Outside Micrometers SERIES 102

- Heat-insulated frame.
- Cut-away frame (behind anvil) for measuring in hard-to-reach places.
- Equipped with Ratchet Stop for constant measuring force.
- Measuring faces: Carbide.
- In addition to standard specification, a non-rotating spindle type tooth thickness micrometer (refer to page B-40 for details) is also available.



SPECIFICATIONS

Metric							
Order No.	Range (mm)	Graduation (mm)	Measuring force (N)	Maximum permissible error Јмре (µm)	Flatness (µm)	Parallelism (µm)	Constant measuring force
102-301	0 - 25	0.01	5 - 10	±2	0.6	2	Ratchet stop
102-302	25 - 50						
102-303	50 - 75						
102-304	75 - 100			±3		3	

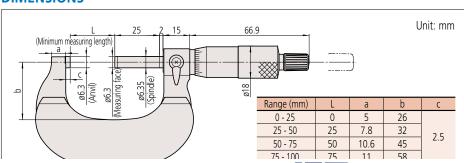
Metric	_						
Order N	Range (mm)	Graduation (mm)	Measuring force (N)	Maximum permissible error J _{MPE} (µm)	Flatness (µm)	Parallelism (µm)	Constant measuring force
102-31	0 - 25	0.001	5 - 10	±1	0.3	1	Ratchet stop
102-313	3 0-25						Friction thimble
102-312	25 - 50						Ratchet stop

Inch							
Order No.	Range (in)	Graduation (in)	Measuring force (N)	Maximum permissible error J _{MPE} (in)	Flatness (in)	Parallelism (in)	Constant measuring force
102-327-10	0 - 1		5 - 10	±0.0001	0.000024	0.00008	Ratchet stop
102-329-10							Friction thimble
102-328-10	1 - 2	0.0001					Ratchet stop
102-330-10		1-2	0.0001	5 - 10		0.000024	
102-331-10	2 - 3						Ratchet stop
102-332-10	3 - 4			±0.00015		0.00012	Ratchet stop

Metric Micrometer set						
Order No.	Range (mm)	Models included				
102-911-40	0 - 100 (Four micrometers per set)	• 102-301 102-302 102-303 102-304 • 3 micrometer standards				

• Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm models) Spanner (301336), 1 pc. (for measuring range 0 to 25 mm/25 to 50 mm models) Spanner (200877), 1 pc. (for measuring range 50 to 75 mm/75 to 100 mm models)

DIMENSIONS



1.800.561.8187







Measurement example



Mechanism





information@itm.com