

Micrometer

The origin of Mitutoyo's trustworthy brand of small tool instruments

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-35 for details) is also available.



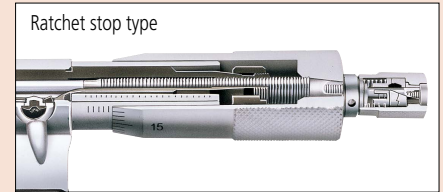
Ratchet stop
102-301



An inspection certificate is supplied as standard. Refer to page U-11 for details.

Common specifications

- Measuring force: 5 to 10 N
- Standard accessories: Reference bar, 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)



SPECIFICATIONS

Metric

Order No.	Range (mm)	Graduation (mm)	Maximum permissible error J_{MPE} (μm)	Flatness (μm)	Parallelism (μm)	Constant-force device
102-301	0 - 25	0.01	± 2	0.6	2	Ratchet stop
102-302	25 - 50					

Metric

Order No.	Range (mm)	Graduation (mm)	Maximum permissible error J_{MPE} (μm)	Flatness (μm)	Parallelism (μm)	Constant-force device
102-311	0 - 25	0.001	± 1	0.3	1	Ratchet stop
102-313						friction thimble
102-312	25 - 50	0.01	± 2	0.6	2	Ratchet stop
102-303	50 - 75					
102-304	75 - 100					

Metric

Micrometer set

Order No.	Range (mm)	Models included
102-911-40	0 - 100 (Four micrometers per set)	<ul style="list-style-type: none"> • 102-301 • 102-302 • 102-303 • 102-304 • 3 micrometer standards

DIMENSIONS

