

# Fox Valley Metrology

3114 Medalist Drive  
 Oshkosh, WI 54902  
 (920) 426-5894 • Fax (920) 426-8120  
<https://www.FoxValleyMetrology.com>

## CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

<p><b>CERTIFICATION NUMBER</b> CP134-00379-840</p> <p><b>FOR</b> Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902</p> <p><b>TEST INSTRUMENT</b> Screw Pitch Gage</p> <p><b>MAKE</b> Starrett</p> <p><b>MODEL</b> No. 474 (28 leaves 4-80)</p> <p><b>CUSTOMER LOCATION</b> Location1 Location2</p> <p><b>CONDITION RECEIVED</b> In Tolerance</p> <p><b>CONDITION RETURNED</b> In Tolerance</p> <p><b>CALIBRATED BY</b> Mark Adamski</p> <p><b>REVIEWED/ISSUED</b> D.P. 07/29/2025</p> <p><b>CALIBRATION LOCATION</b> FVM</p> <p><b>ENVIRONMENT</b> 69.0°F, 31.0%RH, 28.92inHg</p> <p><b>CALIBRATION DATE</b> 05/14/2025</p> <p><b>RECALIBRATION DUE</b> 05/14/2026</p>	<p><b>IDENTIFICATION</b> DM-024A</p> <p><b>SERIAL NUMBER</b> 379</p> <p><b>PURCHASE ORDER #</b></p> <p><b>PROCEDURES FOLLOWED</b> DM-024A rev. 1</p> <p><b>STANDARDS USED</b></p> <table border="1"> <thead> <tr> <th>INSTRUMENT</th> <th>SERIAL NUMBER</th> <th>TRACE NUMBER</th> <th>NEXT CAL</th> </tr> </thead> <tbody> <tr> <td>FVM-079B</td> <td>16783188.37</td> <td>C0141-15985-690</td> <td>07/31/2025</td> </tr> <tr> <td>FVM-195A</td> <td>AVR-0388-6047-06</td> <td>CP029-37511-489</td> <td>07/31/2025</td> </tr> <tr> <td></td> <td>21</td> <td></td> <td></td> </tr> </tbody> </table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	FVM-079B	16783188.37	C0141-15985-690	07/31/2025	FVM-195A	AVR-0388-6047-06	CP029-37511-489	07/31/2025		21		
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### CALIBRATION RESULTS

\* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Pitch	(in)	(in)	(in)	(in)	(in)	(in)
80	0.0125	0.0123	0.0127	0.0125	0.0125	1.1E-4
72	0.0139	0.0137	0.0141	0.0139	0.0139	1.1E-4
64	0.01563	0.01543	0.01583	0.01563	0.01563	1.1E-4
56	0.01786	0.01766	0.01806	0.01786	0.01786	1.1E-4
48	0.02083	0.02063	0.02103	0.02083	0.02083	1.1E-4
44	0.02273	0.02253	0.02293	0.02273	0.02273	1.1E-4
40	0.02500	0.02480	0.02520	0.02500	0.02500	1.1E-4
36	0.02778	0.02758	0.02798	0.02778	0.02778	1.1E-4
32	0.03125	0.03095	0.03155	0.03125	0.03125	1.1E-4
28	0.03571	0.03541	0.03601	0.03571	0.03571	1.1E-4
27	0.03704	0.03674	0.03734	0.03704	0.03704	1.1E-4
24	0.04167	0.04137	0.04197	0.04167	0.04167	1.1E-4
20	0.05000	0.04970	0.05030	0.05000	0.05000	1.1E-4
18	0.05556	0.05526	0.05586	0.05556	0.05556	1.1E-4
16	0.06250	0.06220	0.06280	0.06250	0.06250	1.1E-4
14	0.07143	0.07113	0.07173	0.07143	0.07143	1.1E-4
13	0.07692	0.07662	0.07722	0.07692	0.07692	1.1E-4
12	0.08333	0.08303	0.08363	0.08333	0.08333	1.1E-4
11.5	0.08695	0.08665	0.08725	0.08695	0.08695	1.1E-4
11	0.09091	0.09061	0.09121	0.09091	0.09091	1.1E-4
10	0.10000	0.09970	0.10030	0.10000	0.10000	1.1E-4
9	0.11111	0.11081	0.11141	0.11111	0.11111	1.1E-4
8	0.12500	0.12470	0.12530	0.12500	0.12500	1.1E-4
7	0.14286	0.14256	0.14316	0.14286	0.14286	1.1E-4
6	0.16667	0.16637	0.16697	0.16667	0.16667	1.1E-4
5	0.20000	0.19970	0.20030	0.20000	0.20000	1.1E-4
4.5	0.22222	0.22192	0.22252	0.22222	0.22222	1.1E-4

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FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
4	0.25000	0.24970	0.25030	0.25000	0.25000	1.1E-4

### COMMENTS

Example certificate, actual results and uncertainties will be reported at the time of calibration.  
Nominal and limits may vary based on actual make/model.

- This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024
- Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered "shared responsibility.") Uncertainties expressed in nominal units.
- The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.