

Calibration certificate No.: JUZ-00575175

Inspection date : 26.09.2024

Identity number : 124-0692
Gauge type : NO GO thread ring gauge (solid)
Designation : G 1/4 A (-0,04)
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) : $3 \mu\text{m} + 10 \cdot 10^{-6} \cdot l$
Ambient temperature : 20°C ± 1K
Comments : as found = as left
Valuation : usable

Thread designation: G 1/4 A (-0,04)
Thread standard: ISO 228:2003
 1/2. Flank angle: 27,50° ± 16' / 27,50° ± 16'
 Pitch: 1,3370 mm ± 5,0 µm Ganganzahl: 1
 Best ball diameter: 0,7537 mm
 Constant of T-shaped probe: 0,7537 mm
 Measuring method: Auswertung von Konturdaten

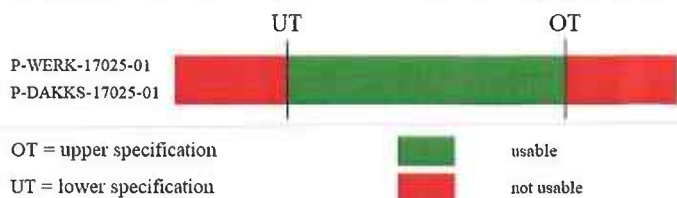
Gauge nominal values

Major diameter (min): 13,1270 mm
 Effective diameter new (min): 12,1200 mm
 Effective diameter new (max): 12,1360 mm
 Effective diameter wear limit: 12,1410 mm
 Minor diameter (min): 11,8450 mm
 Minor diameter (max): 11,8770 mm

Measuring values No Go side - Effective diameter

Messposition	Effective diameter mm	Tolerance graphic / Out of tolerance	Conformity
Front / Section 0°-180°	12,1297	-----X-----	IO
Middle / Section 90° - 270°	12,1288	-----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.