

Calibration certificate No.: JUZ-00418466

Inspection date: 2022.06.21

Identity number : 117-1853
Gauge type : NO GO thread ring gauge (solid)
Designation : 1.035 - 40 UNS -2A
Inspection procedure : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006
Inspection device and traceability : ConturoMatic TS No. 8368
 Tasterkalibriernormal No. 3000046
Measuring uncertainty $U_{(95)}$: $3 \mu\text{m} + 10 \cdot 10^{-6} \cdot l$
Reference temperature : $20^{\circ}\text{C} \pm 1\text{K}$
Comments :
Valuation : usable

Thread standard : ANSI/ASME B1.2 (ASME B1.1-2019)
 1./2. Flank angle : $30,00^{\circ} \pm 20'$ / $30,00^{\circ} \pm 20'$
 Pitch : $0,6350 \text{ mm} \pm 5,0 \mu\text{m}$ 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) : 26,2611 mm
 Effective diameter new (min) : 25,7607 mm
 Effective diameter new (max) : 25,7658 mm
 Effective diameter - Wear limit : mm
 Minor diameter (min) : 25,6235 mm
 Minor diameter (max) : 25,6337 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	25,7614	25,7614	--x-----
2	1	25,7612	25,7612	--x-----

Operator: Miranda