



Strojirenský zkušební ústav, s.p.
(Engineering Test Institute, Public Enterprise)
Product certification body
Hudcova 424/56b, 621 00 Brno, Czech Republic

CERTIFICATE

Number: **E-30-20622-17**

Manufacturer
and Manufacturing plant:

Shen-Chou Fasteners Industrial Co., Ltd.
No. 40, Ln. 62, Sec. 2, Zhongshan Rd.
Hunei Dist., Kaohsiung City 829, Taiwan (R.O.C.)

Product,
Type/Model/Specification:

Chipboard screws \varnothing 5.0 mm
- flat or pan head, full or partial thread
- type of recess: Torx, Phil, Square/Phil, Slot, Pozi, Square
- material: stainless steel A2 (passivate)
- coating type 1
- length: (26 to 150) mm

Assessment of the performance
of construction product:

see Annex 1 (page 3 of certificate)

Basis of Certificate issuance:

Report on assessment of the performance of construction product
1015-CPR-30-11208/5 of 2017-12-06

Harmonized standard:

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

Strojirenský zkušební ústav, s.p., (Engineering Test Institute, Public Enterprise) hereby confirms that it has carried out an assessment of the performance in accordance with point 1.4.(b) System 3 Annex V of Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), and has determined the performance of essential characteristics of the construction product.

Product certification scheme applied: ČSN EN ISO/IEC 17067:2014, scheme type 1a.

This Certificate is not a substitute for relevant document issued by Notified Body.

Brno, 2017-12-07




.....
Ing. Pavel Štícha
Director for Certification





Assessment of the performance of construction 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
	thread section	smooth section	Perpendicular to the grain	parallel to the grain	-	-	-
Chipboard screws ø 5.0 mm	3 851	2 961	16,66	13,00	23,73 ^{flat head} 26,73 ^{pan head}	4,56	1,74
Characteristic density of wood ρ_k [kg/m ³]	-		350		350	-	350
Durability (i.e. corrosion protection)	stainless steel A2, passivate (Service Class 3 acc. to EN 1995-1-1)						

