

## PWVTV001



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:*  
**PWVTV**
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+" with full thread with 4 flutes, double countersunk head with 4 nibs under the head, T-drive recess. |
| <b>Material:</b>             | Carbon steel ASTM-SAE C1022 (case hardened)   |
| <b>Corrosion protection:</b> | Zinc plating Cr3+, minimum 5 µm above class 24<br>Yellow zinc plating Cr6+, minimum 5 µm above class 24               |
| <b>Service class:</b>        | Service class 1 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>         | 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

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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]                         | 1587                                     | 2822                                     | 3559                                     | 5188 <sup>1</sup><br>6994 <sup>2</sup>   | 6984 <sup>1</sup><br>10409 <sup>2</sup>  | 12043 <sup>1</sup><br>17109 <sup>2</sup> |
| Characteristic withdrawal parameter $f_{ax,k}$                    | [N/mm <sup>2</sup> ]          | 19,53 <sup>3</sup><br>13,39 <sup>4</sup> | 18,01 <sup>3</sup><br>14,61 <sup>4</sup> | 17,65 <sup>3</sup><br>15,33 <sup>4</sup> | 18,61 <sup>3</sup><br>14,62 <sup>4</sup> | 19,15 <sup>3</sup><br>18,10 <sup>4</sup> | 17,63 <sup>3</sup><br>14,56 <sup>4</sup> |
| Wood density  | $\rho_k$ [kg/m <sup>3</sup> ] | 400                                      |  |  |  |  |  |
| Characteristic head pull-through parameter $f_{head,k}$           | [N/mm <sup>2</sup> ]          | 35,37                                    | 30,25                                    | 23,25                                    | 19,92                                    | 23,69                                    | 25,28                                    |
| Wood density  | $\rho_k$ [kg/m <sup>3</sup> ] | 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 ( $\rho_k$ 450 kg/m <sup>3</sup> ) | [-]                           | 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 | Signature  |
|-------------------------|--|
| Melle, 1/07/2013        | <div style="border: 1px solid black; padding: 5px; display: inline-block;">                     nv pgb-Europe sa<br/>                     Gontrode Heirweg 170<br/>                     9090 MELLE<br/>                     BE 0425 888 396                 </div> Johannes Heye, product manager<br> |

<sup>1</sup> Smooth part

<sup>2</sup> Threaded part

<sup>3</sup> Loading across the fiber

<sup>4</sup> Loading along the fiber

## Annex 1 : Product overview

PWVTV

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

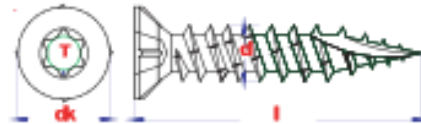
**Spaanderplaatschroef pfs+ dubbel verzonken kop, T-drive**  
met 4 freeribben onder de kop, speciale snijpunt type 17, volledige draad, gehard en gewaxt



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

**Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb**  
4 Fräserippen, Cut-Spitze Typ 17, Gewinde bis Kopf, gehärtet und gleitbeschichtet







