

Calibration certificate No.: JUZ-00414100

Inspection date: 2022.03.03

Identity number : 116-01727
Gauge type : GO thread ring gauge (solid)
Designation : M 24 DIN 2510
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 : DIN 2510:1974
 1./2. Flank angle : 30,00° ± 9' / 30,00° ± 9'
 Pitch : 3,0000 mm ± 5,0 µm
 best Palpation element diameter : 1,7321 mm
 used Palpation element diameter : 1,7321 mm
 Measuring method : Evaluation of contour data file

Thread starts: 1
 Constant of T-shaped probe: 1,7321 mm

Gauge nominal values
 External diameter (min) : 24,0150 mm
 Effective diameter new (min) : 21,8220 mm
 Effective diameter new (max) : 21,8400 mm
 Effective diameter - Wear limit : 21,8520 mm
 Minor diameter (min) : 20,5310 mm
 Minor diameter (max) : 20,5490 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	21,8257	21,8257	---x-----
2	1	21,8257	21,8257	---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.