



Strojirenský zkušební ústav, s.p., Brno, Česká republika
Engineering Test Institute, Public Enterprise, Brno, Czech Republic

CERTIFICATE

Number: **E-30-20384-12 rev.1**

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

Product,
Type/Model/Specification: Screws \varnothing 3.0 mm

Product identification and
findings of the initial-type
testing of the product: see Annex 1 (page 2)

Base of certificate issuance: Final Report on Initial Type-Testing of the product
30-9841/1 of 2013-04-05

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

Strojirenský zkušební ústav, s.p., Engineering Test Institute, Public Enterprise, confirms that performed the initial-type testing of the said product according to the requirement stated in Directive 89/106/EEC, Annex III, (2) (ii), second possibility (corresponds with Government Order 190/2002 Coll. § 5 art. 1 let. b). Final Report containing initial type-testing findings and data on product identification.

This Certificate was first issued on 2012-10-12.

Brno, 2013-04-08




Ing. Pavel Šticha
Director for Certification

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Strojirenský zkušební ústav, s.p., Hudcova 56b, 621 00 Brno, Česká republika
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Certificate E-30-20384-12 rev.1, Annex 1

Products identification and findings of the initial-type testing of the product:

1. Chipboard screws \varnothing 3.0 mm, countersunk head, four nibs/ribs under head or without nibs/ribs, pozidrive or Torx recess, material: hardened carbon steel SAE1022, coating: (yellow) zinc plated, length: (20 to 40) mm.
2. Special wood screws \varnothing 3.0 mm, countersunk head, thread type: CS/SWS, four nibs under head, pozidrive, Torx, square/Phillips, Phillips, slotted or square recess, material: hardened carbon steel SAE1022, coating: (yellow) zinc plated, length: (12 to 350) mm.

Intended use: for load bearing 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			
-	-			-	-	-
\varnothing 3.0 mm	1 978	24,69	17,50	30,69	3,71	4,34
Characteristic density of wood ρ_k [kg/m ³]	-	520		395	-	450
Durability (i.e. corrosion protection)	(yellow) zinc plated (Service Class 1 acc. to EN 1995-1-1)					

- for group 2 of products only:

Product	characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²]	
	loading across the fibre	loading along the fibre
-		
special wood screws \varnothing 3.0 mm	18,47	12,93
Characteristic density of wood ρ_k [kg/m ³]	485	



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