

Dial Indicators

SERIES 3 — Large Dial Face and Long Stroke

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



3109S-10



3416S



3058S-19



3046S



3047S



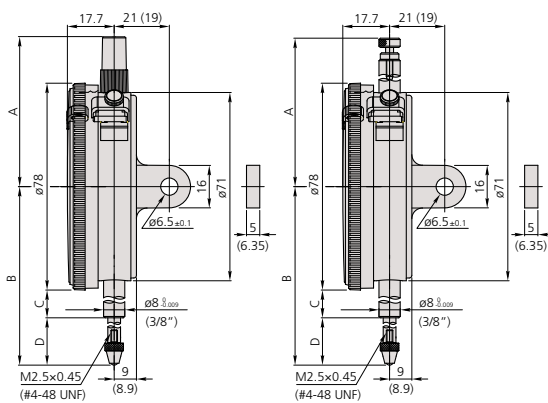
3050S



3052S-19

DIMENSIONS

Unit: mm



(): ANSI / AGD Type

Order No.	A	B	C	D
3052S(B)-11	72.9	102.4	25.9	37.5
3058S(B)-11	81.9	147.1	50.6	57.5
3414S(B)	51.3	73.4	12.6	21.8
3415S(B)	51.3	73.4	12.6	21.8
3416S(B)	51.3	86.1	12.6	34.5
3417S(B)	51.3	86.1	12.6	34.5
3424S(B)-19	84	149.3	50.6	59.7
3426S(B)-19	120.9	198.1	73.9	85.2
3428S(B)-19	141.9	243.9	94.9	110.0
3802S(B)-10	61.2	59.7	12.6	8.1
3803S(B)-10	61.2	59.7	12.6	8.1
3046S(B)	61.2	75.5	15.9	20.6
3047S(B)	61.2	75.5	15.9	20.6
3050S(B)	52.6	94.0	25.9	29.1
3052S(B)-19	72.9	104.3	25.9	39.4
3060S(B)-19	120.9	202.3	73.9	89.4
3062S(B)-19	141.9	243.3	94.9	109.4
3109S(B)-10	61.2	79.3	25.9	14.1

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.)

Mitutoyo

1.888.610.7664



www.calcert.com

sales@calcert.com