

**Calibration certificate No.: JUZ-00510137**

**Inspection date :** 06.11.2023

**Identity number** : 123-3321  
**Gauge type** : GO thread ring gauge (solid)  
**Designation** : 1/4 - 24 UNS -2A LH  
**Inspection procedure** : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006  
**Inspection device and traceability** : ULM 600 OPAL No. 101716 Certificate number: 8452 D-K-12037-01-00  
**Measuring uncertainty U(95)** :  $3 \mu\text{m} + 10 \cdot 10^{-6} \cdot l$   
**Reference temperature** :  $20^\circ\text{C} \pm 1\text{K}$   
**Comments** : as found = as left  
**Valuation** : usable

**Thread designation:** 1/4 - 24 UNS -2A LH  
**Thread standard:** ANSI/ASME B1.2 (ASME B1.1-2019)  
 1./2. Flank angle:  $30,00^\circ \pm 15'$  /  $30,00^\circ \pm 15'$   
 Pitch: 1,0580 mm  $\pm$  8,0  $\mu\text{m}$  Ganganzahl: 1  
 Best ball diameter: 0,6108 mm  
 Use ball diameter: 0,6239 mm  
 Measuring method: Drei-Kugel-Verfahren

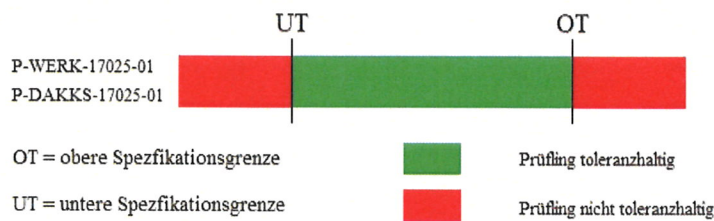
**Gauge nominal values**

Major diameter (min): 6,3221 mm  
 Effective diameter new (min): 5,6261 mm  
 Effective diameter new (max): 5,6337 mm  
 Minor diameter (min): 5,1638 mm  
 Minor diameter (max): 5,1765 mm

**Measuring values of Effective diamter GO side - Effective diameter**

measuring position	Effective diamter mm	Tolerance graphic / Out of tolernce	Conformity
Schnitt A-B / Ebene 1	5,6285	-----X-----	IO
Schnitt C-D / Ebene 2	5,6281	-----X-----	IO

The measurement results are evaluated according to the decision rule:



Operator: Gabi Müller

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.