

Micrometer



02 Dial Snap Meters
SERIES 523

Micrometers

- The snap meter with a built-in dial indicator enables accurate Go/No-go judgement without interruption. Pushing the retractable anvil button causes the anvil and pointer to move, enabling speedy measurements.
- Designed for use with a stand to enable a more stable measurement.
- Greatly improved accuracy: indication accuracy and graduation of 1 μm.
- IP protection level: 54, coolant-splash resistant during grinding process.
- Hard-coated crystal: enhanced oil and scratch resistance.



523-121

SPECIFICATIONS

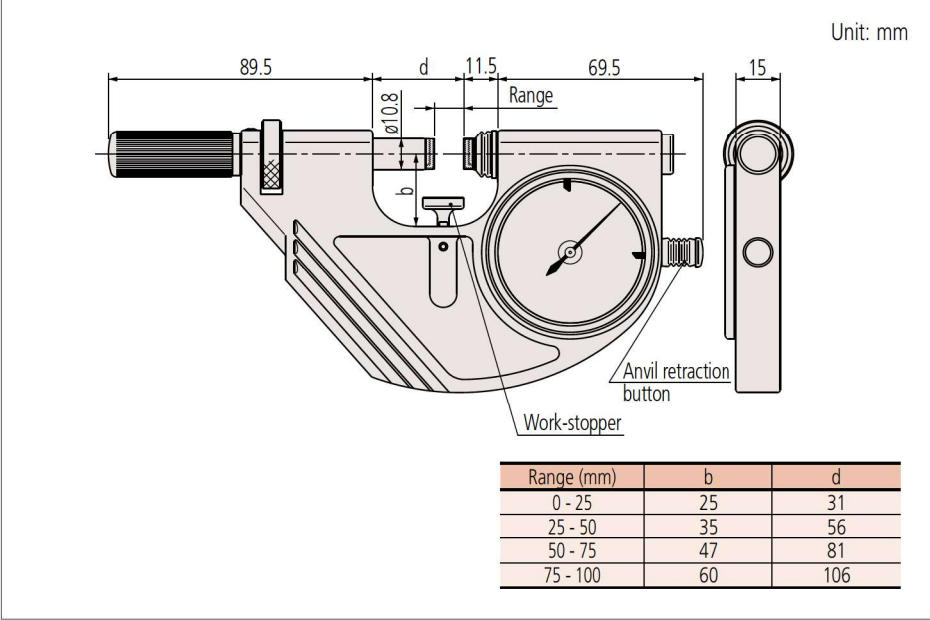
Metric									
Code No.	Range (mm)	Dial graduation (mm)	Measuring force (N)	Flatness (μm)	Parallelism (μm)	Dispersion of indication (μm)	Dial indication accuracy (μm)	Indicating range (mm)	Mass (g)
523-121	0 - 25	0.001	5 - 10	0.3	0.6	0.4	1	±0.06	740
523-122	25 - 50				1				840
523-123	50 - 75								950
523-124	75 - 100								1080

Inch												
Code No.	Range (in)	Dial graduation (in)	Measuring force (N)	Flatness (in)	Parallelism (in)	Dispersion of indication (in)	Dial indication accuracy (in)	Indicating range (in)	Mass (g)			
523-131	0 - 1	0.00005	5 - 10	0.000012	0.000024	0.00002	0.00005	±0.0023	740			
523-132	1 - 2				0.00004				840			
523-133	2 - 3								950			
523-134	3 - 4								1080			

Measurement example



DIMENSIONS



Special Purpose Micrometers