



CALIBRATION CERTIFICATE
(Inspection certificate 3.1 e.g. EN 10204)

Customer : 0155600
Identification number : 47177021
Gauge application : Incoming inspection
Standard of thread : ISO metric threads acc. to DIN ISO 1502 (DIN 13)
Type of gauge : GO / NOGO thread plug gauge
Thread designation: : M 6x0.75-6G
Pitch: : 0,7500 mm
Measuring method: : Three wires method
Used wire diameter: : 0,4550 mm
Measuring force: : 2,70 N

Gauge nominal values	GO side	NO GO side
External diameter - max. value	: 6,0450 mm	5,8335 mm
External diameter - min. value	: 6,0230 mm	5,8115 mm
Effective diameter - max. value	: 5,5525 mm	5,6780 mm
Effective diameter - min. value	: 5,5415 mm	5,6670 mm
Minor diameter - max. value	: 5,1020 mm	5,1020 mm

Measuring values of Effective diameter - GO side

Meas. plane No.	Meas. valueNo.	Effective diameter [mm]	Out of tolerance [µm]
1	1	5,5473	-

Measuring values of Effective diameter - NO GO side

Meas. plane No.	Meas. valueNo.	Effective diameter [mm]	Out of tolerance [µm]
1	1	5,6725	-

Valuation: usable

Operator: *i. A. A. Meyer* (Buckenmayer) Inspection date: 25.03.2014

measuring accuracy: $U_{95} = 2.5 \mu m + 1.4 \cdot 10^{-6} \cdot l$; Ref.temp. [deg C°]: 20; Measuring machine: MAHR 828 Nr.19372; MAHR 828 Nr. 38013; Zeiss ULM 01-600C Nr.6908; IAC Master Scanner MSXP 6025 Nr.101064; IAC Master Scanner MSXP 10060 Nr.100971; reference standard: Setting ring gauge Ø20 640-DKD-K-14201-10-12; Parallel gauge block: 10mm 25994-DKD-K-17301-2010-12; 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 Co-operation 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, section 7.6.

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Erfüllungsort und Gerichtsstand ist Albstadt USt.-IdNr.: DE144835354

