

PWVTG001



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:*
PWVTG
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 "pfs+" with partial thread with 4 flutes, double countersunk head with 4 nibs under the head, T-drive recess.
Material:	Carbon steel ASTM-SAE C1022 (case hardened)
Corrosion protection:	Zinc plating Cr3+, minimum 5 µm above class 24 Yellow zinc plating Cr6+, minimum 5 µm above class 24
Service class:	Service class 1 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Mechanical fasteners for the fastening of non-load bearing 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: STROJIRENSKY ZKUSEBNI USTAV, s.p.
Hudcova 56b, 621 00 BRNO
Czech Republic
<http://www.szutest.cz>
under system: 3
and issued: Initial Type Test report n° 30-9673/1-6

DECLARATION OF PERFORMANCE

DoP PWVTG001 page 2 / 6

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]	1587	2822	3559	5188 ¹ 6994 ²	6984 ¹ 10409 ²	12043 ¹ 17109 ²
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	19,53 ³ 13,39 ⁴	18,01 ³ 14,61 ⁴	17,65 ³ 15,33 ⁴	18,61 ³ 14,62 ⁴	19,15 ³ 18,10 ⁴	17,63 ³ 14,56 ⁴
Wood density	ρ_k [kg/m ³]	400					
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	35,37	30,25	23,25	19,92	23,69	25,28
Wood density	ρ_k [kg/m ³]	425	480	400	415	505	490
Characteristic tensile capacity $f_{tens,k}$	[kN]	3,26	3,86	5,1	7,06	6,92	10,54
Characteristic torsional ratio (ρ_k 450 kg/m ³)	[-]	1,7	2,04	2,04	2,22	2,16	2,36

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%, with dimensions 200x200x120mm.

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	Signed for and on behalf of the manufacturer by	
Melle, 1/07/2013	 nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 

¹ Smooth part

² Threaded part

³ Loading across the fiber

⁴ Loading along the fiber

Annex 1 : Product overview

PWVTG

Chipboard screw pfs+ with double countersunk head, T-drive
with 4 ribs under the head, special cutting point type 17, partial thread, hardened and waxed

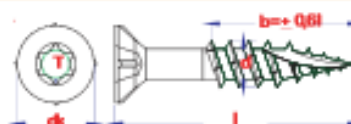
Spaanderplaatschroef pfs+ dubbel verzonken kop, T-drive
met 4 freesribben onder de kop, speciale snijpunt type 17, gedeeltelijke draad, gehard en gewaxt



Vis à panneaux pfs+ double tête fraisée, empreinte étoile-T
avec 4 nervures sous la tête, pointe coupante type 17, filet partiel, trempée et lubrifiée

Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb
4 Fräsrillen, Cut-Spitze Typ 17, Teilgewinde, gehärtet und gleitbeschichtet







