



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Tomco Tool, Inc.
203 S. Wittenberg Ave.
Springfield, OH 45506

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

CALIBRATION

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of calibrations to which this accreditation applies.

AC-1389

Certificate Number

ANAB Approval

Certificate Valid To: 05/17/2017
Version No. 001 Issued: 03/25/2015



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).



ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Tomco Tool Inc.

203 S. Wittenberg Ave., Springfield, OH 45506
 Bryan Stewart Phone: 937-322-5768
 tomcotool@aol.com www.tomco-tool.com

CALIBRATION

Valid to: May 17, 2017

Certificate Number: AC - 1389

I. Dimensional

PARAMETER / EQUIPMENT	RANGE	CALIBRATION AND MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
ID	(0.250 to 10) in	(8 + 4L) μin	Gage blocks ID comparator	TT-2503
OD	(0.125 to 4) in	(11 + 3L) μin	Gage blocks OD Comparator	TT-2504
Length/Height	(0.1 to 10) in (10 to 20) in	(11 + 4L) μin (24 + 4L) μin	Gage blocks, Electronic Indicator	TT-2507
Taper	Up to 5 in	(80 + 17L) μin	Gage blocks Sine plate Electronic Indicator	TT-2502
Flatness	Up to 6 in	11.5 μin	Optical Flat	TT-2505
Roundness	Up to 0.0002 in	23.1 μin	Bendix Indi-Ron	TT-2514
Parallelism	Up to 0.0002 in	10.4 μin	Electronic Indicator Surface Plate	TT-2509
Squareness	Up to 5 in	223.8 μin	Steel Cube Electronic Indicator	TT-2511
Surface finish	Up to 30 Ra	3.2 μin	Profilometer	TT-2510
Straightness	Up to 0.0002 in	10.4 μin	Electronic Indicator	TT-2512
Concentricity	Up to 0.002 in	49.1 μin	Electronic Indicator	TT-2520
Micrometers	Up to 6 in	(32.5 + 9.1L) μin	Gage blocks	TT-2521
Calipers	Up to 12 in	(344 + 7.5L) μin	Gage blocks	TT-2522



PARAMETER / EQUIPMENT	RANGE	CALIBRATION AND MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Thread Gages	Up to 1.0 in	100 μin	Thread wires Gage blocks OD Comparator	TT-2523
Indicators Dial/Digital	Up to 1 in / 50 μin 1 to 4 in / 50 μin	37 μin 47 μin	Gage blocks	TT-2524

Notes:

1. Calibration and Measurement Capabilities (Expanded Uncertainties) are based on approximately a 95% confidence interval, using a coverage of $k=2$
2. The term "L" represents length in inches.
3. This scope is formatted as part of a single document including the Certificate of Accreditation No. AC-1389



Vice-President

