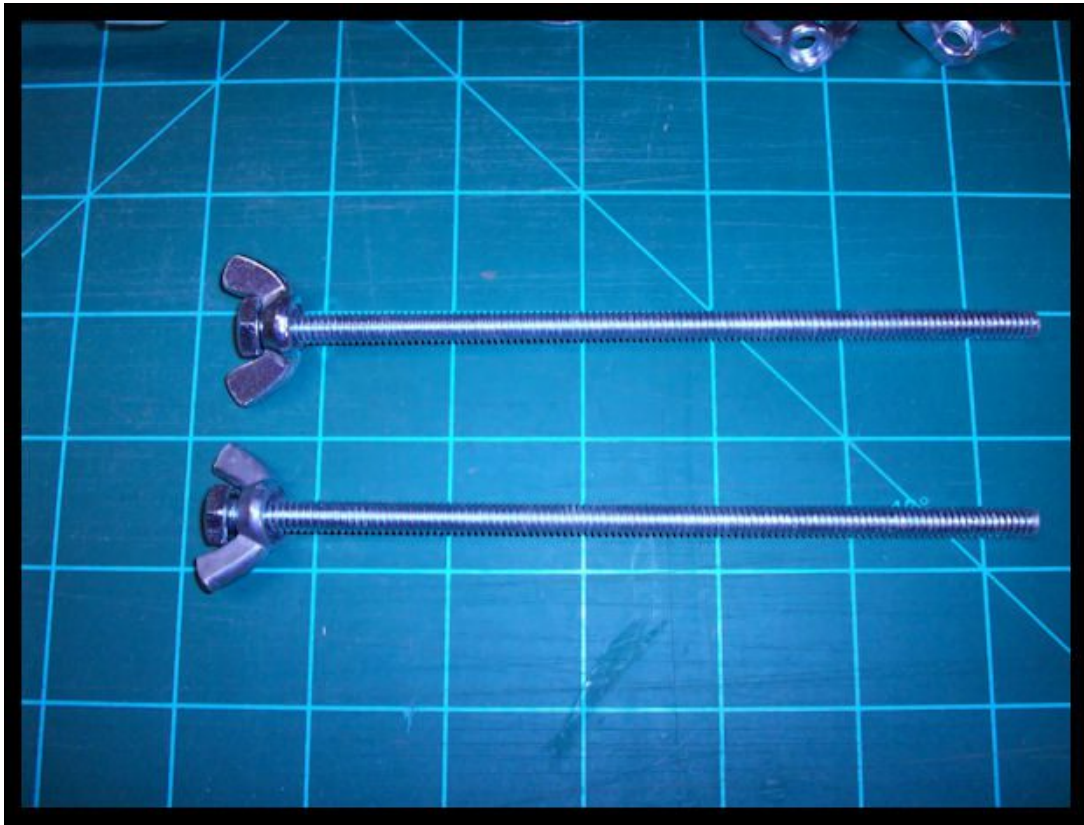
Use a straight edge to mark the slot.





