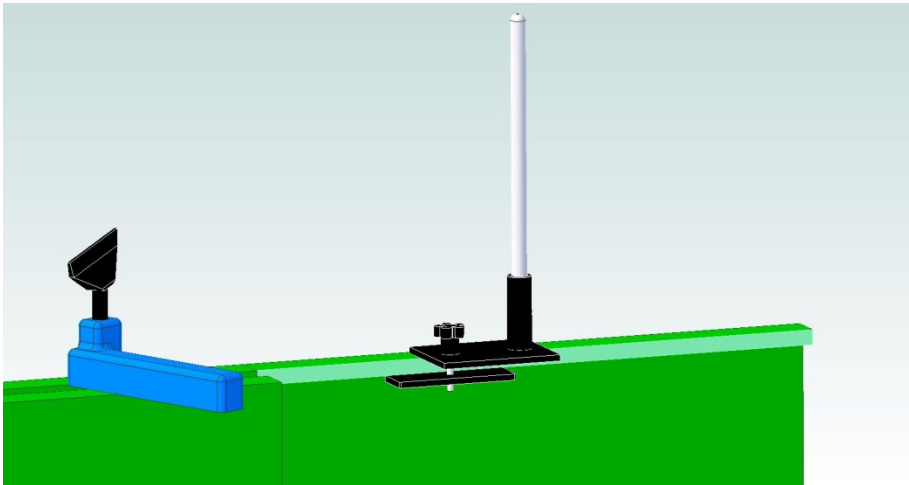


# Simple Hollowing System

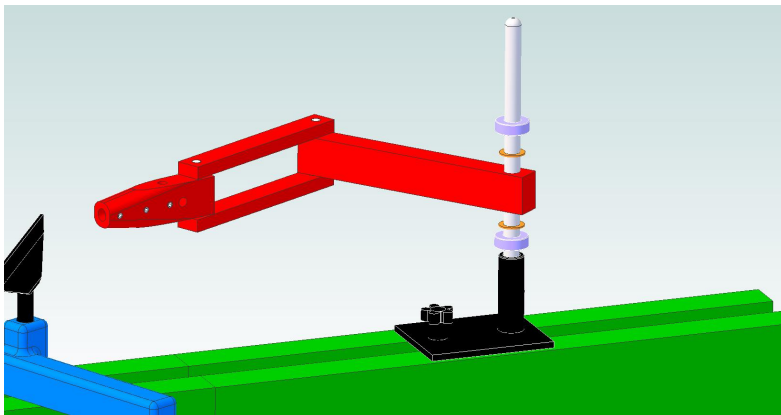
Set up Instructions: Watch on YouTube here: [https://www.youtube.com/watch?v=BNKBeX9ZI\\_Q](https://www.youtube.com/watch?v=BNKBeX9ZI_Q)  
or **scan QR code**



1. Clamp the mounting base and main pivot pin to the lathe bed. Secure the main pivot pin to the mounting base with an Allen set screw.

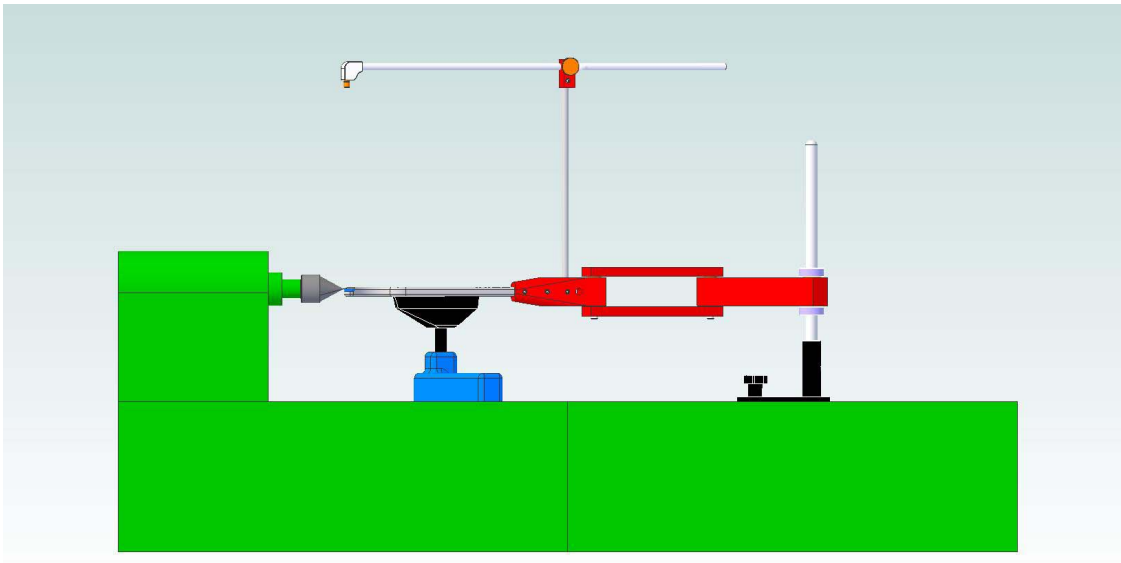


2. Slide a locking collar and a bronze thrust bearing over the main pivot pin. Then slide the hollowing system main linkage assembly over the pivot pin followed by another bronze thrust bearing and locking collar.



3. Install a pointed center in the lathe head stock.

4. Install a turning tool in the tool holder of the hollowing system. Position the hollowing system assembly vertically so the top of the cutter on the tool is directly in line with the point of the center. Raise the lower locking collar and thrust bearing on the main pivot pin until it's approximately  $\frac{1}{32}$ " below the hollowing system assembly and tighten the locking screw. Raise the tool rest under the tool until it's supporting the tool. Lower the upper locking collar and bearing to the hollowing system assembly and press it down until the  $\frac{1}{32}$ " space above the lower collar is gone. Tighten the set screw in the locking collar. This will create down pressure on the tool so you should feel a slight drag as the tool is moved across the tool rest. This drag is needed to help eliminate chatter. If you don't feel some drag on the tool lower both locking collars until you do.



If you purchased the optional laser it can be installed in the tool holder. After plugging in the laser adjust it so the light points at the cutting edge of the tool you're using. To achieve a certain wall thickness, for example  $\frac{1}{4}$  inch, adjust the laser light so it is  $\frac{1}{4}$  inch away from the edge of the cutter and firmly tighten the brass thumb screw. Hollow the inside of your vessel until the laser light just falls off the outside of the bowl. This will create a wall thickness of  $\frac{1}{4}$  inch. When working with thin wall vessels the best practice is to occasionally check the laser setting to ensure the proper wall thickness.

Thank you!

# Simple Hollowing System

Design change supplement.

The mounting base has been improved from that shown in the set up instructions. Assembly of the two mounting base components is now required.

Using three 10-24 x  $\frac{3}{4}$ " length flat head screws mount the base mounting tube to the mounting base plate and securely tighten the screws. Install two  $\frac{1}{4}$  - 20 Allen set screws in the base mounting tube.

The mounting base assembly is now ready for use.

