

**Calibration certificate No.: JUZ-00423353**

**Inspection date:** 2022.05.04

**Identity number** : 120-3180  
**Gauge type** : NO GO thread ring gauge (solid)  
**Designation** : M 16 DIN 2510  
**Inspection procedure** : VDI/VDE/DGQ 2618, Blatt 4.9, April 2006  
**Inspection device and traceability** : ConturoMatic TS No. 8368 Certificate number:  
 Tasterkalibriernormal No. 3000046  
**Measuring uncertainty**  $U_{(95)}$  :  $3 \mu\text{m} + 10 \cdot 10^{-6} \cdot l$   
**Reference temperature** :  $20^{\circ}\text{C} \pm 1\text{K}$   
**Comments** :  
**Valuation** : usable

Thread standard : DIN 2510:1974  
 1./2. Flank angle :  $30,00^{\circ} \pm 14'$  /  $30,00^{\circ} \pm 14'$   
 Pitch :  $2,0000 \text{ mm} \pm 5,0 \mu\text{m}$  Thread starts: 1  
 best Palpation element diameter : 1,1547 mm  
 used Palpation element diameter : 1,1547 mm Constant of T-shaped probe: 1,1547 mm  
 Measuring method : Evaluation of contour data file

**Gauge nominal values**  
 External diameter (min) : 15,8340 mm  
 Effective diameter new (min) : 14,3460 mm  
 Effective diameter new (max) : 14,3640 mm  
 Effective diameter - Wear limit : 14,3700 mm  
 Minor diameter (min) : 13,9370 mm  
 Minor diameter (max) : 13,9730 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	14,3489	14,3489	--x-----
2	1	14,3484	14,3484	--x-----

Operator: Miranda

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.