

MWVTG101



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:*
MWVTG 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 partial thread and double countersunk head with T-drive recess
Material:	Stainless steel grade 60 according to EN ISO 3506-1 (trempée)
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

DoP MWVTG101 page 2 / 5

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]	-	1,31	2,12	2,43	3,33	6,33
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	30,8	27,3	22,4	23,8	22,3	21,4
Wood density	ρ_k [kg/m ³]	450					
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	26,6	22,2	18,0	23,0	22,2	20,0
Wood density	ρ_k [kg/m ³]	450					
	[kN]	2,12	2,75	3,60	4,33	5,32	7,48
Characteristic tensile capacity $f_{tens,k}$	[Nm]	0,79	1,38	2,17	2,73	4,06	7,16
Characteristic torsional resistance $R_{tor,k}$	[Nm]	0,36	0,76	0,95	1,24	1,78	2,69
Characteristic torsional ratio (ρ_k 450 kg/m ³)	[-]	2,19	1,82	2,28	2,20	2,28	2,66

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	<div style="border: 1px solid black; padding: 2px;"> nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396 </div>	Johannes Heye, product manager 

Annex 1 : Product overview

DECLARATION OF PERFORMANCE





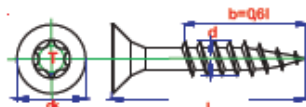
Chipboard screw with double countersunk head, T-drive
with partial thread, hardened and waxed



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

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

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



Art. Nr.	EAN code	D [mm]	L [mm]	T	dk [mm]		
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MWVTGK30030 A2	5410439253536	3,0	30	Tx 10	6	200	12000
MWVTGK30035 A2	5410439253543	3,0	35	Tx 10	6	200	12000
MWVTGK30040 A2	5410439253550	3,0	40	Tx 10	6	200	9600
MWVTGK35025 A2	5410439238809	3,5	25	Tx 15	7	200	16000
MWVTGK35030 A2	5410439253567	3,5	30	Tx 15	7	200	12000
MWVTGK35035 A2	5410439253574	3,5	35	Tx 15	7	200	12000
MWVTGK35040 A2	5410439253581	3,5	40	Tx 15	7	200	7200
MWVTGK35045 A2	5410439309875	3,5	45	Tx 15	7	200	7200
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MWVTGK40040 A2	5410439205436	4,0	40	Tx 20	8	200	7200
MWVTGK40045 A2	5410439211680	4,0	45	Tx 20	8	200	7200
MWVTGK40050 A2	5410439211673	4,0	50	Tx 20	8	200	7200
MWVTGK40060 A2	5410439213868	4,0	60	Tx 20	8	200	4800
MWVTGK40070 A2	5410439253611	4,0	70	Tx 20	8	200	3200
MWVTGK45025 A2	5410439253628	4,5	25	Tx 20	9	200	12000
MWVTGK45030 A2	5410439253635	4,5	30	Tx 20	9	200	9600
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MWVTGK50030 A2	5410439253673	5,0	30	Tx 25	10	200	7200
MWVTGK50035 A2	5410439253680	5,0	35	Tx 25	10	200	7200
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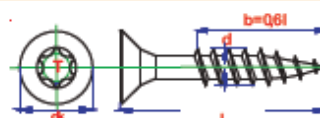
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MWVTGK50050 A2	5410439211628	5,0	50	Tx 25	10	200	4800
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MWVTGK80040 A2	5410439253710	6,0	40	Tx 30	12	200	4800
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MWVTGK80060 A2	5410439218382	6,0	60	Tx 30	12	200	2400
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MWVTGK80080 A2	5410439253741	6,0	80	Tx 30	12	200	1600
MWVTGK80090 A2	5410439253758	6,0	90	Tx 30	12	200	1600
MWVTGK80100 A2	5410439253785	6,0	100	Tx 30	12	200	1600
MWVTGK80120 A2	5410439253772	6,0	120	Tx 30	12	100	1200
MWVTGK80130 A2	5410439253789	6,0	130	Tx 30	12	100	1200
MWVTGK80140 A2	5410439253796	6,0	140	Tx 30	12	100	1200