

PEVTG001



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:*
PEVTG
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 construction screw with cutting point, partial thread with flutes and milling segment on the shank, countersunk head, T-drive recess
Material:	Carbon steel ASTM-SAE 10B21 (case hardened)
Corrosion protection:	Zinc plating, minimum 8 µm, ISO 4042 A2
Service class:	Service class 2 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Screws for load-bearing timber structures

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° 311002513/1/2017







8. *In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:*
NOT RELEVANT
-

DECLARATION OF PERFORMANCE

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9. Declared performance:

Essential characteristics				Performance			
				Ø 5	Ø 6	Ø 8	Ø 10
	$M_{y,k}$	Characteristic yield moment	[Nm]		7,84	23,88	40,14
	$f_{ax,k}$	Characteristic withdrawal parameter	[N/mm ²]	14,7	15,4	13,9	13,9
	$F_{AZ,max,MW}$	Withdrawal (mean values)	[kN]	6,27	11,83	15,15	17,33
	ρ_k	Wood density	[kg/m ³]	461	464	463	451
		Screw-in depth	[mm]	70	114	112	110
	$f_{head,k}$	Characteristic head pull-through parameter	[N/mm ²]	16,5	22,4	21,0	19,5
	ρ_k	Wood density	[kg/m ³]	506	542	531	496
	$F_{KDZ,max,MW}$	Head pull through (mean values)	[kN]	2,82	4,24	5,55	8,37
	$f_{tens,k}$	Characteristic tensile capacity	[kN]	9,50	11,81	22,74	40,33
	$f_{tor,k}$	Characteristic torsional strength	[Nm]	6,94	10,4	27,1	56,5
	$R_{tor,k, thread}$	Characteristic insertion moment	[Nm]	2,56	5,73	12,13	16,72
	$R_{tor,k, shaft}$	Characteristic insertion moment	[Nm]	2,68	5,72	13,76	23,63
	ρ_k	Wood density	[kg/m ³]	450	450	450	450
	$f_{tor,k} / R_{tor,k}$	Characteristic torsional ratio (smooth part / threaded part)	[-]	2,7 2,6	1,7 1,7	2,1 2,2	3,4 2,4

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

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, 12/06/2017	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396 </div>	Johannes Heye, product manager 

Annex 1 : Product overview

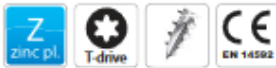
PEVTG

Wood construction screws with countersunk head, T-drive
milling segment on the shank, coarse thread, special cutting point type 17, hardened and waxed

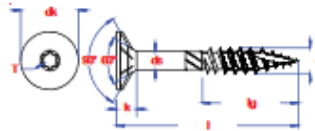
Houtconstructieschroef met verzonken kop, T-drive
met freesribben op de schacht, grove draad, speciale snijpunt type 17, gehard en gewaxt

Vis pour constructions en bois tête fraisée empreinte étoile-T
avec nervures sur le corps, filet large, pointe coupante type 17, trempée et lubrifiée

Holzbauschraube mit Senkkopf, I-Stern Antrieb
mit Fräsribben auf dem Schaft, Grobgewinde, Cut-Spitze Typ 17, gehärtet und gleitbeschichtet





