

Calibration certificate No.: JUZ-00529652

Inspection date : 14.02.2024

Identity number : 123-3143
Gauge type : 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 : 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: 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 μm Ganganzahl: 1
 Best ball diameter: 0,4619 mm
 Use ball diameter: 0,4540 mm
 Measuring method: Drei-Kugel-Verfahren

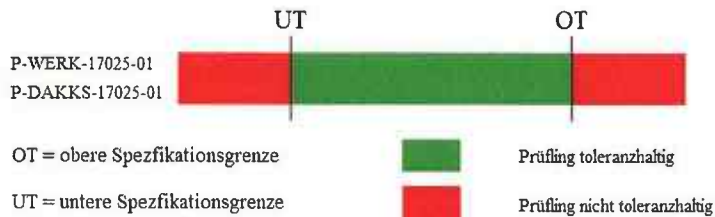
Gauge nominal values

Major diameter (min): 5,0290 mm
 Effective diameter new (min): 4,4330 mm
 Effective diameter new (max): 4,4470 mm
 Effective diameter wear limit: 4,4560 mm
 Minor diameter (min): 4,0890 mm
 Minor diameter (max): 4,1030 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	4,4337	x-----	IO
Section C-D / Middle	4,4334	x-----	IO

The measurement results are evaluated according to the decision rule:



Operator: Tilo Hunger

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.