

Turning a Disc

These instructions describe the process of turning a wooden disc to be used as an insert on projects such as mirrors, secret boxes, and other similar projects.

Supplies Needed

- Faceplate
- Hardwood Waste Block
- Revolving Center
- Blank
- Double Face Tape
- Sandpaper/Finish
- Eye and Ear Protection

Steps

1. Mount a waste block on a faceplate or in a chuck.
2. Turn a tenon with a flat face (see figure 1). The tenon will be the same diameter as the recess of the project you are making.
3. Cut a wood disc about 1/4" larger than the tenon diameter.
4. Check to see that the back of the disc to be turned is flat and dust free.

5. Tape the face of the tenon with double face tape and attach the back of the disc to the double face tape.
6. Advance the live center against the disc (see figure 1). This pressure will strengthen the bond of the tape during the rough turning of the disc.
7. Remove the live center after the rough turning is completed.
8. Finish turning the disc until it is the same diameter as the tenon (see figure 2). Sand and finish the disc.
9. When removing the disc, gently wedge a wood chisel between the disc and tenon. Use slow, steady pressure until the tape begins to separate and disc breaks free.
10. Sand or clean the back of the finished disc to ensure a good glue joint.
11. Glue the disc to the surface of the project with a flexible adhesive.

Figure 1

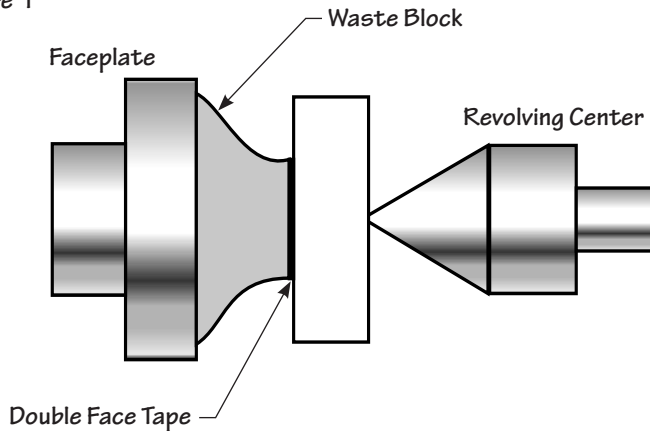


Figure 2

