## **Examples of Various Offsets and Rotations**

The three main factors affecting the patterns generated from the different settings are the offset, the rotation of the pendant mount and where the tool is placed along the horizontal axis of the pendant when the cuts are made. Of the three, subtle changes in the tool placement for the cut probably have the most profound effect, so try a lot of different positions. Practice with scrap until you achieve the desired effect, recording the offset and rotation settings as you go. After that you should be able to accurately reproduce that effect using the same settings. As a learning exercise, I adjust the offset and rotation and then turn the fixture by hand using a pencil to lightly mark a scrap pendant for a proposed tool placement to see the effect the settings have. When you are ready to turn a pendant, you can also use the pencil mark technique to make it easier to see the tool placement for the cut when the fixture is turning.

Below are some examples of various offset, rotation and tool placement. They were done by placing a label on the pendant mount and drawing lines at the different settings. They were not chosen because they are attractive, but rather to give you an idea of how each can change the appearance.

Example 1	Offset	Rotation	
Line 1	1/4"	0	
Line 2	1/2"	0	3 2
Line 3	3/4"	0	1 1 1
Tool placement also changed for each line.			
Example 2 Line 1	Offset 1"	Rotation 0	5 1
Line 2	1"	30	
Tool placement also changed for each line.			
			17