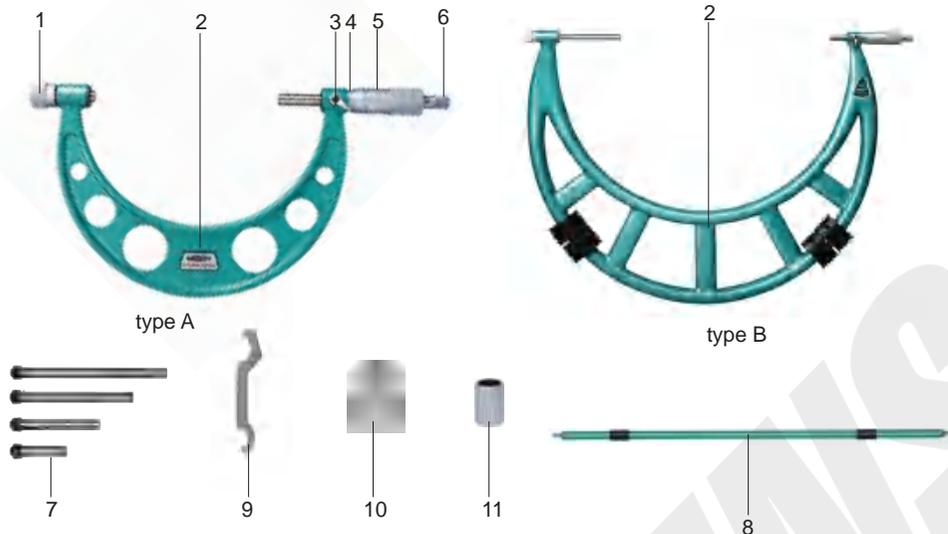


Note: When the micrometer is calibrated to zero, the support mode should be the same as the actual measurement, otherwise the measurement error will be caused by the influence of the self-weight deformation of the ruler frame.

Resolution: 0.01mm



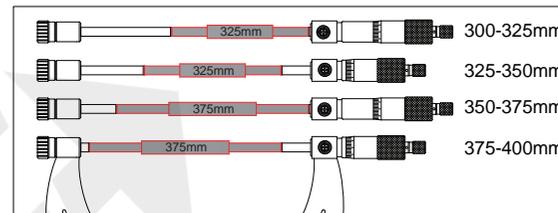
- 1-Locking nut
- 2-Frame
- 3-Locking screw
- 4-Sleeve
- 5-Friction thimble
- 6-Ratchet stop
- 7-Interchangeable anvils
- 8-Setting standard
- 9-Zeroing spanner
- 10-Measuring force locking spanner
- 11-Guide sleeve (type B included)

1. Calibration:

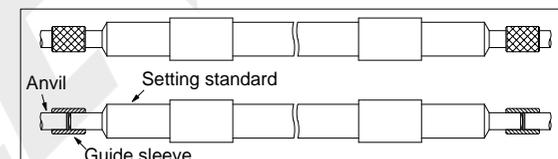
- Choose suitable anvil and setting standard according to measuring range.
- Install Interchangeable anvil into micrometer, use measuring force locking spanner 10 to tighten locking nut 1.
- Measure the setting standard with a micrometer, then lock the locking screw, hold the zeroing hole with the zeroing spanner, and turn the retaining sleeve slightly until it reads the same size as the setting standard.
- Micrometer should be checked regularly to make sure correct zero position.

Caution: Type B micrometer is supplied with two setting standards, which can be shared in calibration.

Take 3506-400A for example, it is supplied with setting standards 325mm and 375mm. 325mm is for anvil 300~325mm and 325~350mm. 375mm is for anvil 350~375mm and 375~400mm. Anvil 300~325mm/350~375mm is calibrated at micrometer end while anvil 325mm~350mm/375~400mm is calibrated at micrometer start.



Guide sleeve is used to calibrate type B micrometers.

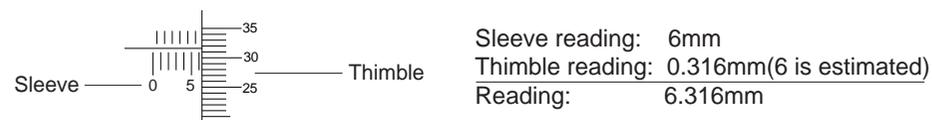


2. Measurement:

When the measuring face is close to, but not in contact with the workpiece, rotate the ratchet stop until you hear click, but can not rotate friction thimble, which will damage the internal precision threads.

Caution: When the measuring faces is close to, but not in contact with the workpiece, do not apply excessive force to rotate the ratchet stop, as it will lead to inaccurate results and may damage the internal precision threads.

- ### 3. During reading, the sight should be perpendicular to the scale, to avoid parallax reading. The reading is the sum of sleeve and thimble. If the measuring range 0-25mm, the reading results are as follows:



- ### 4. Working temperature is 0-40°C/32-104°F.

- ### 5. Precautions:
- When using the micrometer, be sure to hold the heat insulation plate or choose the micrometer holder to use, to avoid the measurement error caused by the inconsistency between the temperature of the micrometer and the measured workpiece.