



CALIBRATION CERTIFICATE

Customer : 0155600
 Identification number : 138928
 Gauge application : Incoming inspection
 Standard of thread : ANSI/ASME B1.1/1.2
 Type of gauge : GO / NO GO screw plug gauge
 Thread designation : 1 - 8 UNC -3B
 Pitch : 3,1750 mm
 Method of measuring : Three-wire-method
 Gauging wire diameter : 1,6506 mm
 Second Gauging wire diameter : 1,6506 mm
 Measuring force : 10,0 N

Gauge nominal values:

	Go side	NO GO side
Major diameter (max)	25,41780 mm	24,87930 mm
Major diameter (min)	25,40000 mm	24,86150 mm
Effective diameter (max)	23,34770 mm	23,50520 mm
Effektive diameter (min)	23,33750 mm	23,49500 mm
Effective diameter-Wear limit:	23,33750 mm	23,49500 mm
Minor diameter-maximum value :	21,27530 mm	21,43280 mm

Measuring values of effective diameter- GO Side

Meas. plane No.	Meas. value No.	Effective diameter [mm]	Exceeding [µm]
1	1	23,34300	-

Measuring values of effective diameter- NO GO Side

Meas. plane No.	Meas. value No.	Effective diameter [mm]	Exceeding [µm]
1	1	23,50020	-

Valutation: Gauge in tolerances

Operator: *A. Salvaggio* Inspection date: 22.01.2008
 (Salvaggio)

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 / 00839F DKD-K-05401 02-04; 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)

