



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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CALIBRATION AND DIMENSIONAL MEASUREMENT

Valid to: August 5, 2027, Certificate Number: L1094-1

CALIBRATION

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) ¹	Reference Standard, Method, and/or Equipment
Micrometer Standards	Up to 29 in	(39 + 6 <i>L</i>) µm	Comparison to Gauge Blocks using Telsma 500
	(29 to 48) in	(21 + 7.8 <i>L</i>) µm	Comparison to Gauge Blocks
Plain Rings	(0.5 to 6) in	(51 + 6 <i>D</i>) µm	Comparison to Gauge Blocks using Telsma 500
Pin Gauges	Up to 1 in	(51 + 4.8 <i>D</i>) µm	
Plug Gauges	Up to 4 in	(49 + 5.8 <i>D</i>) µm	Comparison to Gauge Blocks
Outside Micrometer (0.000 05 in Resolution)	(0 to 48) in	(38 + 7.1 <i>L</i>) µm	
Outside Micrometer (0.000 1 in Resolution)	(0 to 48) in	(47 + 6.7 <i>L</i>) µm	
Outside Micrometer (0.001 in Resolution)	(0 to 48) in	(570 + 2.3 <i>L</i>) µm	
Depth Micrometer (0.000 05 in Resolution)	(0 to 12) in	(54 + 5 <i>L</i>) µm	
Depth Micrometer (0.000 1 in Resolution)	(0 to 12) in	(73 + 4.3 <i>L</i>) µm	
Depth Micrometer (0.001 in Resolution)	(0 to 12) in	(580 + 0.7 <i>L</i>) µm	