Sjöborgs Maskin AB

Mått Johanssons Väg 16
SE-633 46 Eskilstuna

Co.No.: 00423

Calibration certificate No.: JUZ-00518636

Inspection date : 14.12.2023

Identity number	**: 123-2236**
Gauge type	**: GO thread ring gauge (solid)**
Designation	: M 12 DIN 2510
Inspection procedure	: VDI/VDE/DGQ 2618, Blatt 4.9, April 2006
Inspection device and traceability	: ConturoMatic TS No. 8368 Certificate number: Konturennormal CN181 No. 328 Certificate number: D-K-17059-02-00
Measuring uncertainty U(95)	: 3 µm + 10 · 10^{-6} · *l*
Reference temperature	: 20°C ± 1K
Comments	: as found = as left
Valuation	**: usable**

Thread designation:	**M 12 DIN 2510**		
Thread standard:	**DIN 2510:1974**		
1./2. Flank angle:	30,00° ± 11' / 30,00° ± 11'		
Pitch:	1,7500 mm ± 5,0 µm	Ganganzahl:	1
Best ball diameter:	1,0104 mm		
Constant of T-shaped probe:	1,0104 mm		
Measuring method:	Auswertung von Konturdaten		

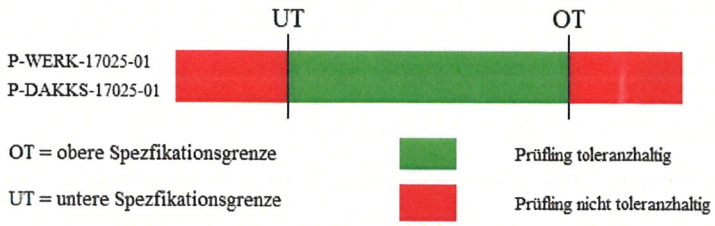
Gauge nominal values

Major diameter (min):	11,9600 mm
Effective diameter new (min):	10,6690 mm
Effective diameter new (max):	10,6870 mm
Effective diameter wear limit:	10,6990 mm
Minor diameter (min):	9,9196 mm
Minor diameter (max):	9,9376 mm

Measuring values of Effective diamter GO side - Effective diameter

measuring position	Effective diamter mm	Tolerance graphic / Out of tolernce	Conformity
Section A-B / Front	10,6789	|----------x--------|	IO
Section C-D / Middle	10,6791	|----------x--------|	IO

The measurement results are evaluated according to the decision rule:



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