

Indicating Micrometers

IP54

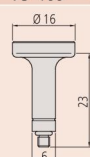
Specifications

Flatness	0,3 µm
Measuring face	Carbide-tipped, micro-lap finish, ø 8 mm
Delivered	Including box, key

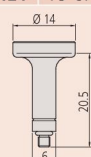
Optional accessories

No.	Description
04AZA124	Workpiece Stopper Indicating Micrometer, 23mm
04AZA125	Workpiece Stopper Indicating Micrometer, 20,5mm
04AZA126	Workpiece Stopper Indicating Micrometer, 15mm

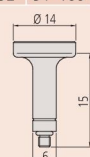
Measuring range mm	Nr.	Diameter range of workpiece supported		
		A Ø mm	B Ø mm	C Ø mm
0- 25	510-121	—	4-16	15- 25
25- 50	510-122	25-37	30-42	41- 50
50- 75	510-123	50-61	54-66	65- 75
75-100	510-124	75-87	80-92	91-100



04AZA124
Workpiece stop A



04AZA125
Workpiece stop B



04AZA126
Workpiece stop C



Adjusting screw for dial comparator $\pm 5 \mu\text{m}$

Series 510

This is an Indicating Micrometer with a dial comparator that enables you to take fast and highly accurate measurements. It offers you the following benefits:

- It is easy to use when operated one-handed due to retractable anvil.
- Protection level IP54 and large and easy to read characters on the dial plate
- Large dial comparator for easy reading ($\pm 0,06 \text{ mm}$)
- Tolerance markers for GO/NG measurements
- 8 mm spindle diameter gives you easy positioning and highly accurate measurements.

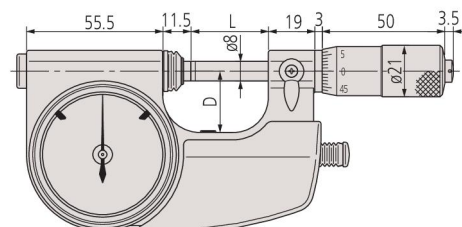


510-121

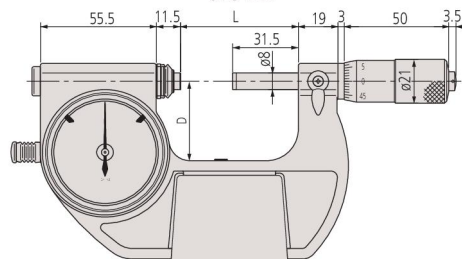
Metric

No.	Range [mm]	Indicating range	Anvil retracting stroke	Spindle feed error	Repeatability [µm]	Parallelism	Graduation
510-121	0 - 25	$\pm 0,06 \text{ mm}$	2 mm	3 µm	0,4	0,6 µm	0,001 mm
510-141	0 - 25	$\pm 0,06 \text{ mm}$	2 mm	3 µm	0,4	0,6 µm	0,001 mm
510-122	25 - 50	$\pm 0,06 \text{ mm}$	2 mm	3 µm	0,4	0,6 µm	0,001 mm
510-123	50 - 75	$\pm 0,06 \text{ mm}$	2 mm	3 µm	0,4	1 µm	0,001 mm
510-124	75 - 100	$\pm 0,06 \text{ mm}$	2 mm	3 µm	0,4	1 µm	0,001 mm

No.	Measuring force [N]	Operating button	Mass [g]	L [mm]	D [mm]
510-121	5-10	Right	520	31,5	25
510-141	5-10	Left	520	31,5	25
510-122	5-10	Left	670	56,5	38
510-123	5-10	Left	820	81,5	50
510-124	5-10	Left	970	106,5	63



0-25 mm



25-100 mm