

Calibration certificate No.: JUZ-00412331

Inspection date: 2022.02.22

Identity number : 120-0529
Gauge type : GO thread ring gauge (solid)
Designation : 0.535 - 40 UNS -2A
Inspection procedure : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006
Inspection device and traceability : ConturoMatic TS No. 8368 Certificate number:
Tasterkalibriernormal No. 3000046
Measuring uncertainty U₍₉₅₎ : 3 µm + 10 · 10⁻⁶ · l
Reference temperature : 20°C ± 1K
Comments :
Valuation : usable

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 Thread starts: 1
best Palpation element diameter : 0,3666 mm
used Palpation element diameter : 0,3666 mm Constant of T-shaped probe: 0,3666 mm
Measuring method : Evaluation of contour data file

Gauge nominal values
External diameter (min) : 13,5636 mm
Effective diameter new (min) : 13,1470 mm
Effective diameter new (max) : 13,1521 mm
Effective diameter - Wear limit : mm
Minor diameter (min) : 12,8676 mm
Minor diameter (max) : 12,8778 mm

**Measuring values for GO side
- Effective diameter**

Measuring plane	Measuring pos. [1±0° 2±90°]	Measuring value [mm]	Effective diameter [mm]	Tol. graphic / Out of Tol. [µm]
1	1	13,1496	13,1496	-----x-----
2	1	13,1510	13,1510	-----x-----

Operator: Hunger

The valuation refers only to the measured parameters / option. Results of measurement outside of the permissible, however within the limit values extended by the Measuring uncertainty are not rejected and judged as usable (DIN EN ISO 14253-1). The user is solely responsible for the adherence to an appropriate inspection interval.
This calibration certificate was made by electronic data processing and is legal without signature.