

## CALIBRATION CERTIFICATE

Customer : 0155600  
Identification number : 135804047  
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 1/4  
Pitch : 1,3370 mm  
Measuring method : Measure with IAC Master Scanner  
Measurement traceability : IAC MSXP 100x60 Nr.598  
Measurement traceability : Set of setting plugs ID 02-04150

**Gauge nominal values**

Major diameter max. : 13,1730 mm  
Major diameter min. : 13,1570 mm  
Pitch diameter max. : 12,3130 mm  
Pitch diameter min. : 12,3050 mm  
Minor diameter max. : 11,4450 mm  
Gauge length : 8,4000 mm  
Gauge plane : 2,3390 mm

**Measuring values Pitch diameter**

Gauge plane IAC [mm]	Axial section	PitchØ [mm]	Out of tolerance [mm]
6,0610	0° Degree	12,3076	-

**Valuation: usable**

Operator:

  
(Buckenmayer)

Date: 06.02.2020

**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 DAKS-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.