

Indicating Micrometers

SERIES 510

FEATURES

- Retractable anvil with indicator for three-wire measurements of pitch diameter of precision screws, roundness and parallelism measurements.
- With a standard except for 25mm model.
- IP protection level: 54



510-121

Retractable anvil button

SPECIFICATIONS

Metric		
Range	Order No.	Indicating range
0 - 25mm	510-141/510-121*	±0.060mm
25 - 50mm	510-122	±0.060mm
50 - 75mm	510-123	±0.060mm
75 - 100mm	510-124	±0.060mm

*Retractable anvil button on the right side.

Inch		
Range	Order No.	Indicating range
0 - 1"	510-151/510-131*	±.0023"
1" - 2"	510-132	±.0023"
2" - 3"	510-133	±.0023"
3" - 4"	510-134	±.0023"

*Retractable anvil button on the right side.

Snap Meters

SERIES 523

FEATURES

- Various types of indicator can be selected according to the measurement applications.



523-141

SPECIFICATIONS

Metric		
Range	Order No.	Anvil movement
0 - 25mm	523-141	2mm
25 - 50mm	523-142	2mm
50 - 75mm	523-143	2mm
75 - 100mm	523-144	2mm

Inch		
Range	Order No.	Anvil movement
0 - 1"	523-151	.078"
1" - 2"	523-152	.078"
2" - 3"	523-153	.078"
3" - 4"	523-154	.078"

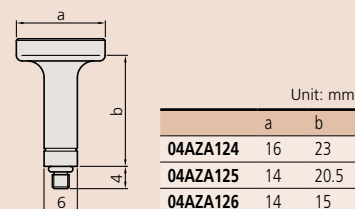


Technical Data

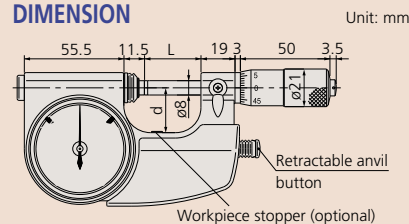
Spindle feed error: 3μm
 Dial indication accuracy: 1μm
 Dispersion of indication: 0.4μm
 Graduation: 0.001mm or .0001"
 Dial reading: 0.001mm or .00005"
 Flatness: 0.3μm
 Parallelism: 0.6μm for models up to 50mm
 1μm for models over 50mm
 Measuring force: 5 - 10N (500 - 1000gf)
 Measuring faces: Carbide tipped

Optional Accessory

- 04AZA124:** ø16mm workpiece stopper
 (not available for 25mm model)
04AZA125: ø14mm workpiece stopper
04AZA126: ø14mm workpiece stopper



DIMENSION

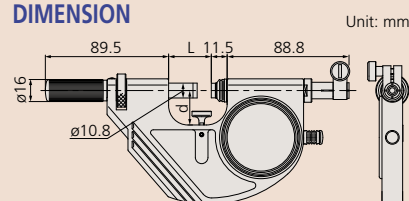


Range	L	d
0 - 25mm	31.5	25
25 - 50mm	56.5	38
50 - 75mm	81.5	50
75 - 100mm	106.5	63

Technical Data

Flatness: 0.3μm
 Parallelism: 0.6μm for models up to 50mm
 1μm for models over 50mm
 Measuring force*: 5 - 10N (500 - 1000gf)
 Measuring faces: Carbide tipped
 *Measured at the position where the anvil is retracted by 1mm from the free position without installing the indicator.

DIMENSION



Range	d	L
0 - 25mm	25	31
25 - 50mm	35	56
50 - 75mm	47.5	81
75 - 100mm	60	106