



C A L I B R A T I O N C E R T I F I C A T E

Customer : 0155600
 Identification number : 120947
 Gauge application : Incoming inspection
 Standard of thread : Unified threads acc. ANSI/ASME B1.1a -B1.2
 Type of gauge : GO / NO GO screw plug gauge
 Thread designation : 5/8 - 11 UNC -3B
 Pitch : 2,3090 mm
 Method of measuring : Three-wire-method
 Gauging wire diameter : 1,3494 mm
 Second Gauging wire diameter : 1,3494 mm
 Measuring force : 10,0 N

Gauge nominal values:

	Go side	NO GO side
Major diameter (max) :	15,89020 mm	15,51430 mm
Major diameter (min) :	15,87500 mm	15,49910 mm
Effective diameter (max) :	14,38400 mm	14,51360 mm
Effektive diameter (min) :	14,37640 mm	14,50590 mm
Effective diameter-Wear limit:	14,37640 mm	14,50590 mm
Minor diameter-maximum value :	13,04550 mm	13,04550 mm

Measuring values of effective diameter- GO Side

Meas. plane No.	Meas. value No.	Effective diameter [mm]	Exceeding [µm]
1	1	14,38040	-

Measuring values of effective diameter- NO GO Side

Meas. plane No.	Meas. value No.	Effective diameter [mm]	Exceeding [µm]
1	1	14,51240	-

Valutation: Gauge in tolerances

Operator: *A. Götter* Inspection date: 22.01.2008
 (Salyaggio)

Uncertainty of meas.: U95 = 2.5 µm; Ref.temperat. [deg C°] : 20; Measuring machine: MAHR 828 Nr.19372,calibrated by Laser Interferometer, Inv.Nr.731 traceability to national standard PTB*; Setting ring gauge: Nr.93489 calib. document 97 DKD-K-05401 00-05 / 990451 98 DKD-K-05401 00-05 / 1467 157 DKD-K-05401 01-06; Parallel gauge block: Nr. 6936583 calib. document 107 DKD-K-05401 00-05 / 890759 DKD-K-05401 00-05; Thread pin gauges and ball anvil: traceability proofable.This inspection certificate conforms to the requirements of ISO 9000ff and associated standards.The inspections procedure was based on recognised German inspection specifications (VDI/VDE/DGQ/2618).*Physikalisch Technische Bundesanstalt (Federal Physical and Technical Institute)

