

Indicating Micrometers

SERIES 510

FEATURES

- Retractable anvil with indicator for three-wire measurements of pitch diameter of precision screws and parallelism measurements.
- With a standard bar except for 0 - 25mm / 0 - 1" model.
- IP protection level: 54
- Supplied in fitted plastic case.



510-131

SPECIFICATIONS

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.

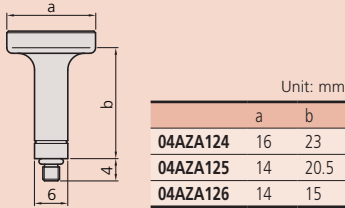
Technical Data

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: $0.001\text{mm} \text{ or } .0001''$
 Dial reading: $0.001\text{mm} \text{ or } .00005''$
 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



DIMENSIONS AND MASS

Range	L	d	Mass (g)
0 - 25mm / 0 - 1"	31.5	25	520
25 - 50mm / 1 - 2"	56.5	38	670
50 - 75mm / 2 - 3"	81.5	50	820
75 - 100mm / 3 - 4"	106.5	63	970

Range	d	L	Mass (g)
0 - 25mm / 0 - 1"	25	31	710
25 - 50mm / 1 - 2"	35	56	810
50 - 75mm / 2 - 3"	47.5	81	920
75 - 100mm / 3 - 4"	60	106	1050