Cut the slot in both blanks

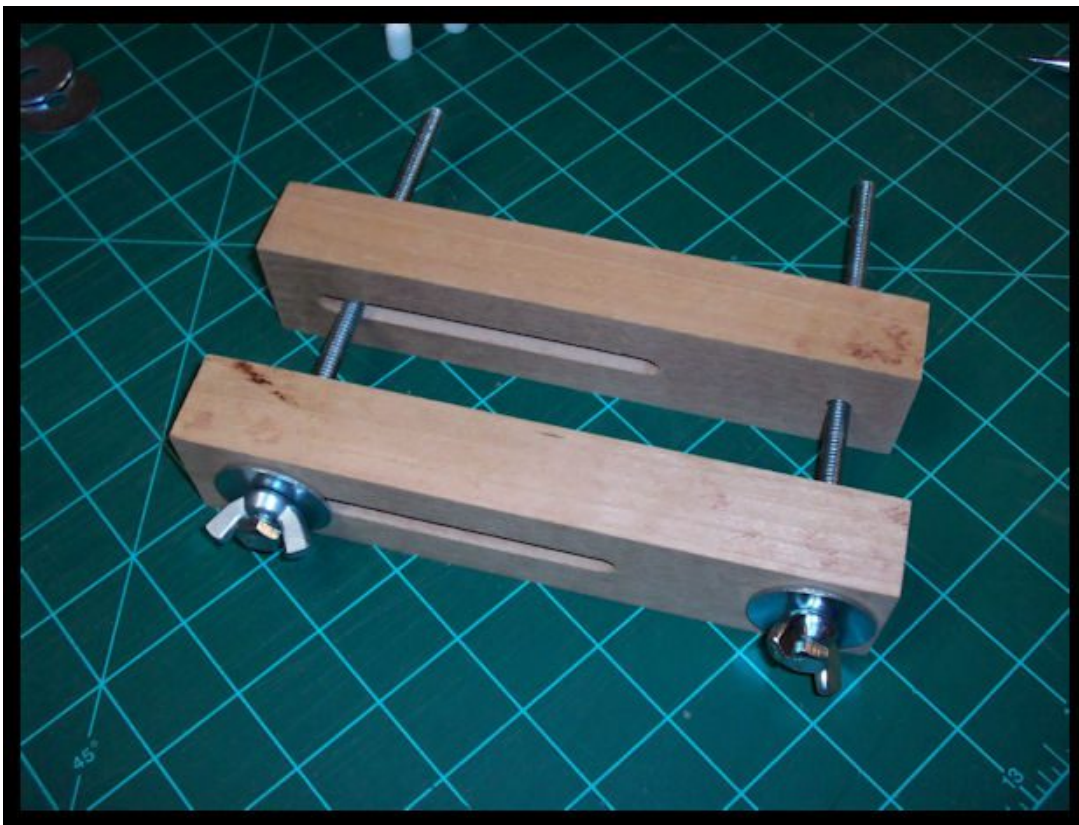




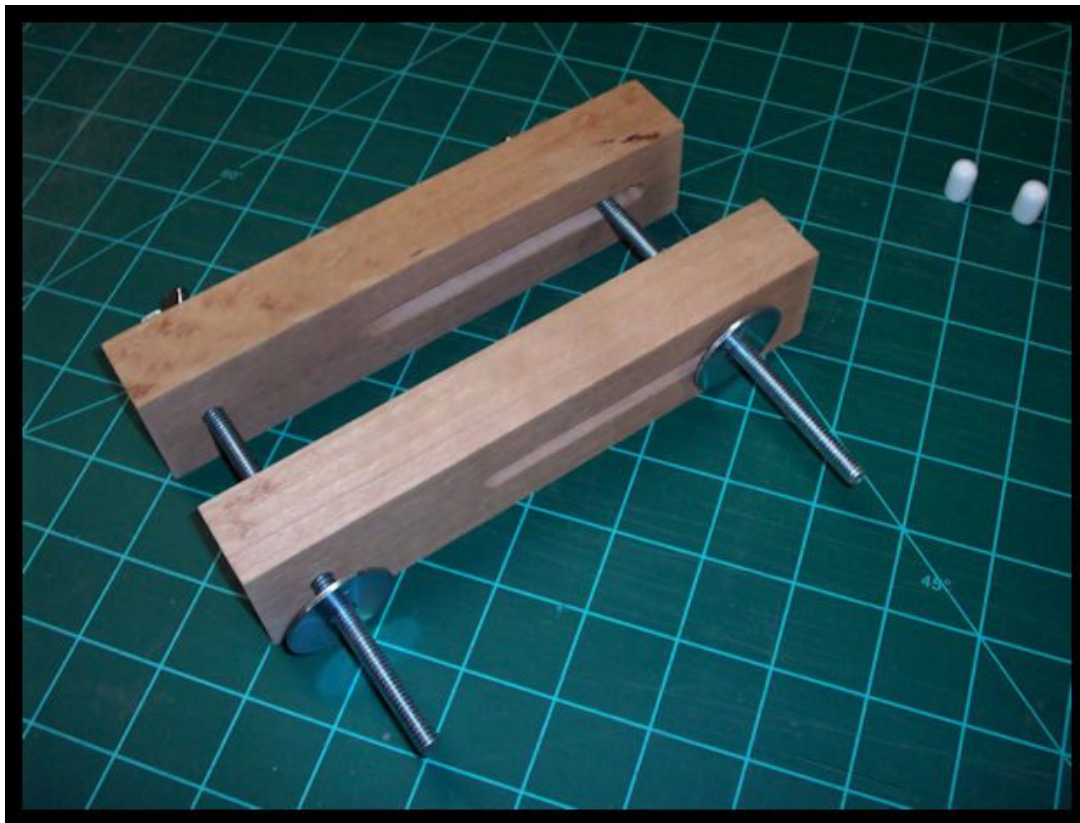
Install the 5/16" wingnuts on the bolts as shown



