

# Calibration certificate No.: JUZ-00515226

Inspection date : 28.11.2023

**Identity number** : 123-1039  
**Gauge type** : GO thread ring gauge (solid)  
**Designation** : M 6x0.75-7g6g  
**Inspection procedure** : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006  
**Inspection device and traceability** : ConturoMatic TS No. 8368 Certificate number:  
 Konturennormal CN181 No. 328 Certificate number: D-K-17059-02-00  
**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:** M 6x0.75-7g6g  
**Thread standard:** DIN ISO 1502:1996 (DIN ISO 965-1:2017)  
 1./2. Flank angle:  $30,00^\circ \pm 17' / 30,00^\circ \pm 17'$   
 Pitch: 0,7500 mm  $\pm$  5,0  $\mu\text{m}$  Ganganzahl: 1  
 Best ball diameter: 0,4330 mm  
 Constant of T-shaped probe: 0,4330 mm  
 Measuring method: Auswertung von Konturdaten

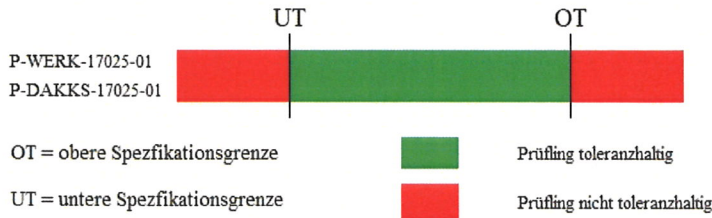
**Gauge nominal values**

Major diameter (min): 6,0410 mm  
 Effective diameter new (min): 5,4820 mm  
 Effective diameter new (max): 5,4960 mm  
 Effective diameter wear limit: 5,5050 mm  
 Minor diameter (min): 5,1590 mm  
 Minor diameter (max): 5,1730 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	5,4857	-----X-----	IO
Section C-D / Middle	5,4863	-----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.