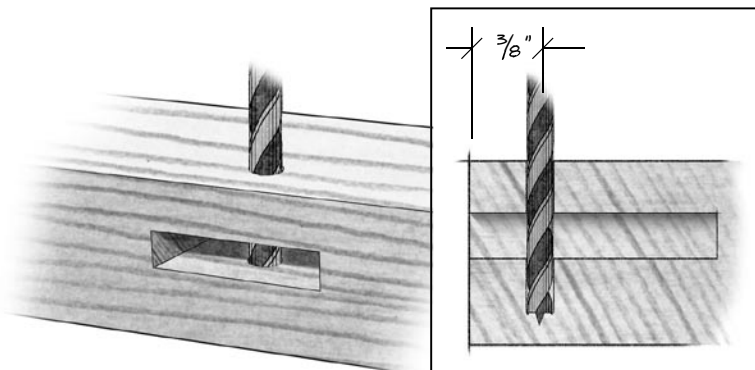
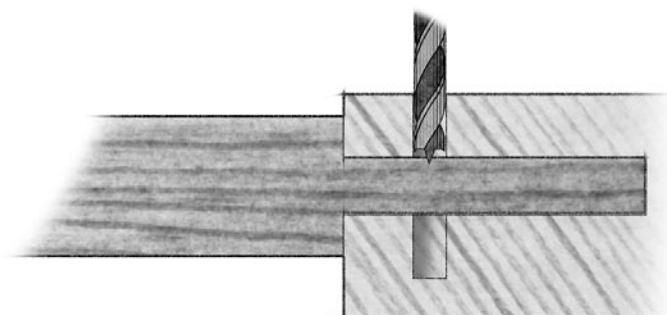


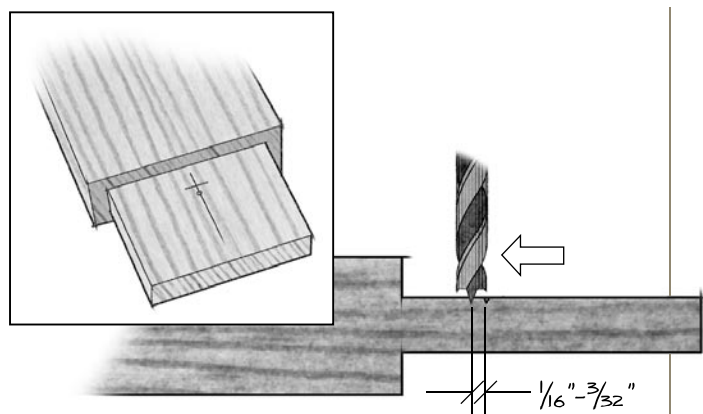
Drawboring Basics



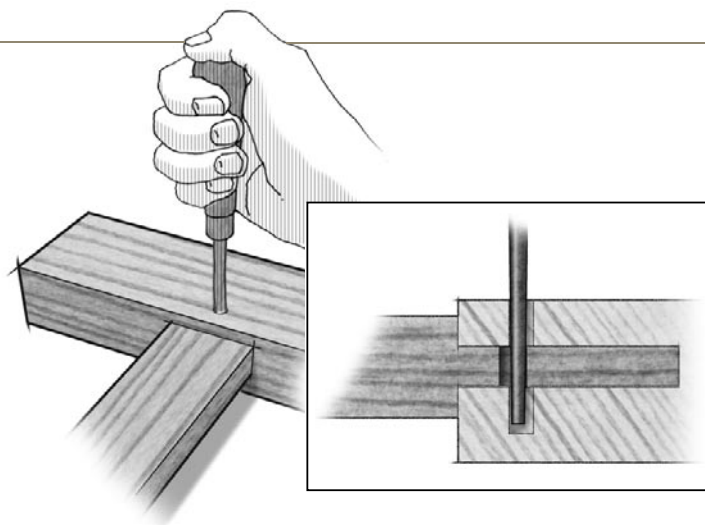
- 1** Bore $\frac{1}{4}$ "-diameter hole through both mortise walls. The center of the hole should be $\frac{3}{8}$ " from the edge of the mortise.



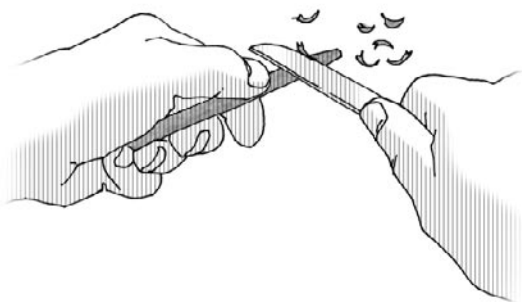
- 2** Assemble the joint. Mark the hole's center on the tenon using a $\frac{1}{4}$ " brad-point bit.



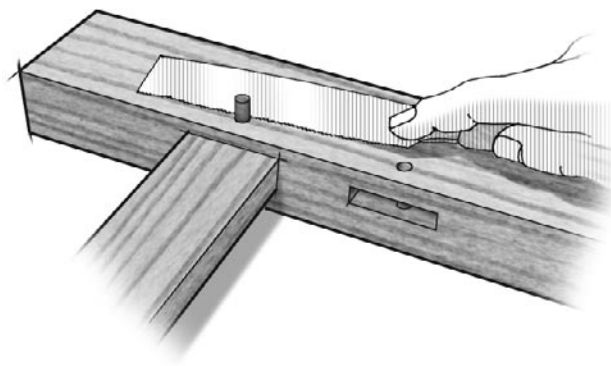
- 3** Remove the tenon and shift the mark closer to the tenon shoulder – $\frac{1}{16}$ " to $\frac{3}{32}$ ". Use the same bit to bore a $\frac{1}{4}$ "-diameter hole through the tenon at the offset mark.



- 4** Reassemble the joint. Twist the drawbore pin into the joint to check the fit. Ensure there are no gaps in the joint.



- 5** Whittle the end of a $\frac{1}{4}$ " peg to about $\frac{1}{8}$ " diameter at the tip. Add glue to the joint and peg. Assemble the joint and hammer the peg through the offset holes.



- 6** Saw (or chisel) the protruding peg material flush with the work.