Calibration certificate No.: JUZ-00470767

Inspection date: 2023.05.05

Identity number	:	**123-0619**
Gauge type	:	**NO GO thread ring gauge (solid)**
Designation	:	Tr 14x4 - 7e
Inspection procedure	:	VDI/VDE/DGQ 2618, Blatt 4.9, April 2006
Inspection device and traceability	:	ULM 600 OPAL No. 101716 Certificate number: 8452 D-K-12037-01-00 ULM 01-600 No. 02600 Certificate number: 8451 D-K-12037-01-00
Measuring uncertainty $U_{(95)}$	:	$3\ \mu m + 10 \cdot 10^{-6} \cdot l$
Reference temperature	:	20°C ± 1K
Comments	:	
Valuation	:	**usable**

Thread standard	:	DIN 103:1977(1985)		
1./2. Flank angle	:	15,00° ± 11' / 15,00° ± 11'		
Pitch	:	4,0000 mm ± 5,0 µm	Thread starts:	1
best Palpation element diameter	:	2,0705 mm		
used Palpation element diameter	:	2,0694 mm	Constant of T-shaped probe:	0,0000 mm
Measuring method	:	"Three balls" method (using T-probe)		

Gauge nominal values

External diameter (min)	:	14,5000 mm
Effective diameter new (min)	:	11,6070 mm
Effective diameter new (max)	:	11,6400 mm
Effective diameter - Wear limit	:	11,6515 mm
Minor diameter (min)	:	10,7905 mm
Minor diameter (max)	:	10,8565 mm

Measuring values for NO 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	11,0379	11,6166	|-----x----------|
2	1	11,0367	11,6154	|----x----------|

Operator: Jens Bahn

The valutation 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.