

In accordance with Annex III to Regulation (EU) No 305/2011 (Construction Products)

N° 011/2014/ WD
Chipboard screws

1. Unique Product identification code:

WDSPZ, WDSTX, WDSWPZ (figures in annex 1)

2 Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

The identification of the product is given by the lot number specified on the label together with the CE marking.

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

The mechanical fasteners intended to be used for different non-construction materials fastening to the wood.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): P.H. HAMAR Sp.J. B i H Grzesiak, ul. Hutnicza 7, 81-061 Gdynia, Poland

5. Where applicable, name and contact address of the authorized representative whose mandate covers the task specified in Article 12(2): NA

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3 attestation of conformity of all characteristics

7. In case of the declaration of performance concerning a construction product covered by the harmonized standard: PN-EN 14592+A1:2012, system 3.

Initial type testing made by: STROJIRENSKY ZKUSEBNI USTAV, s.p. (Notified Body No. 1015), Hudcova 56b, 621 00 BRNO, Czech Republic. Report no: 30-9691/1-2, 30-9997/1-4

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: NA

9. Declared performance:

Essentials characteristics		Performance					
Material		Steel C1022					
Diameter [mm]		3,0 ; 3,5 ; 4,0 ; 4,5 ; 5,0 ; 6,0					
Corrosion resistance	Type of coating	Zinc plated					
		Class 1 acc. EN 1995-1-1					
Thread diameter (d) [mm]		3,0	3,5	4,0	4,5	5,0	6,0
Length (L) [mm]		18-90	14-90	16-100	18-200	20-400	36-600
Characteristic yield moment $M_{y,k}$ [Nmm]		1545*	2831*	4903*	4907*	6691*/8996**	12750*/18779**
Characteristic withdrawal parameter ($f_{ax,k}$) [N/mm ²], for wood ρ_k ¹⁾ 425 [kg/m ³], ²⁾ 450 [kg/m ³], ³⁾ 495 [kg/m ³] across /along the fibres		17,35/ 13,63 ¹⁾	19,05/ 12,67 ²⁾	17,75/ 12,46 ²⁾	18,80/ 11,90 ²⁾	16,77/ 12,54 ²⁾	18,84 / 13,16 ³⁾
Characteristic head pull-through parameter ($f_{head,k}$) [N/mm ²] for wood ρ_k ¹⁾ 400 [kg/m ³], ²⁾ 450 [kg/m ³], ³⁾ 540 [kg/m ³] flat head		18,64 ¹⁾	23,24 ²⁾	22,10 ²⁾	20,77 ²⁾	21,00 ²⁾	24,63 ³⁾
Characteristic tension capacity ($f_{tens,k}$) [kN]		2,95	4,23	6,95	7,33	8,82	11,34
Characteristic torsional ratio for wood ρ_k 450 [kg/m ³] ($f_{tor,k} / R_{tor,k}$)		2,88	3,66	6,14	4,40	3,31	2,93
*threaded section/**smooth section							

Harmonized Technical Specification
PN - EN 14592 +A1:2012

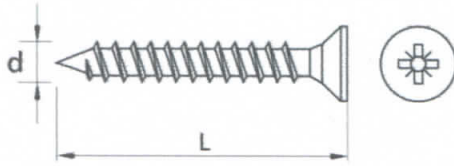
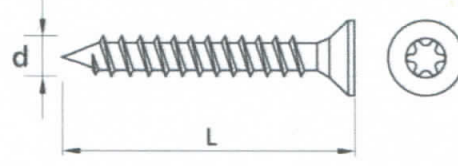
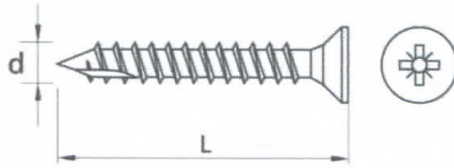
10. The performance of the product identified in 1 and 2 is in conformity with the declared performance in 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in 4.

Signed for and on behalf of the manufacturer by:

P.H. HAMAR Sp. J.
Kierownik techniczny-Kierownik laboratorium

.....*Karol Pisarkiewicz*.....
Eng. Karol Pisarkiewicz, Quality Department

Gdynia, March 25th, 2014

Annex 1**Figures of chipboard screws:****a) WDSPZ****b) WDSTX****c) WDSWPZ**

P.H. HAMAR Sp. J.
Kierownik techniczny-Kierownik laboratorium
KP
Karol Pisarkiewicz