



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

CERTIFICATE

Number: **E-30-20840-13**

Manufacturer: JCY Masterpiece Hardware Industrial Co., Ltd.
No. 30, Moudan Ln., Sec 2 Luhe Rd, Lugang Township
Changhua County 50545, Taiwan

Product,
Type/Model/Specification: Chipboard/Wood screws, Special wood screws \varnothing 6.0 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 30-9968/3 of 2013-10-21

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, 2013-10-22




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Ing. Pavel Šticha
Director for Certification

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Certificate E-30-20840-13, Annex 1

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

Chipboard/Wood screws \varnothing 6.0 mm

- head type: countersunk or pan
- four nibs/ribs under head or without nibs/ribs
- recess type: pozidrive or Torx
- length: (36 to 240) mm

Special wood screws \varnothing 6.0 mm

- head type: countersunk
- four nibs/ribs under head or without nibs/ribs
- recess type: pozidrive, Torx, square/Philips, Phillips, slotted or square
- length: (24 to 650) mm

Material: hardened carbon steel SAE1022

Thread type: CSWS/SWS

Coating type 1

Intended use: for structural timber products

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 part	smooth part	loading across the fibre	loading along the fibre	CSK	Pan	-	-
screws \varnothing 6.0 mm	10032	13451	18,62 17,49 ¹⁾	15,95 13,64 ¹⁾	25,39	36,89	9,87	2,29
Characteristic density of wood ρ_k [kg/m ³]	-		405 470 ¹⁾		445		-	450
Durability (i.e. corrosion protection)	(yellow) zinc plated - min. 3 μ m (Service Class 1 acc. to EN 1995-1-1)							

¹⁾ thread type CSWS/SWS

