

Graduation: 0.01mm

Code	Range	Accuracy
3636-25A	0-25mm	3μm
3636-50A	25-50mm	3μm
3636-75A	50-75mm	4μm
3636-100A	75-100mm	4μm
3636-125A	100-125mm	5μm
3636-150A	125-150mm	5μm
3636-175A	150-175mm	5μm
3636-200A	175-200mm	5μm

Code	Range	Accuracy
3636-225A	200-225mm	6μm
3636-250A	225-250mm	6μm
3636-300A	250-300mm	6μm
3636-350A	300-350mm	7μm
3636-400A	350-400mm	7μm
3636-450A	400-450mm	8μm
3636-500A	450-500mm	8μm
3636-550A	500-550mm	9μm
3636-600A	550-600mm	9μm



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

1. The product is used to measure over-pin diameter of gears.

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 ball tips 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 ball heads 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:

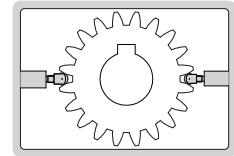
- Tighten the locking nut, use zeroing spanner to rotate sleeve (Fig.1), adjust the reading to be the sum of two ball tips' diameters.
- Finish calibration.



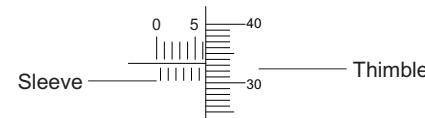
Fig 1

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 ball tips 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 ball tips 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: ball tips (code 7389), cylindrical tips (code 7393), setting standards (code 7388)
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.