



Optional Accessories

- Backs (See pages 07-69 to 07-70)
- Contact points (See pages 07-63 to 07-68)

ANSI/AGD Type Metric Dial Indicators with $\varnothing 3/8$ inch Stem and #4-48UNF-Thread Contact Point Compatible Type

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)	$\pm 10/\pm 10/-$	3	± 2	0-100	1.4 or less	
1231A-01	1231AB-01	0.01	2.5 (1)	$\pm 10/\pm 10/-$	3	± 2	0-50-0	1.4 or less	
1044A-01	1044AB-01	0.01	5 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	$\pm 0-100$	1.4 or less	
1045A-01	1045AB-01	0.01	5 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	0-50-0	1.4 or less	
1010A-11	1010AB-11	0.002	0.5 (0.2)	$\pm 2/\pm 2/-$	2	± 1	0-20	1.5 or less	
1011A-11	1011AB-11	0.002	0.5 (0.2)	$\pm 2/\pm 2/-$	2	± 1	0-10-0	1.5 or less	

Metric		SERIES 2							
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)	$\pm 10/\pm 10/-$	3	± 3	0-50-0	1.4 or less	
2046A-01	2046AB-01	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	$\pm 0-100$	1.4 or less	
2046A-11	2046AB-11	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	$\pm 0-100$	1.4 or less	
2047A-01	2047AB-01	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	0-50-0	1.4 or less	
2047A-11	2047AB-11	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	0-50-0	1.4 or less	
2902A-01	2902AB-01	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	100-0	1.4 or less	
2050A-01	2050AB-01	0.01	20 (1)	$\pm 10/\pm 10/\pm 15/\pm 20$ (20 Rev)	4	± 3	$\pm 0-100$	2.0 or less	
2056A-01	2056AB-01	0.01	25 (1)	$\pm 10/\pm 10/\pm 15/\pm 20$ (20 Rev)/ ± 25 (Over 20 Rev)	4	± 3	$\pm 0-100$	2.5 or less	
2109A-11	2109AB-11	0.001	1 (0.2)	$\pm 3/\pm 3/\pm 4$	2	± 0.3	0-10-0	1.5 or less	
2119A-11	2119AB-11	0.001	5 (0.2)	$\pm 7/\pm 7/\pm 8/\pm 10$ (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										
Code No.										
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				✓					