



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SPEC LAB
3F, No. 358, Sec. 1 Dongmen Road
Tainan, 70142
Taiwan, R.O.C.
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MECHANICAL

Valid To: June 30, 2028

Certificate Number: 2706.01

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

<u>Test</u>	<u>Test Method(s)</u>
Hardness and Superficial Hardness –	
Rockwell (BW, C, 15N, 30N)	ASTM E18, F606/F606M; ISO 898-1, 898-2
Vickers (0.3/0.5/1/3/5/10) kgf	ASTM E384, E92
Case Depth (Hardness Method)	SAE J78, J81, J1237
Decarburization (Hardness Method)	ASTM F2328, F2328M; ISO 898-1
Torsional Strength	SAE J78, J81, J933, J1237; ASME B18.6.3; ISO 2702
Drive Test	SAE J81, J933, J1237; ASME B18.6.3; ISO 2702
Drive Torque	SAE J81, J1237; ASME B18.6.3
Hydrogen Embrittlement	ISO 15330; SAE J78, J81, J1237; ASME B18.6.3
Surface Roughness	ASME B46.1

I. Dimensional Testing¹

Parameter/Equipment	Range	Comments
Angle	(0 to 360)°	Visual measuring machine; JIS B1071
Radius	Up to 5 mm	Visual measuring machine; JIS B1071
Length – 1 D 2 D	Up to 25 mm Up to 300 mm Up to 150 mm (2 to 10) mm X-Axis: Up to 200 mm Y-Axis: Up to 200 mm	Outside micrometer JIS B1071 Caliper JIS B1071 Length gage JIS B1071 Tri-Lobular diameter gage JIS B1071 Visual measuring machine JIS B1071
Concentricity, Runout, and Perpendicularity	Up to 1 mm	Dial gage and fixtures/JIS B1071

¹ Commercial dimensional testing service is sometimes available for this laboratory. These tests are not equivalent to that of a calibration.



Accredited Laboratory

A2LA has accredited

SPEC LAB

Tainan, Taiwan, R.O.C.

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 14th day of May 2026.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2706.01
Valid to June 30, 2028

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