

**Calibration certificate No.: JUZ-00537807**

**Inspection date :** 20.03.2024

**Identity number** : 123-1352  
**Gauge type** : GO thread ring gauge (solid)  
**Designation** : M 16 DIN 2510  
**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:** M 16 DIN 2510  
**Thread standard:** DIN 2510:1974  
 1./2. Flank angle:  $30,00^\circ \pm 10'$  /  $30,00^\circ \pm 10'$   
 Pitch: 2,0000 mm  $\pm$  5,0  $\mu\text{m}$  Ganganzahl: 1  
 Best ball diameter: 1,1547 mm  
 Constant of T-shaped probe: 1,1547 mm  
 Measuring method: Auswertung von Konturdaten

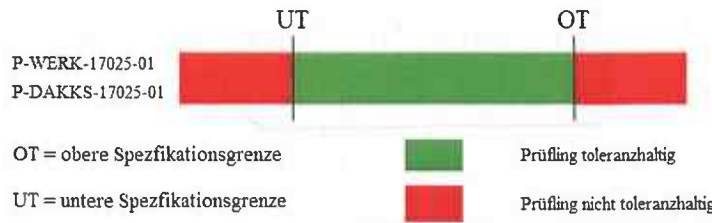
**Gauge nominal values**

Major diameter (min): 15,9780 mm  
 Effective diameter new (min): 14,5070 mm  
 Effective diameter new (max): 14,5250 mm  
 Effective diameter wear limit: 14,5370 mm  
 Minor diameter (min): 13,6487 mm  
 Minor diameter (max): 13,6667 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	14,5152	-----X-----	IO
Section C-D / Middle	14,5121	-----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.