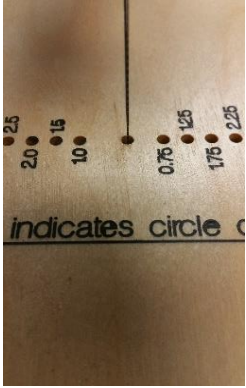
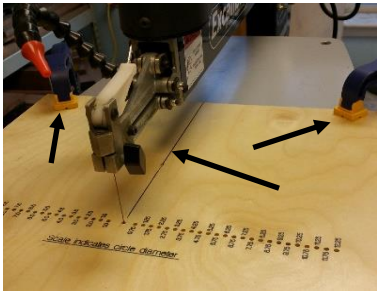


## Circle Cutting Fixture Instructions

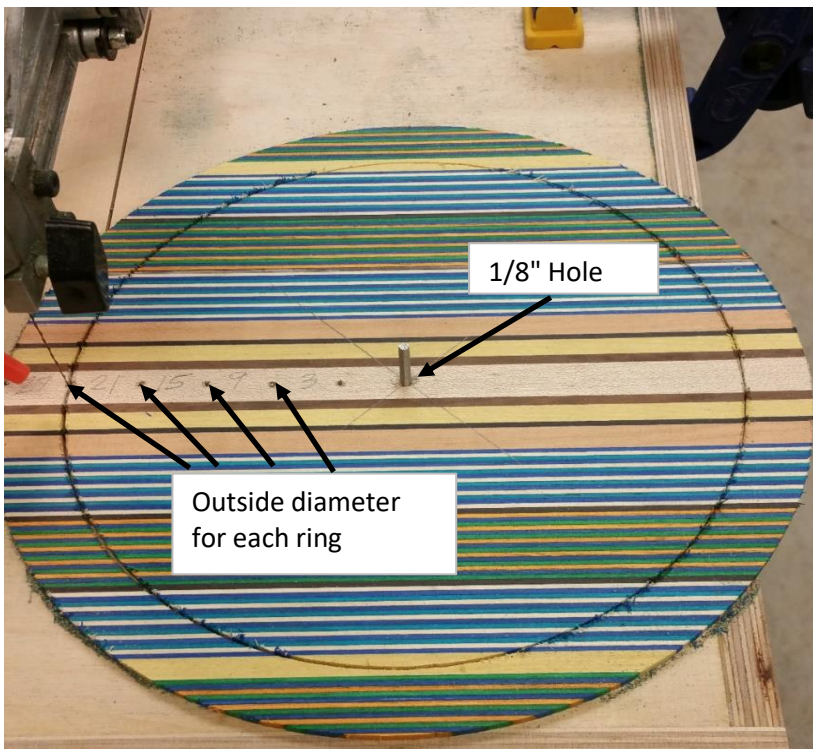
The fixture is based in 1/8" radius increase. The holes on the left are spaced 1/4" apart. The holes to the right are also spaced 1/4" but offset by 1/8". The holes are labeled for the actual diameter of the ring. Depending on the diameter the pin will be installed on either side of center. The solid line going from the center hole to the back is a guide for cutting a kerf with either the scroll saw or band saw. The kerf makes it easier to install the fixture to the table. Just slide the blade through the kerf until centered in the hole. I use a spiral type blade with 45 tpi. The spiral blade cuts a very nice circle.



Install the fixture on the scroll saw table with the blade centered in the center hole. After it is centered clamp the fixture to the table securely to prevent movement.



This picture shows clamp locations and blade kerf line.



1. Locate the center of the board
2. layout the radius of each ring with a ruler and number each ring as per cut sheet.
3. Drill saw blade access holes (smallest that blade will fit through) for each radius
4. drill 1/8" hole for the pin at the center
5. insert blade through the board at the desired location
6. Insert the pin in the proper **DIAMETER** hole of the fixture.
7. Rotate the board around the pin to cut the circle.