

Calibration certificate No.: JUZ-00423560

Inspection date: 2022.05.05

Identity number : 121-3893
Gauge type : GO thread ring gauge (solid)
Designation : M 8 in Anlehnung an DIN2510
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 $U_{(95)}$: $3 \mu\text{m} + 10 \cdot 10^{-6} \cdot l$
Reference temperature : $20^{\circ}\text{C} \pm 1\text{K}$
Comments :
Valuation : usable

Thread standard : DIN 2510:1974
 1./2. Flank angle : $30,00^{\circ} \pm 13'$ / $30,00^{\circ} \pm 13'$
 Pitch : $1,2500 \text{ mm} \pm 5,0 \mu\text{m}$ Thread starts: 1
 best Palpation element diameter : 0,7217 mm
 used Palpation element diameter : 0,7217 mm Constant of T-shaped probe: 0,7217 mm
 Measuring method : Evaluation of contour data file

Gauge nominal values
 External diameter (min) : 7,9420 mm
 Effective diameter new (min) : 7,0220 mm
 Effective diameter new (max) : 7,0360 mm
 Effective diameter - Wear limit : 7,1740 mm
 Minor diameter (min) : 6,4830 mm
 Minor diameter (max) : 6,4970 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	7,0292	7,0292	-----x-----
2	1	7,0285	7,0285	-----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.