

# Baby Rattle Demonstration Notes

by Gary Mrozek May 4th, 2019

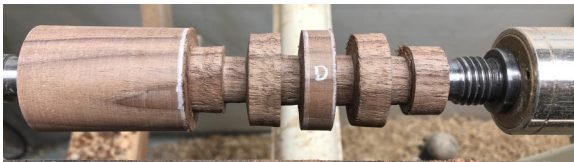
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Mount between centers a 6" long by 1 1/2" diameter stock.



- Starting from the tail stock end, mark off 5/8", seven section @ 3/8" and end with one @ 1/2".
- Set caliper to 1" and with a parting tool, turn the two **A** sections
- Set caliper to 5/8" and with a parting tool, turn the four **B** sections
- Set caliper to 1 1/4" and with a parting tool, turn the two **C** sections
- Section **D** is left at 1 1/2"



With a skew, spindle gauge or tool of your choice, round over sections **C**'s, **D** and the **A** at the end



Refine the beads with sandpaper, working through the grits from 100, 150, 220. etc.

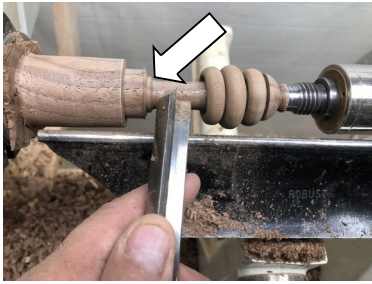
*Now will be the easiest time to sand the rings before you part them free, especially on the sides.*



With the ring tool, undercut each of the three rings. Alternate from one side to the other until ring is free.



*I made my ring tool from a 3/16" Allen wrench.*



With a gauge, level off the shaft. We'll turn it to its final diameter later, Move the rings to level the full length of the shaft.

An option is to leave some wood in the corners (see highlighted circle in the photo) This provide extra material to form a cover during the final shaping.



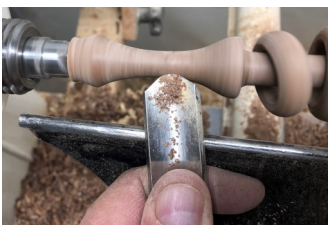
Attach a strip of sandpaper to the shaft with double stick tape, This creates a temporary sanding drum to cleanup the inside of each ring.



With a caliper set to 1/2", turn the shaft to its final finish. Use a spindle gauge to create a cove in the corners of each end of the shaft. Taping the rings in place can keep the rings out of the way.



Finish the shaft by sanding from 100. 150 and 220



The final steps include shaping the handle, sand it and parting it off the lathe. I applied a coat of Mahoney Walnut oil after and overall sanding.