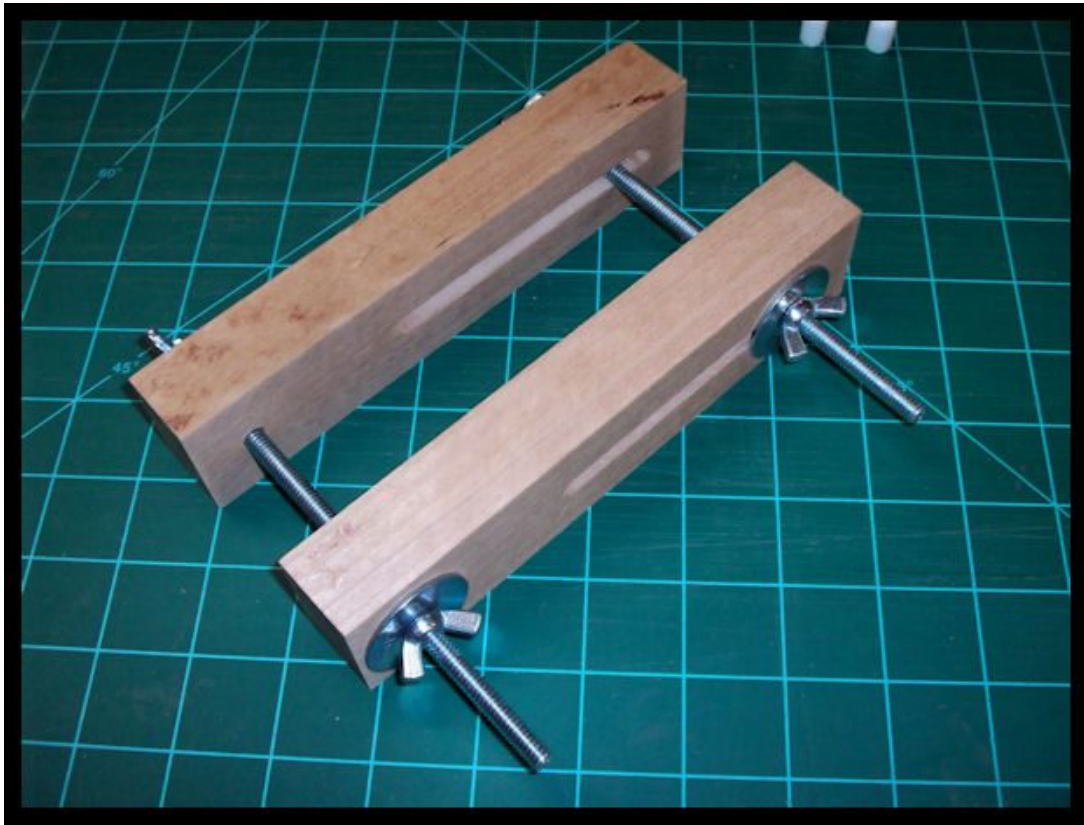
Install two of the washers.



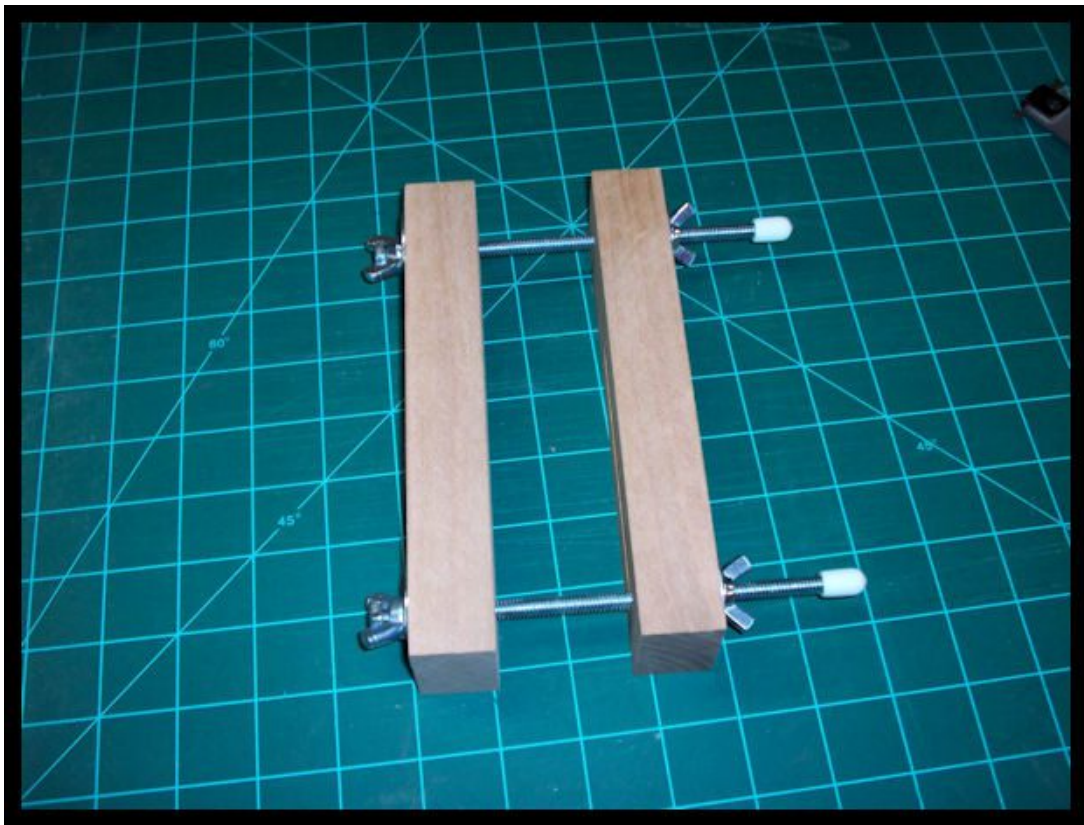
Place the bolts through the blanks.



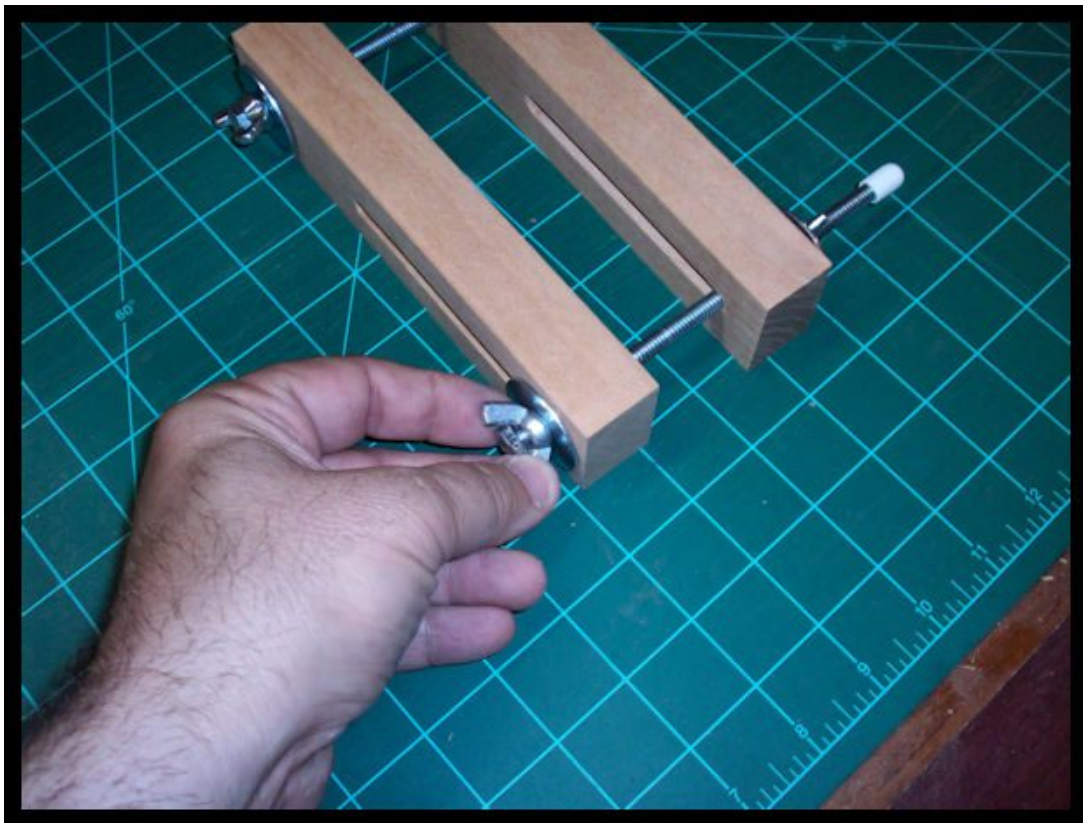
Next install the other two washers.



