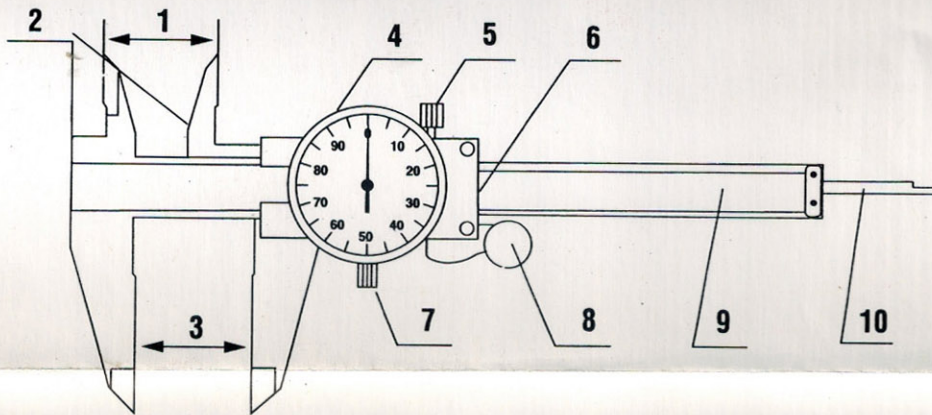


DIAL CALIPER OPERATION INSTRUCTIONS

● TECHNICAL SPECIFICATIONS

Range	Resolution	Range of the dial indicator
0-150mm	0.01mm 0.02mm	1mm 2mm
0-200mm		
0-300mm		
0-6"	0.001"	0.1"
0-8"		
0-12"		

● NOMENCLATURE



1. Internal measuring faces
4. Dial indicator
7. Zero setting screw
10. Depth measuring blade

2. Step measuring faces
5. Locking screw
8. Thumb wheel

3. External measuring faces
6. Slider
9. Scale

● FOUR-WAY MEASUREMENTS:



1. Internal Measurement 2. External Measurement 3. Step Measurement 4. Depth Measurement

● PREPARATIONS

1. Before using the Dial Caliper, clean all the measuring faces and the scale with dry and clean cloth(or soaked with cleaning oil). No organic solutions are allowed.
2. The dial caliper should be kept away from strike, shock or drop to avoid damaging the dial indicator and its pointing needle.
3. Measurement should be made in static state.

● INSTRUCTIONS

1. Zero setting: Close the external measuring jaws until they touch each other. Check the dial indicator to see if the needle points to "0". If not, loosen the zero setting screw (item 7 of Nomenclature) and rotate the needle of the dial indicator points to "0", then fasten the zero setting screw.
2. The minimum resolution of the scale is 1 mm, or 0.1". And the minimum resolution of the dial indicator is 0.01mm, 0.02mm or 0.001".
3. Reading Method: The resolution of the dial indicator times the measure that the needle points, then plus the round number on the scale at the left side of the slider, that is the measured value.