

Dial Test Indicators

SERIES 513 – Horizontal Dial Test Indicator

- Provides easy access to shrouded surfaces that cannot be reached with conventional dial indicators.
- No-clutch structure for automatic reversal of measuring direction.
- Resistant to water and dust thanks to the one piece bezel and O-ring seal for the crystal.
- The glare-free flat crystal face has a scratch resistant coating.

- High sensitivity and quick response due to low-friction jewelled bearings.

513-474E:

- Ruby contact point model.
- Higher resistance to wear.
- Non-magnetic, non-conductive tip allows use in EDM processes.



513-474E



513-415E



513-424E



513-404E



513-414E



513-405E



513-425E



513-401E

FEATURES

Metric					
Code No.					
513-424E	✓	✓	—	✓	—
513-414E	✓	✓	✓	✓	—
513-404E	✓	—	—	✓	—
513-474E	✓	—	—	✓	—
513-415E	✓	—	✓	✓	—
513-426E	✓	✓	—	✓	✓
513-405E	✓	—	—	✓	—
513-425E	✓	—	—	✓	✓
513-401E	✓	—	—	✓	—

Inch					
Code No.					
513-402	✓	—	—	✓	—
513-412	✓	—	✓	✓	—
513-403	✓	—	—	✓	—

Metric/inch					
Code No.					
513-409T	✓	—	—	✓	—

Inch/metric					
Code No.					
513-406T	✓	—	—	✓	—

Special Sets:

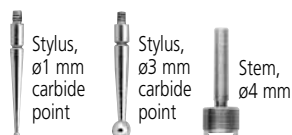
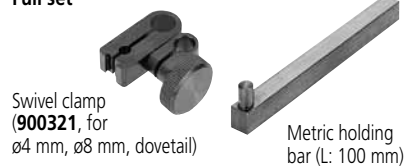
513-908: Metric set, consisting of:
513-404E Dial test indicator
7014 Mini magnetic stand
£126.00

513-907: Inch set, consisting of:
513-402 Dial test indicator
7014 Mini magnetic stand
£126.00

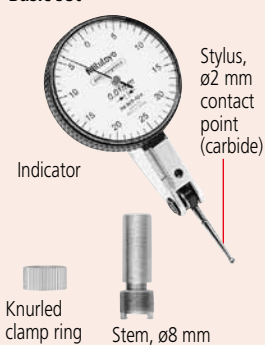


Set Configuration: Metric and Metric/Inch

Full set

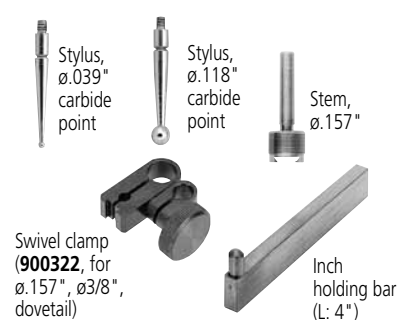


Basic set

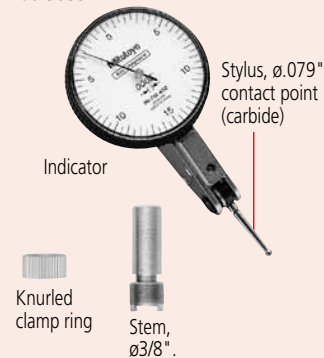


Set Configuration: Inch and Inch/Metric

Full set



Basic set



SPECIFICATIONS

Metric						
Code No.	Graduation	Range	Accuracy	Scale	Measuring force	Price
Basic Set						
513-424E	0.01 mm	0.5 mm	5 µm	0-25-0	0.3 N or less	£80.90
513-414E	0.01 mm	0.5 mm	10 µm	0-25-0	0.2 N or less	£82.10
513-404E	0.01 mm	0.8 mm	8 µm	0-40-0	0.3 N or less	£72.30
513-474E*	0.01 mm	0.8 mm	8 µm	0-40-0	0.3 N or less	£83.80
513-415E	0.01 mm	1 mm	10 µm	0-50-0	0.2 N or less	£89.20
513-426E	0.01 mm	1.5 mm	8 µm	0-25-0	0.4 N or less	£83.30
513-405E	0.002 mm	0.2 mm	3 µm	0-100-0	0.3 N or less	£87.80
513-425E	0.002 mm	0.6 mm	6 µm	0-100-0	0.4 N or less	£102.00
513-401E	0.001 mm	0.14 mm	3 µm	0-70-0	0.3 N or less	£87.80
Full Set						
513-424T	0.01 mm	0.5 mm	5 µm	0-25-0	0.3 N or less	£99.70
513-414T	0.01 mm	0.5 mm	10 µm	0-25-0	0.2 N or less	£116.00
513-404T	0.01 mm	0.8 mm	8 µm	0-40-0	0.3 N or less	£87.50
513-415T	0.01 mm	1 mm	10 µm	0-50-0	0.2 N or less	£108.00
513-405T	0.002 mm	0.2 mm	3 µm	0-100-0	0.3 N or less	£106.00

Inch						
Code No.	Graduation	Range	Accuracy	Scale	Measuring force	Price
Basic Set						
513-402	.0005"	.03"	±.0005"	0-15-0	0.3 N or less	£72.00
513-412	.0005"	.03"	±.0005"	0-15-0	0.2 N or less	£104.00
513-403	.0001"	.008"	±.0001"	0-4-0	0.3 N or less	£94.00
Full Set						
513-402T	.0005"	.03"	±.0005"	0-15-0	0.3 N or less	£102.00
513-412T	.0005"	.03"	±.0005"	0-15-0	0.2 N or less	£125.00
513-403T	.0001"	.008"	±.0001"	0-4-0	0.3 N or less	£125.00

Metric/inch						
Code No.	Graduation	Range	Accuracy	Scale	Measuring force	Price
Full Set						
513-409T	0.002 mm/.0001"	0.2 mm/.0075"	3 µm	0-10-0/0-3.8-0	0.3 N or less	£115.00

Inch/metric						
Code No.	Graduation	Range	Accuracy	Scale	Measuring force	Price
Full Set						
513-406T	.0005"/0.01 mm	.03"/0.7 mm	±.0005"	0-15-0/0-35-0	0.3 N or less	£108.00

* Provided with a ø2 mm ruby contact point as a substitute for ø2 mm carbide contact point.

DIMENSIONS

