



Declaration of performance

pov-vrut

1. Unique identification code of the product: **Carpentry screw / Chipboard screw**

2. Type, batch or serial number or any other element allowing identification of the construction product :

Screw \varnothing 2,5; 3,0; 3,5; 4,0; 4,5; 4,8; 5,0; 6,0; 8,0; 10,0 mm
 - head: countersunk; wafer head
 - thread: full or partial
 - type of recess: torx, pozidrive PZ
 - material: C1021,C10B21;
 - length 10-400mm
 - durability: service class 1 and 2

3. Intended use of construction product:

Screw for timber structure load

4. Name, company or registered trade mark and contact address:

Hašpl a.s.,
Ke Koupališti 172
549 32 Velké Poříčí

IČO: 274 66 663
DIČ: CZ274 66 663

5. Systems of assessment and verification of constancy of performance of the construction product:

product according EN 14592:2008 +A1:2012 tab. ZA.2 verification of constancy **system 3**.

6. Name and identification number of notified body:

Strojírenský zkušební ústav, s.p. notified body: 1015
performed determination of the product type. Based on initial test determinate properties of product base characteristic according EN 14 592:2008-A1:2012 ZA1
and publish protocols numbers: see **Table**.

7. Declared performance:

Table

Product protokol nr.	Characteristic yield moment $M_{y,k}$ [Nmm]		Characteristic withdrawal parameter across the fibre $F_{ax,k}$ [Nmm ²]	Characteristic withdrawal parameter along the fibre $F_{ax,k}$ [Nmm ²]	Characteristic head pull-through parameter $F_{head,k}$ [Nmm ²]		Characteristic tensile capacity $F_{tens,k}$ [kN]	Characteristic torsional ratio
	thread section	smooth section			CSK	PAN head		
chipboard screw ø 2,5 mm 30-11520	1200		18.03	13.15	27.69	32.73	1.77	2.98
carpentry screw ø 3,0 mm 30-11519/1/JP	1766		17.49	12.94	26.68		3.65	2.05
350 p[kg/m ³]								
carpentry screw ø 3,5 mm 30-11519/2/JP	2526		16.99	11.48	25.06		4.58	1.92
350 p[kg/m ³]								
carpentry screw ø 4,0 mm 30-10219/1	4090		19.13	13.46	23.33		6.32	1.89
carpentry screw ø 4,5 mm 30-10219/2	5848		18.02	13.2	22.2		8.07	2.46
carpentry screw ø 5,0 mm 30-10219/3	thread section 9239	smooth section 11312	18.88	14.68	20.27		11.98	2.53
carpentry screw ø 6,0 mm 30-9963/1	thread section 11969	smooth section 18540			16.57	10.98		
carpentry screw ø 8,0 mm 30-9963/2	thread section 27835	smooth section 44406	16.94	10.35	CSK 22.16	Wafer head 25.12	24.32	4.41
carpentry screw ø 10,0 mm 30-9963/3	thread section 38834	smooth section 68668			16.35	10.23		
carpentry wood screws ø 4.8 mm 30-14199/JP	7 433		17.03	12.74	33.15		9.72	5.99
350 p[kg/m ³]								
carpentry wood screws ø 8,0 mm 30-14200/JP	22 382		15.97	11.85	24.47		18.67	3.24
350 p[kg/m ³]								
Characteristic density of wood ρ_k [kg/m ³]	-		450		450		-	450
Durability (corrosion protection)	Zinc plated FeZn13 (service class 1 and 2 acc. to EN 1995-1-1)							

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by :

Kubeček Vlastimil
quality manager
(name and position)

Velkém Poříčí 5.3.2019

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(place and date)

WHASPL[®]

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(signature)