Sjöborgs Maskin AB

Mått Johanssons Väg 16
SE-633 46 Eskilstuna

Co.No.: 00423

Calibration certificate No.: JUZ-00532650

Inspection date : 28.02.2024

Identity number	**: 124-0854**
Gauge type	**: GO thread ring gauge (solid)**
Designation	: W 27,2x1/18 mod.
Inspection procedure	: VDI/VDE/DGQ 2618, Blatt 4.9, April 2006
Inspection device and traceability	: ConturoMatic TS-UD No. 8368
Measuring uncertainty U(95)	: 3 µm + 10 · 10^{-6} · *l*
Ambient temperature	: 20°C ± 1K
Comments	: as found = as left
Valuation	**: usable**

Thread designation:	**W 27,2x1/18 mod.**		
Thread standard:	**BS 84:2007, BS 919-2:2007**		
1./2. Flank angle:	27,50° / 27,50°		
Pitch:	1,4110 mm	Ganganzahl:	1
Best ball diameter:	0,7954 mm		
Constant of T-shaped probe:	0,7954 mm		
Measuring method:	Auswertung von Konturdaten		

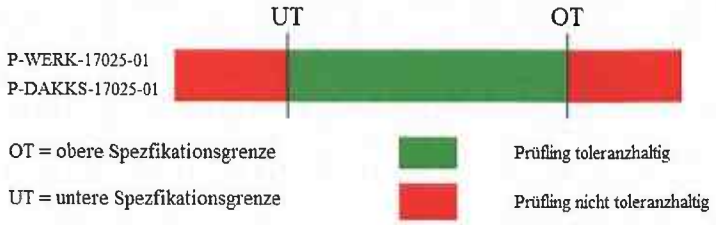
Gauge nominal values

Major diameter (min):	27,2009 mm
Effective diameter new (min):	26,2960 mm
Effective diameter new (max):	26,3160 mm
Minor diameter (min):	25,3940 mm
Minor diameter (max):	25,4120 mm

Measuring values of Effective diameter GO side - Effective diameter

measuring position	Effective diameter mm	Tolerance graphic / Out of tolernce	Conformity
Section A-B / Front	26,2995	|---x----------|	IO
Section C-D / Middle	26,2994	|--x----------|	IO

The measurement results are evaluated according to the decision rule:



Operator: Gabi Müller

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.

JURJANZ GmbH & Co. KG
Käthe-Kollwitz-Str. 1
04435 Schkeuditz

Tel.: + 49 (034204) 704547
Fax +49 (034204) 704546
E-Mail juz@jurjanz.de