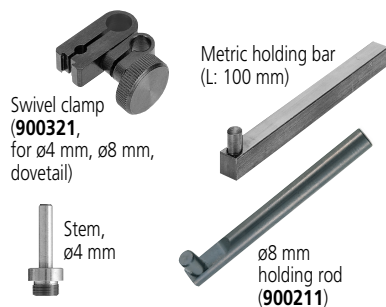
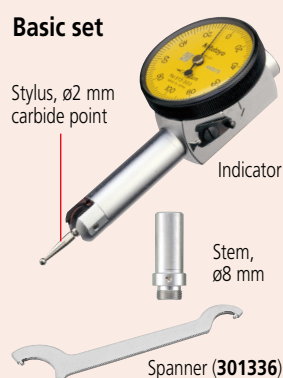


Set Configuration: Metric

Full set

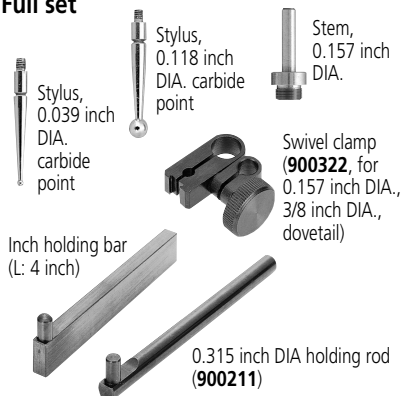


Basic set

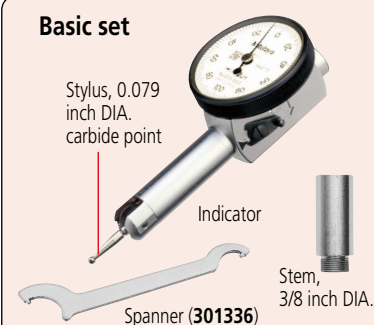


Set Configuration: Inch

Full set



Basic set



Long stylus



Jeweled bearing



Dustproof



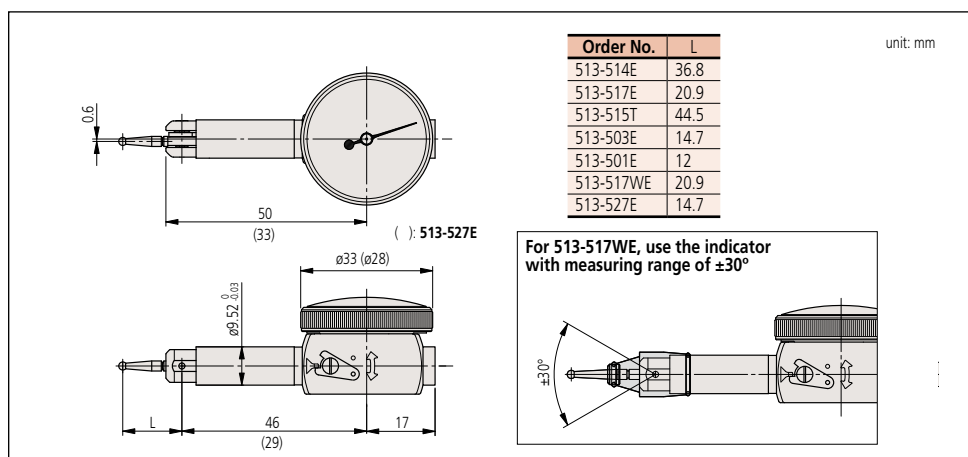
Compact

SPECIFICATIONS

Metric		Graduation	Range	Accuracy	Dial reading	Measuring force					—	—
Order No.	Order No.											
Basic set	Full set											
513-514E	513-514T	0.01 mm	0.5 mm	10 µm	0-25-0	0.3 N or less	✓	✓	—	—	—	—
513-517E	513-517T	0.01 mm	0.8 mm	8 µm	0-40-0	0.3 N or less	—	✓	—	—	—	—
513-517WE	513-517WT	0.01 mm	0.8 mm	8 µm	0-40-0	0.3 N or less	—	✓	—	✓	—	—
513-527E	513-527T	0.01 mm	0.8 mm	8 µm	0-40-0	0.3 N or less	—	✓	✓	—	—	—
—	513-515T	0.01 mm	1 mm	10 µm	0-50-0	0.3 N or less	✓	✓	—	—	—	—
513-503E	513-503T	0.002 mm	0.2 mm	3 µm	0-100-0	0.3 N or less	—	✓	—	—	—	—
513-501E	513-501T	0.001 mm	0.14 mm	3 µm	0-70-0	0.4 N or less	—	✓	—	—	—	—

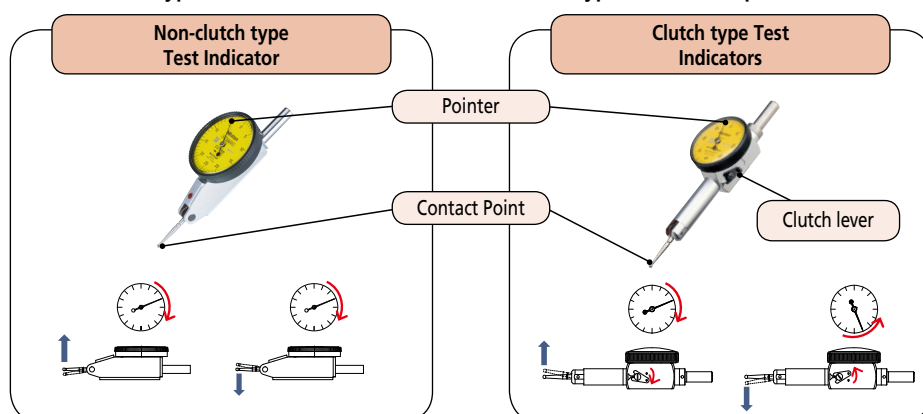
Inch		Graduation	Range	Accuracy	Dial reading	Measuring force					—	—
Order No.	Order No.											
Basic set	Full set											
513-518	513-518T	0.001 in	0.04 in	±0.001 in	0-20-0	0.3 N or less	—	✓	—	—	—	—
513-528	513-528T	0.001 in	0.04 in	±0.001 in	0-20-0	0.3 N or less	—	✓	✓	—	—	—
513-512	513-512T	0.0005 in	0.02 in	±0.0005 in	0-10-0	0.3 N or less	✓	✓	—	—	—	—
513-504	513-504T	0.0001 in	0.01 in	±0.0002 in	0-5-0	0.3 N or less	—	✓	—	—	—	—

DIMENSIONS



There are two types of Mitutoyo Dial Test Indicator:

The non-clutch type (without a clutch lever) and the clutch type (with a two-position clutch lever)



In the non-clutch type, although the contact point may move either in the upward or downward direction, the pointer always rotates clockwise.

In the clutch type, if the clutch lever is set in one position the contact point moves in the upward direction and the pointer rotates clockwise. Conversely, if the lever is set in the other position the contact point moves in the downward direction and the pointer rotates counterclockwise.