| Art. Nr.<br>[mm] | EAN code      | D<br>[mm] | L<br>[mm] | T<br>[mm] | dk<br>[mm] |  |  |
|------------------|---------------|-----------|-----------|-----------|------------|---|---|
| PWVTVK25012 GZ   | 5410439303514 | 2,5       | 12        | Tx 8      | 5,0        | 200   | 28800   |
| PWVTVK25016 GZ   | 5410439303521 | 2,5       | 16        | Tx 8      | 5,0        | 200   | 28800   |
| PWVTVK25020 GZ   | 5410439202473 | 2,5       | 20        | Tx 8      | 5,0        | 200   | 28800   |
| PWVTVK25025 GZ   | 5410439202480 | 2,5       | 25        | Tx 8      | 5,0        | 200   | 16000   |
| PWVTVK30010 GZ   | 5410439201780 | 3,0       | 10        | Tx 10     | 6,0        | 200   | 28800   |
| PWVTVK30012 GZ   | 5410439004015 | 3,0       | 12        | Tx 10     | 6,0        | 200   | 28800   |
| PWVTVK30016 GZ   | 5410439004022 | 3,0       | 16        | Tx 10     | 6,0        | 200   | 28800   |
| PWVTVK30020 GZ   | 5410439004039 | 3,0       | 20        | Tx 10     | 6,0        | 200   | 16000   |
| PWVTVK30025 GZ   | 5410439004046 | 3,0       | 25        | Tx 10     | 6,0        | 200   | 16000   |
| PWVTVK30030 GZ   | 5410439004053 | 3,0       | 30        | Tx 10     | 6,0        | 200   | 12000   |
| PWVTVK30035 GZ   | 5410439004060 | 3,0       | 35        | Tx 10     | 6,0        | 200   | 12000   |
| PWVTVK30040 GZ   | 5410439107341 | 3,0       | 40        | Tx 10     | 6,0        | 200   | 9600  |
| PWVTVK35012 GZ   | 5410439004077 | 3,5       | 12        | Tx 15     | 7,0        | 200   | 28800   |
| PWVTVK35016 GZ   | 5410439004084 | 3,5       | 16        | Tx 15     | 7,0        | 200   | 28800   |
| PWVTVK35020 GZ   | 5410439004091 | 3,5       | 20        | Tx 15     | 7,0        | 200   | 16000   |
| PWVTVK35025 GZ   | 5410439004107 | 3,5       | 25        | Tx 15     | 7,0        | 200   | 16000   |
| PWVTVK35030 GZ   | 5410439004114 | 3,5       | 30        | Tx 15     | 7,0        | 200   | 12000   |
| PWVTVK35035 GZ   | 5410439004121 | 3,5       | 35        | Tx 15     | 7,0        | 200   | 12000   |
| PWVTVK35040 GZ   | 5410439004138 | 3,5       | 40        | Tx 15     | 7,0        | 200   | 7200  |
| PWVTVK35045 GZ   | 5410439004145 | 3,5       | 45        | Tx 15     | 7,0        | 200   | 7200  |
| PWVTVK35050 GZ   | 5410439004152 | 3,5       | 50        | Tx 15     | 7,0        | 200   | 7200  |
| PWVTVK40012 GZ   | 5410439004169 | 4,0       | 12        | Tx 20     | 8,0        | 200   | 28800   |
| PWVTVK40016 GZ   | 5410439004176 | 4,0       | 16        | Tx 20     | 8,0        | 200   | 16000   |
| PWVTVK40020 GZ   | 5410439004183 | 4,0       | 20        | Tx 20     | 8,0        | 200   | 16000   |
| PWVTVK40025 GZ   | 5410439004190 | 4,0       | 25        | Tx 20     | 8,0        | 200   | 12000   |
| PWVTVK40030 GZ   | 5410439004206 | 4,0       | 30        | Tx 20     | 8,0        | 200   | 12000   |
| PWVTVK40035 GZ   | 5410439004213 | 4,0       | 35        | Tx 20     | 8,0        | 200   | 9600  |
| PWVTVK40040 GZ   | 5410439004220 | 4,0       | 40        | Tx 20     | 8,0        | 200   | 7200  |
| PWVTVK40045 GZ   | 5410439004237 | 4,0       | 45        | Tx 20     | 8,0        | 200   | 7200  |

PWVTV

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

**Spaanderplaatschroef pfs+ dubbel verzonken kop, T-drive**  
met 4 freesribben onder de kop, speciale snijpunt type 17, volledige 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 total, trempée et lubrifiée

**Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb**  
4 Fräsrillen, Cut-Spitze Typ 17, Gewinde bis Kopf, gehärtet und gleitbeschichtet







| Art. Nr.<br>[mm] | EAN code      | D<br>[mm] | L<br>[mm] | T<br>[mm] | dk<br>[mm] |  |  |
|------------------|---------------|-----------|-----------|-----------|------------|---|---|
| PWVTVK40050 GZ   | 5410439004244 | 4,0       | 50        | Tx 20     | 8,0        | 200   | 7200  |
| PWVTVK40055 GZ   | 5410439004251 | 4,0       | 55        | Tx 20     | 8,0        | 200   | 4800  |
| PWVTVK40060 GZ   | 5410439004268 | 4,0       | 60        | Tx 20     | 8,0        | 200   | 4800  |
| PWVTVK45016 GZ   | 5410439004282 | 4,5       | 16        | Tx 20     | 9,0        | 200   | 16000   |
| PWVTVK45020 GZ   | 5410439004299 | 4,5       | 20        | Tx 20     | 9,0        | 200   | 12000   |
| PWVTVK45025 GZ   | 5410439004305 | 4,5       | 25        | Tx 20     | 9,0        | 200   | 12000   |
| PWVTVK45030 GZ   | 5410439004312 | 4,5       | 30        | Tx 20     | 9,0        | 200   | 9600  |
| PWVTVK45035 GZ   | 5410439004329 | 4,5       | 35        | Tx 20     | 9,0        | 200   | 7200  |
| PWVTVK45040 GZ   | 5410439004336 | 4,5       | 40        | Tx 20     | 9,0        | 200   | 7200  |
| PWVTVK45045 GZ   | 5410439004343 | 4,5       | 45        | Tx 20     | 9,0        | 200   | 4800  |
| PWVTVK45050 GZ   | 5410439004350 | 4,5       | 50        | Tx 20     | 9,0        | 200   | 4800  |
| PWVTVK45055 GZ   | 5410439004367 | 4,5       | 55        | Tx 20     | 9,0        | 200   | 4800  |
| PWVTVK45060 GZ   | 5410439004374 | 4,5       | 60        | Tx 20     | 9,0        | 200   | 3200  |
| PWVTVK45070 GZ   | 5410439201797 | 4,5       | 70        | Tx 20     | 9,0        | 200   | 3200  |
| PWVTVK50016 GZ   | 5410439004404 | 5,0       | 16        | Tx 25     | 10,0       | 200   | 12000   |
| PWVTVK50020 GZ   | 5410439004411 | 5,0       | 20        | Tx 25     | 10,0       | 200   | 9600  |
| PWVTVK50025 GZ   | 5410439004428 | 5,0       | 25        | Tx 25     | 10,0       | 200   | 9600  |
| PWVTVK50030 GZ   | 5410439004435 | 5,0       | 30        | Tx 25     | 10,0       | 200   | 7200  |
| PWVTVK50035 GZ   | 5410439004442 | 5,0       | 35        | Tx 25     | 10,0       | 200   | 7200  |
| PWVTVK50040 GZ   | 5410439004459 | 5,0       | 40        | Tx 25     | 10,0       | 200   | 7200  |
| PWVTVK50045 GZ   | 5410439004466 | 5,0       | 45        | Tx 25     | 10,0       | 200   | 4800  |
| PWVTVK50050 GZ   | 5410439004473 | 5,0       | 50        | Tx 25     | 10,0       | 200   | 4800  |
| PWVTVK50055 GZ   | 5410439004480 | 5,0       | 55        | Tx 25     | 10,0       | 200   | 4800  |
| PWVTVK50060 GZ   | 5410439004497 | 5,0       | 60        | Tx 25     | 10,0       | 200   | 3200  |
| PWVTVK50070 GZ   | 5410439201803 | 5,0       | 70        | Tx 25     | 10,0       | 200   | 2400  |
| PWVTVK60030 GZ   | 5410439201827 | 6,0       | 30        | Tx 30     | 12,0       | 200   | 7200  |
| PWVTVK60035 GZ   | 5410439201834 | 6,0       | 35        | Tx 30     | 12,0       | 200   | 4800  |
| PWVTVK60040 GZ   | 5410439201841 | 6,0       | 40        | Tx 30     | 12,0       | 200   | 4800  |
| PWVTVK60045 GZ   | 5410439201858 | 6,0       | 45        | Tx 30     | 12,0       | 200   | 3200  |