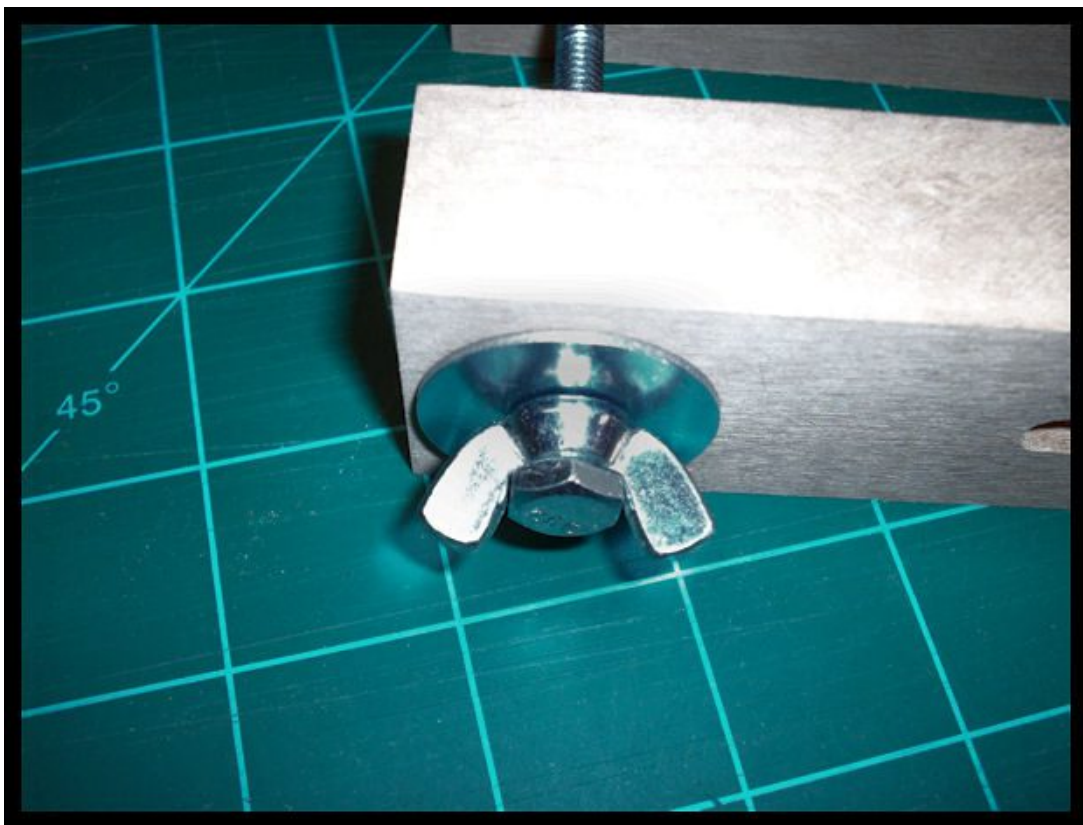
Install the two 1/4" wingnuts on the bolts.



