

Indicating Micrometers

SERIES 510



FEATURES

- Retractable anvil with indicator for three-wire measurements of pitch diameter of precision screws, roundness and parallelism measurements.



SPECIFICATIONS

Metric			
Range	Graduation	Order No.	Indicating range
0 - 25mm	0.001mm	510-121*/510-141	±0.060mm
25 - 50mm	0.001mm	510-122	±0.060mm
50 - 75mm	0.001mm	510-123	±0.060mm
75 - 100mm	0.001mm	510-124	±0.060mm

*Retractable anvil button on the right side.

Inch			
Range	Graduation	Order No.	Indicating range
0 - 1"	.00005"	510-131* / 510-151	±.0023"
1 - 2"	.00005"	510-132	±.0023"
2 - 3"	.00005"	510-133	±.0023"
3 - 4"	.00005"	510-134	±.0023"

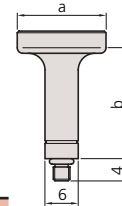
*Retractable anvil button on the right side.

Technical Data

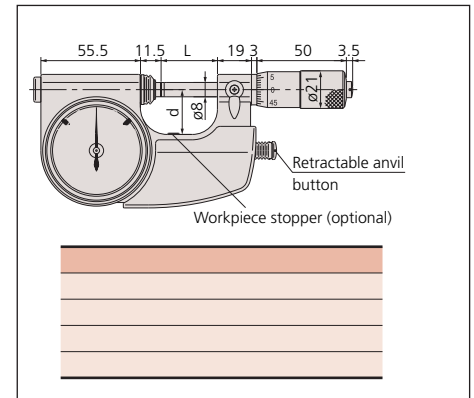
Spindle feed error: $3\mu\text{m} / .00012''$
 Dial indication accuracy: $1\mu\text{m} / .00004''$
 Dispersion of indication: $0.4\mu\text{m} / .00002''$
 Graduation: 0.001mm or .0001"
 Dial reading: 0.001mm or .00005"
 Flatness: $0.3\mu\text{m} / .000012''$
 Parallelism: $0.6\mu\text{m} / .000024''$ for models up to 50mm / 2"
 $1\mu\text{m} / .00004''$ for models over 50mm / 2"
 Measuring force: 5 - 10N (500 - 1000gf)
 Measuring faces: Carbide tipped

Optional Accessories

- 04AZA124:** $\varnothing 16\text{mm} / \varnothing .63''$ workpiece stopper (not available for 25mm / 1" model)
- 04AZA125:** $\varnothing 14\text{mm} / \varnothing .55''$ workpiece stopper
- 04AZA126:** $\varnothing 14\text{mm} / \varnothing .55''$ workpiece stopper



	Unit: mm	
	a	b
04AZA124	16	23
04AZA125	14	20.5
04AZA126	14	15



Technical Data

Flatness: $0.3\mu\text{m} / .000012''$
 Parallelism: $0.6\mu\text{m} / .000024''$ for models up to 50mm / 2"
 $1\mu\text{m} / .00004''$ for models over 50mm / 2"
 Measuring force: 5 - 10N (500 - 1000gf)
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