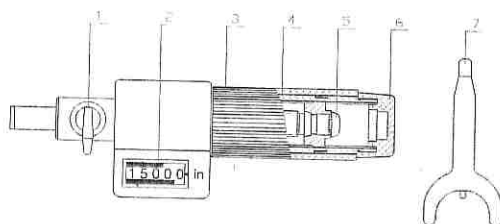


EZ-Read Micrometer



1. Locking device
2. μ -digit counter
3. Friction thimble
4. Sleeve
5. Screw
6. End cap
7. Spanner

1. Zero setting (If digital alignment is askew.)

- 1) Clean measuring faces, rotate friction thimble (3), set zero position.
- 2) Lock locking device (1). Take off end cap (6), and then take off friction thimble (3).
- 3) Hold sleeve (4), loose screw (5) with spanner (7) or a screw driver.
- 4) Rotate sleeve (4) until the reading on μ -digit counter (2) is OK. The last rotating direction should be same as measuring.
- 5) Hold sleeve (4), screw down screw (5).
- 6) Unlock locking device(1), and fit friction thimble (3). Set zero position for measuring faces again. If the reading on μ -digit counter (2) is not OK, repeat above process.
- 7) Rotate friction thimble (3) backward to move the spindle back a little. Hold friction

thimble (3), screw down screw(5) firmly.

- 8) Put on end cap (6), make sure the key of end cap (6) is in the keyway of sleeve (4).

2. Reading method of μ -digit counter

1) If the left four figures has two possible readings, and the last figure ≥ 5 , the reading of the left four figures is smaller one. (for example, reading is 0.9999" or 9.9999mm in fig. 1, and reading is 0.0228" or 11.228mm in fig. 2.)

If the left four figures has two possible readings, and the last figure < 5 , the reading of the left four figures is bigger one. (for example, reading is 0.0170" or 11.170mm in fig. 3, and reading is 0.0311" or 11.341mm in fig. 4.)

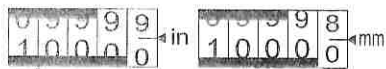


Fig. 1



Fig.2

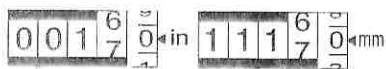


Fig. 3

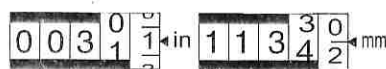


Fig.4

- 2) If the left four figures has only one possible reading, read the figures directly. (for example, reading is 0.90035" or 9.0035mm in fig. 5, and reading is 0.5165" or 5.164mm in fig. 6.)



Fig. 5

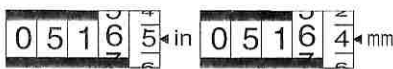


Fig.6

3. Precautions

Do not rotate spindle sharply to damage the μ -digit counter.

Screw down screw (5) firmly to keep precision measuring.

Do not disassemble and drop the instrument.
Keep the instrument clean and dry.

CAUTION: Excessive speed may cause internal gear damage!

Fowler
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