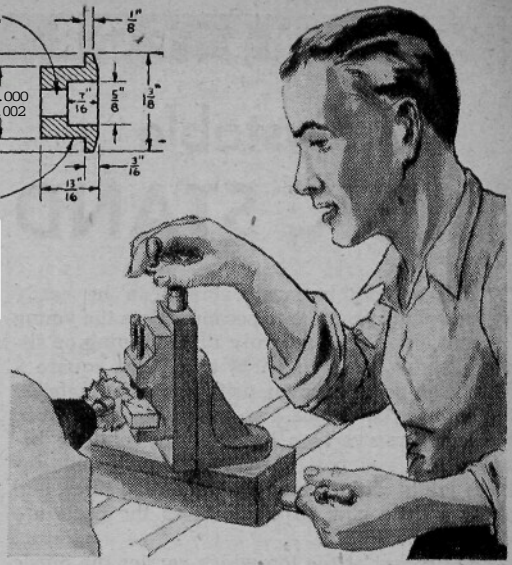
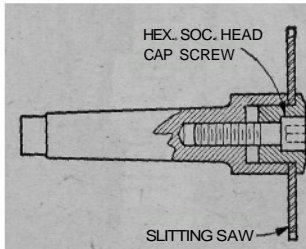


## Slitting Saw Arbor

USED in connection with a milling attachment, this saw arbor will perform various slitting and sawing operations in the metal-cutting lathe, accommodating slitting saws of any thickness. To make it, first turn the body of the arbor to the dimensions shown and provide with a No. 3 Morse taper shank to fit the headstock spindle throat of the lathe. When the tapered shank is turned to a perfect fit, mount it in the spindle throat and machine the larger end, while in this position, to run dead true. Drill and tap the screw hole and bore the large hole to receive the flanged end cap, which bids the saw blade in place against the shank.



Turn the end cap to an easy push-fit in the bored end of the shank, being careful to make this a perfect fit without shake or play. Counter-bore the flanged end of the cap to clear the large diameter of a standard .375-16 x 1 1/2 in. hex socket head cap screw. With a saw blade mounted on the end cap, and the lock screw given a turn or two, the blade will be securely held for the toughest work and automatically centered to run dead true.—C. W. WOODSON.