

SERIES 4 — Large Dial Face

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Inch		Stem 3/8" DIA. #4-8 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				
.001"	3"	.1"	±0-100	48875-19	48875B-19	±.001"	±.005"	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	First 2.5 Rev	Overall accuracy			
0.01mm	10mm	1mm	0-100	4046S	4046SB	± 0.01mm	± 0.015mm	1.4N or less	✓	✓

Technical drawings of two probe models, 4046S(B) and 4887S(B)-19, showing side and cross-sectional views with dimensions in mm.

4046S(B) Dimensions:

- Overall length: 61.2
- Probe tip length: 17.7
- Probe tip diameter: $\phi 6.5_{+0.1}$
- Probe body diameter: $\phi 9.2$
- Probe base diameter: $\phi 8.0_{-0.009}$
- Probe base thread: M2.5x0.45
- Probe base length: 19.1
- Probe base offset: 9
- Probe body offset: 21
- Probe body offset: 16
- Probe body offset: $\phi 7.1$
- Probe body offset: 5

4887S(B)-19 Dimensions:

- Overall length: 120.9
- Probe tip length: 17.7
- Probe tip diameter: $\phi 6.5_{+0.1}$
- Probe body diameter: $\phi 9.2$
- Probe base diameter: $\phi 8.0_{-0.009}$
- Probe base thread: #4-48 UNF
- Probe base length: 198.1
- Probe base offset: 9
- Probe base offset: 8.9
- Probe body offset: 19
- Probe body offset: 16
- Probe body offset: $\phi 7.1$
- Probe body offset: 6.35