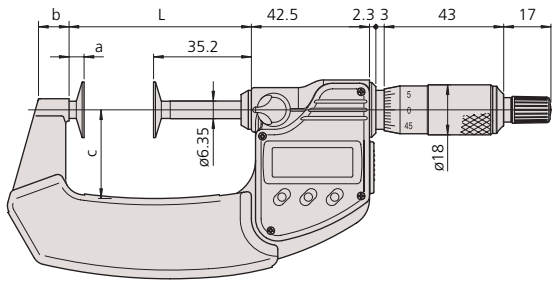


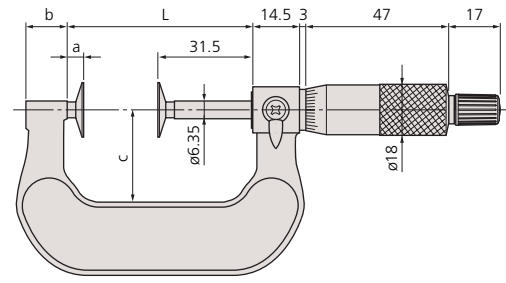
## DIMENSIONS

Unit: mm

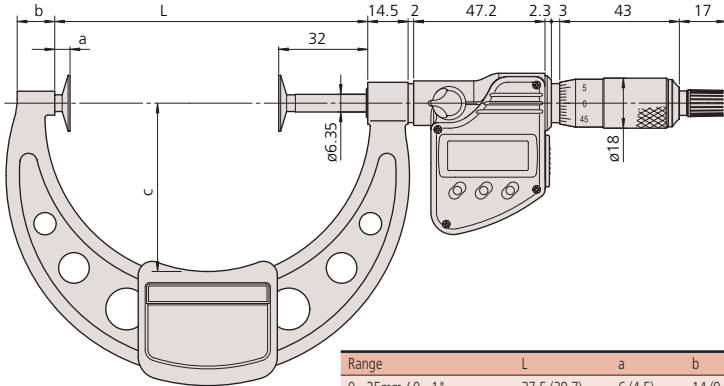
### Digital models up to 75mm



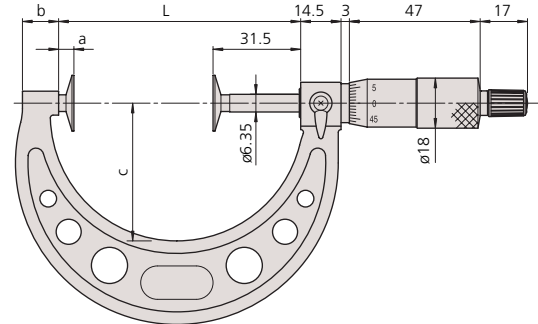
### Analog models up to 50mm



### Digital models up to 75mm

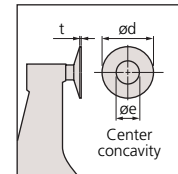


### Analog over 50mm



| Range                  | L           | a         | b         | c         | d  | e      | t   |
|------------------------|-------------|-----------|-----------|-----------|----|--------|-----|
| 0 - 25mm / 0 - 1"      | 37.5 (39.7) | 6 (4.5)   | 14 (9.2)  | 25 (25.4) | 20 | 8/9.8* | 0.7 |
| 25 - 50mm / 1 - 2"     | 62.5 (65.6) | 6 (5.4)   | 14 (11)   | 32 (31.9) | 20 | 8/9.8* | 0.7 |
| 50 - 75mm / 2 - 3"     | 87 (90.7)   | 5.5 (5.5) | 11 (12.2) | 49 (50)   | 20 | 8/9.8* | 0.7 |
| 75 - 100mm / 3 - 4"    | 112 (112.5) | 5.5 (5.5) | 11 (13.5) | 63 (60.5) | 20 | 8/9.8* | 0.7 |
| 100 - 125mm / 4 - 5"   | 137.5       | 6         | 12        | 79        | 30 | 12     | 1   |
| 125 - 150mm / 5 - 6"   | 162.5       | 6         | 15        | 94        | 30 | 12     | 1   |
| 150 - 175mm / 6 - 7"   | 187.5       | 6         | 16        | 106       | 30 | 12     | 1   |
| 175 - 200mm / 7 - 8"   | 212.5       | 6         | 15        | 118       | 30 | 12     | 1   |
| 200 - 225mm / 8 - 9"   | 237.5       | 6         | 14        | 130       | 30 | 12     | 1   |
| 225 - 250mm / 9 - 10"  | 262.5       | 6         | 14        | 143       | 30 | 12     | 1   |
| 250 - 275mm / 10 - 11" | 287.5       | 6         | 15        | 156       | 30 | 12     | 1   |
| 275 - 300mm / 11 - 12" | 312.5       | 6         | 15        | 169       | 30 | 12     | 1   |

Data in ( ) applies to those with carbide tipped disks.

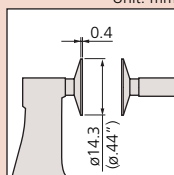


## Technical Data

Graduation: 0.01mm or .001"  
 Flatness: 1µm / .00004"  
 Parallelism: 3µm / .00012"  
 Measuring Force: 8.02 ±0.8N  
 53.9KPa ±4.9 KPa



Unit: mm



( ) : Inch model

# Paper Thickness Micrometers

## SERIES 169 — Non-Rotating Spindle Type Designed for Paper Thickness Measurement

### FEATURES

- Non-rotating spindle.
- With Ratchet Stop for constant force.
- Supplied in fitted plastic case.

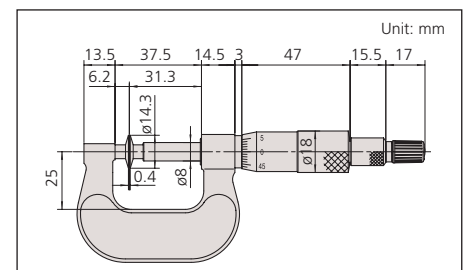


169-101

### SPECIFICATIONS

| Metric   |            |           |          |          |
|----------|------------|-----------|----------|----------|
| Range    | Graduation | Order No. | Accuracy | Mass (g) |
| 0 - 25mm | 0.01mm     | 169-101   | ±4µm     | 230g     |

### DIMENSIONS



| Inch   |            |           |          |          |
|--------|------------|-----------|----------|----------|
| Range  | Graduation | Order No. | Accuracy | Mass (g) |
| 0 - 1" | .001"      | 169-103   | ±.0002"  | 230g     |