

# Lifestyle Ring



**This is a precision project. Please read the instructions carefully.**

## Needed:

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- Ring blank 40 x 40 x 13 mm
- Lifestyle ring bushings appropriate to the size of ring you are making (S, M or L)
- Digital calipers
- Good quality double-sided tape
- Chuck capable of holding 2" square block of scrap wood
- Softwood block of scrap wood 2" square by 2 ½" long
- Live centre
- Drill chuck or collet chuck
- Drill appropriate to the size of ring you are making

## Preparing the blank:

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1. Use a blank that is approximately 40 mm x 40 mm square and at least 3 to 4 mm thicker than the ring you are making.
2. Mount a 2" x 2" x 2 ½" softwood scrap

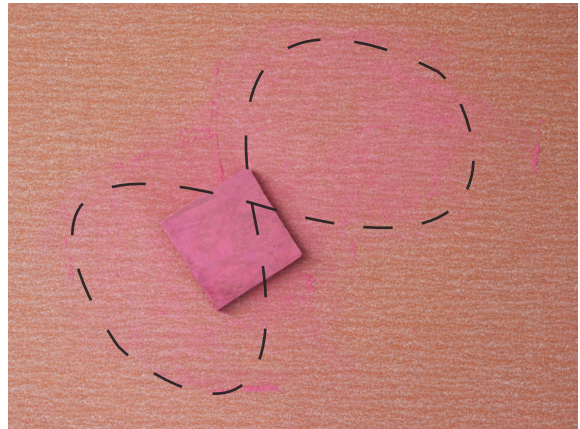


# william wood-write

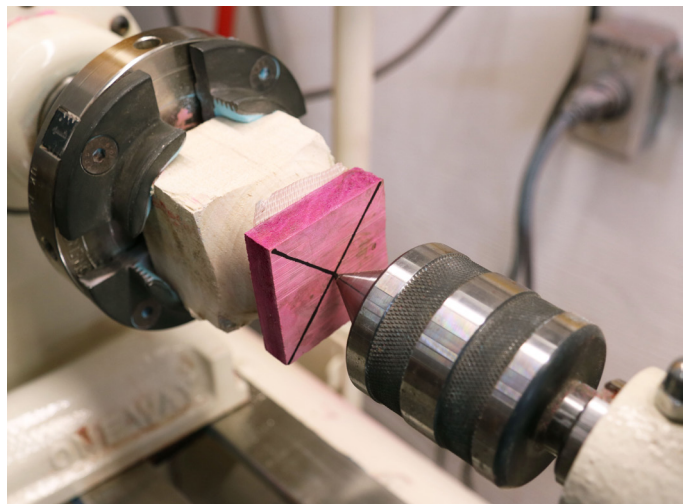
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block of wood on a chuck and true up/ square the face of the block.

3. To ensure the ring blank is flat, place the ring blank face down on a sheet of 220 grit sandpaper and sand in a figure eight motion until smooth. This will give a good bonding surface to the tape between the ring blank and the waste block.



4. Apply 1 ½" double-sided tape to the flat surface of the ring blank and attach it to centre of the end of the trued face of the waste block.
5. Install a live centre in the lathe tailstock and advance it to press against the ring

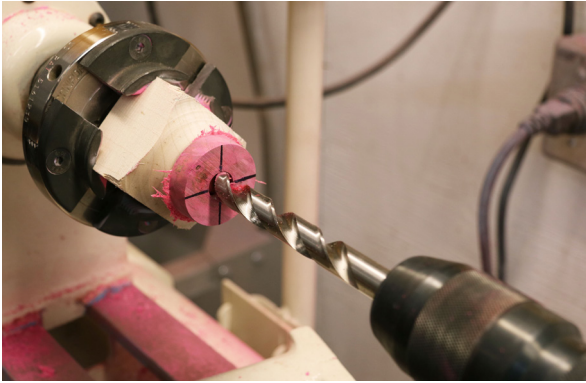


blank. This will strengthen the bond between the ring blank and the waste block.

### Turning the blank:

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1. Rough-turn the ring blank round and then back off the tailstock.
2. Square up the face of the ring blank until the blank is 0.5mm wider than the ring core you are making (3mm, 5mm, or 8mm).



3. Mount a drill bit that is approximately half the size of the ring into the lathe tailstock. Drill through the ring blank.



4. Using a small scraper or skew, enlarge the hole until the ring core fits snugly into the hole. **Stop and check the size often to avoid making the hole too big.**
5. Carefully (to avoid breaking the ring blank) remove the ring blank from the waste block. One way to do this is to take the

sharp edge of the skew and insert the tip into the seam between the scrap block and the ring blank. Twist it gently from side to side to separate. Move around the ring blank repeating this motion. Be sure to be gentle or you risk breaking the ring blank – it is fragile.

6. Lay the ring blank down flat on a sheet of 220 grit sandpaper and sand in a figure eight motion until the blank is **EXACTLY** the width of the ring core. **This measurement must be precise.**
7. Coat the inside of the ring blank with epoxy and insert the ring core into the blank. Wipe off any excess glue. Wait for glue to cure.

### Turning the ring:

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1. Mount the blank on a pen mandrel using the ring bushings. Small ring bushings fit ring sizes 4-7.5, Medium bushings fit rings 8-11.5, and Large bushings fit rings 12-16. So use the appropriate bushings for your ring. Note: for 3mm wide cores, sizes 4-7.5 you may need to flip one of the bushings for them to mount securely.
2. Turn the blank to your desired shape. Sand the blank through 600 grit or higher.
3. Finish the blank with your choice of finish. We recommended a CA finish as it will be glossy and resistant to moisture.