

**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.
2110387800913
<b>MIKRON TEC</b> <b>DIN EN ISO 9001</b> <b>BSI</b> Zertifikat Nr. FS532309

**Identity Number**

Date: 10.02.2021  
 Operator: Karmand  
 Designation: M23x0,5-6g  
 Spec.size: 22.6530 mm  
 Lower limit: 22.6460 mm  
 Upper limit: 22.6600 mm  
 Measurement: Pitch diameter measurement, internal, 2 probe arms  
 Diameter of meas. ball: 0.3000 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	22.6487	-	-0.0043	-
0° 2	22.6484	-	-0.0046	-
90° 3	22.6507	-	-0.0023	-
90° 4	22.6504	-	-0.0026	-
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1- 4	22.6495		-0.0035	-

Maximum deviation: -0.0046 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