



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

CERTIFICATE

Number: **E-30-20677-13**

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

Product, Type/Model/Specification: Structural screws \varnothing 8,0 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: (80 to 400) 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 30-9963/2 of 2013-09-25

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, 2013-09-26




Ing. Pavel Šticha
Director for Certification



Certificate E-30-20677-13, 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 \varnothing 8,0 mm	27835	44406	16,94	10,35	22,16 ^{CSK} 25,12 ^{Washer}	24,32	4,41
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

