

Lever Indicator - Horizontal Type - 0.001/0,002 mm

Series 513

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This metric lever indicator helps you reach hard-to-access surfaces. It offers you the following benefits:

- It gives you easy access to shrouded surfaces that conventional indicators cannot reach.
- The no-clutch structure allows automatic reversal of the measuring direction.
- The one piece bezel and O-ring crystal seal make it highly resistant to water and dust.
- The glare-free flat crystal face has a scratch resistant coating.
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- A rotatable scale enables easy zero setting.
- Jewelled bearings and precision gears and pinions give you smooth, accurate movement and quick response.

Functions

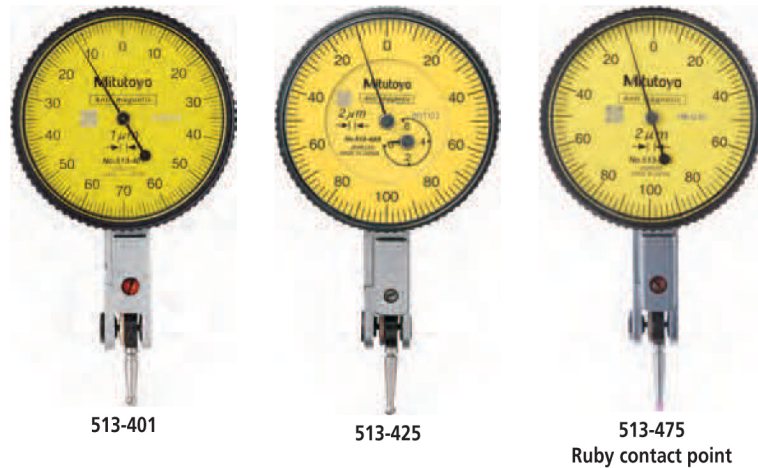
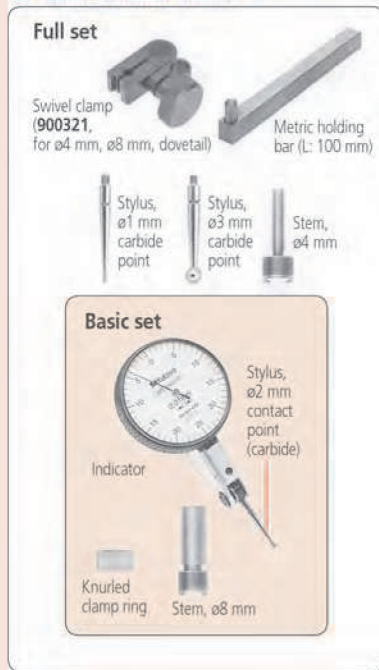
	513-401E up to 513-475E	513-465E	513-425E
Jeweled bearing	●	●	●
Coaxial revolution counter			●
Compact type		●	
Nonmagnetic	●	●	●

Specifications

Contact point Thread M 1,7 x 0,35

For optional accessories, see end of lever indicators section.

Set Configuration: Metric



Metric

Basic set

No.	Range [mm]	Graduation	Scale	fe [μm]	fu [μm]	fges [μm]	Carbide stylus tip ø2 mm No.	L [mm]	Ø D [mm]	Measuring force [N]	Mass [g]
513-401E	0.14	0.001 mm	0-70-0	3	2	4	21CZA036	12.8	39	≤ 0,3	42
513-465E	0.2	0.002 mm	0-100-0	3	2	4	103010	14.7	28	≤ 0,3	39
513-405E	0.2	0.002 mm	0-100-0	3	2	4	103010	14.7	39	≤ 0,3	42
513-425E	0.6	0.002 mm	0-100-0	6	3	11	103010	14.7	39	≤ 0,4	42

Metric

Basic set - Ruby contact point

No.	Range [mm]	Graduation	Scale	fe [μm]	fu [μm]	fges [μm]	Ruby stylus tip ø2 mm No.	L [mm]	Ø D [mm]	Measuring force [N]	Mass [g]
513-475E	0.2	0.002 mm	0-100-0	3	2	4	21CZA209	14.7	39	≤ 0,3	42

Metric

Full set

No.	Range [mm]	Graduation	Scale	fe [μm]	fu [μm]	fges [μm]	Carbide stylus tip ø2 mm No.	L [mm]	Ø D [mm]	Measuring force [N]	Mass [g]
513-405T	0.2	0.002 mm	0-100-0	3	2	4	103010	14.7	39	≤ 0,3	42

