

## Turning an Artisan® Comfort Ring Kit

### Supplies Needed

- Ring Blank
- Ring Bushings
- Pen Mandrel
- Double Face Tape
- Sandpaper/Finish
- Eye and Ear Protection
- Chuck
- Scrap Block
- Revolving Center
- Drill Chuck
- Drill bit

### Selecting a Ring Blank

1. Select a blank that is at least 1/16" wider than the ring core you choose to turn. We recommend using a dense exotic wood or a stabilized blank for this project.



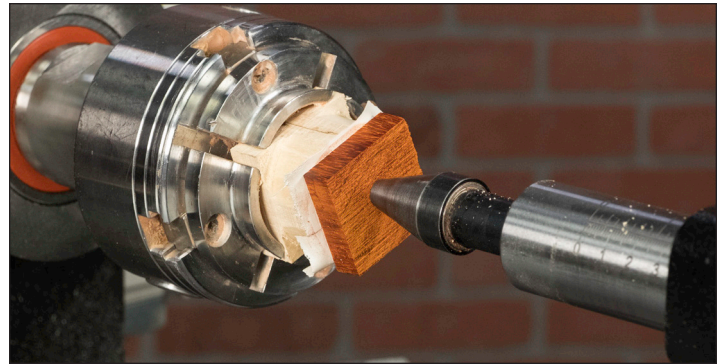
### Fitting the Ring Core

1. Mount a 2" square waste block in a chuck and true up the face of the blank.



2. Apply double face tape to the face of the scrap block and attach the ring blank. Make sure the backside of the ring blank is smooth to provide a good bond with the tape.

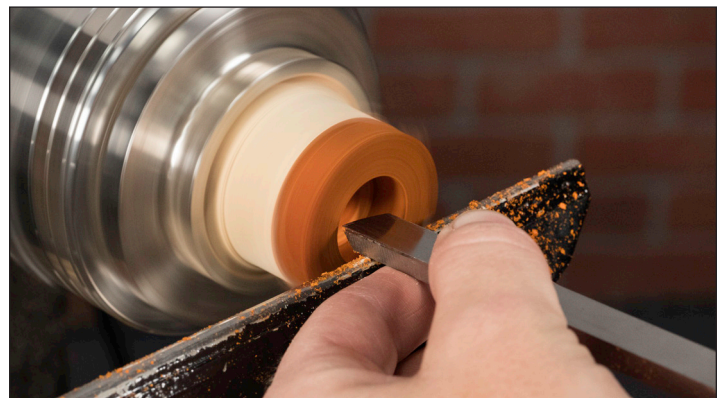
3. Advance the live center against the disc. This pressure will strengthen the bond of the tape during the rough turning of the disc.



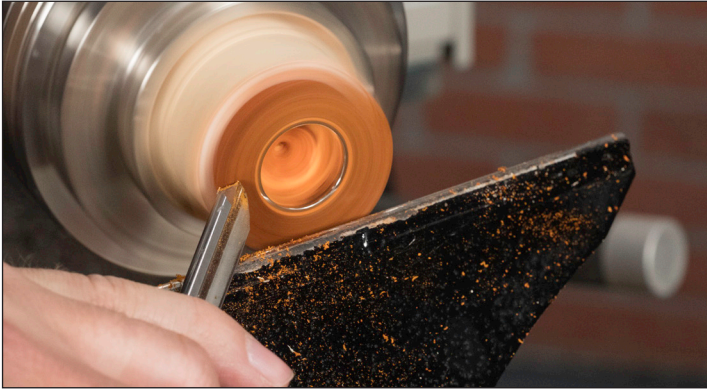
4. Rough turn the blank to round and remove the live center.
5. Select a drill bit half the diameter of the ring you are turning. Mount the drill bit in a drill chuck and drill through the ring blank.



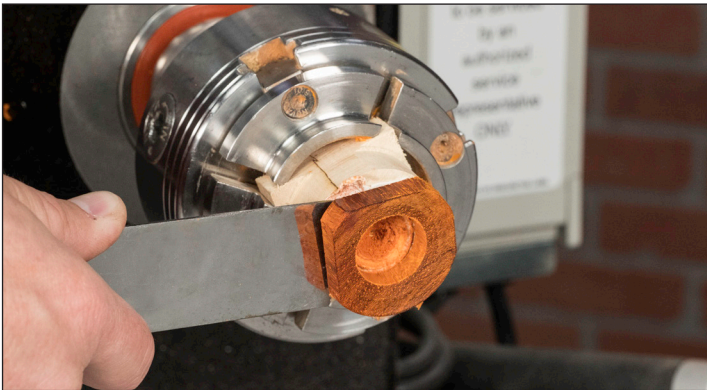
6. Now with a skew or narrow scraper flat on its side open up the drilled hole until the ring core fits in the hole. We recommend testing the fit frequently to avoid an oversized hole. Ideally the ring core should just barely fit in the hole. *Hint: We recommend having a few different sizes of ring cores on hand in case you make the hole too large, then you can simply go to the next size up and salvage the blank.*



- Once the ring core fits in the blank true up the face of the blank so that it is the same width as the ring core. This will ensure the blank fits the core perfectly.



- Remove the ring blank from the waste block. Slowly pry the blank from the waste block using a putty knife and it will release the ring blank. **Do not use too much pressure or the ring blank will break in half.**

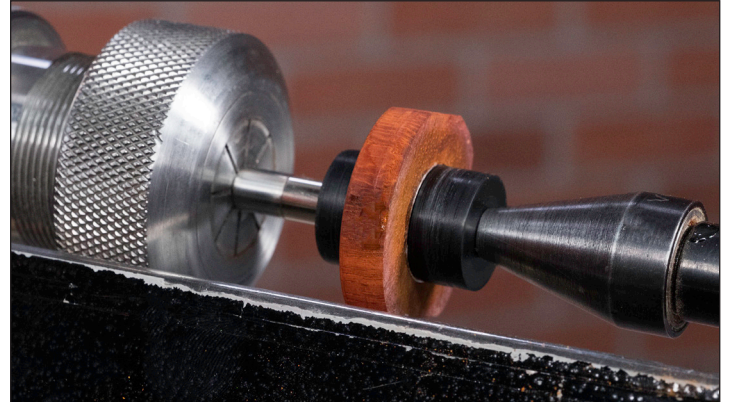


- Lightly coat the inside of the ring blank with thick or flexible CA glue or Epoxy and insert the ring core. Wipe away any excess glue.



## Turning the Ring

- Mount the blank on a pen mandrel using the ring bushings. Small ring bushings fit rings sizes 4-7, Medium bushings fit rings 8-11, and Large bushings fit rings 12-16. So use the appropriate bushings for your ring. *Note: For 3mm wide cores, sizes 4-7 you may need flip one of the bushings for them to mount securely.*



- Turn the blank to your desired shape. Sand the blank through 320 grit or higher.
- Finish the blank with your choice of finish, we recommend doing a CA finish as it will be glossy and resistant to moisture.



- Your ring is now ready to wear!

