

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

CERTIFICATION NUMBER	CP134-00251-840	IDENTIFICATION	HG-010E
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	SERIAL NUMBER	251
TEST INSTRUMENT	Tapered Thread Plug	PURCHASE ORDER #	
MAKE	Standard Tapered Thread Plugs	PROCEDURES FOLLOWED	HG-010E rev. 1
MODEL	0 - 2 BSPT	STANDARDS USED	
RANGE	1/8-28 BSPT Sys A		
CUSTOMER LOCATION	Location1 Location2		
CONDITION RECEIVED	In Tolerance		
CONDITION RETURNED	In Tolerance		
CALIBRATED BY	Laura Fuhrmann		
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		

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
FVB-001H	16783462	CP192-57963-735	07/31/2026
FVB-043	FVB-043	CP122-53962-896	05/31/2026
FVB-044	FVB-044	CP123-47486-896	05/31/2026
FVB-101	N/A	CP127-31724-795	05/31/2026
FVB-104	1645	C0214-32797-592	08/31/2025
FVB-172B	N/A	CP181-49012-910	06/30/2026

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
1/8-28						
BSPT Sys A	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
Gage Plane MD	9.7280	9.7180	9.7380	9.7280	9.7280	7.1E-5
Gage Plane PD	9.1470	9.1420	9.1520	9.1470	9.1470	7.4E-5
Minus Length	4.0000	3.9750	4.0000	3.9990	3.9990	1.3E-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.