Snap Gauges

Series 523

This Snap Gauge designed to mount an indicator to suit the measurement application, and offers the following benefits:

- It's ideal for rapidly inspecting workpieces, especially cylindrical, in batch or mass production situations, when you need an indication of where a measurement falls within the tolerance band.
- You can set it with external length standards such as block gauges.
- Easy-to-operate retracting button.



523-141 with optional indicator

Specifications

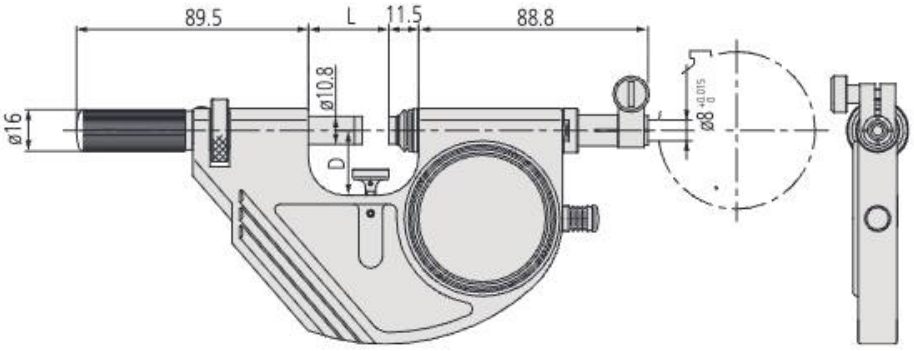
Measuring face	Carbide-tipped, micro-lap finish ø 10,8 mm
Delivered	Including box, workpiece rest, without indicator

Optional accessories

No.	Description
2109AB-10	Dial Gauge, Flat Back, ISO Type, Jewelled Bearing, Shockproof, 1mm, 0,001mm
2900AB-10	Dial Gauge, Flat Back, ISO Type, One Revolution, Jewelled Bearing, Shockproof, 0,08mm, 0,001mm
543-700B	Digital Indicator ID-C, 12,7mm, 0,0005mm, Flat Back Plate

Metric

No.	Range [mm]	Anvil retracting stroke	Repeatability	Flatness	Parallelism	Measuring force [N]	L [mm]	D [mm]	Mass [g]
523-141	0–25	2 mm	0,4 µm	0,3 µm	0,6 µm	5-10	31	25	710
523-142	25–50	2 mm	0,4 µm	0,3 µm	0,6 µm	5-10	56	35	810
523-143	50–75	2 mm	0,4 µm	0,3 µm	1 µm	5-10	81	47,5	920
523-144	75–100	2 mm	0,4 µm	0,3 µm	1 µm	5-10	106	60	1050





ABS Digimatic Indicator



Linear Gage and counter

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.