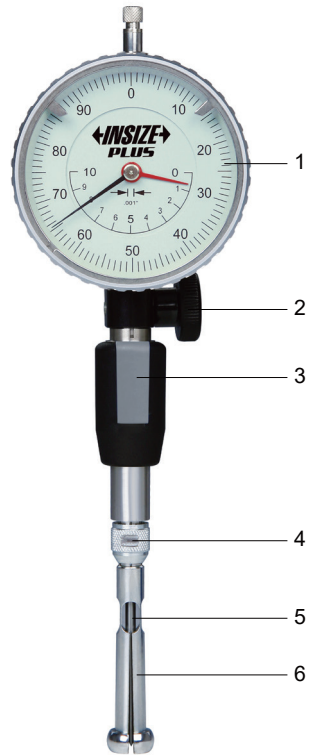
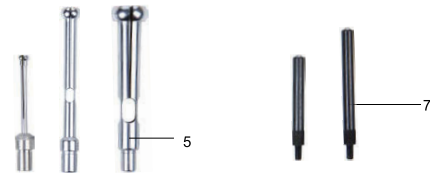


Accuracy(without dial indicator):
 3 μ m (measuring range: 0.95-10mm)
 4 μ m (measuring range: 10-20.6mm)
 Repeatability(without dial indicator): 1 μ m



Probe					
Range	1-1.4mm	1.75-2.2mm	2.5-4mm	4-9mm	10-20mm



1. Dial indicator(not included)
2. Locking nut
3. Hander
4. Locking device
5. Measuring needle
6. Contact point
7. Extended measuring head

1. The bore gage used to compare measurement. It is mainly used for measuring internal diameter size.

2. Measurement:

- (1) Install the inner diameter gage according to fig.1
 - Select the dial indicator on measurement accuracy and replace the extended measuring head
 - Select the appropriate point and corresponding probe according to the measurement size, insert the probe into the point, and pay attention to the direction of the probe head fitting with the point head
 - Install the contact point and dial indicator, and lock each part to ensure reliable installation
 - The pressure test contact point should have a stable and flexible pointer movement without jamming. A small amount of Vaseline can be applied to the probe head to increase lubrication

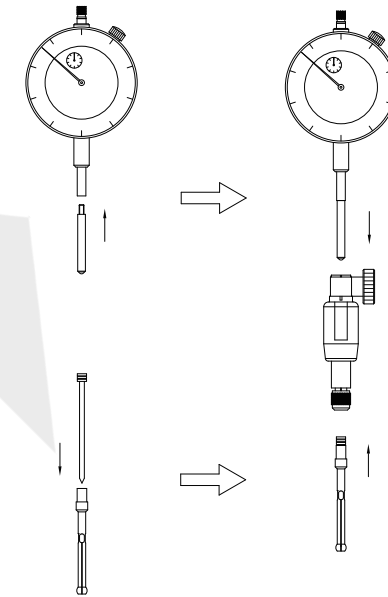


fig.1

- (2) Select a ring gage that is equal to or close to the nominal diameter of the measured hole to calibrate the zero point, place the inner diameter gage into the calibration ring gage, swing the inner diameter gage according to fig.2, find the "inflection point" of the pointer (the maximum value of the dial indicator), adjust the dial indicator so that the "0" line coincides with the "inflection point" of the pointer

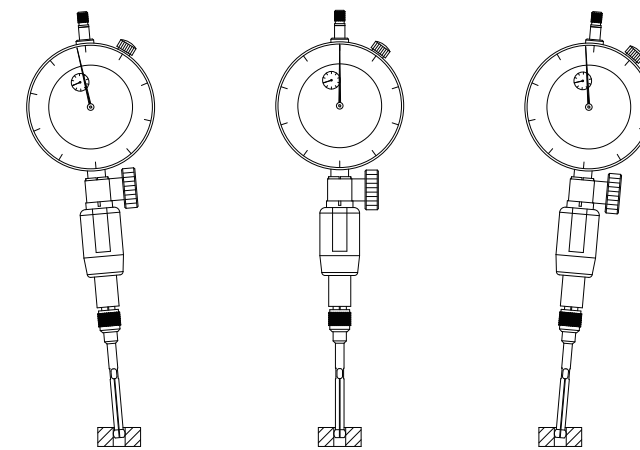


fig.2

- (3) Measurement: Place the inner diameter gauge into the measured hole and use the same method to find the "inflection point" of the pointer. Read the measurement result, and the deviation of the pointer from the zero position reading is the difference between the measured hole diameter and the diameter of the calibration ring gauge
 Attention: When placing the inner diameter gauge into the ring gage or the measured hole, the contact point should be pressed first to make it smaller than the aperture. After inserting the ring gage or the measured hole, the measuring head should be released before measurement

4. During measurement, the inner diameter gage should avoid being knocked or struck. The product should be protected with oil after use to prevent rusting should be released before measurement