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Ø [mm]	l [mm]	Art. Nr.	EAN code	TX	dk [mm]		
STANDARD PACKING - STANDAARDVERPAKKING - EMBALLAGE STANDARD - NORMALPACKUNG							
5,0	40	PEVTGK050040Z	5410439631815	TX 25	10	200	7200
	50	PEVTGK050050Z	5410439701839	TX 25	10	200	4800
	60	PEVTGK050060Z	5410439701921	TX 25	10	200	3200
	70	PEVTGK050070Z	5410439701938	TX 25	10	200	2400
	80	PEVTGK050080Z	5410439701945	TX 25	10	200	2400
	90	PEVTGK050090Z	5410439701952	TX 25	10	200	2400
	100	PEVTGK050100Z	5410439701969	TX 25	10	200	1600
	120	PEVTGK050120Z	5410439701976	TX 25	10	200	1600
6,0	60	PEVTGK060060Z	5410439701983	TX 30	12	200	2400
	70	PEVTGK060070Z	5410439701990	TX 30	12	200	1600
	80	PEVTGK060080Z	5410439702003	TX 30	12	200	1600
	90	PEVTGK060090Z	5410439702010	TX 30	12	100	800
	100	PEVTGK060100Z	5410439702027	TX 30	12	100	1600
	120	PEVTGK060120Z	5410439702034	TX 30	12	100	1200
	140	PEVTGK060140Z	5410439702041	TX 30	12	100	1200
	160	PEVTGK060160Z	5410439702058	TX 30	12	100	1200
	180	PEVTGK060180Z	5410439702065	TX 30	12	100	800
	200	PEVTGK060200Z	5410439702072	TX 30	12	100	800
	220	PEVTGK060220Z	5410439244053	TX 30	12	100	
	240	PEVTGK060240Z	5410439359320	TX 30	12	100	
	260	PEVTGK060260Z	5410439359337	TX 30	12	100	
	280	PEVTGK060280Z	5410439359344	TX 30	12	100	
300	PEVTGK060300Z	5410439359351	TX 30	12	100		

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Ø [mm]	l [mm]	Art. Nr.	EAN code	TX	dk [mm]		
8,0	80	PEVTGK080080Z	5410439437356	TX 40	14	50	800
	100	PEVTGK080100Z	5410439437363	TX 40	14	50	800
	120	PEVTGK080120Z	5410439437370	TX 40	14	50	600
	140	PEVTGK080140Z	5410439437387	TX 40	14	50	600
	160	PEVTGK080160Z	5410439437394	TX 40	14	50	600
	180	PEVTGK080180Z	5410439437400	TX 40	14	50	400
	200	PEVTGK080200Z	5410439437417	TX 40	14	50	400
	220	PEVTGK080220Z	5410439437424	TX 40	14	50	
	240	PEVTGK080240Z	5410439437431	TX 40	14	50	
	260	PEVTGK080260Z	5410439437448	TX 40	14	50	
	280	PEVTGK080280Z	5410439437455	TX 40	14	50	
	300	PEVTGK080300Z	5410439437462	TX 40	14	50	
	320	PEVTGK080320Z	5410439437479	TX 40	14	50	
	340	PEVTGK080340Z	5410439437486	TX 40	14	50	
	360	PEVTGK080360Z	5410439437493	TX 40	14	50	
	380	PEVTGK080380Z	5410439437509	TX 40	14	50	
400	PEVTGK080400Z	5410439437516	TX 40	14	50		

Ø [mm]	l [mm]	Art. Nr.	EAN code	TX	dk [mm]		
10,0	100	PEVTGK100100Z	5410439437530	TX 40	18	50	800
	120	PEVTGK100120Z	5410439437547	TX 40	18	50	600
	140	PEVTGK100140Z	5410439437554	TX 40	18	50	600
	160	PEVTGK100160Z	5410439437561	TX 40	18	50	600
	180	PEVTGK100180Z	5410439437578	TX 40	18	50	400
	200	PEVTGK100200Z	5410439437585	TX 40	18	50	400
	220	PEVTGK100220Z	5410439437592	TX 40	18	50	300
	240	PEVTGK100240Z	5410439437608	TX 40	18	50	
	260	PEVTGK100260Z	5410439437615	TX 40	18	50	
	280	PEVTGK100280Z	5410439437622	TX 40	18	50	
	300	PEVTGK100300Z	5410439437639	TX 40	18	25	
	320	PEVTGK100320Z	5410439437646	TX 40	18	25	
	340	PEVTGK100340Z	5410439437653	TX 40	18	25	
	360	PEVTGK100360Z	5410439437660	TX 40	18	25	
	380	PEVTGK100380Z	5410439437677	TX 40	18	25	
	400	PEVTGK100400Z	5410439437523	TX 40	18	25	