

Lever Indicators Vertical Type

Series 513

This is a Dial Test Indicator (Lever Type) which offers you the following benefits:

- Drastically enhanced durability, sensitivity and visibility.
- Glare-free flat crystal face allows easy reading of graduations.
- O-ring seal on the bezel has the effect of providing smooth rotation and prevents dust and oil from penetrating through to the dial face.
- The stylus length is on the dial face to reorder a replacement
- Multi-layer coatings on the crystal.



513-455-10E



513-454-10E

Metric Basic set

No.	Range [mm]	Dial reading	Graduation [mm]	MPE any 10 scale divisions [μm]	MPE any 1/2 revolution [μm]	MPE measuring range [μm]	H MPE (Hysteresis) [μm]	R MPE (Repeatability) [μm]
513-455-10E	0,2	0-100-0	0,002	2	3	3	2	1
513-456-10E	0,5	0-100-0	0,01	5		5	3	3
513-454-10E	0,8	0-40-0	0,01	5	6	8	3	3

No.	Carbide stylus tip ø2 mm No.	Mass [g]	L1 [mm]	L2 [mm]
513-455-10E	103011	46	18,7	15,2
513-456-10E	137557	46	22,2	18,7
513-454-10E	103006	46	20,9	17,4

Metric Full set

No.	Range [mm]	Dial reading	Graduation [mm]	MPE any 10 scale divisions [μm]	MPE any 1/2 revolution [μm]	MPE measuring range [μm]	H MPE (Hysteresis) [μm]	R MPE (Repeatability) [μm]
513-455-10T	0,2	0-100-0	0,002	2	3	3	2	1
513-454-10T	0,8	0-40-0	0,01	5	6	8	3	3

No.	Carbide stylus tip ø2 mm No.	Mass [g]	L1 [mm]	L2 [mm]
513-455-10T	103011	46	18,7	15,2
513-454-10T	103006	46	20,9	17,4

Specifications

Contact point	Thread M 1,7 x 0,35
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For optional accessories, see end of lever indicators section.

Optional accessories

No.	Description
21AAB363	Limit Hands (Green) 2 pcs., Dial Indicator Series 1, Test Indicator

Set Configuration: Metric

Full set

Swivel clamp (900321, for ø4 mm, ø8 mm, dovetail) Metric holding bar (L: 100 mm)

Stylus, ø1 mm carbide point Stylus, ø3 mm carbide point Stem, ø4 mm

Basic set

Indicator Stylus, ø2 mm contact point (carbide)

Knurled clamp ring Stem, ø8 mm

