

Calibration certificate No.: JUZ-00413124

Inspection date: 2022.02.25

Identity number : 121-0301
Gauge type : GO thread ring gauge (solid)
Designation : MJ 12x1.25-4g6g
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 ISO 5855:2009 (ISO 5855:1999)
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
Effective diameter new (min) : 11,1510 mm
Effective diameter new (max) : 11,1650 mm
Effective diameter - Wear limit : 11,1740 mm
Minor diameter (min) : 10,7470 mm
Minor diameter (max) : 10,7610 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	11,1582	11,1582	-----x-----
2	1	11,1572	11,1572	-----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.