



Johs. Boss GmbH & Co. KG  
Johannes-Boss-Str. 9  
72461 Albstadt, Germany  
Tel. +49 7432 90 87-0  
Fax +49 7432 90 87-60  
contact@johs-boss.de  
www.johs-boss.de

## CALIBRATION CERTIFICATE

**Customer** : 0155600  
**Identification number** : 178774001  
**Gauge application** : Incoming inspection  
**Standard of thread** : Whitworth threads acc. to BS 84:2007, BS 919-2:2007  
**Type of gauge** : GO thread ring gauge (solid)  
**Thread designation** : BSW 5/8-11(med.)  
**Pitch** : 2,3090 mm  
**Measuring method** : Measure with IAC Master Scanner  
**Measurement traceability** : IAC XLP-C 300 Nr.579  
**Measurement traceability** : Set of setting rings ID 01-04150

### Gauge nominal values

Major diameter min. : 15,8318 mm  
Pitch diameter max. : 14,3535 mm  
Pitch diameter min. : 14,3332 mm  
Minor diameter max. : 12,8753 mm  
Minor diameter min. : 12,8575 mm

### Measuring values Pitch diameter

Plane	Axial section	PitchØ [mm]	Out of tolerance [µm]
2	0 Degree	14,3424	-

**Valuation: usable**

Operator:  Date: 13.09.2021  
(Sahan-Bitzer)

**Uncertainty of measurement:**  $U = 2.5 \mu\text{m} + 10 \cdot 10^{-6} \cdot d$ . The uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor  $k = 2$ . They were established according to DAkkS-DKD-3. The value of the measured variable is within the assigned value range with 95 % probability.

**Ref.temp:** (20 ± 1) °C. **Inspection requirement:** The inspections procedure was based on recognised German inspection specifications (VDI/VDE/DGQ/2618). The measuring equipment and standards used are compared regularly with reference standards calibrated by a calibration service accredited by the European Cooperation for Accreditation (EA) and therefore traceable to the national standards of the PTB. Hence the inspection certificate complies with the traceability requirements of DIN EN ISO 9006.

Johs. Boss GmbH & Co. KG, Sitz Albstadt, Amtsgericht Stuttgart HRB 400290,  
vertreten durch die persönlich haftenden Gesellschafter:  
1. Rich. Boss Verwaltungs-GmbH (Amtsgericht Stuttgart HRB 400133),  
diese vertreten durch ihre Geschäftsführer Heinz Boss und Melanie Boss  
2. Renate Boss

Onsnettinger Bank IBAN: DE55 6536 1989 0000 1180 01  
Deutsche Bank IBAN: DE08 6537 0075 0012 4404 00  
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BIC: GENODES1ONS  
BIC: DEUTDESS653  
BIC: SOLADES1BAL  
BIC: PBNKDEFF600

