



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**WJ Titan**  
**6004 Highview Drive, Suite F**  
**Fort Wayne, IN 46818**

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**DIMENSIONAL MEASUREMENT**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 20 September 2021  
Certificate Number: AT-2506



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
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).

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

**WJ Titan**  
6004 Highview Drive, Suite F  
Fort Wayne, IN 46818  
Walt Maurer  
260-969-2951

### DIMENSIONAL MEASUREMENT

Valid to: **September 20, 2021**

Certificate Number: **AT-2506**

#### 1 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurement 1D	Up to 8 in	1 257 $\mu$ m	Caliper utilized as Reference Standard for Dimensional Measurement
	Up to 2 in	76 $\mu$ m	Micrometer utilized as Reference Standard for Dimensional Measurement

#### 2 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurement 2D	X = Up to 20 in Y = Up to 20 in	337 $\mu$ m	Vision or Optical Comparator utilized as Reference Standard for Dimensional Measurement
	Up to 150 $\mu$ m Ra	7.65 $\mu$ m	Surface Finish with Profilometer and Surface Reference Standard utilized as Reference Standard for Surface Finish for Dimensional Measurement

**3 Dimensional**

Parameter	Range	Expanded Uncertainty of Measurement (+/-) <sup>1</sup>	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X = Up to 27 in Y = Up to 60 in Z = Up to 27 in	(492 + 5L) μin	Coordinate Measuring Machine utilized as Reference Standard for Dimensional Measurement
	X = Up to 98 in Y = Up to 60 in Z = Up to 60 in	(3 100 + 1L) μin	Large Coordinate Measuring Machine utilized as Reference Standard for Dimensional Measurement

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ( $k=2$ ), corresponding to a confidence level of approximately 95%.

Notes:

1.  $L$  = Length in inches.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2506.



R. Douglas Leonard Jr., VP, PILR SBU

