



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Better Bolting, Inc.
3077 Broadway Avenue, SW
Grandville, MI 49418

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

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.

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 18 March 2026

Certificate Number: AC-3082



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

Better Bolting, Inc.
3077 Broadway Avenue, SW
Grandville, MI 49418
Mike Perry 800-540-1167 mperry@betterbolting.net

CALIBRATION

Valid to: **March 18, 2026**

Certificate Number: **AC-3082**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pneumatic Torque Tools	(40 to 1 000) lbf·ft (150 to 3 000) lbf·ft (500 to 5 000) lbf·ft (400 to 6 000) lbf·ft (2,500 to 11 000) lbf·ft	1.2 % of reading + 1.6 lbf·ft 0.9 % of reading + 3.7 lbf·ft 1 % of reading + 3 lbf·ft 1 % of reading + 8 lbf·ft 1.5 % of reading – 2 lbf·ft	Torque Transducers, Pressure Gages
Hydraulic Torque Tools	(50 to 20 000) lbf·ft	0.57 % of reading + 4.6 lbf·ft	Torque Transducers, Pressure Transducers with Indicators
Manual Torque Wrenches	(2.5 to 25) lbf·in (4 to 50) lbf·in (30 to 400) lbf·in (80 to 1 000) lbf·in (20 to 250) lbf·ft (60 to 600) lbf·ft (100 to 1 000) lbf·ft	0.24 % of reading + 0.3 lbf·in 0.07 % of reading + 0.31 lbf·in 0.22 % of reading + 0.56 lbf·in 0.27 % of reading + 0.46 lbf·in 0.28 % of reading + 0.07 lbf·ft 0.31 % of reading + 0.07 lbf·ft 0.8 % of reading + 0.03 lbf·ft	Torque Transducers
Battery Torque Tools	(40 to 1 000) lbf·ft (150 to 3 000) lbf·ft (500 to 5 000) lbf·ft (375 to 6 000) lbf·ft	0.79 % of reading + 1.1 lbf·ft 0.64 % of reading + 3.1 lbf·ft 0.63 % of reading + 2.9 lbf·ft 0.7 % of reading + 2.2 lbf·ft	Torque Transducers
Electric Torque Tools	(150 to 3 000) lbf·ft	0.88 % of reading + 7.6 lbf·ft	Torque Transducers
Electronic Torque Tools	(100 to 1 000) lbf·ft (150 to 3 000) lbf·ft (500 to 5 000) lbf·ft (375 to 6 000) lbf·ft (1 000 to 14 000) lbf·ft	0.56 % of reading + 1.5 lbf·ft 0.67 % of reading + 1 lbf·ft 0.63 % of reading + 1.9 lbf·ft 0.6 % of reading + 2 lbf·ft 0.6 % of reading + 3.1 lbf·ft	Torque Transducers
Pneumatic Pressure Gages	(0 to 300) psig	0.7 psi	Comparison to Reference Pressure Gages

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Hydraulic Pressure Gages	(0 to 10 000) psig (0 to 40 000) psig	12 psi 38 psi	Comparison to Reference Pressure Gages

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. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-3082.



Jason Stine, Vice President

