

**Calibration certificate No.: JUZ-00530496**

**Inspection date :** 16.02.2024

**Identity number** : 118-0996  
**Gauge type** : NO GO thread ring gauge (solid)  
**Designation** : M 5x0.8-6f  
**Inspection procedure** : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006  
**Inspection device and traceability** : ConturoMatic TS-UD No. 8368  
**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 5x0.8-6f  
**Thread standard:** DIN ISO 1502:1996 (DIN ISO 965-1:2017)  
 1./2. Flank angle:  $30,00^\circ \pm 16'$  /  $30,00^\circ \pm 16'$   
 Pitch: 0,8000 mm  $\pm$  5,0  $\mu\text{m}$  Ganganzahl: 1  
 Best ball diameter: 0,4619 mm  
 Constant of T-shaped probe: 0,4619 mm  
 Measuring method: Auswertung von Konturdaten

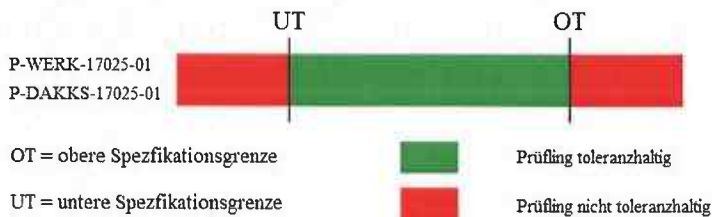
**Gauge nominal values**

Major diameter (min): 4,9710 mm  
 Effective diameter new (min): 4,3330 mm  
 Effective diameter new (max): 4,3470 mm  
 Effective diameter wear limit: 4,3520 mm  
 Minor diameter (min): 4,1660 mm  
 Minor diameter (max): 4,1940 mm

**Measuring values No Go side - Effective diameter**

Messposition	Effective diameter mm	Tolerance graphic / Out of tolerance	Conformity
Section A-B / Front	4,3364	---X-----	IO
Section C-D / Middle	4,3363	---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.