



## CALIBRATION CERTIFICATE

**Customer** : 0155600  
**Identification number** : 104305014  
**Gauge application** : Incoming inspection  
**Standard of thread** : Pipe threads acc. to DIN 2999:1983  
**Type of gauge** : Taper full form thread plug gauge  
**Thread designation** : Rp 1/4 DIN 2999  
**Pitch** : 1,3370 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.** : 13,1645 mm  
**Major diameter min.** : 13,1495 mm  
**Pitch diameter max.** : 12,3160 mm  
**Pitch diameter min.** : 12,3060 mm  
**Minor diameter max.** : 11,4450 mm  
**Gauge length** : 8,4000 mm  
**Gauge plane** : 2,3400 mm

### Measuring values Pitch diameter

Gauge plane IAC [mm]	Axial section	PitchØ [mm]	Out of tolerance [mm]
6,0600	0° Degree	12,3140	-

**Valuation: usable**

Operator: JA L  
(Buckenmayer)

Date: 13.12.2017

**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.