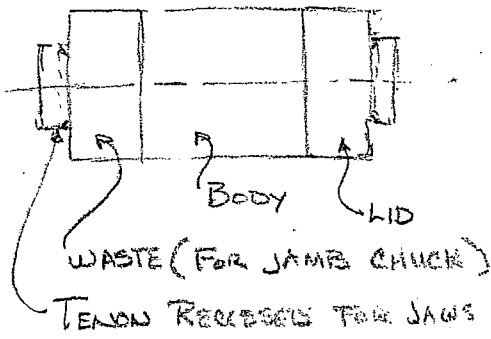
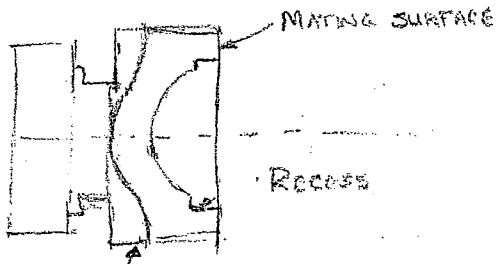
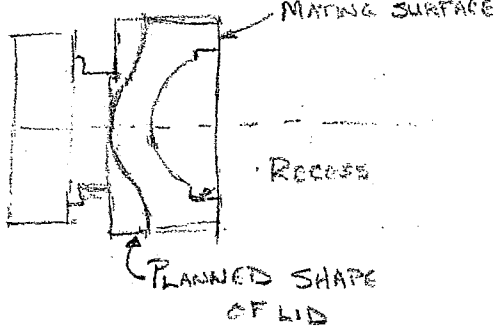
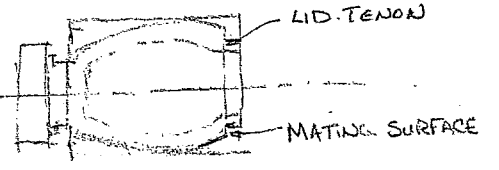
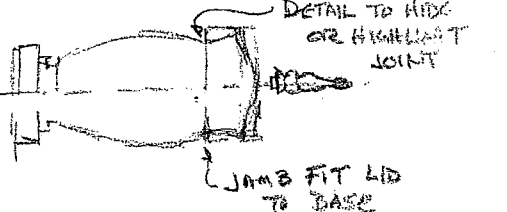


Turning End-grain Boxes

Step by step

Ron Williams, September 2008

Process	Tools Required	Sketch
Turn a cylinder, slightly wider than the finished diameter of the box, and longer than the height of the box by at least 3/8"	Safety Drive, live center, roughing gouge	
Create tenons on both ends to fit your chuck.	3/8" beading and parting tool, "V" scraper.	
Mount in chuck by top tenon. Part off base (and any excess reserved for a jam chuck).	4-jaw chuck, 1/8" parting tool	
Turn inside of lid: <ul style="list-style-type: none"> • Decide on diameter to fit over the base rim, thickness of top. • Hollow inside of lid • Cut lid recess square • Clean up mating surface • Detail, sand and finish inside the lid 	Dividers and depth gauge, hollowing tools, 3/4" skew	
Turn the base of the box: <ul style="list-style-type: none"> • Shape the outside of the box • Cut the lid tenon to fit the to • Clean up the mating surfaces. • Hollow the base • Sand and finish inside 	3/8" spindle gouge, 3/8# beading and parting tool, 3/4" skew, drill chuck, hollowing tools, depth gauge	
Turn the outside of the lid. If fitting a finial, drill for tenon. Detail and sand top. Glue in the finial, finish the top.	Masking tape, 3/8" spindle gouge, skew, "V" scraper	
Reverse turn the bottom of the base. Turn away all fixing evidence, detail, sand and finish the base.	Jamb block, masking tape, 3/8" spindle gouge, "V" scraper, skew.	