

DECLARATION of PERFORMANCE

according to Annex III of the regulation (EU) Nr. 305/2011 (construction product regulation)

TOB_DoP_11_EN_130816_HBS 4690-4990 Liko 90°

- 1.) Unique identification code of the product-type:
TOB-HBS screws with double raised countersunk head 90°
- 2.) Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
Art. 4690 and 4990 - 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	<i>TOB-HBS screws with double raised countersunk head 90°, partial- and full thread Self-tapping screws for use in timber construction</i>
For use in	<i>Timber structures</i>
Loading	<i>Static or quasi-static loading</i>
Material	<i>Stainless steel - A2 = 1.4301, 1.4567 A4 = 1.4401 see label A2/A4</i>
Covered sizes	<i>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</i>

- 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) :
Not applicable
- 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:
Not applicable
- 8.) In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
Not applicable
- 9.) Declared performance:

Essential characteristics	Performance		Basis to issue the ETA
Dimension	ETA-13/0816	<i>annex 4.1 / 4.2</i>	EAD No. 130118-00-0603
Characteristic yield moment	ETA-13/0816	<i>annex 2</i>	
Characteristic withdrawal parameter	ETA-13/0816	<i>annex 2</i>	
Characteristic head pull-through parameter	ETA-13/0816	<i>annex 2</i>	
Characteristic tensile strength	ETA-13/0816	<i>annex 2</i>	
Characteristic yield strength	ETA-13/0816	-	
Characteristic torsional strength	ETA-13/0816	<i>annex 2</i>	
Insertion moment	ETA-13/0816	<i>annex 2</i>	
End and edge distance of the screw, thickness	ETA-13/0816	<i>annex 2</i>	
Slip modulus for mainly axially loaded screws	ETA-13/0816	<i>annex 2</i>	

10.) The performance of the product according to paragraph Nr 1 and 2 corresponds to the declared performance in Nr.9. Responsible for creating this product performance is only the manufacturer according to Nr. 4.

Signed for and on behalf of the manufacturer by:

Ralf Schmidt
Leader product management



signature

Öhringen, 04.08.2017