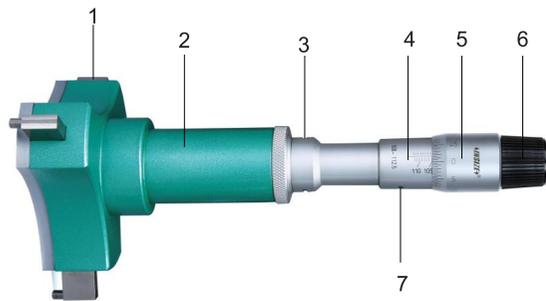
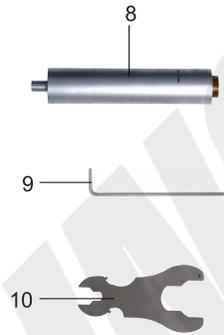


Graduation: 0.005mm

Code	Range	Accuracy	Setting ring
3227-125	100-125mm	6μm	Ø125mm(optional)
3227-150	125-150mm	6μm	Ø125mm(optional)
3227-175	150-175mm	7μm	Ø175mm(optional)
3227-200	175-200mm	7μm	Ø175mm(optional)
3227-225	200-225mm	8μm	Ø225mm(optional)
3227-250	225-250mm	8μm	Ø225mm(optional)
3227-275	250-275mm	9μm	Ø275mm(optional)
3227-300	275-300mm	9μm	Ø275mm(optional)



- 1-Measuring jaws
- 2-Measuring head
- 3-Slot
- 4-Sleeve
- 5-Friction thimble
- 6-Ratchet stop
- 7-Adjustment screw



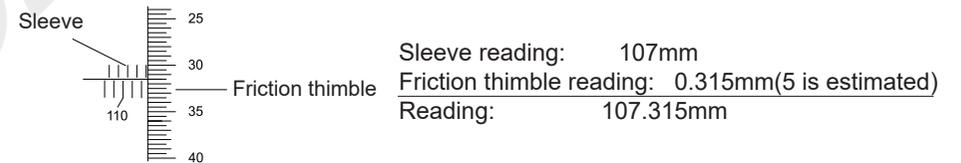
1. The micrometer is used for measuring internal diameter.
2. Before measurement, it is necessary to calibrate the micrometer with setting ring. Clean the measuring jaws and setting ring face with soft cloth, then measure the setting ring. If result is equal to the normal value of setting ring, micrometer is ready to measure, otherwise, please set the reading. Using wrench to loose adjustment screw, then rotate sleeve until reading is equal to the normal value of setting ring, lock the adjustment screw. The micrometer should be calibrated regularly.

Caution: micrometer should be calibrated again after install extension rods.

3. During measurement, rotate ratchet stop to make sure measuring jaws' diameter less than the hole's. Put micrometer into measured hole vertically, and then rotate ratchet stop, shake micrometer gently to make sure measuring jaws to contact hole fully. Now you can get result until you hear click. When finishing, rotate ratchet stop to return back measuring jaws firstly, take micrometer out of the hole vertically.

Caution: When the measuring faces is close, 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.

4. During reading, the sight is perpendicular to the scale to avoid parallax reading. The reading method as following: the reading is the sum of sleeve, friction thimble. There are two scale lines on sleeve to two sets of measuring jaws, according to the measured workpiece to select the scale line to read. If the range is 100-112.5mm, the reading results are as follows:



5. Install extension rod to measure deep hole. Use spanner to separate measuring head from main stem, install extension rod between measuring head and main stem, and use spanner to tight it. Caution: Don't hold the micrometer head by hand.
6. Optional accessory: setting ring (series 6312), micrometer stand and clamp (code 6301 and 6301-2).