

Calibration Certificate

Customer **Sjöborg Maskin AB**

Checking character **First check**

Gauges Type **Screw plug gauge Go - NoGo Go 80 mm**

Testung Instructions **VDI/VDE/DGQ Richtlinien 2618 Part 4.8
DIN ISO 965 / DIN ISO 1502**

Measuring appliances relatet tu **-ABBE- measurement instrument vertical, Zeiss Jena
-ABBE- measurement instrument horizontal, Zeiss Jena
-ABBE-measurement instrument P01, Zeiss Jena
-parallell-gauge blocks Gen. 1./ Setting ring gauge**

Measure Temperature **20°**

Measurement Uncertainty **Erweitert (Erweiterungsfaktor: k=2)**

Article No. 19285716214
MIKRON TEC DIN EN ISO 9001 BSI Zertifikat Nr. FS 532309 / 9386D

Identity Number

Test result

M 16 - 6 H (2 Stg.) Gauge-for-Internal-Threads 1 -Flank pitch
- DIN ISO 965 / ISO 1502 -

Go (AO) = 0 µm	NoGo (AO+TD2) = 212 µm
Major Dia. = 16.016 +- 14 µm	Major Dia. = 15.320 +- 14 µm
Pitch Dia. = 14.701 + 16 +- 7 µm	Pitch Dia. = 14.913 + 7 +- 7 µm
Wires = 1.1000	Measurement Uncertainty Fl Ø U95 +- 2.54µm
Measurement over wires = 16.269	Measurement over wires = 16.481

Go Measuring over wires = 16.288/16.290

Go Pitch Dia.max = 14.724
Go Pitch Dia.min = 14.710
Wear out PD.Go = 14.696

Go Pitch Diameter = 14.720/14.722 mm

Gauge ok

Gauge No. 6214 | Name: Egermeier W. | Date 21-11-2019



Measurement
3 point
90° return

The traceability of measurement will be provided by the use of verified parallel gauge blocks D-K-17410-01-00 No.00880 and a setting ring gauge (D-K-15085-01-00). The measuring equipment will be checked periodically with these resources. At a checkup, the current measured datas which are beyond the tolerance, but within the measurement uncertainty, will be accepted as usable (DIN EN ISO 14253-1).

Signature _____