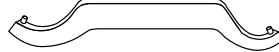
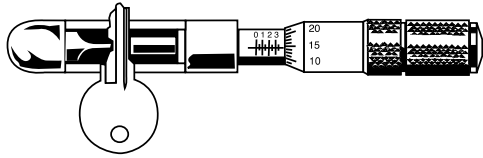


Instructions



Straight Yoke Micrometer

No. SKM-1



Treat your new micrometer with the same consideration given to any fine instrument and it will provide years of reliable service.

To Adjust:

This micrometer was accurately adjusted at the factory. However, we recommend that any micrometer be checked before using, to make sure that it is properly calibrated. Neglecting to do so can possibly result in incorrect readings. If adjustment is necessary, use these simple steps-

1. With wrench provided, remove knurled cap on end of thimble and loosen set screw. See Fig. 1.
2. Remove outer sleeve. See Fig. 2.
3. Clean face of spindle and anvil and close together. See Fig. 3.
4. Make zero line on thimble coincide with zero line on the barrel. See Fig. 4.
5. With measuring faces open, hold micrometer by thimble and securely tighten set screw. Recheck zero setting and replace spindle cap. See Fig. 5.

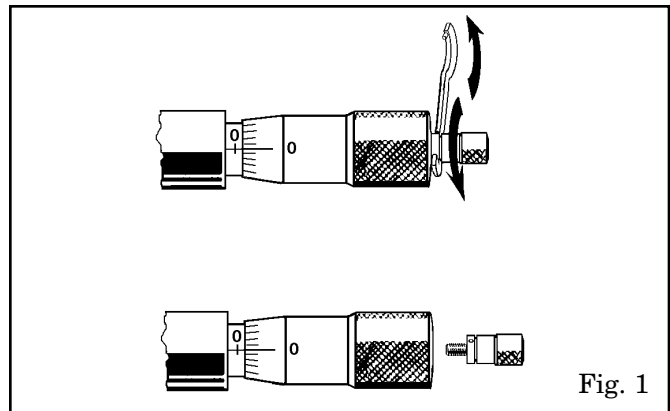


Fig. 1

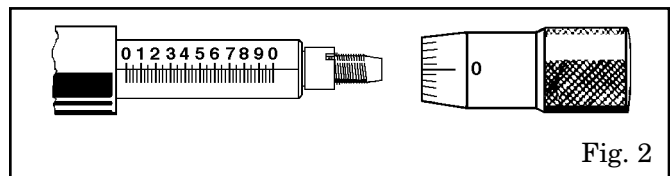


Fig. 2

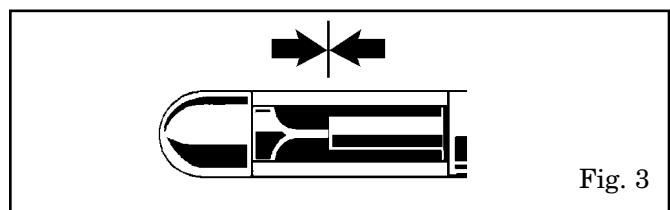


Fig. 3

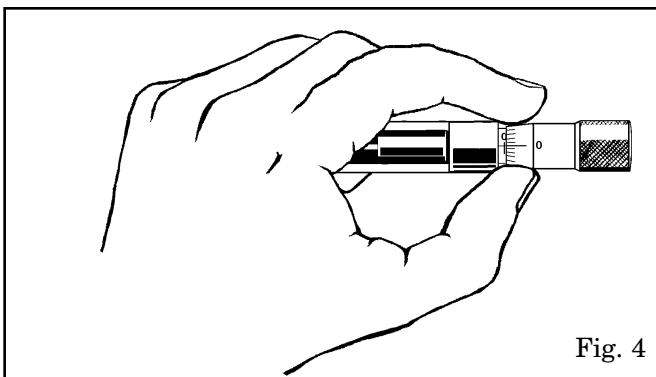


Fig. 4

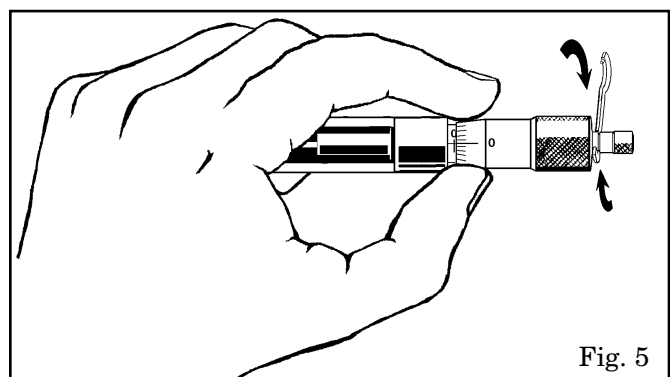


Fig. 5

READING YOUR MICROMETER

7. Each space on the barrel represents .025"; every fourth gradation is numbered, representing one tenth of an inch (1= .100, 2= .200, etc.).
8. The thimble has 25 gradations; each represents one thousandth of an inch (5= .005", 10= .010").
9. A measurement is taken by adding the thimble reading to the barrel reading.
10. For example, using Fig. 6:
Highest figure shown on barrel is 1, which equals .100". The number of lines visible between the number 1 on the barrel and the thimble edge is one, or 025". The number of lines on the bevel of the thimble turned past horizontal line is seventeen, or .017".

$$\begin{array}{r} .100'' \\ .025'' \\ +.017'' \\ \hline \text{Final Reading: } .142'' \end{array}$$

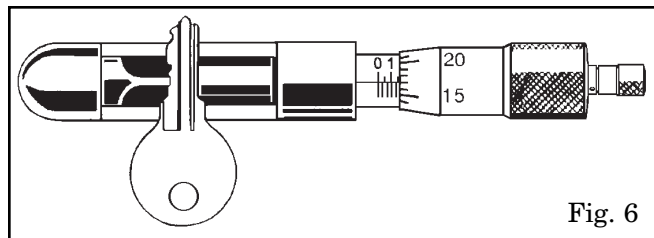


Fig. 6