

## Turning a Hummingbird Feeder

### Supplies Needed

- 1" Drill Bit
- Blank at least 8" Long
- Faceplate
- Revolving Center
- Silicon Glue
- Sandpaper/Finish
- Drill or Drill Press
- Waste Block
- Eyelet Screw
- Eye and Ear Protection

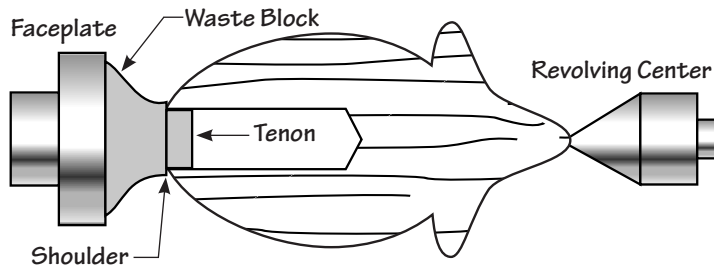
### Cutting and Drilling the Blank

1. Select a wood blank at least 8" or longer. Mark the centers of the top and bottom of the blank for drilling.
2. Drill a small hole for an eye-screw in the top and a 1" hole 6 1/2" deep in the bottom for the tube.

### Turning the Hummingbird Feeder

1. Mount a 2" thick waste block on a faceplate. Turn a 1" tenon about 1/2" long on the front of the waste block. The tenon should fit snugly into the 1" hole drilled into the bottom of the blank. Leave a small shoulder on the waste block at the base of the tenon. The tenon will center the blank and the shoulder will drive the blank while turning. (see Figure 1)
2. Mount the blank between centers with a revolving cone center on the eye-screw hole and the waste block tenon in the 1" hole. Make sure that the blank is held firmly between centers. (see Figure 1)

Figure 1



3. Turn the blank to the desired shape, sand and finish.
4. Glue the glass tube into the hole with a silicon adhesive glue (see Figure 2). The silicon adhesive will expand and contract with wood movement.
5. Screw the eye-screw into the small hole in the top. (Figure 2)

Figure 2