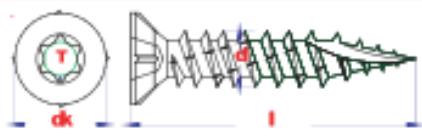
**Chipboard screw pfs+ with double countersunk head, T-drive**  
with 4 ribs under the head, special cutting point type 17, full thread, hardened and waxed



**Spaanderplaatschroef pfs+ dubbel verzonken kop, T-drive**  
met 4 freeribben onder de kop, speciale snijpunt type 17, volledige 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 total, trempée et lubrifiée

**Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb**  
4 Fräerippen, Cut-Spitze Typ 17, Gewinde bis Kopf, gehärtet und gleitbeschichtet

| Art. Nr.<br>[mm] | EAN code      | D<br>[mm] | L<br>[mm] | T<br>[mm] | dk<br>[mm] |  |  |
|------------------|---------------|-----------|-----------|-----------|------------|---|---|
| PWVTVK60050 GZ   | 5410439176606 | 6,0       | 50        | Tx 30     | 12,0       | 200   | 3200  |
| PWVTVK60055 GZ   | 5410439201865 | 6,0       | 55        | Tx 30     | 12,0       | 200   | 3200  |
| PWVTVK60060 GZ   | 5410439176620 | 6,0       | 60        | Tx 30     | 12,0       | 200   | 2400  |
| PWVTVK60070 GZ   | 5410439201872 | 6,0       | 70        | Tx 30     | 12,0       | 200   | 1600  |



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



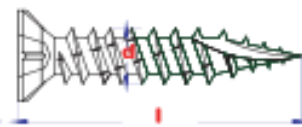
**Spaanderplaat Schroef pfs+ dubbel verzonken kop, T-drive**  
met 4 freerribben onder de kop, speciale snijpunt type 17, volledige draad, gehard en gewaxt



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avec 4 nervures sous la tête, pointe coupante type 17, filet total, trempée et lubrifiée



**Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb**  
4 Fräsrillen, Cut-Spitze Typ 17, Gewinde bis Kopf, gehärtet und gleitbeschichtet



