

# Coffee Cup

By Bruce Purvine

1. 4x4x8 stock
2. Mount on screw chuck
3. Turn round ( $3 \frac{3}{4}$  -  $3 \frac{1}{2}$ ) turn tenon
4. Mount on chuck
5. Drill hole ( $\frac{3}{8}$ )  $5 \frac{1}{2}$  deep
6. Drill second hole with  $1 \frac{1}{8}$  forstner  $5 \frac{1}{2}$  deep
7. Enlarge hole to approx  $2 \frac{1}{8}$  with gouge
8. Now run  $2 \frac{1}{8}$  forstner  $5 \frac{1}{2}$  deep
9. Measure inside cup lip (approx  $2 \frac{7}{8}$ ) Mark end of stock
10. Use bowl gouge & scraper Clean inside with taper to this line until wood fits cup Use chalk
11. Use parting tool so material fits under lip Be sure to leave excess material above cup lip
12. Measure depth of hole  $5 \frac{1}{2}$  & add approx  $\frac{1}{2}$  inch Then mark this point (bottom of cup) and use parting tool to mark this point
13. Work outside of cup down to lip of cup and turn bottom to  $2 \frac{5}{8}$  at base
14. Sand to 600
15. Remove from chuck and mount on jam chuck
16. Finish bottom Add rings Final sand
17. Finish with minwax “wipe on poly” clear satin
18. Buff for final finish