



ANSI/AGD Type Metric Dial Indicators with ø3/8 inch Stem and #4-48UNF-Thread Contact Point Compatible Type

Optional Accessories

- Backs (See page 07-69)
- Contact points (See pages 07-63 to 07-68)

SPECIFICATIONS

Metric		SERIES 1			ANSI/AGD type					
Code No.		Graduation (mm)	Range (range/rev) (mm)	Accuracy (µm)			Repeat-ability (µm)	Dial reading	Measuring force (N)	
w/lug	Flat-back			First 1 Rev	2.5 Rev	10 Rev				Retrace
1230A-01	1230AB-01	0.01	2.5 (1)	±10/±10/—			3	±2	0-100	1.4 or less
1231A-01	1231AB-01	0.01	2.5 (1)	±10/±10/—			3	±2	0-50-0	1.4 or less
1044A-01	1044AB-01	0.01	5 (1)	±10/±10/±13			3	±3	±0-100	1.4 or less
1045A-01	1045AB-01	0.01	5 (1)	±10/±10/±13			3	±3	0-50-0	1.4 or less
1010A-11	1010AB-11	0.002	0.5 (0.2)	±2/±2/—			2	±1	0-20	1.5 or less
1011A-11	1011AB-11	0.002	0.5 (0.2)	±2/±2/—			2	±1	0-10-0	1.5 or less

Metric		SERIES 2			ANSI/AGD type					
Code No.		Graduation (mm)	Range (range/rev) (mm)	Accuracy (µm)			Repeat-ability (µm)	Dial reading	Measuring force (N)	
w/lug	Flat-back			First 1 Rev	2.5 Rev	10 Rev				Retrace
2231A-01	2231AB-01	0.01	2.5 (1)	±10/±10/—			3	±3	0-50-0	1.4 or less
2046A-01	2046AB-01	0.01	10 (1)	±10/±10/±13			3	±3	±0-100	1.4 or less
2046A-11	2046AB-11	0.01	10 (1)	±10/±10/±13			3	±3	±0-100	1.4 or less
2047A-01	2047AB-01	0.01	10 (1)	±10/±10/±13			3	±3	0-50-0	1.4 or less
2047A-11	2047AB-11	0.01	10 (1)	±10/±10/±13			3	±3	0-50-0	1.4 or less
2902A-01	2902AB-01	0.01	10 (1)	±10/±10/±13			3	±3	100-0	1.4 or less
2050A-01	2050AB-01	0.01	20 (1)	±10/±10/±15/±20 (20 Rev)			4	±3	±0-100	2.0 or less
2056A-01	2056AB-01	0.01	25 (1)	±10/±10/±15/±20 (20 Rev)/±25 (Over 20 Rev)			4	±3	±0-100	2.5 or less
2109A-11	2109AB-11	0.001	1 (0.2)	±3/±3/±4			2	±0.3	0-10-0	1.5 or less
2119A-11	2119AB-11	0.001	5 (0.2)	±7/±7/±8/±10 (20 Rev)/±10 (Over 20 Rev)			2.5	±0.3	0-10-0	1.5 or less

Note: Completed products inspection is performed in the vertical orientation (contact point downward) and the stated accuracy is guaranteed.

FEATURES

Metric		ANSI/AGD type						
Code No.								
w/lug	Flat-back							
1230A-01	1230AB-01							
1231A-01	1231AB-01							
1044A-01	1044AB-01							
1045A-01	1045AB-01							
1010A-11	1010AB-11			✓				✓
1011A-11	1011AB-11			✓				✓

Metric									
w/lug	Flat-back								
2231A-01	2231AB-01								
2046A-01	2046AB-01								
2046A-11	2046AB-11			✓					
2047A-01	2047AB-01								
2047A-11	2047AB-11			✓					
2902A-01	2902AB-01								✓
2050A-01	2050AB-01								
2056A-01	2056AB-01								
2109A-11	2109AB-11			✓				✓	
2119A-11	2119AB-11			✓					