

A. A. Jansson, Inc.

Certificate of Calibration

2070 Airport Rd
Waterford, 48327

Phone No. 248-674-4811 ~ Fax No. 248-674-1234



Company: LINEAR MEASUREMENT INSTRUMENTS
Address: 101 N. ALLOY RD.
FENTON, MI 48430
Contact: ALAN BAGGETT
Job #: 85/120

Doc #: 43201
Calibration Date: 12/20/2022
PO/Acct: 70018512
Page: 1 of 2
Visual Condition: GOOD
Date Received:

Gage Desc.: 60 MM LINEAR GAGE W/ AMPLIFIER

Control: 70 985 648F MT 60K 635
005 970

Mfg: HEIDENHAIN MT 60K

Model: MT 60K GAGE HEAD &
DRO

Procedure #: AAJ CM-31.0

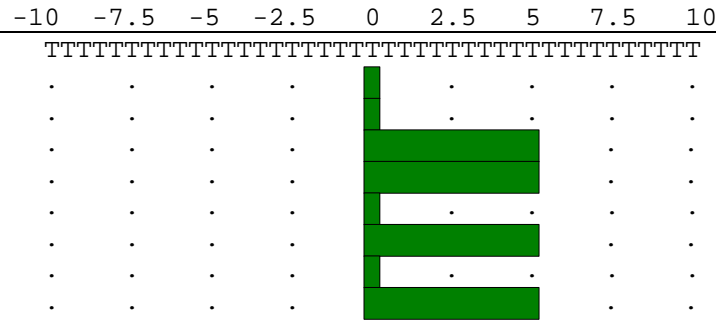
ID#: 70 985 648F MT 60K 635
005 970

+ / - Tolerances: +0.001000 / -0.001000

Graph Scale: +0.000050

AS FOUND DATA

Nominal	Actual	Deviation
+1.000000	+1.000000	+0.000000
+5.000000	+5.000000	+0.000000
+10.000000	+10.000500	+0.000500
+20.000000	+20.000500	+0.000500
+30.000000	+30.000000	+0.000000
+40.000000	+40.000500	+0.000500
+50.000000	+50.000000	+0.000000
+60.000000	+60.000500	+0.000500



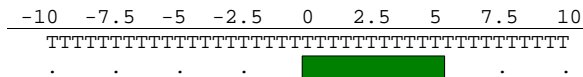
Measurement Uncertainty: ± 0.3 µm

+ / - Tolerances: 100.000% of +0.000500

Graph Scale: +0.000050

ANVIL FLATNESS

Nominal	Actual	Deviation
+0.000000	+0.000500	+0.000500



Measurement Uncertainty: ± 0.20 µm

Comments:

CLEANED, CALIBRATED AND CERTIFIED
DATA IS REPORTED MILLIMETERS
TEMPERATURE: 70.8° F
HUMIDITY 32.2%
.0005 MM RESOLUTION
CERTIFICATE ISSUE DATE: 12/20/2022
NOTE* NEW GAGE HEAD (MT 60K 635 005 970)

We certify the equipment used for this calibration is traceable to NIST through one or more of the following numbers:

The Gage Record for G-3384 could not be found!
96049544: EXTECH TEMPERATURE/HUMIDITY GAGE
5175430036, 5447410003, 3013-0018, 1011-0342-1, 3011-0386 Cal Date / Due Date: 4/6/2022 -- 4/6/2023
160001: 88 PC. METRIC GAGE BLOCK SET
685-O-000000362-19 Cal Date / Due Date: 12/13/2022 -- 12/13/2023

Gage Status: PASS

Due Date: 12/20/2024

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Mfg:	HEIDENHAIN MT 60K	Model:	MT 60K GAGE HEAD & DRO
Procedure #:	AAJ CM-31.0	ID#:	70 985 648F MT 60K 635 005 970

Unless otherwise noted in comments, the following will apply:

1. Reported reading were taken at 68° F ± 4° F, Relative humidity less than 50%.
2. Compliance statements will be binary, and a simple acceptance rule will be applied, with no consideration for measurement uncertainty. The tolerance used will be per manufacturers specification.
3. This is an endorsed Calibration Certificate (A2LA 1182.01) Valid until 8/31/2024 in accordance with ISO/IEC 17025:2005
4. Data is "AS FOUND" and item is "USED"
5. The results reported relate only to the items calibrated

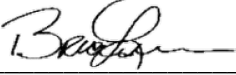
This calibration was performed "ONSITE" at customers facility..

Reported measurement uncertainties are based upon a 95% confidence level, k=2. This report shall not be reproduced except in full, without written permission by A. A. Jansson, Inc. Any number of factors may cause the subject of this calibration to drift out of calibration before the recommended interval has expired.

Calibrations performed in accordance with the A. A. Jansson, Inc. Quality Assurance Manual Revision 10, Date: 2020-05-29.

Calibration date is the same as "date received"

We certify the equipment used for this calibration is traceable to the International System of units (SI) via standards traceable to NIST or other National Metrology Institutes (NMI).

Certified By: Steve Wilt Signature: _____
Authorized By: 

Brian Lemon - Technician

This certificate is not valid unless all 2 page(s) are present.

Results of this certificate relate only to the item mentioned in document header.

END OF DOCUMENT