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

CERTIFICATE OF CALIBRATION

ilac-MRA
ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
CALIBRATION AND DIMENSIONAL MEASUREMENT
Certificate No. ACT-1272

CERTIFICATION NUMBER CP134-00329-840

FOR Sample Manufacturing
3121 Medalist Drive
Oshkosh, WI 54902

TEST INSTRUMENT Thread Plug
Spiralock

MAKE Spiralock Corporation

MODEL 5-44 SPL

CUSTOMER LOCATION Location1
Location2

CONDITION RECEIVED In Tolerance

CONDITION RETURNED In Tolerance

CALIBRATED BY Brittany Lemke

REVIEWED/ISSUED D.P. 07/29/2025

CALIBRATION LOCATION FVM

ENVIRONMENT 69.0°F, 31.0%RH, 28.92inHg

CALIBRATION DATE 05/14/2025

RECALIBRATION DUE 05/14/2026

IDENTIFICATION HG-004D

SERIAL NUMBER 329

PURCHASE ORDER #

PROCEDURES FOLLOWED

HG-004D rev. 1

STANDARDS USED

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
FVM-011	FVM-011	CN163-37170-590	07/31/2025
FVM-012	FVM-012	CN177-60092-590	07/31/2025
FVM-017	351066	CP045-29094-590	07/31/2025
FVM-060B	16781927.29	CO190-17156-690	07/31/2025
FVM-131	TG2103-1070	CP041-20520-924	07/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Go P.D. & Ramp	(in)	(in)	(in)	(in)	(in)	(in)
Go PD - F	0.1169	0.1169	0.1171	0.1169	0.1169	0.000054
Go PD - M	0.1169	0.1169	0.1171	0.1169	0.1169	0.000054
Go PD - B	0.1169	0.1169	0.1171	0.1169	0.1169	0.000054
Go Major	0.1246	0.1246	0.1250	0.1246	0.1246	0.00004
	(in)	(in)	(in)	(in)	(in)	(in)
Lead	0.02273	0.02253	0.02293	0.02278	0.02278	0.000054
	(DecDeg)	(DecDeg)	(DecDeg)	(DecDeg)	(DecDeg)	(DecDeg)
Flank Angle Leading	30	30	30	30	30	0.083
Ramp Angle	60	60	60	60	60	0.083
HI LIMIT RAMP	(in)	(in)	(in)	(in)	(in)	(in)
PD - F	0.1194	0.1192	0.1194	0.1192	0.1192	0.000054
PD - B	0.1194	0.1192	0.1194	0.1192	0.1192	0.000054
Major Diameter	0.1241	0.1237	0.1241	0.1240	0.1240	0.00004
	(in)	(in)	(in)	(in)	(in)	(in)
Lead	0.02273	0.02253	0.02293	0.02267	0.02267	0.000054
	(DecDeg)	(DecDeg)	(DecDeg)	(DecDeg)	(DecDeg)	(DecDeg)
Flank Angle Leading	30	30	30	30	30	0.083
Ramp Angle Trailing	60	60	60	60	60	0.083

Reviewed

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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.