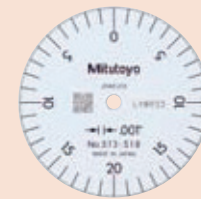


Pocket Type Dial Test Indicator

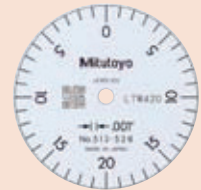
SERIES 513

FEATURES

- Jeweled bearings assure higher sensitivity and accuracy.
Indicator can be mounted by clamping the stem or the body (except for 513-517WE and 513-517WT).
- Reversible measuring direction.
- Two holding bars are supplied. (Full sets only.)
- Fully adjustable bezel/dial face.
- Stylus is adjustable within 220°.
- Bezel is sealed with an O-ring to keep out water / oil.



513-518E



513-528E



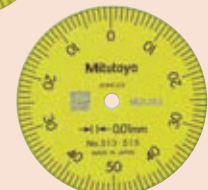
513-512



513-504



513-517



513-515



513-514



513-503



513-501

Optional Accessories

- : Swivel clamps (See page F-53.)
- : Holding bars (See page F-53.)
- : Stems (See page F-53.)
- : Styli (See page F-53.)



Long stylus type



Jeweled bearing type



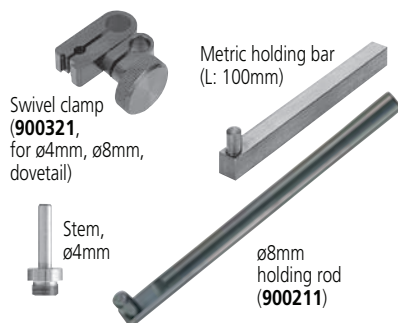
Dustproof type



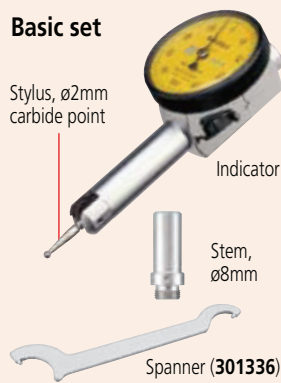
Compact type

Set Configuration: Metric

Full set

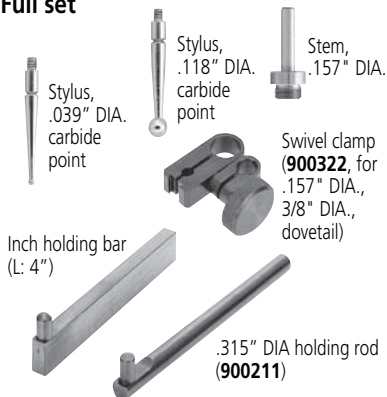


Basic set

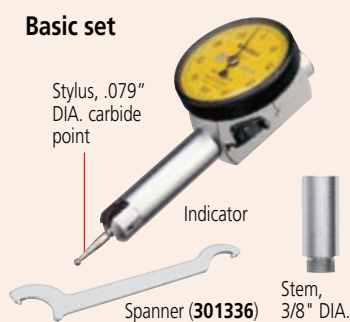


Set Configuration: Inch

Full set



Basic set



SPECIFICATIONS

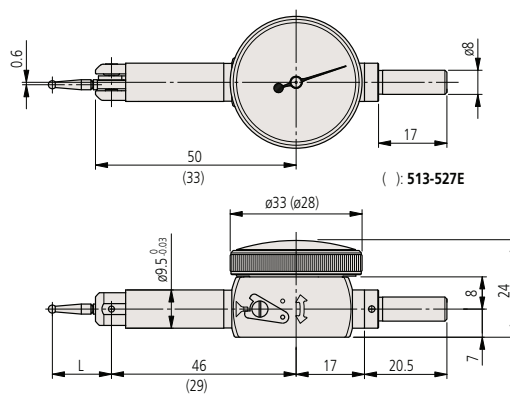
Metric

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

Inch

Graduation	Order No.		Range	Accuracy	Dial reading	Measuring force					—	—
	Basic set	Full set										
.001"	513-518	513-518T	.04"	±.001"	0-20-0	0.3N or less	—	✓	—	—	—	—
.001"	513-528	513-528T	.04"	±.001"	0-20-0	0.3N or less	—	✓	✓	—	—	—
.0005"	513-512	513-512T	.02"	±.0005"	0-10-0	0.3N or less	✓	✓	—	—	—	—
.0001"	513-504	513-504T	.01"	±.0002"	0-5-0	0.3N or less	—	✓	—	—	—	—

DIMENSIONS



Order No.	L
513-514E	36.8
513-517E	20.9
513-515T	44.5
513-503E	14.7
513-501E	12
513-517WE	20.9
513-527E	14.7

For the model 513-517WE, use the indicator with measuring range of ±30°

