

MWVTV101



Issued in accordance with the Construction Products Regulation (CPR) 305/2011/EU.
pgb-Europe nv hereby declares that the products mentioned below comply with the requirements of:

EN 14592 2008+A1 2012 – Timber structures - Dowel-type fasteners

1. *Unique identification code of the product-type:*
MWVTV A2
2. *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
see annex 1 to this document
3. *Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:*

Generic type:	Wood screw with full thread and double countersunk head with T-drive recess
Material:	Stainless steel A2 grade 60 according to EN ISO 3506-1
Service class:	Service class 1, 2 and 3 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Screws for the fastening of constructions and substructures in wood

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):*
pgb-Europe nv – Gontrode Heirweg 170 – 9090 Melle – Belgium
5. *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):*
NOT RELEVANT
6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
System 3
7. *In case of the declaration of performance concerning a construction product covered by a harmonized*

standard: EN 14592:2008 +A1-2012
performed by: HFB Engineering GMBH
Zschortauer Straße 42
04129 Leipzig
under system: 3
and issued: Initial Type Test report n° 311002227/1/2014

DECLARATION OF PERFORMANCE

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

NOT RELEVANT

9. Declared performance:

Essential characteristics		Performance					
		Ø 3	Ø 3,5	Ø 4	Ø 4,5	Ø 5	Ø 6
Characteristic yield moment $M_{y,k}$	[Nmm]	-	-	-	3070	4080	6460
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	24,7	16,2	19,5	26,8	21,6	20,6
Wood density	ρ_k [kg/m ³]	450					
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	36,6	33,3	22,5	21,7	20,5	20,4
Wood density	ρ_k [kg/m ³]	450					
Characteristic tensile capacity $f_{tens,k}$	[kN]	2,05	2,99	3,75	4,91	5,64	7,49
Characteristic breaking torque $f_{tor,k}$	[Nm]	0,86	1,28	2,12	3,03	4,07	6,67
Characteristic insertion moment $R_{tor,k}$	[Nm]	0,36	0,70	0,75	1,26	2,19	2,65
Characteristic torsional ratio (ρ_k 450 kg/m ³) $f_{tor,k} / R_{tor,k} \geq 1,5$	[-]	2,39	1,83	2,83	2,40	1,86	2,52

Tested according to Harmonized Technical Specification EN 14592 2008+A1:2012.

Timber for testing was conditioned at the temperature of 20°C and humidity of 65%.

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

Place and date of issue	Signature	
Melle, 5/08/2014	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 

Annex 1 : Product overview


MWVTV

Chipboard screw with double countersunk head, T-drive
with full thread, hardened and waxed



Spaanderplaat Schroef dubbel verzonken kop, T-drive
met volledige draad, gehard en gewaxt

Vis à panneaux double tête fraisée, empreinte étoile-T
avec filet complet, trempée et lubrifiée

Spanplattenschraube Doppelflachkopf, I-Stern Antrieb
mit Vollgewinde, gehärtet und gleitbeschichtet






Art. Nr.	EAN code	D [mm]	L [mm]	T	dk [mm]		
MWVTVK30012 A2	5410439318549	3,0	12	Tx 10	6	200	28800
MWVTVK30016 A2	5410439253475	3,0	16	Tx 10	6	200	28800
MWVTVK30020 A2	5410439253482	3,0	20	Tx 10	6	200	16000
MWVTVK35016 A2	5410439253499	3,5	16	Tx 15	7	200	28800
MWVTVK35020 A2	5410439253505	3,5	20	Tx 15	7	200	16000
MWVTVK40016 A2	5410439253512	4,0	16	Tx 20	8	200	16000
MWVTVK40020 A2	5410439218801	4,0	20	Tx 20	8	200	16000
MWVTVK40050 A2	5410439428736	4,0	50	Tx 20	8	200	7200
MWVTVK45020 A2	5410439253451	4,5	20	Tx 20	9	200	12000
MWVTVK45045 A2	5410439228060	4,5	45	Tx 20	9	200	4800
MWVTVK50020 A2	5410439253468	5,0	20	Tx 25	10	200	9600
MWVTVK50030 A2	5410439355681	5,0	30	Tx 25	10	200	7200
MWVTVK50050 A2	5410439214810	5,0	50	Tx 25	10	200	4800