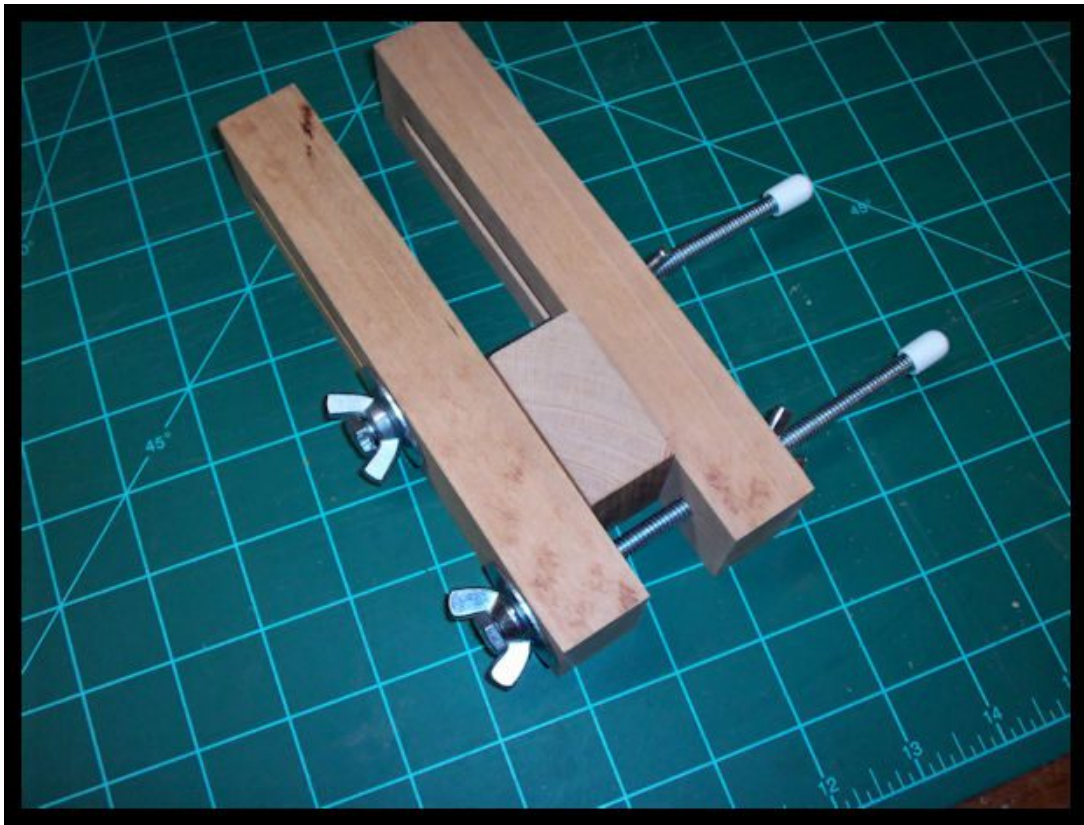
Cap each bolt with a rubber cap.



