



An inspection certificate is supplied as standard. Refer to page U-11 for details.

Dial Indicators

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

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					
Order 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				
1230S-01	1230SB-01	0.01	2.5 (1)	$\pm 10/\pm 10/-$	3	± 2	0-100	1.4 or less	
1231S-01	1231SB-01	0.01	2.5 (1)	$\pm 10/\pm 10/-$	3	± 2	0-50-0	1.4 or less	
1044S-01	1044SB-01	0.01	5 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	$\pm 0-100$	1.4 or less	
1045S-01	1045SB-01	0.01	5 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	0-50-0	1.4 or less	
1010S-11	1010SB-11	0.002	0.5 (0.2)	$\pm 2/\pm 2/-$	2	± 1	0-20	1.5 or less	
1011S-11	1011SB-11	0.002	0.5 (0.2)	$\pm 2/\pm 2/-$	2	± 1	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.

Metric		SERIES 2		ANSI/AGD type					
Order 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				
2231S-01	2231SB-01	0.01	2.5 (1)	$\pm 10/\pm 10/-$	3	± 3	0-50-0	1.4 or less	
2046S-01	2046SB-01	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	$\pm 0-100$	1.4 or less	
2046S-11	2046SB-11	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	$\pm 0-100$	1.4 or less	
2047S-01	2047SB-01	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	0-50-0	1.4 or less	
2047S-11	2047SB-11	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	0-50-0	1.4 or less	
2902S-01	2902SB-01	0.01	10 (1)	$\pm 10/\pm 10/\pm 13$	3	± 3	100-0	1.4 or less	
2050S-01	2050SB-01	0.01	20 (1)	$\pm 10/\pm 10/\pm 15/\pm 20$ (20 Rev)	4	± 3	$\pm 0-100$	2.0 or less	
2056S-01	2056SB-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	
2109S-11	2109SB-11	0.001	1 (0.2)	$\pm 3/\pm 3/\pm 4$	2	± 0.3	0-10-0	1.5 or less	
2119S-11	2119SB-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.

Optional Accessories

- Backs (See page F-61)
- Contact points (See pages F-57 to F-60)

FEATURES

Metric										
Order No.		w/lug	Flat-back							
1230S-01	1230SB-01									
1231S-01	1231SB-01									
1044S-01	1044SB-01									
1045S-01	1045SB-01									
1010S-11	1010SB-11									
1011S-11	1011SB-11									

Metric													
Order No.		w/lug	Flat-back										
2231S-01	2231SB-01												
2046S-01	2046SB-01												
2046S-11	2046SB-11												
2047S-01	2047SB-01												
2047S-11	2047SB-11												
2902S-01	2902SB-01												
2050S-01	2050SB-01												
2056S-01	2056SB-01												
2109S-11	2109SB-11												
2119S-11	2119SB-11												