

Dial Test Indicators

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

SPECIFICATIONS

Metric			Graduation (mm)	Range (mm)	Dial reading	Maximum permissible error (MPE)* (μm)				Mass (g)	Measuring force (N)	High accuracy	With revolution counter	Long contact point	Standard	Double scale spacing	Compact	Carbide contact point (Slightly magnetic)	Ruby contact point
Order No.	Basic set	Plus set				Measuring range	One rev.	10 scale divisions	Hysteresis	Repeatability									
513-424-10E	513-424-10A	513-424-10T	0.01	0.5	0-25-0	6	-	5	4	3	45	0.3 or less							
513-478-10E	-	-				10					41								
513-466-10E	-	-				16					45								
513-414-10E	513-414-10A	513-414-10T				10					41								
513-426-10E	513-426-10A	-		1.5	0-40-0	9		5	4	3	45								
513-404-10E	513-404-10A	513-404-10T				10					41								
513-474-10E	-	-		0.8	0-40-0	9		5	4	3	45								
513-464-10E	-	-				10					41								
513-415-10E	513-415-10A	513-415-10T		1.0	0-50-0	10		5	4	3	45								
513-477-10E	-	-				10					41								
513-405-10E	513-405-10A	513-405-10T	0.002	0.2	0-100-0	4	-	2	3	1	45	0.3 or less							
513-475-10E	-	-				7					41								
513-455-10E	513-455-10A	513-455-10T				7					45								
513-425-10E	513-425-10A	-	0.001	0.6	0-70-0	4	-	3	4	1	45	0.3 or less							
513-401-10E	-	-				4					41								
513-471-10E	-	-				4					45								

Inch																			
Order No.			Graduation (in)	Range (in)	Dial reading	Maximum permissible error (MPE)* (in)			Mass (g)	Measuring force (N)	High accuracy 	 With revolution counter	 Long contact point	 Standard	 Double scale spacing	 Compact	 Carbide contact point (Slightly magnetic)	 Ruby contact point	
Basic set	Plus set	Full set				One rev.	Hysteresis	Repeatability											
513-402-10E	–	513-402-10T	0.0005	0.03	0-15-0	±0.0005	0.0002	±0.0002	45	0.3 or less									
513-472-10E	–	–																	
513-412-10E	–	513-412-10T																	
513-479-10E	–	–																	
513-462-10E	–	–	0.0005	0.008	0-4-0	±0.0001	0.0001	±0.00004	41	0.3 or less									
513-407-10E	–	513-407-10T																	
513-403-10E	–	513-403-10T																	
513-473-10E	–	–																	
513-463-10E	–	–	0.0001	0.008	0-4-0	±0.0001	0.0001	±0.00004	41	0.3 or less									
																			

Metric / Inch			Graduation	Range	Dial reading	Maximum permissible error (MPE)* (μm)				Mass (g)	Measuring force (N)	High accuracy	With revolution counter	Long contact point	Standard	Double scale spacing	Compact	Carbide contact point (Slightly magnetic)	Ruby contact point
Order No.	Basic set	Plus set				Measuring range	10 scale divisions	Hysteresis	Repeatability										
513-409-10E	-	513-409-10T	0.002 mm / 0.0001 in	0.2 mm / 0.0076 in	0-10-0 / 0-38-0	4	2	3	1	45	0.3 or less								

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

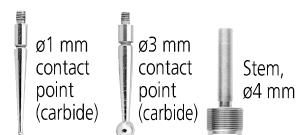
* We guarantee the accuracy of completed products by inspecting them with the dial face facing upward.
Note: Stem with dovetail groove is not included in the mass.

Set Configuration: Metric and Metric / Inch

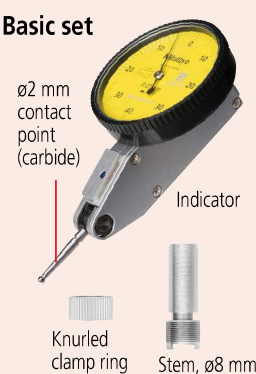
Full set



Plus set

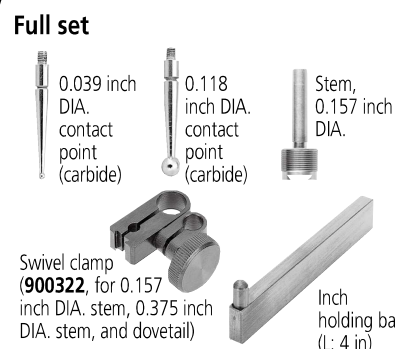


Basic set



Set Configuration: Inch and Inch / Metric

Full set



Basic set