Art. Nr. [mm]	EAN code	D [mm]	L [mm]	T [mm]	dk [mm]		
PWVTGK30025 GZ	5410439201889	3,0	25	Tx 10	6,0	200	16000
PWVTGK30030 GZ	5410439201896	3,0	30	Tx 10	6,0	200	12000
PWVTGK30035 GZ	5410439201902	3,0	35	Tx 10	6,0	200	12000
PWVTGK30040 GZ	5410439201919	3,0	40	Tx 10	6,0	200	9600
PWVTGK35025 GZ	5410439201933	3,5	25	Tx 15	7,0	200	16000
PWVTGK35030 GZ	5410439201940	3,5	30	Tx 15	7,0	200	12000
PWVTGK35035 GZ	5410439201957	3,5	35	Tx 15	7,0	200	12000
PWVTGK35040 GZ	5410439201964	3,5	40	Tx 15	7,0	200	7200
PWVTGK35045 GZ	5410439201971	3,5	45	Tx 15	7,0	200	7200
PWVTGK35050 GZ	5410439201988	3,5	50	Tx 15	7,0	200	7200
PWVTGK40030 GZ	5410439201995	4,0	30	Tx 20	8,0	200	12000
PWVTGK40035 GZ	5410439202053	4,0	35	Tx 20	8,0	200	9600
PWVTGK40040 GZ	5410439202091	4,0	40	Tx 20	8,0	200	7200
PWVTGK40045 GZ	5410439202107	4,0	45	Tx 20	8,0	200	7200
PWVTGK40050 GZ	5410439202114	4,0	50	Tx 20	8,0	200	7200
PWVTGK40060 GZ	5410439202121	4,0	60	Tx 20	8,0	200	4800
PWVTGK40070 GZ	5410439004275	4,0	70	Tx 20	8,0	200	3200
PWVTGK45030 GZ	5410439202138	4,5	30	Tx 20	9,0	200	9600
PWVTGK45035 GZ	5410439202145	4,5	35	Tx 20	9,0	200	7200
PWVTGK45040 GZ	5410439202152	4,5	40	Tx 20	9,0	200	7200
PWVTGK45045 GZ	5410439202169	4,5	45	Tx 20	9,0	200	4800
PWVTGK45050 GZ	5410439202176	4,5	50	Tx 20	9,0	200	4800
PWVTGK45060 GZ	5410439202183	4,5	60	Tx 20	9,0	200	3200
PWVTGK45070 GZ	5410439004381	4,5	70	Tx 20	9,0	200	3200
PWVTGK45080 GZ	5410439004398	4,5	80	Tx 20	9,0	200	3200
PWVTGK50040 GZ	5410439202190	5,0	40	Tx 25	10,0	200	7200
PWVTGK50045 GZ	5410439202299	5,0	45	Tx 25	10,0	200	7200
PWVTGK50050 GZ	5410439202350	5,0	50	Tx 25	10,0	200	4800
PWVTGK50060 GZ	5410439202374	5,0	60	Tx 25	10,0	200	3200

PWVTG

Chipboard screw pfs+ with double countersunk head, T-drive
with 4 ribs under the head, special cutting point type 17, partial thread, hardened and waxed

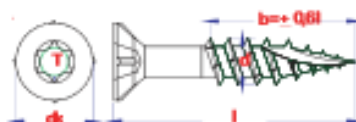
Spaanderplaat Schroef pfs+ dubbel verzonken kop, T-drive
met 4 freerribben onder de kop, speciale snijpunt type 17, gedeeltelijke draad, gehard en gewaxt



Vis à panneaux pfs+ double tête fraisée, empreinte étoile-T
avec 4 nervures sous la tête, pointe coupante type 17, filet partiel, trempée et lubrifiée

Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb
4 Fräerippen, Cut-Spitze Typ 17, Teilgewinde, gehärtet und gleitbeschichtet







Art. Nr. [mm]	EAN code	D [mm]	L [mm]	T [mm]	dk [mm]		
PWVTGK50070 GZ	5410439004503	5,0	70	Tx 25	10,0	200	2400
PWVTGK50080 GZ	5410439004510	5,0	80	Tx 25	10,0	200	2400
PWVTGK50090 GZ	5410439004527	5,0	90	Tx 25	10,0	200	2400
PWVTGK50100 GZ	5410439004534	5,0	100	Tx 25	10,0	200	1600
PWVTGK50120 GZ	5410439202381	5,0	120	Tx 25	10,0	200	1600
PWVTGK60060 GZ	5410439202398	6,0	60	Tx 30	12,0	200	2400
PWVTGK60070 GZ	5410439176637	6,0	70	Tx 30	12,0	200	1600
PWVTGK60080 GZ	5410439176644	6,0	80	Tx 30	12,0	200	1600
PWVTGK60090 GZ	5410439176651	6,0	90	Tx 30	12,0	200	1600
PWVTGK60100 GZ	5410439176668	6,0	100	Tx 30	12,0	100	1600
PWVTGK60110 GZ	5410439202404	6,0	110	Tx 30	12,0	100	1600
PWVTGK60120 GZ	5410439176675	6,0	120	Tx 30	12,0	100	1200
PWVTGK60130 GZ	5410439202411	6,0	130	Tx 30	12,0	100	1200
PWVTGK60140 GZ	5410439176682	6,0	140	Tx 30	12,0	100	1200
PWVTGK60150 GZ	5410439181563	6,0	150	Tx 30	12,0	100	1200
PWVTGK60160 GZ	5410439202428	6,0	160	Tx 30	12,0	100	1200
PWVTGK60180 GZ	5410439202435	6,0	180	Tx 30	12,0	100	800
PWVTGK60200 GZ	5410439202442	6,0	200	Tx 30	12,0	100	800

