Requirements - Table Saw Bevel Cuts

Inside Out Three or Six Staves

- 1. Adjustable sled riding miter slot.
- 2. Adjustable depth stop to ride opposite slot.
- 3. Table saw rip fence parallel to blade.
- 4. Gauge block with kerf cut at 60 degrees.
 - a. Same thickness as sled.
- 5. Digital magnetic blade gauge.
- 6. Saw throat insert that allows tilt.
- 7. Scrap flat board(s) with parallel sides

Steps:

1. Preparation

- a. Calculate key measures.
 - i. Board width plus 1" or more for clamping.
 - ii. Distance from fence to blade.
- b. Verify sufficient board width & prepare stock to uniform thickness.
- c. Set saw blade angle to 60 degrees using digital tool.
- d. Rip 1st side at angle.
- e. Set depth(width) stop.
 - i. Gauge block to indicate saw blade.
 - ii. Ensure parallel to blade using saw rip fence and scrap board with parallel edges.
 - iii. Stack boards edge to edge as necessary.
 - iv. Cinch stop.
- f. (optional) Use cutoff to enhance zero clearance saw plate.
 - i. Double stick tape.

2. Cut #1

- a. Clamp project wood to sled.
- b. Remove depth stop.
- c. Slow & steady to avoid burn marks.
- d. Allow saw to stop.

3. Cut #2

- a. Replace the depth stop without adjustment.
- b. Re-clamp project wood against depth stop.
- c. Remove depth stop.
- d. Slow & steady to avoid burn marks.
- e. Allow saw to stop.

4. Cut #3

- a. Replace the depth stop without adjustment.
- b. Re-clamp project wood against depth stop.
- c. Remove depth stop.
- d. Slow & steady to avoid burn marks.
- e. Allow saw to stop.
- 5. Continue three more times for a 6 stave project.

