

**Calibration certificate No.: JUZ-00544379**

**Inspection date :** 19.04.2024

**Identity number** : 124-1495  
**Gauge type** : GO thread ring gauge (solid)  
**Designation** : W 27,2x1/18 mod  
**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:** W 27,2x1/18 mod  
**Thread standard:** BS 84:2007, BS 919-2:2007  
 1./2. Flank angle: 27,50° / 27,50°  
 Pitch: 1,4110 mm Ganganzahl: 1  
 Best ball diameter: 0,7954 mm  
 Constant of T-shaped probe: 0,7954 mm  
 Measuring method: Auswertung von Konturdaten

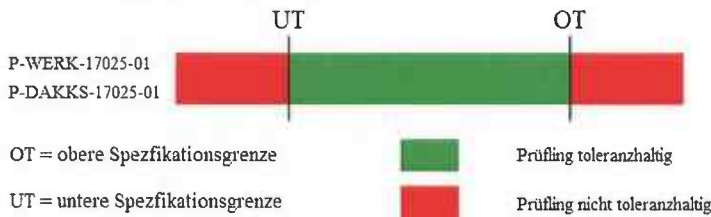
**Gauge nominal values**

Major diameter (min): 27,2000 mm  
 Effective diameter new (min): 26,2960 mm  
 Effective diameter new (max): 26,3160 mm  
 Minor diameter (min): 25,3940 mm  
 Minor diameter (max): 25,4120 mm

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

measuring position	Effective diameter mm	Tolerance graphic / Out of tolerance	Conformity
Front / Section 0°-180°	26,3012	---x-----	IO
Middle / Section 90° - 270°	26,2994	---x-----	IO

The measurement results are evaluated according to the decision rule:



Operator: Jörg Jurjanz

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.