

**Calibration certificate No.: JUZ-00554419****Inspection date :** 11.06.2024

**Identity number** : 124-2177  
**Gauge type** : GO thread ring gauge (solid)  
**Designation** : Tr 28x3 - 7e  
**Inspection procedure** : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006  
**Inspection device and traceability** : ULM 600 OPAL No. 101716 Certificate number: 006822 D-K-15048-01-00  
 T-Probe set No. Hanteltaster für DAkkS-Kalibrierung  
 T-Probe set No. Hanteltaster für Werkskalibrierung  
**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:** Tr 28x3 - 7e  
**Thread standard:** DIN 103:1977(1985)  
 1./2. Flank angle:  $15,00^{\circ} \pm 9'$  /  $15,00^{\circ} \pm 9'$   
 Pitch:  $3,0000 \text{ mm} \pm 5,0 \mu\text{m}$  Ganganzahl: 1  
 Best ball diameter: 1,5529 mm  
 Use ball diameter: 1,5520 mm  
 Constant of T-shaped probe: 5,7009 mm  
 Measuring method: Drei-Kugel-Verfahren

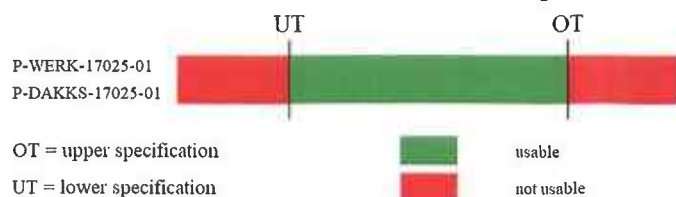
**Gauge nominal values**

Major diameter (min): 28,5000 mm  
 Effective diameter new (min): 26,3815 mm  
 Effective diameter new (max): 26,4145 mm  
 Effective diameter wear limit: 26,4350 mm  
 Minor diameter (min): 24,9835 mm  
 Minor diameter (max): 25,0165 mm

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

measuring position	Effective diameter mm	Tolerance graphic / Out of tolerance	Conformity
Front / Section $0^{\circ}$ - $180^{\circ}$	26,3976	-----x-----	IO
Middle / Section $0^{\circ}$ - $180^{\circ}$	26,3955	-----x-----	IO

The measurement results are evaluated according to the decision rule:



Operator: Janine Richter

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.