Sjöborgs Maskin AB

Mått Johanssons Väg 16
SE-633 46 Eskilstuna

Co.No.: 00423

# Calibration certificate No.: JUZ-00532609

**Inspection date :** 28.02.2024

| | |
|---|---|
| **Identity number** | **: 124-0695** |
| **Gauge type** | **: NO GO thread ring gauge (solid)** |
| **Designation** | : G 1/4 A ( -0,03 ) |
| **Inspection procedure** | : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006 |
| **Inspection device and traceability** | : ConturoMatic TS-UD No. 8368 Certificate number: |
| **Measuring uncertainty U(95)** | : 3 µm + 10 · $10^{-6}$ · $l$ |
| **Ambient temperature** | : 20°C ± 1K |
| **Comments** | : as found = as left |
| **Valuation** | **: usable** |

| | | | |
|---|---|---|---|
| **Thread designation:** | **G 1/4 A ( -0,03 )** | | |
| **Thread standard:** | **ISO 228:2003** | | |
| 1./2. Flank angle: | 27,50° ± 16' / 27,50° ± 16' | | |
| Pitch: | 1,3370 mm ± 5,0 µm | Ganganzahl: | 1 |
| Best ball diameter: | 0,7537 mm | | |
| Constant of T-shaped probe: | 0,7537 mm | | |
| Measuring method: | Auswertung von Konturdaten | | |

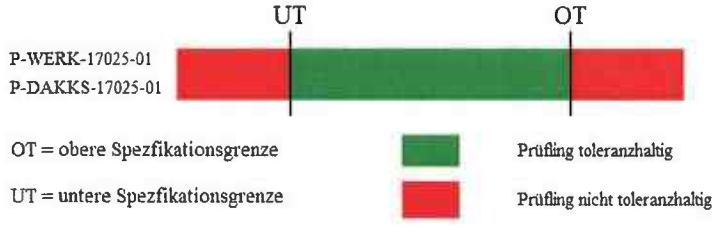
**Gauge nominal values**

| | |
|---|---|
| Major diameter (min): | 13,1370 mm |
| Effective diameter new (min): | 12,1300 mm |
| Effective diameter new (max): | 12,1460 mm |
| Effective diameter wear limit: | 12,1510 mm |
| Minor diameter (min): | 11,8550 mm |
| Minor diameter (max): | 11,8870 mm |

**Measuring values No Go side - Effective diameter**

| Messposition | Effective diameter mm | Tolerance graphic / Out of tolernce | Conformity |
|---|---|---|---|
| Section A-B / Front | 12,1318 | \|-x----------\| | IO |
| Section C-D / Middle | 12,1315 | \|-x----------\| | IO |

The measurement results are evaluated according to the decision rule:




Operator: Tilo Hunger

The valuation refers exclusively to the measured parameters / option. The user is responsible for adhering to an appropriate inspection period furthermore, the measured values correspond to the time of calibration. This calibration certificate is valid without a signature.

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