

Calibration Certificate

Customer: **Sjöborgs Maskin AB**

Checking character: **First check**

Gauges Type: **GO thread ring gauge**

Testing Instructions: **VDI/VDE/DGQ guidelines 2618 Part 4.9
EN ISO 286-1**

Measuring appliances related: **-universal length measuring instrument LMI 01-500 PC-EX
-parallel-gauge block Gen.1/ Setting ring gauge**

Measurement Temperature: **20°±1K**

Measurement Uncertainty: **extended (extended factor: k=2)**

Vision test: **OK**

Article No.
2010080800273
MIKRON TEC DIN EN ISO 9001 BSI Zertifikat Nr. FS532309

Identity Number

Test result: Testpiece is ok

Date: 29.06.2020
Operator: Sell

Designation: **M22x1-5g6g**
Spec.size: 21.3220 mm
Lower limit: 21.3150 mm
Upper limit: 21.3290 mm

Measurement: Pitch diameter measurement, internal, 2 probe arms
Diameter of meas. ball: 0.6000 mm
Setting gauge: 25.0000 mm / IdNo=09-008
Reference temperature: 20°C

Results in mm:

Position	Act.size	Standard dev.	Deviation	outside
0° 1	21.3252	-	0.0032	-
0° 2	21.3252	-	0.0032	-
90° 3	21.3268	-	0.0048	-
90° 4	21.3264	-	0.0044	-
1- 4	21.3260	-	0.0040	-

Maximum deviation: 0.0048 mm

The Testpiece is in tolerance

The traceability of measurement will be provided by the use of verified parallel gauge blocks D-K - 15024-01-0017-004269 and a setting ring gauge (D - K- 15056-01-00). 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: 