

Beall Spindle Tap

Tapping a Blank

1. Bore a hole $\frac{1}{8}$ " under the lathe's spindle size ($\frac{7}{8}$ " for 1" spindle, $1\frac{1}{8}$ " for $1\frac{1}{4}$ " spindle, $1\frac{3}{16}$ " for 33mm). Do not use an end grain block as it will not tap well.
2. Lock your spindle, and using the tailstock to center the back end of the tap, start it in the hole. Turn the tap with a wrench, and, at the same time, advance the tailstock to keep pressure on the tap as it turns into the wood.
3. Face off the front of the block so that it will seat properly against the spindle shoulder. Turn a slight recess in the front of the block since most spindles are not threaded all the way to the shoulder.