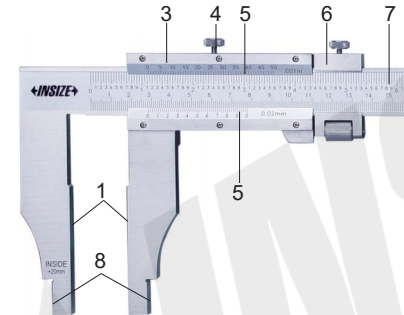
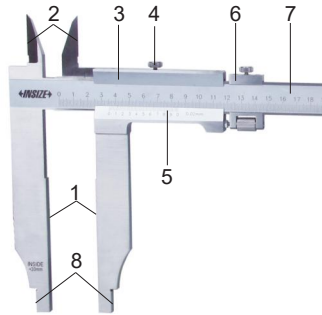
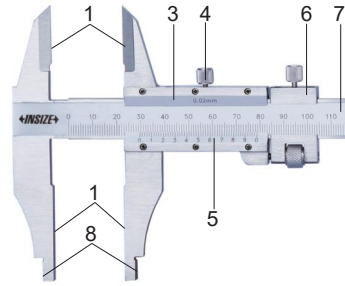
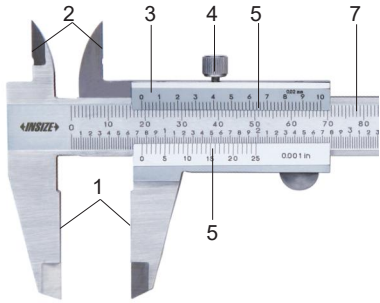




OPERATION INSTRUCTION

VERNIER CALIPER



- 1-External measuring faces
- 2-Knife-edge internal measuring faces
- 3-Slider
- 4-Locking screw

- 5-Vernier scale
- 6-Fine adjustment device
- 7-Beam
- 8-Circular internal measuring faces

1. Measurement:

Before measurement, loosen the locking screw on the slider, smoothly pull the slider and wipe the measuring surface clean with a clean soft cloth. Then, fully close the measuring jaws and make sure that the zero lines of the vernier and main scales coincide.

2. To obtain accurate measurement results, ensure the entire measuring surface of the jaws is used during measurement, and control the measuring force. Apply a steady force to the caliper. For calipers with fine adjustment device, use this device to ensure consistent measuring force.

3. The reading is the sum of the main scale reading and the vernier scale reading. The vernier scale reading is the value of the marking that aligns with a marking on the main scale. During reading, the sight should be perpendicular to the scale, to avoid parallax reading.

The reading results are as follows:

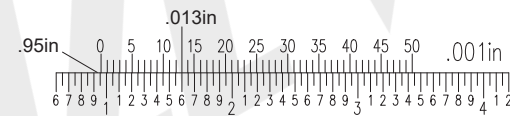
Graduation: 0.02mm



Main scale reading: 24 mm
Vernier scale reading: 0.46mm

Reading: 24.46mm

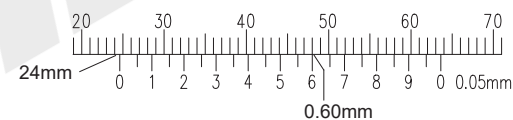
Graduation: 0.001in



Main scale reading: 0.95 in
Vernier scale reading: 0.013in

Reading: 0.963in

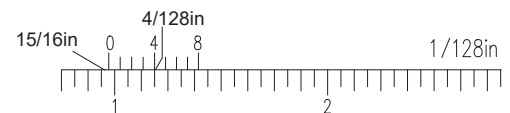
Graduation: 0.05mm



Main scale reading: 24 mm
Vernier scale reading: 0.60mm

Reading: 24.60mm

Graduation: 1/128in



Main scale reading: 15/16 in
Vernier scale reading: 4/128in

Reading: 31/32in

Attention:

- Keep the measuring surface of the caliper clean, lubricated, and protected from rust and corrosion.
- After use, place the caliper in its designated position inside the case to prevent compression or impact, and store it in a dry environment away from strong magnetic forces.
- Do not use abrasive materials such as sandpaper or emery cloth to clean any part of the caliper. When transporting larger calipers, always place them in their cases to avoid deformation.

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