

Dial Test Indicators









Comparison measuring instruments which ensure high quality, high accuracy and reliability.

SPECIFICATIONS

Metric			Graduation	Dial reading	Range	Accuracy				Mass	Measuring force	High accuracy	With revolution counter	Long stylus	Standard	Double scale spacing	Compact	Carbide contact point (slightly magnetic)	Ruby contact point (nonmagnetic)
Basic set	Plus set	Full set				Measuring range	One rev.	10 scale divisions	Hysteresis	Repeatability									
513-424-10E	513-424-10A	513-424-10T	0.01 mm	0-25-0	0.5 mm	6 µm	-	10 µm	5 µm	4 µm	45 g	0.3 N or less							
513-478-10E	-	-																	
513-466-10E	-	-																	
513-414-10E	513-414-10A	513-414-10T																	
513-426-10E	513-426-10A	-																	
513-404-10E	513-404-10A	513-404-10T																	
513-474-10E	-	-																	
513-464-10E	-	-																	
513-415-10E	513-415-10A	513-415-10T																	
513-477-10E	-	-																	
513-405-10E	513-405-10A	513-405-10T	0.002 mm	0-100-0	0.2 mm	4 µm	-	10 µm	5 µm	3 µm	45 g	0.3 N or less							
513-475-10E	-	-																	
513-465-10H	-	-																	
513-425-10E	513-425-10A	-																	
513-401-10E	-	-	0.001 mm	0-70-0	0.14 mm	4 µm	-	10 µm	5 µm	3 µm	45 g	0.3 N or less							
513-471-10E	-	-																	

Inch			Graduation	Dial reading	Range	Accuracy				Mass	Measuring force	High accuracy	With revolution counter	Long stylus	Standard	Double scale spacing	Compact	Carbide contact point (slightly magnetic)	Ruby contact point (nonmagnetic)
Basic set	Plus set	Full set				Measuring range	One rev.	Hysteresis	Repeatability										
513-402-10E	-	513-402-10T	0.0005 in	0-15-0	0.03 in	±0.0005 in	0.0002 in	0.0002 in	±0.0002 in	45 g	0.3 N or less								
513-472-10E	-	-																	
513-412-10E	-	513-412-10T																	
513-479-10E	-	-																	
513-462-10E	-	-																	
513-407-10E	-	513-407-10T	0.0001 in	0-4-0	0.008 in	±0.0001 in	0.0001 in	0.0001 in	±0.00004 in	45 g	0.3 N or less								
513-403-10E	-	513-403-10T																	
513-473-10E	-	-																	
513-463-10E	-	-																	

Metric/Inch			Graduation	Dial reading	Range	Accuracy				Mass	Measuring force	High accuracy	With revolution counter	Long stylus	Standard	Double scale spacing	Compact	Carbide contact point (slightly magnetic)	Ruby contact point (nonmagnetic)
Basic set	Plus set	Full set				Measuring range	10 scale divisions	Hysteresis	Repeatability										
513-409-10E	-	513-409-10T	0.002 mm / 0.0001 in	0-10-0 / 0-38-0	0.2 mm / 0.0076 in	4 µm	2 µm	3 µm	1 µm	45 g	0.3 N or less								

Inch/Metric																			
Order No.			Graduation	Dial reading	Range	Accuracy			Mass	Measuring force	 High accuracy	 With revolution counter	 Long stylus	 Standard	 Double scale spacing	 Compact	 Carbide contact point (slightly magnetic)	 Ruby contact point	
Basic set	Plus set	Full set				Measuring range	Hysteresis	Repeatability											
513-406-10E	–	513-406-10T	0.0005 in / 0.01 mm	0-15-0 / 0-35-0	0.03 in / 0.7 mm	±0.0005 in	0.0002 in	±0.0002 in	45 g	0.3 N or less							✓		

Note 1: Stem with ø8 dovetail groove is not included in the mass.

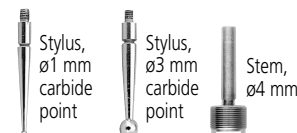
Note 2: Be sure to perform calibration with a reference gage after exchanging the contact point. The inside parts may be damaged when the contact point is exchanged due to the breakage. In the case the of the significant deterioration in the operation, repair is required.

Set Configuration: Metric and Metric/Inch

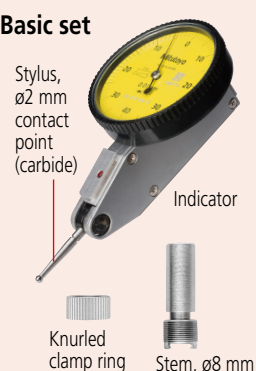
Full set



Plus set

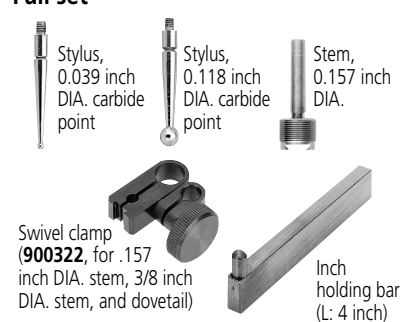


Basic set



Set Configuration: Inch and Inch/Metric

Full set



Basic set

