

Calibration certificate No.: JUZ-00578681

Inspection date : 18.10.2024

Identity number : 120-0111
Gauge type : GO thread ring gauge (solid)
Designation : 1.035 - 40 UNS -2A
Inspection procedure : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006
Inspection device and traceability : ConturoMatic TS-UD No. 8368 Certificate number: 22042713
Measuring uncertainty U(95) : 3 μm + 10 · 10⁻⁶ · l
Ambient temperature : 20°C ± 1K
Comments : as found = as left
Valuation : usable

Thread designation: 1.035 - 40 UNS -2A
Thread standard: ANSI/ASME B1.2 (ASME B1.1-2019)
 1./2. Flank angle: 30,00° ± 20' / 30,00° ± 20'
 Pitch: 0,6350 mm ± 5,0 μm Ganganzahl: 1
 Best ball diameter: 0,3666 mm
 Constant of T-shaped probe: 0,3666 mm
 Measuring method: Auswertung von Konturdaten

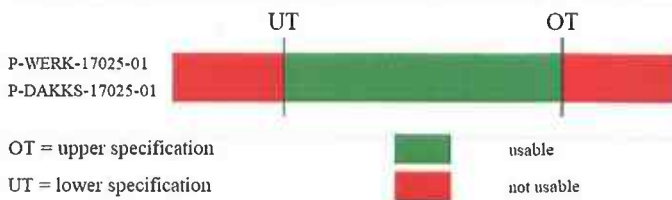
Gauge nominal values

Major diameter (min): 26,2611 mm
 Effective diameter new (min): 25,8445 mm
 Effective diameter new (max): 25,8496 mm
 Minor diameter (min): 25,5651 mm
 Minor diameter (max): 25,5753 mm

Measuring values of Effective diameter GO side - Effective diameter

measuring position	Effective diameter mm	Tolerance graphic / Out of tolernce	Conformity
Front / Section 0°-180°	25,8470	-----x-----	IO
Middle / Section 90° - 270°	25,8463	-----x-----	IO

The measurement results are evaluated according to the decision rule:



Operator: Janine Richter

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.