

Calibration Certificate

Customer: **Sjöborgs Maskin AB**
 Checking character: **First check**
 Gauges Type: **GO/ NO GO thread plug gauge**
 Testing Instructions: **VDI/VDE/DGQ guidelines 2618 Part 4.8
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.
2010203000554
MIKRON TEC DIN EN ISO 9001 BSI Zertifikat Nr. FS532309

Identity Number

Date: 05.10.2020
 Operator: Karmand
 Designation: EG M39x2-6H mod
 GO side: NO GO side:
 Spec.size: 40.3110 mm Spec.size: 40.4590 mm
 Lower limit: 40.3055 mm Lower limit: 40.4535 mm
 Upper limit: 40.3165 mm Upper limit: 40.4645 mm
 Measurement: Pitch diameter measurement, external - direct
 Diameter of measuring wires: 1.1550 mm

Results in mm:

GO side :

Position	Act.size	Standard dev.	Deviation	outside
0° 1	40.3081	-	-0.0029	-
0° 2	40.3071	-	-0.0039	-
90° 3	40.3072	-	-0.0038	-
90° 4	40.3084	-	-0.0026	-
1- 4	40.3077	-	-0.0033	-

Maximum deviation: -0.0039 mm

The Testpiece is in tolerance.

NO GO side :

Position	Act.size	Standard dev.	Deviation	outside
0° 1	40.4584	-	-0.0006	-
0° 2	40.4572	-	-0.0018	-
90° 3	40.4587	-	-0.0003	-
90° 4	40.4590	-	0.0000	-
1- 4	40.4583	-	-0.0007	-

Maximum deviation: -0.0018 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