

Calibration certificate No.: JUZ-00567956

Inspection date : 22.08.2024

Identity number : 124-2932
Gauge type : GO thread ring gauge (solid)
Designation : 1 3/16 - 12 UN -2A
Inspection procedure : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006
Inspection device and traceability : ConturoMatic TS-UD No. 8368 Certificate number:
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: 1 3/16 - 12 UN -2A
Thread standard: ANSI/ASME B1.2 (ASME B1.1-2019)
 1./2. Flank angle: $30,00^\circ \pm 10'$ / $30,00^\circ \pm 10'$
 Pitch: 2,1170 mm \pm 8,0 μm Ganganzahl: 1
 Best ball diameter: 1,2223 mm
 Constant of T-shaped probe: 1,2223 mm
 Measuring method: Auswertung von Konturdaten

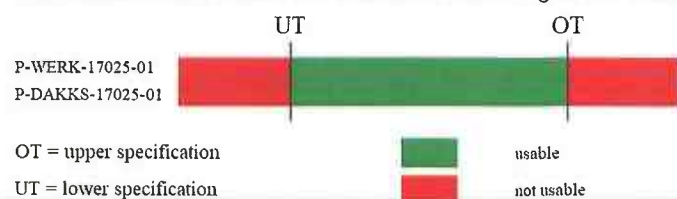
Gauge nominal values

Major diameter (min): 30,1193 mm
 Effective diameter new (min): 28,7376 mm
 Effective diameter new (max): 28,7452 mm
 Minor diameter (min): 27,8130 mm
 Minor diameter (max): 27,8282 mm

Measuring values of Effective diameter GO side - Effective diameter

measuring position	Effective diameter mm	Tolerance graphic / Out of tolerance	Conformity
Front / Section $0^\circ - 180^\circ$	28,7382	-x-----	IO
Middle / Section $90^\circ - 270^\circ$	28,7384	-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.