

## PWVTG101



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

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1. *Unique identification code of the product-type:*  
**PWVTG 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:*

<b>Generic type:</b>	Wood screw “pfs <sup>+</sup> ” with partial thread with 4 flutes, double countersunk head with 4 nibs under the head, T-drive recess.
<b>Material:</b>	Stainless steel A2 grade 60 according to EN ISO 3506-1
<b>Service class:</b>	Service class 1, 2 and 3 according to EN 1995-1-1
<b>Fire resistance:</b>	NPD
<b>Reaction to fire:</b>	Classification A1 according to EN13501-1
<b>Intended use:</b>	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 4	Ø 4,5	Ø 5,0
Characteristic yield moment $M_{y,k}$	[Nmm]	-	3980	6180
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm <sup>2</sup> ]	18,1	18,7	15,4
Wood density	$\rho_k$ [kg/m <sup>3</sup> ]	450		
Characteristic head pull-through parameter $f_{head,k}$	[N/mm <sup>2</sup> ]	18,9	25,9	21,2
Wood density	$\rho_k$ [kg/m <sup>3</sup> ]	450		
Characteristic tensile capacity $f_{tens,k}$	[kN]	4,09	5,77	7,74
Characteristic torsional strength $f_{tor,k}$	[Nm]	2,29	3,96	6,03
Characteristic torsional resistance $R_{tor,k}$	[Nm]	0,49	1,36	2,41
Characteristic torsional ratio ( $\rho_k$ 450 kg/m <sup>3</sup> ) $f_{tor,k} / R_{tor,k} \geq 1,5$	[-]	4,67	2,91	2,50

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: 5px;">                     nv pgb-Europe sa                      Gontrode Heirweg 170                      9090 MELLE                      BE 0425 888 396                 </div>	Johannes Heye, product manager 

## 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

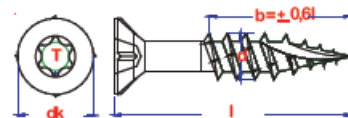
**Vis à panneaux pfs+ double tête fraisée, empreinte étoile-T**  
avec 4 nervures sous la tête, pointe coupante type 17, filet partiel, trempée et lubrifiée



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

A2  
inox







Art. Nr.	EAN code	D [mm]	L [mm]	T	dk [mm]		
PWVTGK40030 A2	5410439363747	4,0	30	Tx 20	8	200	12000
PWVTGK40040 A2	5410439363754	4,0	40	Tx 20	8	200	7200
PWVTGK40045 A2	5410439363761	4,0	45	Tx 20	8	200	7200
PWVTGK40050 A2	5410439363778	4,0	50	Tx 20	8	200	7200
PWVTGK40060 A2	5410439363785	4,0	60	Tx 20	8	200	4800
PWVTGK45050 A2	5410439363808	4,5	50	Tx 20	9	200	4800
PWVTGK45060 A2	5410439363815	4,5	60	Tx 20	9	200	3200
PWVTGK45070 A2	5410439363730	4,5	70	Tx 20	9	200	3200
PWVTGK45080 A2	5410439363822	4,5	80	Tx 20	9	200	3200
PWVTGK50050 A2	5410439363945	5,0	50	Tx 25	10	200	4800
PWVTGK50060 A2	5410439363839	5,0	60	Tx 25	10	200	3200
PWVTGK50070 A2	5410439363846	5,0	70	Tx 25	10	200	2400
PWVTGK50080 A2	5410439363853	5,0	80	Tx 25	10	200	2400
PWVTGK50090 A2	5410439363860	5,0	90	Tx 25	10	200	2400
PWVTGK50100 A2	5410439363877	5,0	100	Tx 25	10	200	1600