



OPERATION INSTRUCTION

Metric Thread Ring Gauges

Attention: This caliper is not waterproof. If there is coolant liquid on the sticker, the reading may be incorrect. Please clean the sticker with dry cloths. If the problem is not solved, please use WD40 to clean the sticker.

Code	Range	Resolution	Accuracy
1501-25	2-25mm/0.079-1"	0.01mm/0.0005"	±0.05mm
1501-10	2-10mm/0.079-0.394"	0.01mm/0.0005"	±0.05mm



1-LCD display
2-'in/mm' button
3-Locking screw
4-Data output

5-Battery cover
6-'ZERO' button
7-'OFF/ON' button
8-V-shaped ruler

9-Probe
10-Φ10mm pin gauge

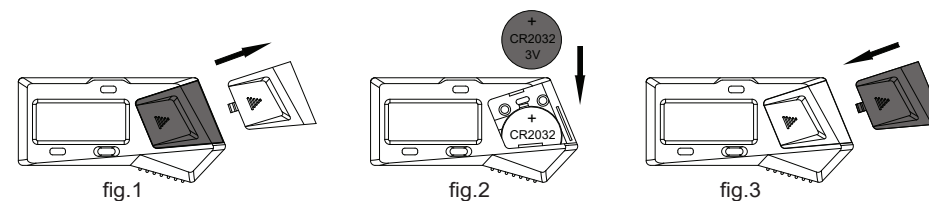
1. The caliper is used to measure radius of external arc, arc angle of measured surface should be larger than 90°.

2. Install battery:

---Remove the battery cover (fig.1)

---Put CR2032 battery into battery house, the positive side of battery (+) should be upward (fig.2)

---Close the battery cover (fig.3)



3. Buttons:

'in/mm' --- inch and mm conversion

'OFF/ON' --- turn off/on

'ZERO' --- set zero

4. Before the measurement, the preset value needs to be set:

--- The caliper's default preset value is 5.00mm.

--- After making the pin gage contact with probe and measuring surface of the V-shaped ruler, short press the 'ZERO' button to make the display screen display the preset value.

5. Measurement:

--- Put the measured workpiece into the V-shaped ruler so that the probe and V-shaped ruler are full contact with the measured workpiece.

--- At this time, the reading is the actual value of measured workpiece.

6. To get accurate measurement, it is necessary to control the force. During measurement, please always apply constant and proper force on the caliper.

7. Automatic power off in about 20 minutes. Press 'OFF/ON' button or move the digital unit to turn on display.

8. Optional accessory: data output cable (code 7302-21, 7315-21).

9. One battery can last for one year use. At the end of the battery's life, it may be necessary to replace the battery because of abnormalities such as flashing digits, fading of the display, or confusion in counting when moving the ruler frame. If caliper is not be used for more than 3 months, please remove the battery. Otherwise, liquid may leak from the battery and damage the caliper.

10. If digits do not change when buttons are pressed, take out battery and put it back after 1 minute.

11. Working temperature is 0~40°C/32~104°F, relative humidity should not exceed 80%.

MN-1501-E

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