PWVTG

Chipboard screw pfs+ with double countersunk head, T-drive
with 4 ribs under the head, special cutting point type 17, partial thread, hardened and waxed



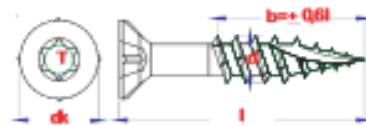
Spaanderplaatschroef pfs+ dubbel verzonken kop, T-drive
met 4 freerribben onder de kop, speciale snijpunt type 17, gedeeltelijke draad, gehard en gewaxt



Vis à panneaux pfs+ double tête fraisée, empreinte étoile-T
avec 4 nervures sous la tête, pointe coupante type 17, filet partiel, trempée et lubrifiée



Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb
4 Fräsrillen, Cut-Spitze Typ 17, Teilgewinde, gehärtet und gleitbeschichtet



Art. Nr. [mm]	EAN code	D [mm]	L [mm]	T [mm]	dk [mm]		
PWWTGG35025 Z	5410439338851	3,5	25	Tx 15	7,0	1000	16000
PWWTGG35030 Z	5410439208550	3,5	30	Tx 15	7,0	1000	16000
PWWTGG35035 Z	5410439376020	3,5	35	Tx 15	7,0	1000	12000
PWWTGG40030 Z	5410439376037	4,0	30	Tx 20	8,0	1000	16000
PWWTGG40035 Z	5410439376044	4,0	35	Tx 20	8,0	1000	12000
PWWTGG40040 Z	5410439376051	4,0	40	Tx 20	8,0	1000	8000
PWWTGG45070 Z	5410439376068	4,5	70	Tx 20	9,0	200	3200
PWWTGG45080 Z	5410439376075	4,5	80	Tx 20	9,0	200	3200
PWWTGG50060 Z	5410439376082	5,0	60	Tx 25	10,0	200	3200
PWWTGG50070 Z	5410439376099	5,0	70	Tx 25	10,0	200	2400
PWWTGG50080 Z	5410439376105	5,0	80	Tx 25	10,0	200	2400
PWWTGG50090 Z	5410439376112	5,0	90	Tx 25	10,0	200	2400
PWWTGG50100 Z	5410439376129	5,0	100	Tx 25	10,0	200	1600
PWWTGG50120 Z	5410439376136	5,0	120	Tx 25	10,0	200	1600
PWWTGG60060 Z	5410439376143	6,0	60	Tx 30	12,0	200	2400
PWWTGG60070 Z	5410439376150	6,0	70	Tx 30	12,0	200	2400
PWWTGG60080 Z	5410439376167	6,0	80	Tx 30	12,0	200	1600
PWWTGG60090 Z	5410439376174	6,0	90	Tx 30	12,0	200	1600
PWWTGG60100 Z	5410439376181	6,0	100	Tx 30	12,0	100	1600
PWWTGG60110 Z	5410439376198	6,0	110	Tx 30	12,0	100	1600
PWWTGG60120 Z	5410439376204	6,0	120	Tx 30	12,0	100	1200
PWWTGG60130 Z	5410439376211	6,0	130	Tx 30	12,0	100	1200
PWWTGG60140 Z	5410439376228	6,0	140	Tx 30	12,0	100	1200
PWWTGG60150 Z	5410439376235	6,0	150	Tx 30	12,0	100	1200
PWWTGG60160 Z	5410439376242	6,0	160	Tx 30	12,0	100	1200
PWWTGG60180 Z	5410439376259	6,0	180	Tx 30	12,0	100	800
PWWTGG60200 Z	5410439376266	6,0	200	Tx 30	12,0	100	800
PWWTGK30025 Z	5410439338837	3,0	25	Tx 10	6,0	200	16000
PWWTGK30030 Z	5410439376273	3,0	30	Tx 10	6,0	200	12000

