



UNIVERSAL-GAUGES PVT. LTD.

CALIBRATION LABORATORY

Plot No. 41/3, D-II Block, MIDC Chinchwad, Pune 411019.

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CC - 4199

CERTIFICATE OF CALIBRATION

ULR : CC419924000019786F

Calibration Date	Issued On	Certificate No.	Cal. Due Date (Customer decided)	Page	No. of Pages
28/10/2024	28/10/2024	UG/CAL/24-25/1994/003	28/10/2025	1	1

Name of Customer & Address : M/s. WESTERN HEAT AND FORGE PVT.LTD,
B-73 ,1/1 PHASE II, BHAMBOLI, CHAKAN ,TAL-KHED, PUNE
Through : M/s. UNIVERSAL-GAUGES PVT. LTD.

Date of Receipt of Material : 28/10/2024 (P. O. / S.O. No. : BY HAND dtd. 28/10/2024)

Work Order No. : UG/CAL/24-25/1994 **Cal. Location** : In Lab

Unit Under Calibration : **Thread Ring Gauge (Customer Specification)**

Make : Universal **Sr. No.** : O-851/O-852

Size : 5.000"-4 STUB ACME-2G **Identification No** : --

Lab ID No. : UG/CAL/24-25/1994/003

Condition of Item : Ok

Environmental Conditions : Temperature : 20 °C (±1 °C) **Humidity** : 50 ± 10 % Rh

Reference Document No. : ANSI/ASME B1.8-1988 (R2021)

Calibration Procedure No. : UG/CP/20A

Major Equipments Used for Calibration : Used standards are traceable to National / International Standards through Direct / NABL Accredited Calibration Laboratory.

Description	Identification No.	Calibration Certificate No	Traceability With	Calibration Date	Valid up to
UNIVERSAL LENGTH MEASURING MACHINE 300T	UG-E01-02	OM/46/230014	CC-2751	03/08/2023	03/08/2025
MASTER SETTING RING	UG-R05-01	LAB/CA/04/02/24/0846	CC-2764	29/06/2024	28/06/2026

Uncertainty of Measurement : ± 1.61 µm 3 mm to 100 mm

The uncertainty stated is the expanded uncertainty of measurment obtained by multiplying the standard uncertainty by the coverage factor k=2 correspondes to confidence level of 95.45%.

Dimension (Gauges)

CALIBRATION RESULTS

Parameter	Specified Dim. In mm	Observed Dim.In mm
GO EFF DIA	123.365 - 0.028	123.344
NOGO EFF DIA	122.644 + 0.028	122.649

Calibrated & Checked By		Authorized Signatory
		
Mr. Ajit Tupe (Technical Manager)		Mr. Balkrishna Gore (Quality Manager)

x-x-x-x-x- End of certificate -x-x-x-x-x-

- The calibration results reported in this certificate are valid at the time of & stated condition of measurement.
- The Certificate should not be reproduced except in full without prior permission in writing of M/s Universal Gauges Pvt. Ltd..
- This certificate relates only to the item calibrated.

UG/F/51 Amend No. : Amend Date: