

DoP N° 018/2018

Construction wood screws

1. Unique Product identification code:

WDCT, WDSCS

2. Intended use or uses:

Wafer or csk head T40 recess mechanical fasteners intended to be used for structural connections of wooden elements.

3. Manufacturer:

P.H. HAMAR Sp.J. B i H Grzesiak, ul. Hutnicza 7, 81-061 Gdynia, Poland

4. Authorized representative: NA

5. System or systems of assessment and verification of constancy of performance: System 3

6. Harmonized standard: EN 14592:2008+A1:2012,

Certified unit: STROJIRENSKY ZKUSEBNI USTAV, s.p. Hudcova 424/56b, 621 00 BRNO, Czech Republic

7. Declared performance:

Main characteristics	Performance	Harmonized Technical Specification PN - EN 14592:2008+A1:2012
Material	Carbon steel 10B21	
Diameter (d) [mm]	8,0	
Length (L) [mm]	40 - 400	
Corrosion resistance	Type of coating	
	Zinc Class 1 EN 1995-1-1	
Characteristic yield moment $M_{y,k}$ [Nmm] thread section / smooth section	33783	
Characteristic withdrawal parameter ($f_{ax,k}$) [N/mm ²], for wood ρ_k 350 [kg/m ³] across / along the fibres	14,03 / 10,22	
Characteristic head pull-through parameter ($f_{head,k}$) [N/mm ²], for wood ρ_k 350 [kg/m ³]	20,00 / 24,04 csk / wafer head	
Characteristic tensile capacity ($f_{tens,k}$) [kN]	26,07	
Characteristic torsional ratio for wood ρ_k 450 [kg/m ³] ($f_{tor,k} / R_{tor,k}$)	4,39	
Wafer head	Flat csk head	
WDCT	WDSCS	

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

.....
Bogusław Grzesiak – Partner

 Gdynia, November 13th, 2018