

Graduation: 0.01mm

Code	Range	Accuracy
3659-25A	0-25mm	4μm
3659-50A	25-50mm	4μm
3659-75A	50-75mm	5μm
3659-100A	75-100mm	5μm
3659-125A	100-125mm	6μm
3659-150A	125-150mm	6μm
3659-175A	150-175mm	7μm
3659-200A	175-200mm	7μm
3659-225A	200-225mm	8μm
3659-250A	225-250mm	8μm



- 1-measuring face
- 2-Spindle
- 3-Locking nut
- 4-Sleeve
- 5-Thimble
- 6-Silent ratchet thimble
- 7-Frame
- 8-Insulation plate
- 9-Zeroing spanner

1. Measure the web thickness of drills, small grooves and keyways.
2. Calibration before measuring:
 - Clean the measuring surface of the micrometer with soft cloth.
 - Loosen the locking nut, rotate the thimble to make the two measuring face close to each other, and rotate the ratchet thimble when it is about to contact until the spindle no longer moves forward. At this time, continue to rotate the ratchet thimble three turns so that the two measuring face are in full contact.
 - After tighten the locking nut and use the zeroing spanner to set zero.
 - For the micrometers above 25mm, do calibration with setting standard. Same as the above method.

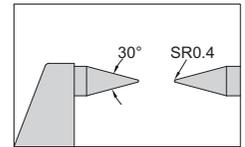
Zeroing spanner adjustment method:

- Tighten the locking nut, use zeroing spanner to rotate sleeve (Fig.1), adjust the reading to zero.
- Finish calibration.

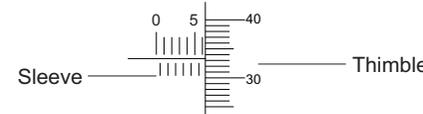


Fig 1

3. Measurement:
 - During measurement, make sure there are no cutting chips or other debris on the measuring faces and workpiece surface, or it will lead to inaccurate results.
 - Adjust size of the micrometer to slightly larger than measured workpiece, and then put measured workpiece into micrometer, rotate silent ratchet thimble, when the two measuring face are about to contact, rotate silent ratchet thimble until the spindle no longer moves forward, at this time continue to rotate silent ratchet thimble three circles, so that measuring face is fully in contact with measured workpiece, read the measurement result.



4. During reading, the sight should be perpendicular to the scale, to avoid parallax reading. The reading is the sum of sleeve and thimble. The reading results are as follows:



Sleeve reading: 6mm
 Thimble reading: 0.333mm(3 is estimated)
 Reading: 6.333mm

5. Optional accessory: setting standards (code 7386)
6. With micrometer base, it is more convenient to measure. optional micrometer base code 6300, 6301, 6302
7. Working temperature is 0-40°C/32-104°F.