

## 25 Quick and Easy Steps to Basket Illusion

1. Cut your blank round on the bandsaw
  - a. This speeds up the process
  - b. This makes the initial turning safer
2. Find the center of the top of the bowl and drill pilot hole
  - a. Use center finder
  - b. Measure in with ruler
  - c. Drill appropriate size hole (5/16") to depth of bowl
  - d. Use shims if necessary to alter length of screw
3. Thread blank onto screw center
  - a. Do this with lathe turned off
  - b. Make sure blank seats firmly against chuck face
4. Turn blank round
  - a. Always cut into face grain, not end grain
  - b. Use bowl gouge, caressing the bevel
5. True up the face of the blank, if necessary
  - a. Cut into face grain, not into end grain
  - b. Clean up nibbles with pull cut
6. Cut recess into base
  - a. Mark correct diameter with calipers and pencil
  - b. Use parting tool at appropriate angle for chuck jaw taper
  - c. Clean out interior of recess to appropriate depth
7. Shape exterior of bowl
  - a. Leave adequate rim around recess
  - b. Use bowl gouge to shape exterior
8. Bead exterior of bowl
  - a. Start at rim
  - b. Lightly score lines
  - c. Repeat beading process going deeper
  - d. Repeat beading process, finishing off beads to full depth
9. Scorch valleys between the beads
  - a. Use countertop material samples
  - b. Can sand sample to make it thinner if necessary
10. Draw radial lines on exterior of bowl
  - a. Use S&S Index Plate and Poker to get best results
  - b. Calculate circumference to determine segments needed
  - c. Replace tool rest with pencil rest
  - d. Set pencil at centerline, or not
  - e. Keep pencil sharp

Now it's time to work on the inside of the turning!

11. Unscrew the blank, and remount on the chuck
  - a. Now you learn the holding power of a screw chuck
  - b. Use spindle lock, if necessary
12. Remove wood from interior of bowl
  - a. Use push cuts with a bowl gouge
13. Fine tune interior with negative rake scraper, if necessary
  - a. Only do this step if you can't excel at step 12
14. Bead interior, starting at the rim
  - a. Keep beading tool perpendicular to surface of turning
  - b. Repeat Step 8 a,b,c, and d
15. Scorch between the beads
16. Use index plate to draw radial lines
  - a. Align interior lines with exterior lines
  - b. Keep pencil sharp

You're now done with the quick and easy part, and now face the time-consuming part of this project

17. Burn the radial lines interior and exterior
  - a. Have a good pyrography setup, with sharp tips
  - b. Have good lighting
  - c. Have good ventilation
  - d. Have a good recliner, this step takes awhile
18. Remount on chuck to sand burn line burrs
19. Sand entire interior, and what's beaded on the exterior
  - a. I typically start with 180 and go to 1500
  - b. I use Festool foam-backed pads
  - c. Sand in forward and reverse if you can
  - d. Don't spend too long at this
20. Reverse the bowl and clamp in jumbo jaws
  - a. Be confident in clamping ability of jaws
  - b. If using Nova Cole jaws, pitch the buttons
  - c. Use Vicmarc or Oneway buttons to minimize surprises
21. Turn bottom to blend in base
  - a. Light cuts with gouge
  - b. Blend in with smooth curves
22. Continue beading to center
  - a. By now you should know how to do this
23. Extend radial lines to center
24. Finish burning radial lines
25. Remount in Jumbo jaws, and sand new bottom

Now you can color in little rectangles 'til your hearts content!!

