



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

CERTIFICATE

Number: **E-30-20441-12**

Producer: YU CHI TAIWAN ENTERPRISE CO., LTD.
No. 2, Lane 625, Ming-Yeou Rd., Lu-Chu Dist.
Kaohsiung City, 821, Taiwan

Product,
Type/Model/Specification: Stainless steel screw
- \varnothing 4.3 mm
- flat head, with sharp point, Phillips or Torx recess, type 17
- material: stainless steel AISI 316, finish treatment: passivated
- length: (28 to 100) 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
30-9775/2 of 2012-11-21

Harmonized standard: EN 14592:2008, 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, 2012-11-22




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Ing. 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

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Certificate E-30-20441-12, 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 | | | |
| | - | | | - | - | - |
| screw Ø 4.3 mm | 3 215 | 16,12 | 9,88 | 20,04 | 3,85 | 1,75 |
| Characteristic density of wood ρ_k [kg/m ³] | - | 360 | | 350 | - | 450 |
| Durability (corrosion protection) | stainless steel AISI 316 (Service Class 3 acc. to EN 1995-1-1) | | | | | |

Intended use: in load bearing structural timber products.

