



76991900

## Hilka Micrometer Instructions

### Main Features:

The micrometer caliper is designed for precise measurement of components. The spindle features an accurately machined screw with satin finish and clear markings.

Measuring range of 0-25mm with graduation mark's at 0.01mm intervals.

### Setting up procedure:

Before operating the micrometer ensure it is clean and operates smoothly. Ensure that the caliper is set to zero and it reads correctly.

### Operation:

1. Place the object to be measured between the spindle and the anvil
2. The spindle is moved by turning the ratchet knob or thimble until the object to be measured is nearly touching the spindle and the anvil
3. The included wrench can be attached into the small hole at the end of the spindle and used for precise movement
4. For precise measurement use the ratchet at the end of the spindle until lightly touched by both the spindle and the anvil
  - a. The ratchet will continue to spin but not decrease the measurement when object is between the spindle and anvil
5. The measurement can then be read on the spindle
  - a. Each interval mark on the fixed section of the spindle represents 0.10mm
  - b. Each interval mark on the rotating section of the spindle represents 0.01mm
6. The spindle can be locked by turning the switch to the left to keep the measurement
7. Don't use the micrometer caliper when the microscrew is locked
8. Keep stored in the provided case to avoid damage to the unit