

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.
2110340400839
MIKRON TEC DIN EN ISO 9001 BSI Zertifikat Nr. FS532309

Identity Number

Date: 19.01.2021

Operator: Karmand

Designation: M84x1-6g

Spec.size: 83.3160 mm

Lower limit: 83.3070 mm

Upper limit: 83.3250 mm

Measurement: Pitch diameter measurement, internal, 2 probe arms

Diameter of meas. ball: 0.6000 mm

Setting gauge: 80.0010 mm / IdNo=09-010

Reference temperature: 20°C

Results in mm:

Position	Act.size	Standard dev.	Deviation	outside
0° 1	83.3188	-	0.0028	-
0° 2	83.3160	-	0.0000	-
90° 3	83.3213	-	0.0053	-
90° 4	83.3187	-	0.0027	-

1- 4	83.3187		0.0027	-

Maximum deviation: 0.0053 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: M. Karmand