PWVTG

Chipboard screw pfs+ with double countersunk head, T-drive
with 4 ribs under the head, special cutting point type 17, partial thread, hardened and waxed

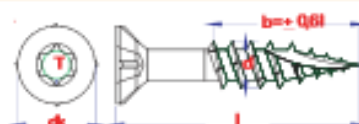
Spaanderplaatschroef pfs+ dubbel verzonken kop, T-drive
met 4 freesribben onder de kop, speciale snijpunt type 17, gedeeltelijke draad, gehard en gewaxt



Vis à panneaux pfs+ double tête fraisée, empreinte étoile-T
avec 4 nervures sous la tête, pointe coupante type 17, filet partiel, trempée et lubrifiée

Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb
4 Fräsrillen, Cuf-Spitze Typ 17, Teilgewinde, gehärtet und gleitbeschichtet







Art. Nr. [mm]	EAN code	D [mm]	L [mm]	T [mm]	dk [mm]		
PWVTGK30035 Z	5410439376280	3,0	35	Tx 10	6,0	200	12000
PWVTGK30040 Z	5410439376297	3,0	40	Tx 10	6,0	200	9600
PWVTGK35025 Z	5410439338844	3,5	25	Tx 15	7,0	200	16000
PWVTGK35030 Z	5410439376303	3,5	30	Tx 15	7,0	200	12000
PWVTGK35035 Z	5410439376310	3,5	35	Tx 15	7,0	200	12000
PWVTGK35040 Z	5410439376327	3,5	40	Tx 15	7,0	200	7200
PWVTGK35045 Z	5410439376334	3,5	45	Tx 15	7,0	200	7200
PWVTGK35050 Z	5410439376341	3,5	50	Tx 15	7,0	200	7200
PWVTGK40030 Z	5410439376358	4,0	30	Tx 20	8,0	200	12000
PWVTGK40035 Z	5410439376365	4,0	35	Tx 20	8,0	200	9600
PWVTGK40040 Z	5410439376372	4,0	40	Tx 20	8,0	200	7200
PWVTGK40045 Z	5410439376389	4,0	45	Tx 20	8,0	200	7200
PWVTGK40050 Z	5410439376396	4,0	50	Tx 20	8,0	200	7200
PWVTGK40060 Z	5410439376402	4,0	60	Tx 20	8,0	200	4800
PWVTGK40070 Z	5410439376419	4,0	70	Tx 20	8,0	200	3200
PWVTGK45030 Z	5410439376426	4,5	30	Tx 20	9,0	200	9600
PWVTGK45035 Z	5410439376433	4,5	35	Tx 20	9,0	200	7200
PWVTGK45040 Z	5410439376440	4,5	40	Tx 20	9,0	200	7200
PWVTGK45045 Z	5410439376457	4,5	45	Tx 20	9,0	200	4800
PWVTGK45050 Z	5410439376464	4,5	50	Tx 20	9,0	200	4800
PWVTGK45060 Z	5410439376471	4,5	60	Tx 20	9,0	200	3200
PWVTGK50040 Z	5410439376488	5,0	40	Tx 25	10,0	200	7200
PWVTGK50045 Z	5410439376495	5,0	45	Tx 25	10,0	200	4800
PWVTGK50050 Z	5410439376501	5,0	50	Tx 25	10,0	200	4800