

Dial Indicators

SERIES 3 — Large Dial Face and Long Stroke

- Dial gages with a large-diameter (78mm / 3.07") graduation face for easy reading.



3046S



3047S

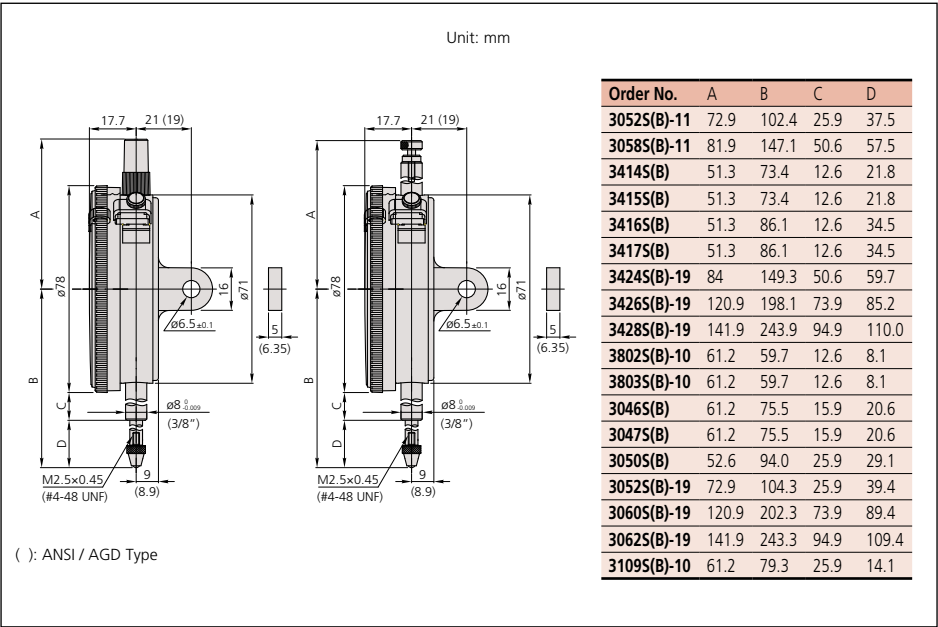


3050S



3052S-19

DIMENSIONS



Dial Indicators

SERIES 3 — Large Dial Face

SPECIFICATIONS

Inch		Stem 3/8" DIA. #4-48 UNF Thread						ANSI/AGD type			
Graduation	Range	Range /rev	Dial reading	Order No.		Accuracy		Measuring Force			
				W/ lug	Flat-back	First 2.5 Rev	Overall Accuracy				
.0001"	.025"	.01"	0-10	3802S-10	3802SB-10	±.0001"	±.0001"	2.0N or less	✓	✓	
.0001"	.025"	.01"	0-5-0	3803S-10	3803SB-10	±.0001"	±.0001"	2.0N or less	✓	✓	
.001"	.5"	.1"	±0-100	3414S	3414SB	±.001"	±.001"	1.8N or less			
.001"	.5"	.1"	0-50-0	3415S	3415SB	±.001"	±.001"	1.8N or less			
.001"	1"	.1"	±0-100	3416S	3416SB	±.001"	±.002"	1.8N or less			
.001"	1"	.1"	0-50-0	3417S	3417SB	±.001"	±.002"	1.8N or less			
.001"	2"	.1"	±0-100	3424S-19	3424SB-19	±.001"	±.003"	3.0N or less	✓	✓	✓
.001"	3"	.1"	±0-100	3426S-19	3426SB-19	±.001"	±.005"	3.0N or less	✓	✓	✓
.001"	4"	.1"	±0-100	3428S-19	3428SB-19	±.001"	±.005"	3.2N or less	✓	✓	✓

Metric		Stem 3/8" DIA. #4-48 UNF Thread, Yellow dial face						ANSI/AGD type			
Graduation	Range	Range /rev	Dial reading	Order No.		Accuracy		Measuring Force			
				W/ lug	Flat-back	First 2.5 Rev	Overall Accuracy				
0.01mm	30mm	1mm	±0-100	3052S-11	3052SB-11	±0.01mm	±0.03mm	2.5N or less	✓	✓	✓
0.01mm	50mm	1mm	±0-100	3058S-11	3058SB-11	±0.01mm	±0.04mm	3.0N or less	✓	✓	✓

Metric		Stem ø 8mm M2.5x0.45 Thread						ISO/JIS type			
Graduation	Range	Range /rev	Dial reading	Order No.		Accuracy	Measuring Force				
				W/ lug	Flat-back						
0.001mm	1mm	0.2mm	0-10-0	3109S-10	3109SB-10	±0.005mm	1.5N or less	✓	✓		
0.01mm	10mm	1mm	0-100	3046S	3046SB	±0.015mm	1.4N or less				
0.01mm	10mm	1mm	0-50-0	3047S	3047SB	±0.015mm	1.4N or less				
0.01mm	20mm	1mm	0-100	3050S	3050SB	±0.020mm	2.0N or less				✓
0.01mm	30mm	1mm	0-100	3052S-19	3052SB-19	±0.025mm	2.5N or less	✓	✓	✓	
0.01mm	50mm	1mm	0-100	3058S-19	3058SB-19	±0.035mm	3.0N or less	✓	✓	✓	
0.01mm	80mm	1mm	0-100	3060S-19*	3060SB-19*	±0.045mm	3.0N or less	✓	✓	✓	
0.01mm	100mm	1mm	0-100	3062S-19*	3062SB-19*	±0.050mm	3.2N or less	✓	✓	✓	

*use in a vertical position only



Shockproof type



w/ coaxial revolution counter



w/ damper at lowest rest point



Jeweled bearing type

Optional Accessories

- : Backs (See page F-33.)
- : Contact points (See page F-34.)