

Calibration certificate No.: JUZ-00430664

Inspection date: 2022.06.21

Identity number : 122-1175
Gauge type : GO thread ring gauge (solid)
Designation : UNS 1.035-40 2A with DLC coating
Inspection procedure : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006
Inspection device and traceability : ConturoMatic TS No. 8368
 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 Constant of T-shaped probe: 0,3666 mm
used Palpation element diameter : 0,3666 mm
Measuring method : Evaluation of contour data file

Gauge nominal values
External diameter (min) : 26,2611 mm
Effective diameter new (min) : 25,8445 mm
Effective diameter new (max) : 25,8496 mm
Effective diameter - Wear limit : mm
Minor diameter (min) : 25,5651 mm
Minor diameter (max) : 25,5753 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	25,8469	25,8469	-----x-----
2	1	25,8474	25,8474	-----x-----

Operator: Miranda

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.