

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.
2010191000518
MIKRON TEC DIN EN ISO 9001 BSI Zertifikat Nr. FS532309

Identity Number

Date: 22.09.2020
Operator: Karmand

Designation: M30x2-5g6g-LH

Spec.size: 28.6550 mm
Lower limit: 28.6460 mm
Upper limit: 28.6640 mm

Measurement: Pitch diameter measurement, internal, 2 probe arms
Diameter of meas. ball: 1.1000 mm
Setting gauge: 40.0000 mm / IdNo=09-009
Reference temperature: 20°C

Results in mm:

Position	Act.size	Standard dev.	Deviation	outside
0° 1	28.6519	-	-0.0031	-
0° 2	28.6518	-	-0.0032	-
90° 3	28.6514	-	-0.0036	-
90° 4	28.6510	-	-0.0040	-

1- 4	28.6516		-0.0034	-

Maximum deviation: -0.0040 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