

HOLLOW TURNING RIG

This is my version of Capt. Eddie's steel snake. It's an articulated hollowing rig. Commercially available from \$250 to \$400(the Elbo tool and the monster articulated hollower). My final cost is \$38.73. Fun factor 10! This thing works just as smooth as I had hoped. Due to cost and never having done one of these I opted to start out using bronze oil impregnate flanged bearings. I would have preferred ball bearings or thrust bearings but the cost was more than I had planned on hence the bronze bearings. I may have to replace them as they might wear out more quickly than a ball bearing arrangement and will do so if wear becomes a factor. For now though I'm turning!!.

A bag of 10 bronze bearings from ENCO was the second highest cost with the rig. The bag of 10 was \$12.60. A 3-foot long piece of 1" solid square stock had the highest cost to me at \$20.00. The remainder of the dollars spent was for a few nuts and bolts that were not residing in my hardware bin. I used a #2 Morse taper that came with my Beall Buffing system to mount the rig to the tailstock. A draw bolt pulls the Morse taper in quite tight and I have had no rotation of the rig from its mount. Thank you Capt. Eddie!!! I never would have tried this if you hadn't made the post showing us how you did it

The bit holders are all home made too. I stumbled onto a "how to" at the around the woods site about making an Oland tool. Basically that's all these bit holders are. Just an Oland with no wood handle. Thanks to Darrell for the tutorial on Oland tools. Now to take it apart, clean and file down all the ends and edges, trim some bolts to eliminate a few too many washers buff it and re-assemble.

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See photo's below:

