

CHAPTER XI

TEST INDICATORS AND THEIR USE

THERE are many kinds of test indicators for lathe work, some of which are quite elaborate and some quite simple. the indicator shown in Fig. 108 is extremely simple and yet will show any variation in the truth of the work.

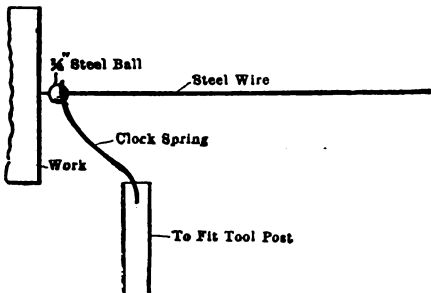


FIG. 108. A Simple Indicator

The only material required is a $\frac{1}{4}$ -inch steel ball, a piece of wire 5 inches long, a piece of clock spring and a piece of bar steel to put in the tool-post. Anneal the steel ball and drill a hole through the center, a drive fit for the wire; then drill a $\frac{3}{16}$ -inch hole in the end of the clock spring; slot one end of the steel bar and solder the end of the spring in the slot and the indicator is ready for use.