



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

## CERTIFICATE

Number: **E-30-20336-13**

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

Product,  
Type/Model/Specification: Chipboard screws  $\varnothing$  3,5 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: (18 to 60) 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  
30-9861/2 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



  
Ing. Pavel Štícha  
Director for Certification

Certificate No. E-30-20336-13.docx; Page 1 / Total pages 2





Certificate E-30-20336-13, 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 <sup>2</sup> ]		characteristic head pull-through parameter $f_{head,k}$ [N/mm <sup>2</sup> ]			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 3,5 mm	3 677	20,63	13,62	30,79	28,64	34,75	5,22	3,80
Characteristic density of wood $\rho_k$ [kg/m <sup>3</sup> ]	-	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.

