



CALIBRATION CERTIFICATE

Customer : 0155600
 Identification number : ISO 7/2-2000 (132772017)
 Gauge application : Incoming inspection
 Standard of thread : Pipe threads acc. to ISO 7/2:2000 (EN 10226:2005)
 Type of gauge : Taper full form thread plug gauge
 Thread designation : Rc/Rp 1
 Pitch : 2,3090 mm
 Measuring method : Measure with IAC Master Scanner
 Measurement traceability : IAC MSXP 100x60 Nr.507
 Measurement traceability : Gauge block set ID 3997 57308 D-K-15190-01-00 2015-06

Gauge nominal values

Major diameter max. : 33,2730 mm
 Major diameter min. : 33,2490 mm
 Pitch diameter max. : 31,7880 mm
 Pitch diameter min. : 31,7760 mm
 Minor diameter max. : 30,2910 mm
 Gauge length : 14,5000 mm
 Gauge plane : 4,0410 mm

Measuring values Pitch diameter

Gauge plane IAC [mm]	Axial section	PitchØ [mm]	Out of tolerance [mm]
10,4590	0° Degree	31,7832	-

Valuation: usable

Operator: 
 (Buckenmayer) Date: 19.07.2019

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 ± 1) °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.