| Art. Nr.<br>[mm] | EAN code      | D<br>[mm] | L<br>[mm] | T<br>[mm] | dk<br>[mm] |      |       |
|------------------|---------------|-----------|-----------|-----------|------------|------|-------|
| PWVTVG35016 Z    | 5410439338875 | 3,5       | 16        | Tx 15     | 7,0        | 1000 | 36000 |
| PWVTVG35020 Z    | 5410439376518 | 3,5       | 20        | Tx 15     | 7,0        | 1000 | 36000 |
| PWVTVG35025 Z    | 5410439376525 | 3,5       | 25        | Tx 15     | 7,0        | 1000 | 16000 |
| PWVTVG35030 Z    | 5410439376532 | 3,5       | 30        | Tx 15     | 7,0        | 1000 | 16000 |
| PWVTVG40016 Z    | 5410439376549 | 4,0       | 16        | Tx 20     | 8,0        | 1000 | 36000 |
| PWVTVG40020 Z    | 5410439376556 | 4,0       | 20        | Tx 20     | 8,0        | 1000 | 16000 |
| PWVTVG40025 Z    | 5410439376563 | 4,0       | 25        | Tx 20     | 8,0        | 1000 | 16000 |
| PWVTVG40030 Z    | 5410439376570 | 4,0       | 30        | Tx 20     | 8,0        | 1000 | 16000 |
| PWVTVG40035 Z    | 5410439376587 | 4,0       | 35        | Tx 20     | 8,0        | 1000 | 12000 |
| PWVTVG40040 Z    | 5410439376594 | 4,0       | 40        | Tx 20     | 8,0        | 1000 | 8000  |
| PWVTVG50060 Z    | 5410439376600 | 5,0       | 60        | Tx 25     | 10,0       | 200  | 3200  |
| PWVTVG50070 Z    | 5410439376617 | 5,0       | 70        | Tx 25     | 10,0       | 200  | 2400  |
| PWVTVG60050 Z    | 5410439376624 | 6,0       | 50        | Tx 30     | 12,0       | 200  | 3200  |
| PWVTVG60060 Z    | 5410439376631 | 6,0       | 60        | Tx 30     | 12,0       | 200  | 2400  |
| PWVTVG60070 Z    | 5410439376648 | 6,0       | 70        | Tx 30     | 12,0       | 200  | 2400  |
| PWVTVK30012 Z    | 5410439376655 | 3,0       | 12        | Tx 10     | 6,0        | 200  | 28800 |
| PWVTVK30016 Z    | 5410439376662 | 3,0       | 16        | Tx 10     | 6,0        | 200  | 28800 |
| PWVTVK30020 Z    | 5410439376679 | 3,0       | 20        | Tx 10     | 6,0        | 200  | 16000 |
| PWVTVK30025 Z    | 5410439376686 | 3,0       | 25        | Tx 10     | 6,0        | 200  | 16000 |
| PWVTVK30030 Z    | 5410439376693 | 3,0       | 30        | Tx 10     | 6,0        | 200  | 12000 |
| PWVTVK30035 Z    | 5410439376709 | 3,0       | 35        | Tx 10     | 6,0        | 200  | 12000 |
| PWVTVK30040 Z    | 5410439376716 | 3,0       | 40        | Tx 10     | 6,0        | 200  | 9600  |
| PWVTVK35012 Z    | 5410439376723 | 3,5       | 12        | Tx 15     | 7,0        | 200  | 28800 |
| PWVTVK35016 Z    | 5410439338868 | 3,5       | 16        | Tx 15     | 7,0        | 200  | 28800 |
| PWVTVK35020 Z    | 5410439376730 | 3,5       | 20        | Tx 15     | 7,0        | 200  | 16000 |
| PWVTVK35025 Z    | 5410439376747 | 3,5       | 25        | Tx 15     | 7,0        | 200  | 16000 |
| PWVTVK35030 Z    | 5410439376754 | 3,5       | 30        | Tx 15     | 7,0        | 200  | 12000 |
| PWVTVK35035 Z    | 5410439376761 | 3,5       | 35        | Tx 15     | 7,0        | 200  | 12000 |
| PWVTVK35040 Z    | 5410439376778 | 3,5       | 40        | Tx 15     | 7,0        | 200  | 7200  |

PWVTV

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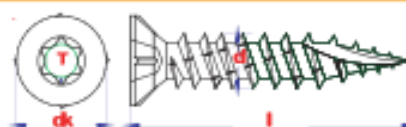
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avec 4 nervures sous la tête, pointe coupante type 17, filet total, trempée et lubrifiée



**Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb**  
4 Fräsrillen, Cut-Spitze Typ 17, Gewinde bis Kopf, gehärtet und gleitbeschichtet



