



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

# CERTIFICATE

Number: **J-30-20278-12**

Producer: Katsuhana Fasteners Corp.  
No.50, Fu Xing Rd., Lu Chu Dist., Kaohsiung City, Taiwan

Product, Type/Model/Specification: Chipboard screws  $\varnothing$  4,0 mm:  
- trim doubled head, Torx recess  
- material: stainless steel SUS 304/316  
- surface: passivated and waxed  
- length: (25 to 70) mm

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

Base of certificate: Initial Type Test Final Report No. 30-9713/1 dated 2012-07-20

Standard applied: EN 14592:2008, Tab. ZA.1

The Engineering Test Institute 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 No. 190/2002 Coll. § 5 art. 1 let. b). Final Report containing Initial Type-Testing findings and data on product identification.

Brno, Date 2012-07-23



  
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Pavel Štícha  
Director for Certification

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Certificate No. J-30-20278-12, Annex 1

Product identification and the initial-type testing findings:

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			
	-			-	-	-
chipboard screws ø 4,0 mm	3 206	12,55	7,47	26,62	4,57	3,15
Characteristic density of wood $\rho_k$ [kg/m <sup>3</sup> ]	-	390		435	-	450
Durability (corrosion protection)	stainless steel (Service Class 3 acc. to EN 1995-1-1)					

Intended use: in load bearing structural timber products.





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Engineering Test Institute, Brno, Czech Republic

# CERTIFICATE

Number: **J-30-20279-12**

Producer: Katsuhana Fasteners Corp.  
No.50, Fu Xing Rd., Lu Chu Dist., Kaohsiung City, Taiwan

Product, Type/Model/Specification: Chipboard screws  $\varnothing$  4,5 mm:  
- trim doubled head, Torx recess  
- material: stainless steel SUS 304/316  
- surface: passivated and waxed  
- length: (35 to 100) mm

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

Base of certificate: Initial Type Test Final Report No. 30-9713/2 dated 2012-07-20

Standard applied: EN 14592:2008, Tab. ZA.1

The Engineering Test Institute 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 No. 190/2002 Coll. § 5 art. 1 let. b). Final Report containing Initial Type-Testing findings and data on product identification.

Brno, Date 2012-07-23



  
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Pavel Šticha  
Director for Certification

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Strojirenský zkušební ústav, s. p., Hudcova 56b, 621 00 Brno, Česká republika  
Engineering Test Institute, public enterprise, Hudcova 56b, 621 00 Brno, Czech Republic

[www.szutest.cz](http://www.szutest.cz)

