



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

CERTIFICATE

Number: **E-30-20676-13**

Manufacturer: Hašpl a.s.
Ke Koupališti 172
549 32 Velké Poříčí, Czech Republic

**Product,
Type/Model/Specification:** Structural screws \varnothing 6,0 mm
- type of head: CSK or Washer
- type of thread: full or partial
- type of recess: Torx
- material: carbon steel 10B21
- coating type 1
- length: (60 to 200) mm

**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 30-9963/1 of 2013-09-25

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

Strojírenský 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, 2013-09-26




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Ing. Pavel Šticha
Director for Certification

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Certificate E-30-20676-13, 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	-	-	-
Structural screws ø 6,0 mm	11969	18540	16,57	10,98	23,03 ^{CSK} 34,96 ^{Washer}	12,19	3,62
Characteristic density of wood ρ_k [kg/m ³]	-		450		450	-	450
Durability (i.e. corrosion protection)	zinc plated (Service Class 1 acc. to EN 1995-1-1)						

Intended use: for structural timber products