| Art. Nr.<br>[mm] | EAN code      | D<br>[mm] | L<br>[mm] | T<br>[mm] | dk<br>[mm] |     |       |
|------------------|---------------|-----------|-----------|-----------|------------|-----|-------|
| PWVTVK35045 Z    | 5410439376785 | 3,5       | 45        | Tx 15     | 7,0        | 200 | 7200  |
| PWVTVK35050 Z    | 5410439376792 | 3,5       | 50        | Tx 15     | 7,0        | 200 | 7200  |
| PWVTVK40012 Z    | 5410439376808 | 4,0       | 12        | Tx 20     | 8,0        | 200 | 28800 |
| PWVTVK40016 Z    | 5410439376815 | 4,0       | 16        | Tx 20     | 8,0        | 200 | 16000 |
| PWVTVK40020 Z    | 5410439376822 | 4,0       | 20        | Tx 20     | 8,0        | 200 | 16000 |
| PWVTVK40025 Z    | 5410439376839 | 4,0       | 25        | Tx 20     | 8,0        | 200 | 12000 |
| PWVTVK40030 Z    | 5410439376846 | 4,0       | 30        | Tx 20     | 8,0        | 200 | 12000 |
| PWVTVK40035 Z    | 5410439376853 | 4,0       | 35        | Tx 20     | 8,0        | 200 | 9600  |
| PWVTVK40040 Z    | 5410439376860 | 4,0       | 40        | Tx 20     | 8,0        | 200 | 7200  |
| PWVTVK40045 Z    | 5410439376877 | 4,0       | 45        | Tx 20     | 8,0        | 200 | 7200  |
| PWVTVK40050 Z    | 5410439376884 | 4,0       | 50        | Tx 20     | 8,0        | 200 | 7200  |
| PWVTVK40060 Z    | 5410439376891 | 4,0       | 60        | Tx 20     | 8,0        | 200 | 4800  |
| PWVTVK45016 Z    | 5410439376907 | 4,5       | 16        | Tx 20     | 9,0        | 200 | 16000 |
| PWVTVK45020 Z    | 5410439376914 | 4,5       | 20        | Tx 20     | 9,0        | 200 | 12000 |
| PWVTVK45025 Z    | 5410439376921 | 4,5       | 25        | Tx 20     | 9,0        | 200 | 12000 |
| PWVTVK45030 Z    | 5410439376938 | 4,5       | 30        | Tx 20     | 9,0        | 200 | 9600  |
| PWVTVK45035 Z    | 5410439376945 | 4,5       | 35        | Tx 20     | 9,0        | 200 | 7200  |
| PWVTVK45040 Z    | 5410439376952 | 4,5       | 40        | Tx 20     | 9,0        | 200 | 7200  |
| PWVTVK45045 Z    | 5410439376969 | 4,5       | 45        | Tx 20     | 9,0        | 200 | 4800  |
| PWVTVK45050 Z    | 5410439376976 | 4,5       | 50        | Tx 20     | 9,0        | 200 | 4800  |
| PWVTVK45060 Z    | 5410439376983 | 4,5       | 60        | Tx 20     | 9,0        | 200 | 3200  |
| PWVTVK50016 Z    | 5410439376990 | 5,0       | 16        | Tx 25     | 10,0       | 200 | 12000 |
| PWVTVK50020 Z    | 5410439377003 | 5,0       | 20        | Tx 25     | 10,0       | 200 | 9600  |
| PWVTVK50025 Z    | 5410439377010 | 5,0       | 25        | Tx 25     | 10,0       | 200 | 9600  |
| PWVTVK50030 Z    | 5410439377027 | 5,0       | 30        | Tx 25     | 10,0       | 200 | 7200  |
| PWVTVK50035 Z    | 5410439377034 | 5,0       | 35        | Tx 25     | 10,0       | 200 | 7200  |
| PWVTVK50040 Z    | 5410439377041 | 5,0       | 40        | Tx 25     | 10,0       | 200 | 7200  |
| PWVTVK50045 Z    | 5410439377058 | 5,0       | 45        | Tx 25     | 10,0       | 200 | 4800  |
| PWVTVK50050 Z    | 5410439377065 | 5,0       | 50        | Tx 25     | 10,0       | 200 | 4800  |

PWVTV

**Chipboard screw pfs+ with double countersunk head, T-drive**

with 4 ribs under the head, special cutting point type 17, full thread, hardened and waxed



**Spaanderplaatschroef pfs+ dubbel verzonken kop, T-drive**

met 4 freerribben onder de kop, speciale snijpunt type 17, volledige 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 total, trempée et lubrifiée



**Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb**

4 Fräsrillen, Cut-Spitze Typ 17, Gewinde bis Kopf, gehärtet und gleitbeschichtet



| Art. Nr.<br>[mm] | EAN code      | D<br>[mm] | L<br>[mm] | T<br>[mm] | dk<br>[mm] |     |      |
|------------------|---------------|-----------|-----------|-----------|------------|-----|------|
| PWVTVK60030 Z    | 5410439377072 | 6,0       | 30        | Tx 30     | 12,0       | 200 | 7200 |
| PWVTVK60040 Z    | 5410439377089 | 6,0       | 40        | Tx 30     | 12,0       | 200 | 4800 |
| PWVTVK60045 Z    | 5410439377096 | 6,0       | 45        | Tx 30     | 12,0       | 200 | 3200 |