

Sjöborgs Maskin AB

Mått Johanssons Väg 16
SE-633 46 Eskilstuna

Co.No.: 00423

Inspection date : 06.08.2024

Calibration certificate No.: JUZ-00564660

Identity number : 122-1420
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-UD No. 8368 Certificate number:
Measuring uncertainty U(95) : $3 \mu\text{m} + 10 \cdot 10^{-6} \cdot l$
Ambient temperature : $20^\circ\text{C} \pm 1\text{K}$
Comments : as found = as left
Valuation : usable

Thread designation: M 8 in Anlehnung an DIN2510
Thread standard: in Anlehnung an DIN2510
1./2. Flank angle: $30,00^\circ \pm 13' / 30,00^\circ \pm 13'$
Pitch: 1,2500 mm \pm 5,0 μm Ganganzahl: 1
Best ball diameter: 0,7217 mm
Constant of T-shaped probe: 0,7217 mm
Measuring method: Auswertung von Konturdaten

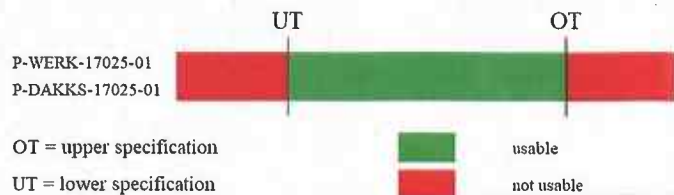
Gauge nominal values

Major diameter (min): 7,9420 mm
Effective diameter new (min): 7,0220 mm
Effective diameter new (max): 7,0360 mm
Minor diameter (min): 6,4830 mm
Minor diameter (max): 6,4970 mm

Measuring values of Effective diameter GO side - Effective diameter

measuring position	Effective diameter mm	Tolerance graphic / Out of tolerance	Conformity
Front / Section 0° - 180°	7,0275	-----x-----	IO
Middle / Section 90° - 270°	7,0255	---x-----	IO

The measurement results are evaluated according to the decision rule:



Operator: Daniel Peukert

The valuation refers exclusively to the measured parameters / option. The user is responsible for adhering to an appropriate inspection period furthermore, the measured values correspond to the time of calibration. This calibration certificate is valid without a signature.