



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

CERTIFICATE

Number: **E-30-20839-13**

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 and Wood screws \varnothing 3.5 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 30-9968/2 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




Ing. Pavel Šticha
Director for Certification

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Certificate E-30-20839-13, Annex 1

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

Chipboard screws \varnothing 3.5 mm

- head type: countersunk
- four nibs/ribs under head or without nibs/ribs
- recess type: pozidrive or Torx
- length: (25 to 40) mm

Wood screws \varnothing 3.5 mm

- head type: countersunk
- four nibs/ribs under head or without nibs/ribs
- recess type: pozidrive, Torx, square/Phillips, Phillips, slotted or square
- length: (10 to 250) mm

Material: hardened carbon steel SAE1022

Thread type: CS, 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
		loading across the fibre	loading along the fibre			
-	-	-	-	-	-	-
screws \varnothing 3.5 mm	2429	19,87 ¹⁾ 21,54 ²⁾	14,35 ¹⁾ 13,76 ²⁾	24,16	4,27	5,22
Characteristic density of wood ρ_k [kg/m ³]	-	520 ¹⁾ 470 ²⁾		405	-	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 CS

²⁾ thread type SWS

