

Calibration certificate No.: JUZ-00525775

Inspection date : 25.01.2024

Identity number : 124-0125
Gauge type : GO thread ring gauge (solid)
Designation : 0.535 - 40 UNS -2A DLC
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) : $3 \mu\text{m} + 10 \cdot 10^{-6} \cdot l$
Ambient temperature : $20^{\circ}\text{C} \pm 1\text{K}$
Comments : as found = as left
Valuation : usable

Thread designation: 0.535 - 40 UNS -2A DLC
Thread standard: ANSI/ASME B1.2 (ASME B1.1-2019)
 1./2. Flank angle: $30,00^{\circ} \pm 20'$ / $30,00^{\circ} \pm 20'$
 Pitch: $0,6350 \text{ mm} \pm 5,0 \mu\text{m}$ Ganganzahl: 1
 Best ball diameter: 0,3666 mm
 Constant of T-shaped probe: 0,3666 mm
 Measuring method: Auswertung von Konturdaten

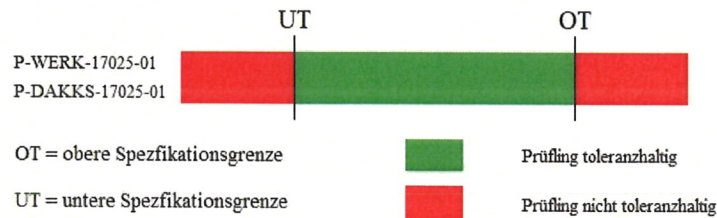
Gauge nominal values

Major diameter (min): 13,5636 mm
 Effective diameter new (min): 13,1470 mm
 Effective diameter new (max): 13,1521 mm
 Minor diameter (min): 12,8676 mm
 Minor diameter (max): 12,8778 mm

Measuring values of Effective diameter GO side - Effective diameter

measuring position	Effective diameter mm	Tolerance graphic / Out of tolernce	Conformity
Section A-B / Front	13,1489	-----X-----	IO
Section C-D / Middle	13,1503	-----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.