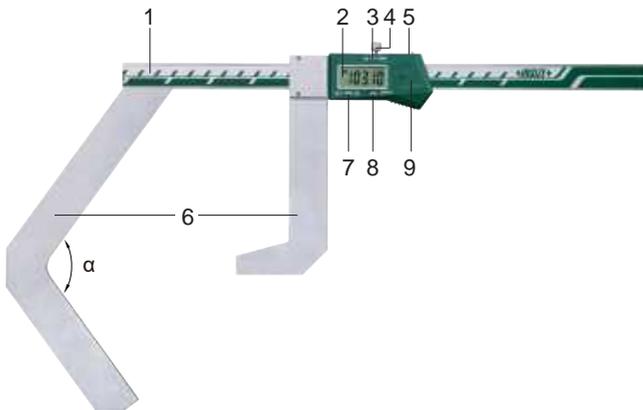


Attention: This caliper is not waterproof. If there is coolant liquid on the sticker, the reading may be incorrect. Please clean the sticker with dry cloths. If the problem is not solved, please use WD40 to clean the sticker.

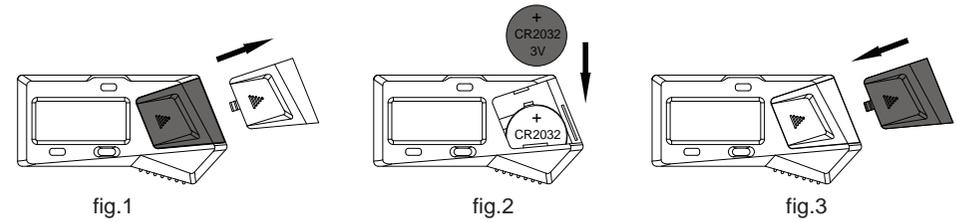
Resolution: 0.01mm/0.0005"

Code	Range (D)	Flutes	Accuracy	Angle α
1529-3	50-200mm/2-8"	3	$\pm 0.06\text{mm}$	60°
1529-5	50-200mm/2-8"	5	$\pm 0.06\text{mm}$	108°
1529-19	50-200mm/2-8"	19	$\pm 0.06\text{mm}$	85°15'47"
1529-23	50-200mm/2-8"	23	$\pm 0.06\text{mm}$	70°26'5"
1529-31	50-200mm/2-8"	31	$\pm 0.06\text{mm}$	75°29'2"

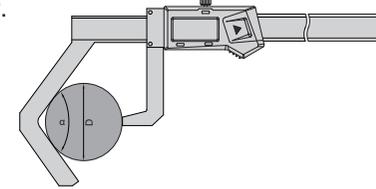


- 1-Rule
- 2-LCD display
- 3-'mm/inch' button
- 4-Locking screw
- 5-Data output
- 6-Measuring jaw
- 7-'ON/OFF' button
- 7-'ZERO' button
- 8-Battery cover

1. The caliper is used to measure the outside diameter of odd number of flutes (such as taps, reamers, end mills and gears).
2. Install battery:
 - Remove the battery cover (fig.1)
 - Put CR2032 battery into battery house, the positive side of battery (+) should face out (fig.2).
 - Close the battery cover (fig.3).



3. Buttons:
 - 'in/mm' is for inch and mm conversion
 - 'OFF/ON' is to turn off/on
 - 'ZERO' is to set zero
4. Before the measurement, the caliper should be calibrated with 50mm calibration cylinder:
 - Wipe the calibration cylinder and caliper measuring surface with a clean soft cloth
 - Put the calibration cylinder into the caliper measuring jaw so that the two measuring jaws are full contact with the calibration cylinder
 - Short press the 'ZERO' button to zero
 - Complete calibrate
5. Measurement:
 - Put the measured workpiece into the caliper measuring jaw so that the two measuring jaws are full contact with the measured workpiece.
 - Read results directly.



7. Automatic power off in about twenty minutes. Press 'OFF/ON' button or move the digital unit to turn on display.
8. One battery can last for one year use. When the battery is running out, the display will become weak, abnormal reading, display value is unstable like 0.02mm and 0.05mm when press 'ZERO' or other phenomena will appear when moving the digital unit, please replace battery. 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.
9. Optional accessory: 50mm calibration cylinder (code 6316-50), data output cable (code 7302-21, 7315-21)