



Certificate of calibration No.: KL2203H0210

Date of issue: 15.03.2022

Customer : FORJAS DE VIANA, S.A.
CARRATERA DE RECAJO, 14, 31230-VIANA, NAVARRA

Gauge: thread calibre
Type: -
Producer : Insize
Production // Identification number: 1702220462 // -
Range // scale division: M 8x1-6H

Calibrations condition:

Measured according to calibration process: KP D5
Used etalons: ET D60 Length gauge Steinmeyer IKF 100
ET D12/2 Set of measuring wires

This calibration sheet assures the continuity of the used standards to national standards, which implement physical quantities according to the International SI System (Système International d'Unités).

Laboratory air temperature : (20 ± 2) °C

Place of calibration: In the laboratory - workplace Ivančice

1st flank angle	30°
2nd flank angle	30°
Pitch	1,000 mm
Thread starts	1
Wire diameter	0,620 mm

Results of measuring in mm:

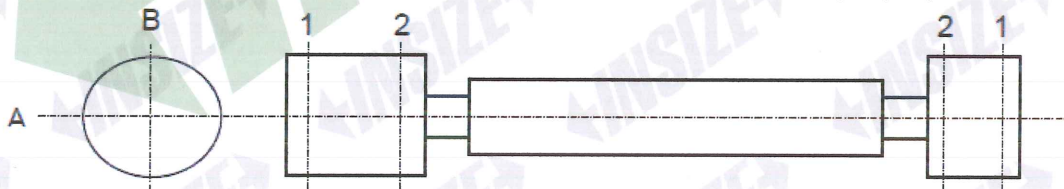
M 8x1-6H	Measured value	Tolerance min	Tolerance max	Statement of conformity
GO side	8,358	8,338	8,361	OK
Effective diameter	8,359	8,338	8,361	OK
NO GO side	8,495	8,488	8,505	OK
Effective diameter	8,496	8,488	8,505	OK

Value "effective diameter" is calculated for the dimension over the wires.

Tolerance field determined according to ISO 965:1998 / ISO 1502.

The statement of conformity of measured values with tolerances according to above mentioned standard issued at the customer's request, is presented with a shared risk to the customer / laboratory without taking into account the expanded uncertainty (OK = match, NOK = difference).

Measurement results are based on the min / max measurement values A1, A2, B1, B2.



Expanded measurement uncertainty : $U = (3 + 15 \cdot L) \mu\text{m}$, where L is measured length in (m)

The mentioned expanded measurement uncertainty is the product of the standard uncertainty of measurement and the coefficient of expansion $k = 2$, which corresponds to approx. 95% probability of coverage for normal growth. Standard uncertainty was determined in accordance with the document EA-4/02 M:2013.

Date of calibration: 15.03.2022

Measured by: Miroslav Martinka

Reviewed and approved:
Milan Řezáč
Chief of the laboratory



The calibration certificate must not be copied without written consent of the laboratory, which has issued this calibration certificate, other than all. The results concern only the above mentioned gauge and relate to the place and time of measuring.