



Strojirenský zkušební ústav, s.p. (SZU)
Engineering Test Institute, Public Enterprise
Hudcova 424/56b, 621 00 Brno, Czech Republic

CERTIFICATE

Number: **E-30-20814-13**

Manufacturer: GBO Fastening Systems Sp. z.o.o.
Aleja Jana Pawła II 1
81 345 Gdynia, Poland

Product, Type/Model/Specification: Wood construction screws TOP GT ø 10,0 mm
- double countersunk head and washer head
- torx recess, partial thread
- material: C-10B21
- length: (160 to 400) mm
- coating type 1

Determination of the product-type on the basis of type testing: see Annex 1 (page 2 of certificate)

Basis of Certificate issuance: Report - Determination of the product-type on the basis of type testing 30-9977/2 of 2013-10-17

Harmonized standard: EN 14592:2008+A1:2012, Tab. ZA.1

Strojirenský zkušební ústav, s.p., (Engineering Test Institute, Public Enterprise) hereby confirms that it has carried out determination of the product-type on the basis of type testing in accordance with Art. 1.4 System 3 Annex V of the Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (Construction Products Regulation - CPR) and has determined performance of essential characteristics of the product.

This Certificate is not a substitute for relevant document issued by Notified Body.

Brno, 2013-10-18




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Ing. Pavel Štícha
Director for Certification

E-30-20814-13.docx; Page 1 / Total pages 2





Certificate E-30-20814-13, Annex 1

Determination of the product-type on the basis of type testing

Product	characteristic yield moment $M_{y,k}$ [Nmm]		characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²]		characteristic head pull-through parameter $f_{head,k}$ [N/mm ²]	characteristic tensile capacity $f_{tens,k}$ [kN]	characteristic torsional ratio
	thread section	smooth section	loading across the fibre	loading along the fibre	-	-	-
wood construction screws Ø 10,0 mm	61 022	100170	14,29	9,49	18,86 ^{csk} 23,81 ^{washer}	35,72	3,93
Characteristic density of wood ρ_k [kg/m ³]	-		450		450	-	450
Durability (i.e. corrosion protection)	yellow zinc plated – min. 3 µm (Service Class 1 acc. to EN 1995-1-1)						

Intended use: for structural timber products

