



## Declaration of performance

### pov-vrut

1. Unique identification code of the product:

**Carpentry screw**

**Diameter  $\varnothing$  3,0; 3,5; 4,0; 4,5; 5,0; 6,0; 8,0; 10,0 mm**

**- head: countersunk; wafer head**

**- thread: full or partial**

**- type of recess: torx**

**- material: C10B21;**

**- length 30-400mm**

**- durability: service class 1**



2. Intended use of construction product:

Screw for timber structure load

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

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

*IČO: 274 66 663*

*DIC: CZ274 66 663*

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

**system 3. acc EU 305/2011**

5. Harmonized standard:

**EN 14952:2008 +A1:2012 Tab. ZA. 1**

notified body:

Strojírenský zkušební ústav, s.p. notified body: 1015

6. Declared performance:

Table

Product protokol nr.	Characteristic yield moment $M_{y,k}$ [Nmm]		Characteristic withdrawal parameter across the fibre $F_{ax,k}$ [Nmm <sup>2</sup> ]	Characteristic withdrawal parameter along the fibre $F_{ax,k}$ [Nmm <sup>2</sup> ]	Characteristic head pull-through parameter $F_{head,k}$ [Nmm <sup>2</sup> ]		Characteristic tensile capacity $F_{tens,k}$ [kN]	Characteristic torsional ratio	Třída provozu EN 1995
carpentry screw ø 3,0 mm 30-11519/1/JP	1766		17,49	12,94	26,68		3,65	2,05	1
					350 p[kg/m3]				
carpentry screw ø 3,5 mm 30-11519/2/JP	2526		16,99	11,48	25,06		4,58	1,92	1
					350 p[kg/m3]				
carpentry screw ø 4,0 mm 30-10219/1	4090		19,13	13,46	23,33		6,32	1,89	1
carpentry screw ø 4,5 mm 30-10219/2	5848		18,02	13,2	22,2		8,07	2,46	2
carpentry screw ø 5,0 mm 30-10219/3	thread section	smooth section	18,88	14,68	20,27		11,98	2,53	2
	9239	11312							
carpentry screw ø 6,0 mm 30-9963/1	thread section	smooth section	16,57	10,98	CSK	Wafer head	12,19	3,4	2
	11969	18540			23,03	34,96			
carpentry screw ø 8,0 mm 30-9963/2	thread section	smooth section	16,94	10,35	CSK	Wafer head	24,32	4,41	2
	27835	44406			22,16	25,12			
carpentry screw ø 10,0 mm 30-9963/3	thread section	smooth section	16,35	10,23	CSK	Wafer head	31,41	4,75	2
	38,834	68668			20,96	23,61			
Characteristic density of wood $\rho_k$ [kg/m <sup>3</sup> ]	-		450		450		-	450	

7. The performance of the product is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by :

Kubeček Vlastimil  
quality manager  
( name and position )

Velkém Poříčí 5.3.2019

.....  
( place and date )

**WHASPL**

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IČ: 27466663 DIČ: CZ27466663

.....  
(signature)