

CALIBRATION CERTIFICATE

Customer : 0155600
Identification number : 162168010
Gauge application : Incoming inspection
Standard of thread : Pipe threads according to ISO 228:2003
Type of gauge : NOGO thread plug gauge
Thread designation : G 2
Pitch : 2,3090 mm
Measuring method : Three wires method
Wire diameter : 1,3015 mm
Measuring force : 9,10 N
Measurement traceability : Mahr 828 Nr.31
Measurement traceability : Parallelendmaß Nr.314950 033421 D-K-15048-01-00 2020-06

Gauge nominal values


Major diameter max. : 58,7950 mm
Major diameter min. : 58,7710 mm
Pitch diameter max. : 58,3270 mm
Pitch diameter min. : 58,3150 mm
Minor diameter max. : 56,4760 mm

Measuring values Pitch diameter

| Plane | Axial section | PitchØ [mm] | Out of tolerance [µm] |
|-------|---------------|-------------|-----------------------|
| 2 | 0 Degree | 58,3200 | - |

Valuation: usable

Operator:


(Ammann-Mayer)

Date: 09.12.2021

Uncertainty of measurement: $U = 2.5 \mu\text{m} + 10 \cdot 10^{-6} \cdot d$. The uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor $k = 2$. They were established according to DAkkS-DKD-3. The value of the measured variable is within the assigned value range with 95 % probability.
Ref.temp: $(20 \pm 1) ^\circ\text{C}$. **Inspection requirement:** The inspections procedure was based on recognised German inspection specifications (VDI/VDE/DGQ/2618). The measuring equipment and standards used are compared regularly with reference standards calibrated by a calibration service accredited by the European Cooperation for Accreditation (EA) and therefore traceable to the national standards of the PTB. Hence the inspection certificate complies with the traceability requirements of DIN EN ISO 9001.