



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 : 133146
 Gauge application : Incoming inspection
 Standard of thread : Metrical threads according DIN ISO 1502 (DIN 13)
 Type of gauge : GO / NO GO screw plug gauge
 Thread designation : M 9x0.75-6G
 Pitch : 0,7500 mm
 Method of measuring : Three-wire-method
 Gauging wire diameter : 0,4557 mm
 Second Gauging wire diameter : 0,4557 mm
 Measuring force : 4,0 N

Gauge nominal values:

	Go side	NO GO side
Major diameter (max) :	9,04500 mm	8,83350 mm
Major diameter (min) :	9,02300 mm	8,81150 mm
Effective diameter (max) :	8,55250 mm	8,67800 mm
Effektive diameter (min) :	8,54150 mm	8,66700 mm
Effective diameter-Wear limit:	8,52950 mm	8,66100 mm
Minor diameter-maximum value :	8,10170 mm	8,10170 mm

Measuring values of effective diameter- GO Side

Meas. plane No.	Meas. value No.	Effective diameter [mm]	Exceeding [µm]
1	1	8,54690	-

Measuring values of effective diameter- NO GO Side

Meas. plane No.	Meas. value No.	Effective diameter [mm]	Exceeding [µm]
1	1	8,67280	-

Valutation: Gauge in tolerances

Operator: *i.A. ...* (Salvaggio) Inspection date: 09.01.2008

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)

