

DECLARATION of PERFORMANCE

according to Annex III of the regulation (EU) No. 305/2011 (construction product regulation)

TOB_DoP_0004 – Art. 4590 & 4890 TOB-HBS Panhead_EN

1. Unique identification code of the product type: **TOB-HBS screws with pan head**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **ART. 4590 and 4890 – lot number are displayed on the packaging**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Generic type:	TOB-HBS screws with pan head, partial- and full thread Self-tapping screws for use in timber construction
For use in:	Timber structures
Load:	Static or quasi-static load
Material:	Stainless steel A2 1.4301, 1.4567 (see label A2) Stainless steel A4 1.4401 (see label A4) Stainless steel A5 1.4571 (see label A5) Stainless steel A8 1.4529 (see label A8)
Covered sizes:	ø 3,0 mm 3,2 mm 3,5 mm 4,0 mm 4,5 mm 5,0 mm 6,0 mm 8,0 mm 10,0 mm

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **TOBSTEEL GmbH
Rudolf-Diesel-Str. 8
74613 Öhringen
Germany**

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): **-**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

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8. In case of the declaration of performance concerning a construction product for which an European Technical Assessment has been issued:

Deutsches Institut für Bautechnik

has published: ETA-13/0816 of October 18, 2023
 in accordance to: EAD 130118-01-0603

Notified body: **HFB Engineering GmbH**
 Notified body 1034

9. Declared performance

Essential characteristics	Performance	Technical specification
Dimension	ETA-13/0816 Annex 4.1/4.2	EAD No. 130118-00-0603
Characteristic yield moment $M_{y,k}$	ETA-13/0816 Annex 2	EAD No. 130118-00-0603
Characteristic tensile strength $f_{tens,k}$	ETA-13/0816 Annex 2	EAD No. 130118-00-0603
Characteristic torsional strength $f_{tor,k}$	ETA-13/0816 Annex 2	EAD No. 130118-00-0603
Bending angle	ETA-13/0816 Annex 2.1	EAD No. 130118-00-0603
Characteristic withdrawal parameter $f_{ax,90,k}$	ETA-13/0816 Annex 2.3.1	EAD No. 130118-00-0603
Characteristic value of the head pull-through parameter $f_{head,k}$	ETA-13/0816 Annex 2.3.2	EAD No. 130118-00-0603
Characteristic value of the torsional ratio $f_{tor,k} / R_{tor,mean} \geq 1,5$	ETA-13/0816 Annex 2.5	EAD No. 130118-00-0603

10. The performance of the product according to paragraph No. 1 and 2 corresponds to the declared performance in No. 9. Responsible for creating this product performance is only the manufacturer according to No. 4.

Signed for and on behalf of the manufacturer by:

Öhringen, 2024-04-18



Julian Rauscher
 Head of Product and Quality Management