

Calibration certificate No.: JUZ-00412329

Inspection date: 2022.02.22

Identity number : 120-0553
Gauge type : NO 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 : Konturennormal CN181 No. 328 Certificate number: D-K-17059-02-00
 ConturoMatic TS-X No. 11527 Certificate number: 18071875
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) : 13,0708 mm
 Effective diameter new (max) : 13,0759 mm
 Effective diameter - Wear limit : mm
 Minor diameter (min) : 12,9337 mm
 Minor diameter (max) : 12,9439 mm

Measuring values for NO 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	13,0717	13,0717	---x-----
2	1	13,0722	13,0722	---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.