

Micrometer

02  
Micrometers

Ratchet Thimble Micrometer  
SERIES 102 — Outside Micrometers

- The ratchet thimble mechanism enables easy one-handed operation, useful for inspecting samples during the manufacturing process.
- Ratchet function works both from the thimble and the speeder.
- Clearly audible ratchet operation for reassurance that measurement is being performed at constant, preset force.
- Heat-insulated frame.
- Measuring faces: Carbide tipped

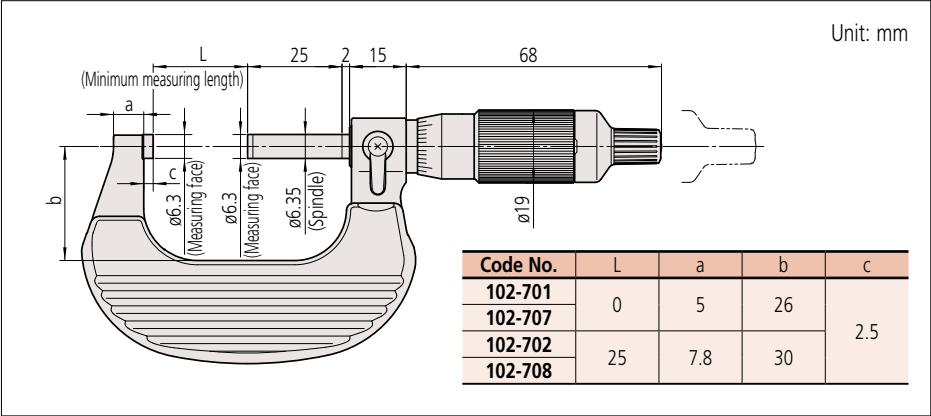


SPECIFICATIONS

Metric							
Code 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					270
102-702	0.01						
102-708	25 - 50	0.001					
Inch							
Code 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.

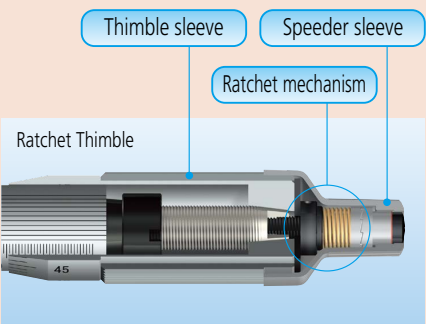
DIMENSIONS



Measurement example



Internal structure



Outside Micrometers (Analog)