SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

KERR LAKESIDE INC.
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Euclid, OH 44132
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MECHANICAL

Valid To: February 28, 2026 Certificate Number: 0159.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on fasteners:

Test:	**Test Methods:**
Tension Testing	
Axial / Wedge Tensile Strength	ASTM F606/F606M; ISO 898-1 (sec 9.1 to 9.5)
Proof Load (Ext. Threaded)	ASTM F606/F606M
Hardness	
Rockwell (A, B, C, 15N, 30N)	ASTM A370 (Sec. 17, A3.3), E18, F606/F606M; ISO 898-1 (sec 9.9)
Microhardness	
Knoop (200, 500 gf)	ASTM E3, E384
Metallographic Evaluation	
Carburization / Decarburization	ASTM F2328/F2328M
Case Depth	SAE J423 (Sec. 5.1, 6.3)
Coating Thickness	ASTM B499

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I. Dimensional Testing[1]

Parameter	Range[2]	CMC[3] (±)	Technique / Standards
Linear - 1D	Up to 1 in (0.0001 res.)	0.0002 in	Micrometer; Optical comparator / ASME/ANSI B1.2; ASME B1.3M; FED-STD-H28
	Up to 2 in (0.0001 res.)	0.0002 in	Micrometer; Optical comparator / ASME/ANSI B1.2; ASME B1.3M; FED-STD-H28
	Up to 6 in (0.0005 res.)	0.001 in	Digital caliper / ASME/ANSI B1.2; ASME B1.3M; FED-STD-H28
	Up to 8 in (0.001 res.)	0.002 in	Caliper / ASME/ANSI B1.2; ASME B1.3M; FED-STD-H28
	Up to 3 in (0.001 res.)	0.00015 in	Depth micrometer / ASME/ANSI B1.2; ASME B1.3M; FED-STD-H28
	Up to 0.030 in (0.0001 res.)	0.0002 in	Dial indicator / ASME/ANSI B1.2; ASME B1.3M; FED-STD-H28
	Up to ±0.075 in (0.0005 res.)	0.001 in	Dial indicator / ASME/ANSI B1.2; ASME B1.3M; FED-STD-H28
Threads	#8 thru 2 in (0.00025 res.)	0.0005 in	Thread gage, System 22 / ASME/ANSI B1.2; ASME B1.3M; FED-STD-H28
Socket Gaging	#8 thru 1 1/8 in M4 thru M24	N/A	Go/no-go gages / ASME/ANSI B18.3, B18.3.1M

[1] This laboratory's dimensional testing services are not commercially available and are not equivalent to that of a calibration.

[2] res. = instrument resolution

[3] Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine measurements of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific measurement performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific measurement.

Accredited Laboratory

A2LA has accredited

KERR LAKESIDE INC.

Euclid, OH

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 8th day of March, 2024.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0159.01
Valid to February 28, 2026

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.