



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

CERTIFICATE

Number: **E-30-20338-13**

Producer: JAU YEOU IND. CO., LTD.
No. 500, Shengsen Rd., Gangshan Town
Kaohsiung County, 820, Taiwan

Product,
Type/Model/Specification: Chipboard screws \varnothing 4,5 mm
- type of head: flat, oval, pan
- type of recess: phillips, square, combo (phillips+square),
pozidrive, torx, hexagonal socket, slotted
- material: carbon steel (SAE 1022)
- coating: zinc plated
- length: (23 to 90) 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
30-9861/4 of 2013-05-30

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.

Brno, 2013-05-31




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Ing. Pavel Štícha
Director for Certification

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Certificate E-30-20338-13, Annex 1

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

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	flat head	oval head	pan head		
-	-						-	-
Chipboard screws ø 4,5 mm	6 096	21,49	18,07	26,87	22,42	27,12	7,97	3,61
Characteristic density of wood ρ_k [kg/m ³]	-	460		450			-	450
Durability (corrosion protection)	zinc plated (Service Class 1 acc. to EN 1995-1-1)							

Intended use: in load bearing structural timber products.

