



Ratchet Thimble Micrometer SERIES 102 — Outside Micrometers

Measurement example

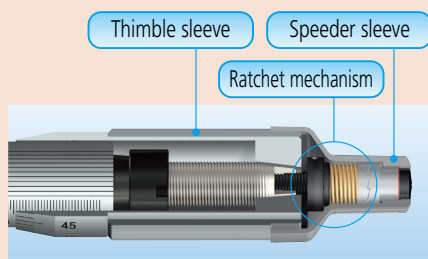


- More accurate in easy one-handed operation.
- Ratchet function works both from the thimble and the speeder.
- Rotating the thimble/speeder causes the ratchet mechanism to operate and apply a constant measuring force to the workpiece.
- Heat-insulated frame.
- Measuring faces: Carbide.



102-701

Internal Structure



SPECIFICATIONS

| Metric | | | | | | | |
|-----------|------------|-----------------|---------------------|---|----------------------------|-------------------------------|----------|
| Order No. | Range (mm) | Graduation (mm) | Measuring force (N) | Maximum permissible error J_{MPE} (μm) | Flatness (μm) | Parallelism (μm) | Mass (g) |
| 102-701 | 0 - 25 | 0.01 | 5 - 10 | ± 2 | 0.6 | 2 | 180 |
| 102-707 | | 0.001 | | | | | |
| 102-702 | 25 - 50 | 0.01 | | | | | |
| 102-708 | | 0.001 | | | | | 270 |

| Inch | | | | | | | |
|-----------|------------|-----------------|---------------------|--|---------------|------------------|----------|
| Order No. | Range (in) | Graduation (in) | Measuring force (N) | Maximum permissible error J_{MPE} (in) | Flatness (in) | Parallelism (in) | Mass (g) |
| 102-717 | 0 - 1 | 0.0001 | 5 - 10 | ± 0.0001 | 0.000024 | 0.00008 | 180 |
| 102-718 | 1 - 2 | | | | | | 270 |

• Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models), Spanner (301336), 1 pc.

DIMENSIONS

