

# 210\*297 mm



## MC

### Digit Micrometer 0-25 mm / 25-50 mm

#### OVERVIEW

AB 60 mm  
LD 12 mm

Limit digit micrometer series allows easy reading of outside diameter between 0 to 50 mm in size.

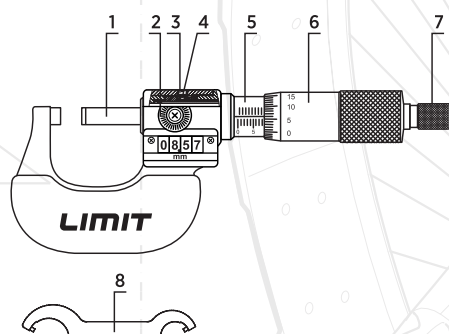
#### FEATURES

- Manufacture according to DIN 863
- Ratchet stop for constant measuring force
- Easy and accurate reading

#### SPECIFICATIONS

Model	MC 25	MC 50
Measuring range	0-25 mm	25-50 mm
Resolution	0.01 mm	0.01 mm
Accuracy	0.004 mm	0.004 mm

#### POSITIONS



1. Spindle
2. Locking device
3. Sealed cover
4. Screw
5. Sleeve
6. Thimble
7. Measuring force device
8. Spanner

#### OPERATION

##### 1. Zero setting

Before using, clean measuring faces of the anvil and the spindle with soft cloth or soft paper, then bring them together carefully by turning the measuring force device. If the line marked "0" on the thimble does not coincide with the reference line on the sleeve, adjust zero position in the following manners:

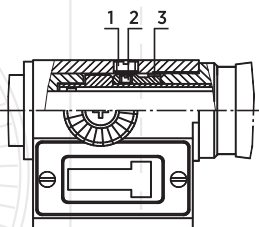
##### 1.1 Deviation within $\pm 0.01$ mm ( $\pm 0.001$ "")

Lock the spindle by the locking device then adjust the sleeve with a spanner until the reference line comes exactly in line with "0" line on the thimble.

##### 1.2 Deviation over $\pm 0.01$ mm ( $\pm 0.001$ "")

Lock the spindle by the locking device and loose the measuring force device by a spanner. Pressing the thimble to the measuring force device bring it so that "0" line coincides with the reference line on the sleeve. Fasten measuring force device and make the final adjustment. If necessary, in the former way.

##### 1.3 Zero setting for the digit counter



1. Sealed cover
2. Screw
3. Gear

If read of the digit counter not coincide with that of the micrometer head, first lock the spindle after zero position of the micrometer head is OK. Unlock the sealed cover, unlock the screw, turning the gear until read of the digit counter coincides with that of the micrometer head.

##### 2. Measure

- 2.1 Insert object to be measured between anvil and spindle.
- 2.2 Turn the ratchet stop until it starts clicking then read the value.