

Rectangular platter instructions

June 29, 2017 Neal DeVore

1. Mark center of blank
2. Drill hole slightly smaller than screw which came with your chuck and shallow so as not to allow foot on platter. Use 1/4-1/2" spacer to minimize screw penetration. Screw on blank and bring up tail stock to pin it between centers
3. Turn blank by hand to insure clearance on ways and tool rest.
4. Move rest to face of blank. True up face of blank corners to establish reference thickness when turning bottom. Use small nibbling push scrape cuts with flute open and push into corners a small amount at a time. Turn off lathe and move rest to back of blank and make same cuts on bottom corners and establish desired thickness using same small nibbling scraping cuts. Remove as much waste as possible across the rest of blank blending the desired curve into the corner. I turn at about 1500 -1800rpm. Try to establish a uniform 1/4 to 1/2 thickness

5. Make a tenon to fit your chuck. Texture back if desired.
6. Apply a bevel rubbing push cut from corner to foot (tenon)
7. Sand corners by hand with lathe stopped. At slow speed sand the balance of platter (solid wood) to 320 grit.
8. Unscrew blank, remove screw from chuck, and mount tenon in chuck. Bring up tailstock and pin blank between centers