

**Calibration certificate No.: JUZ-00534623**

**Inspection date :** 08.03.2024

**Identity number** : 123-1535  
**Gauge type** : GO thread ring gauge (solid)  
**Designation** : G 1/4 A (-0,04)  
**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 (-0,04)  
**Thread standard:** ISO 228:2003  
 1./2. Flank angle:  $27,50^{\circ} \pm 13'$  /  $27,50^{\circ} \pm 13'$   
 Pitch:  $1,3370 \text{ mm} \pm 5,0 \mu\text{m}$  Ganganzahl: 1  
 Best ball diameter: 0,7537 mm  
 Constant of T-shaped probe: 0,7537 mm  
 Measuring method: Auswertung von Konturdaten

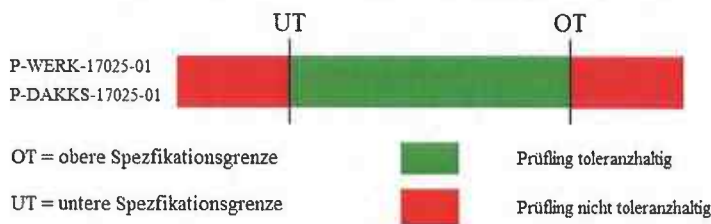
**Gauge nominal values**

Major diameter (min): 13,1170 mm  
 Effective diameter new (min): 12,2510 mm  
 Effective diameter new (max): 12,2670 mm  
 Effective diameter wear limit: 12,2770 mm  
 Minor diameter (min): 11,3890 mm  
 Minor diameter (max): 11,4050 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	12,2564	-----X-----	IO
Section C-D / Middle	12,2563	-----X-----	IO

The measurement results are evaluated according to the decision rule:



Operator: Daniel Peukert

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.