Ratchet Thimble Micrometers

Series 102

This Ratchet Thimble Micrometer has a mechanism that ensures consistent and reliable measurements. It offers you the following benefits:

- It works both from the thimble and the speeder, enabling easy, one-handed operation.
- Ratchet's clearly audible operation provides reassurance that measurements are being taken at a constant, preset measuring force.
- Heat insulating frame.

Specifications

Measuring face	Carbide-tipped, micro-lap finish
Measuring spindle	With spindle lock, ø 6,35 mm, spindle pitch 0,5 mm
Scale	Thimble and sleeve satin chrome finish ø19 mm
Delivered	Including box, key, setting standard (from 25 mm upward), certificate of inspection

Optional accessories

No.	Description
04GAA899	Colour Speeder, for Ratchet Thimble Black
04GAA900	Colour Speeder, for Ratchet Thimble Red
04AAB208	Colour Speeder, for Ratchet Thimble Grey
04GAA901	Colour Speeder, for Ratchet Thimble Yellow
04GAA902	Colour Speeder, for Ratchet Thimble Green
04GAA903	Colour Speeder, for Ratchet Thimble Blue









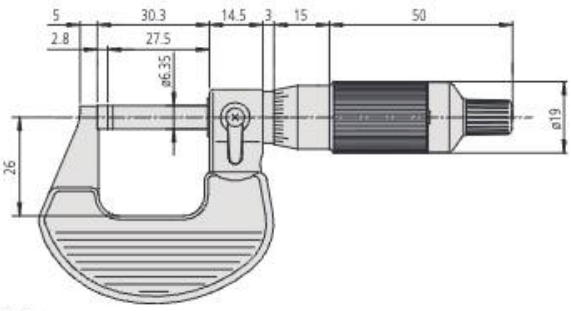
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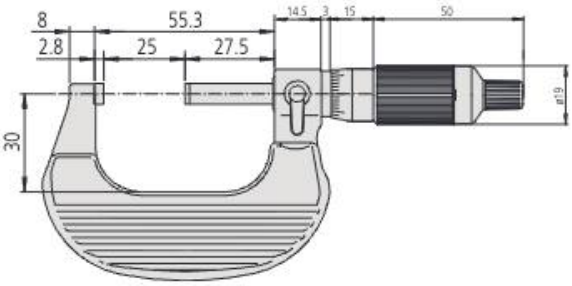
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Metric

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Variation in length V MPE	Class EN ISO 3611	Measuring force [N]	Mass [g]
102-701	0–25	0,01 mm	±2 µm	2 µm	Class 2	5-10	180
102-707	0–25	0,001 mm	±2 µm	2 µm	Class 2	5-10	180
102-702	25–50	0,01 mm	±2 µm	2 µm	Class 2	5-10	270
102-708	25–50	0,001 mm	±2 µm	2 µm	Class 2	5-10	270



0-25 mm



25-50 mm



Coloured ratchet caps (optional accessories)

All products to be sold to commercial customers.
Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

Mitutoyo