



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INFASTECH/TRI-STAR LIMITED
Taiwan Branch Laboratory
No. 269-7 Baodong Road
Guanmiao Dist, Tainan City 71841
TAIWAN, R.O.C.
Gordon Kuo Phone: +886-6-5965798 # 131

MECHANICAL

Valid To: January 31, 2021

Certificate Number: 2528.01

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

<u>Test</u>	<u>Test Method</u>
Decarburization	ISO 898-1
Hardness Rockwell (HRBW, HRC, HR15N, HR30N) Vickers (HV 0.3/0.5/1/3/5/10/30 kgf)	ASTM E18, F606/F606M; ISO 898-1; SAE J429 ASTM E92, E384, F606/F606M; ISO 898-1; SAE J429
Plating Thickness (Fe/Zn) Magnetic Field/Eddy Current (Fe/Zn) X-Ray Spectrometry (Fe/Zn, Fe/Zn/Ni)	ASTM E376 ASTM B568
Salt Spray	ASTM B117
Tensile Axial Wedge Proof Load (Length Measurement) Proof Load (Internal Thread Fasteners)	ASTM F606/F606M; ISO 898-1; SAE J429 ASTM F606/F606M; ISO 898-1; SAE J429 ASTM F606/F606M; ISO 898-1; SAE J429 ASTM F606/F606M; ISO 898-2
Torsional Strength	ASTM F606/F606M; ISO 898-7

I. Dimensional Testing¹

Parameter	Range	Technique/Method
External Threads ² –		
Pitch Diameter	#10 – ¾ in	Thread wires/JIS B0261
Functional Diameter	M3 – M20	Ring gage/ASME B1.2, ISO 1502, JIS B1071
Major Diameter	#10 – ¾ in	Outside micrometer/JIS B1071
Minor Diameter	#10 – ¾ in	Profile projector/JIS B1071
M3 – M20		
Length ²	Up to 25 mm	Outside micrometer/JIS B1071
	Up to 150 mm	Digital calipers/JIS B1071
	X axis: Up to 180 mm	Profile projector/JIS B1071
	Y axis: Up to 60 mm	

¹ This laboratory offers commercial dimensional testing service.

²This test is not equivalent to that of a calibration.





Accredited Laboratory

A2LA has accredited

INFASTECH/TRI-STAR LIMITED

Tainan City, Republic of China

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 22nd day of February 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2528.01
Valid to January 31, 2021

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