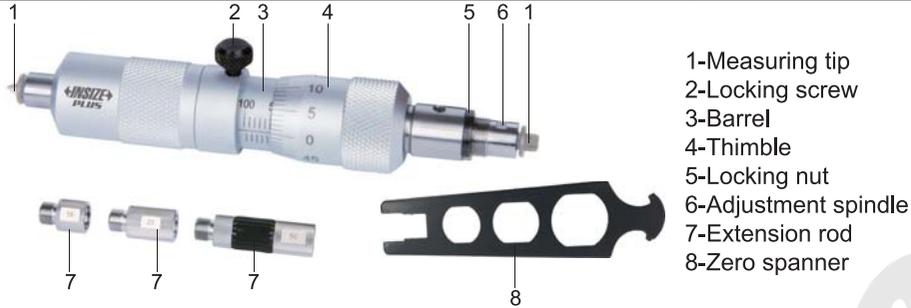


Graduation: 0.01mm

Code	Range	Micrometer head	Extension rod (A)	Applicable tips
3641-200	100-205mm	100-115mm	15, 25, 50mm	stem length L=13.5mm
3641-500	100-505mm	100-115mm	15, 25, 50, 100, 200mm	stem length L=13.5mm
3641-900	100-905mm	100-115mm	15, 25, 50, 100, 200, 400mm	stem length L=13.5mm
3641-1100	150-1150mm	150-175mm	25, 50, 100, 200, 200, 400mm	stem length L=13.5mm



- The product is used to measure pitch diameter of screw thread.
- The micrometer should be calibrated before measuring:
 - Choose the right standard part, loosen locking screw, rotate thimble to adjust the micrometer reading to match the standard part value. Tighten the locking screw.
 - Use zero spanner to loosen the locking nut (Fig 1) and turn the adjustment spindle so that the micrometer can fit into the standard part.
 - Turn the adjustment spindle again to make the probe touch the measuring surface. Tighten the locking nut.
 - Loosen locking screw, rotate thimble to adjust the micrometer reading less than the standard part value, take out the micrometer.

How to use zero spanner:



Fig 1

How to install extension rod :

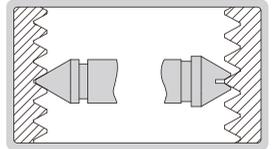


Fig 2

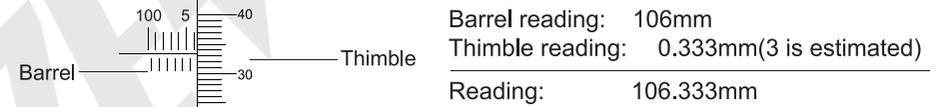
3. Measurement:

--- 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.

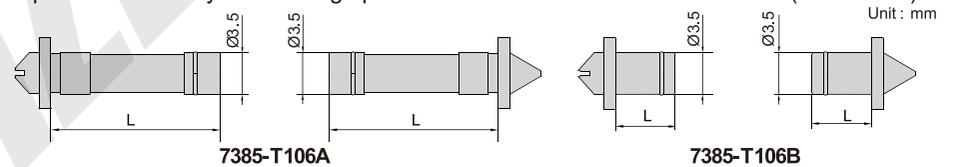
--- According to the size of the workpiece, select the appropriate extension rod (extension rod installation method shown in Fig 2). Adjust the size of micrometer to be slightly smaller than the measured workpiece, and then put the micrometer into the measured workpiece, rotate the thimble so that the tips touch the workpiece and read the measurement results.



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



- Optional accessory: measuring tips for internal screw thread micrometer (code 7385)



55° thread angle

Code		Applicable pitch
L=13.5mm	L=5mm	
7385-T201A	7385-T201B	60/48TPI
7385-T202A	7385-T202B	40/32TPI
7385-T203A	7385-T203B	28/26/24/22TPI
7385-T204A	7385-T204B	20/19/18/16TPI
7385-T205A	7385-T205B	14/12/11TPI
7385-T206A	7385-T206B	10/9/8TPI
7385-T207A	7385-T207B	7/6TPI
7385-T208A	7385-T208B	5/4.5/4TPI
7385-T209A	7385-T209B	3.5/3.25/3/2.875/2.75TPI
7385-T210A	7385-T210B	2.625/2.5/2TPI

60° thread angle

Code		Applicable pitch
L=13.5mm	L=5mm	
7385-T101A	7385-T101B	0.35mm
7385-T102A	7385-T102B	0.4/0.45mm
7385-T103A	7385-T103B	0.5/0.6mm
7385-T104A	7385-T104B	0.7/0.75/0.8mm
7385-T105A	7385-T105B	1/1.25mm
7385-T106A	7385-T106B	1.5/1.75mm
7385-T107A	7385-T107B	2.0/2.5mm
7385-T108A	7385-T108B	3.0/3.5mm
7385-T109A	7385-T109B	4.0/4.5/5.0mm
7385-T110A	7385-T110B	5.5/6.0mm