As you tighten the clamp hold the 5/16" wingnut as you spin the 1/4" wingnut

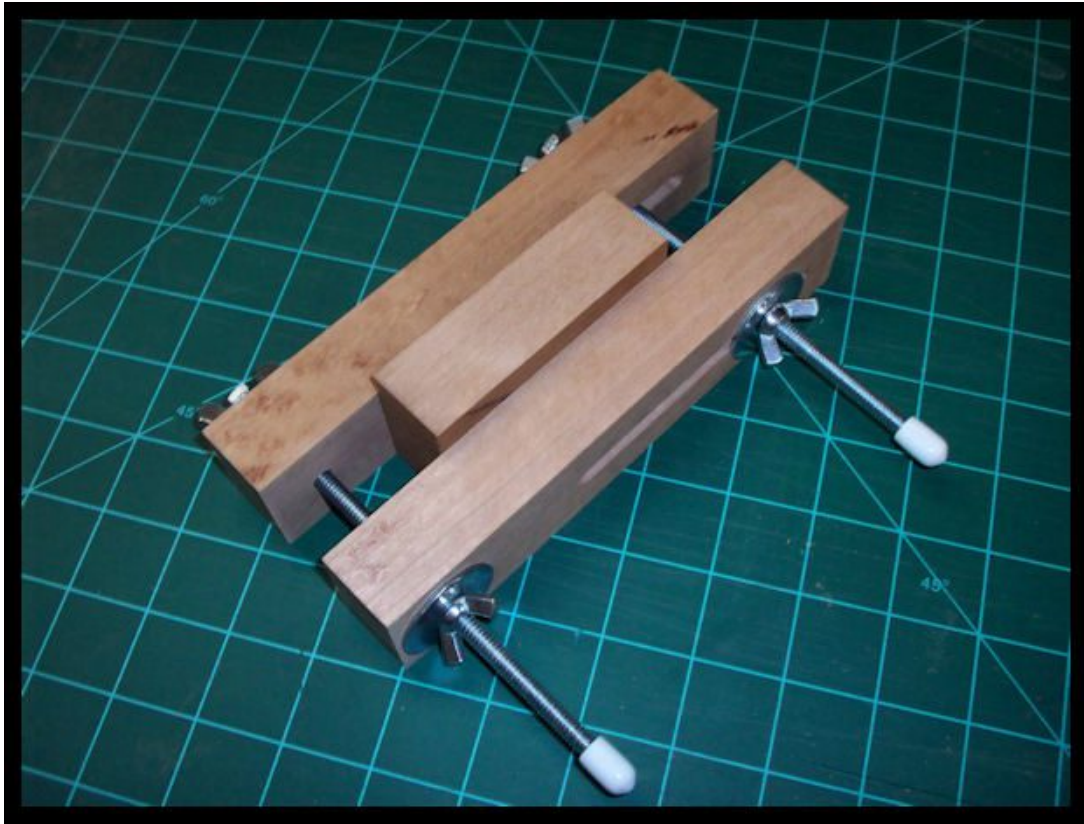


The hex head is captured by the wings of the wingnut and wont turn as to tighten the clamp.

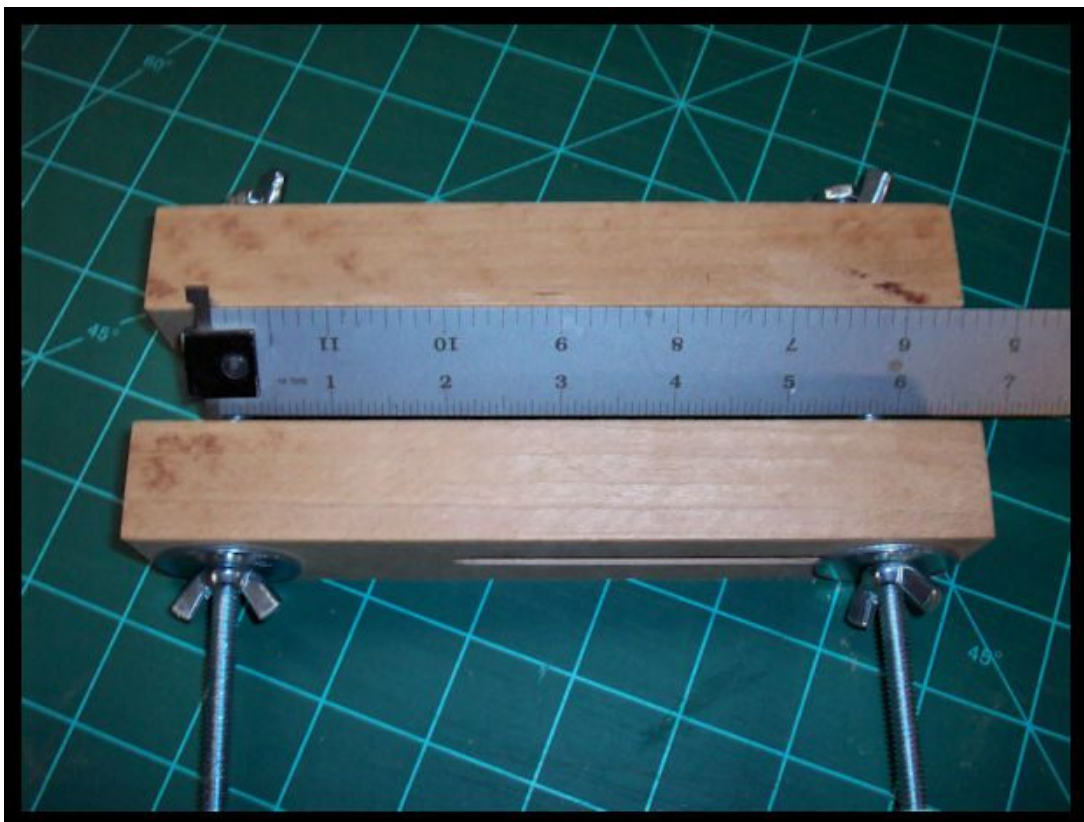


One of the bolts can be slid along the groove to adjust to the size of the project.





The clamp can accommodate a blank 5 1/4" long



Story stick for compound cut clamp.

