

Calibration certificate No.: JUZ-00532608

Inspection date : 28.02.2024

Identity number : 121-1659
Gauge type : 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) : $3 \mu\text{m} + 10 \cdot 10^{-6} \cdot l$
Ambient temperature : $20^{\circ}\text{C} \pm 1\text{K}$
Comments : as found = as left
Valuation : usable

Thread designation: G 1/4 A (-0,03)
Thread standard: ISO 228:2003
 1/2. Flank angle: $27,50^{\circ} \pm 13'$ / $27,50^{\circ} \pm 13'$
 Pitch: 1,3370 mm \pm 5,0 μm Ganganzahl: 1
 Best ball diameter: 0,7537 mm
 Constant of T-shaped probe: 0,7537 mm
 Measuring method: Auswertung von Konturdaten

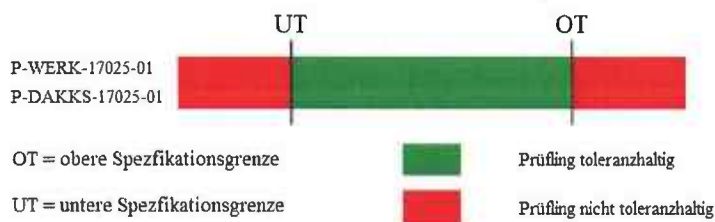
Gauge nominal values

Major diameter (min): 13,1270 mm
 Effective diameter new (min): 12,2610 mm
 Effective diameter new (max): 12,2770 mm
 Effective diameter wear limit: 12,2870 mm
 Minor diameter (min): 11,3990 mm
 Minor diameter (max): 11,4150 mm

Measuring values of Effective diameter GO side - Effective diameter

measuring position	Effective diameter mm	Tolerance graphic / Out of tolerance	Conformity
Section A-B / Front	12,2682	-----x-----	IO
Section C-D / Middle	12,2679	-----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.