Inside-Out Turning

Design

- May be in conjunction with or after Wood Selection
- Shape, Size, Color contrasts
- Desired Thickness of final turn *1

Wood Selection

- Planed and squared is BEST
- Determine best fit for outside turning
- Align grain to matching pattern

Inside Turn

- Setup Wood *2
- Turn inside on Lathe (between centers) *3
- Sand and Finish Inside
- Separate pieces for outside assembly, putty knife might be helpful

Outside Turn

- Align and glue wood, note piece numbering, may need clamping *4
- Turn Outside *5
- Sand and Finish

*1 – See appendix for design and thickness considerations

*2 – Determine the outside turning final state

Match grain patterns

Centers meeting if wood stock is not squared

Number pieces to help keep track of assembly for outside turning

Hold Pieces together using:

Glue and paper method

Double sided Tape. Woodworkers or Scotch (permanent)

Masking tape at each end helps to stabilize, hold and mark wood

*3 the only time I needed something other than between centers was with 3x3 turning

You need space at ends for gluing pieces together prior to the final turn

*4 Design consideration to place object within pieces prior to gluing

*5 Turn from the tail stock to the drive on thin items you may need to sand and finish along the way

On some pieces it might be easier to first create a tenon and mount into a chuck

On some pieces you might need support on the tail stock side even with the tenon

On thin pieces, profile changes are challenging

Stop the lathe and check out progress

Appendex A - Design Considerations