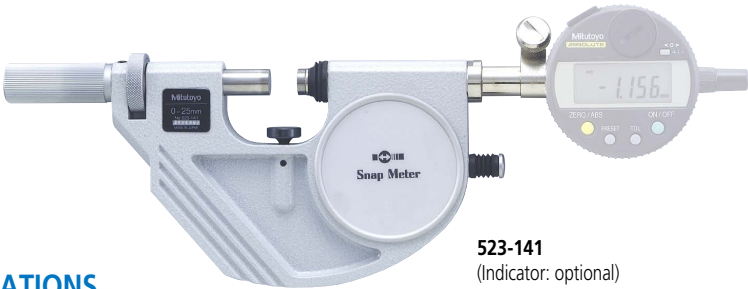


Micrometer

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

Snap Meters SERIES 523

- Suited for the measurement of mass-produced parts.
- Various types of indicator can be selected according to the measurement application.
- Measuring faces: Carbide.

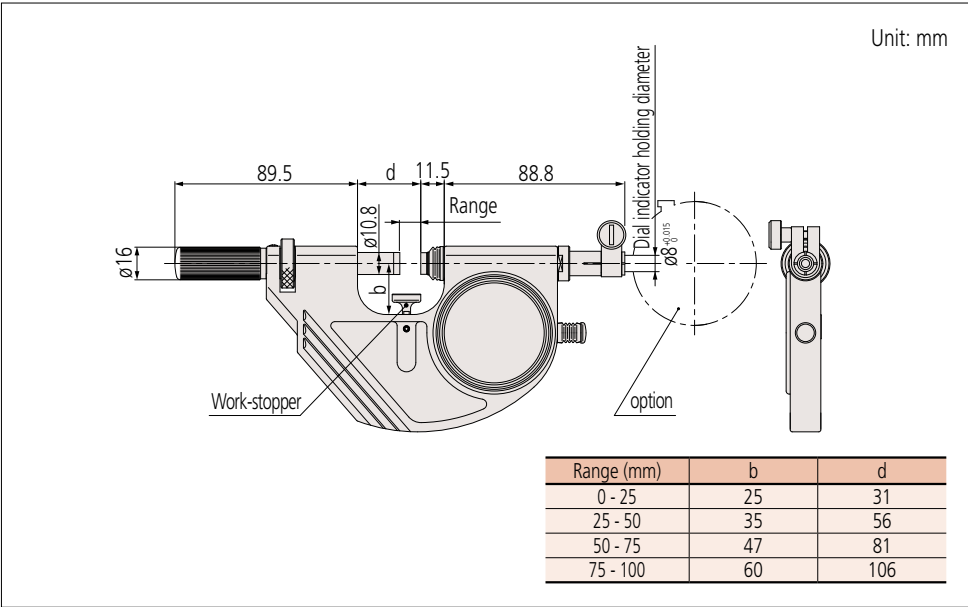


SPECIFICATIONS

Metric				
Order No.	Range (mm)	Anvil movement (mm)	Measuring force* (N)	Mass (g)
523-141	0 - 25	2	5 - 10	710
523-142	25 - 50			810
523-143	50 - 75			920
523-144	75 - 100			1050
Inch				
Order No.	Range (in)	Anvil movement (in)	Measuring force* (N)	Mass (g)
523-151	0 - 1	0.078	5 - 10	710
523-152	1 - 2			810
523-153	2 - 3			920
523-154	3 - 4			1050

* Measured at the position where the anvil is retracted by 1 mm from the free position without installing the indicator.

DIMENSIONS



Accuracy

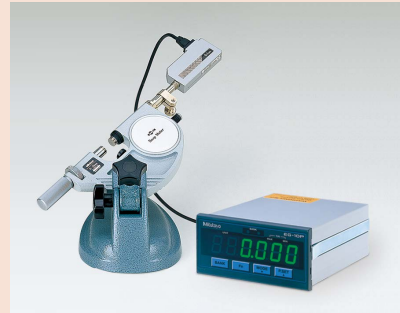
- Flatness: 0.3 μm /0.000012 in
- Parallelism: 0.6 μm /0.000024 in for models up to 50 mm/2 in
1 μm /0.00004 in for models over 50 mm/2 in
- Repeatability of indication: 0.4 μm /0.00002 in

Typical Indicators Used with Gage

- ID-C (0.001 mm)/543-3908
- LGF-L (0.0001 mm)/542-181 & Counter 542-015



ABS Digimatic Indicator



Linear Gage and counter