

## MWVZV001



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:*  
**MWVZV**
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 with full thread and double countersunk head with pozidriv recess
<b>Material:</b>	Carbon steel ASTM-SAE C1022 (case hardened)
<b>Corrosion protection:</b>	Zinc plating Cr3+, minimum 5 µm above class 24 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

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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> 6994 <sup>2</sup>	6984 <sup>1</sup> 10409 <sup>2</sup>	12043 <sup>1</sup> 17109 <sup>2</sup>
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm <sup>2</sup> ]	19,53 <sup>3</sup> 13,39 <sup>4</sup>	18,01 <sup>3</sup> 14,61 <sup>4</sup>	17,65 <sup>3</sup> 15,33 <sup>4</sup>	18,61 <sup>3</sup> 14,62 <sup>4</sup>	19,15 <sup>3</sup> 18,10 <sup>4</sup>	17,63 <sup>3</sup> 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	 nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 

<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

**Chipboard screw with double countersunk head, pozidriv**  
with full thread, hardened and waxed

**Spaanderplaatschroef dubbel verzonken kop, pozidriv**  
met volledige draad, gehard en gewaxt



**Vis à panneaux double tête fraisée, empreinte pozi**  
avec filet complet, trempée et lubrifiée

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb**  
mit Vollgewinde, gehärtet und gleitbeschichtet




Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZVG30010 GZ	5410439105255	3,0	10	PZ 1	6,0	1000	48000
MWVZVG30012 GZ	5410439105262	3,0	12	PZ 1	6,0	1000	48000
MWVZVG30016 GZ	5410439105279	3,0	16	PZ 1	6,0	1000	48000
MWVZVG30020 GZ	5410439105286	3,0	20	PZ 1	6,0	1000	36000
MWVZVG30025 GZ	5410439105293	3,0	25	PZ 1	6,0	1000	24000
MWVZVG30030 GZ	5410439105309	3,0	30	PZ 1	6,0	1000	16000
MWVZVG30035 GZ	5410439105316	3,0	35	PZ 1	6,0	1000	16000
MWVZVG30040 GZ	5410439105323	3,0	40	PZ 1	6,0	1000	12000
MWVZVG35012 GZ	5410439105330	3,5	12	PZ 2	7,0	1000	48000
MWVZVG35016 GZ	5410439105347	3,5	16	PZ 2	7,0	1000	36000
MWVZVG35020 GZ	5410439105354	3,5	20	PZ 2	7,0	1000	36000
MWVZVG35025 GZ	5410439105361	3,5	25	PZ 2	7,0	1000	16000
MWVZVG35030 GZ	5410439105378	3,5	30	PZ 2	7,0	1000	16000
MWVZVG35035 GZ	5410439105385	3,5	35	PZ 2	7,0	1000	12000
MWVZVG35040 GZ	5410439105392	3,5	40	PZ 2	7,0	1000	8000
MWVZVG35045 GZ	5410439105408	3,5	45	PZ 2	7,0	1000	8000
MWVZVG35050 GZ	5410439105415	3,5	50	PZ 2	7,0	500	6000
MWVZVG40012 GZ	5410439105422	4,0	12	PZ 2	8,0	1000	36000
MWVZVG40016 GZ	5410439105439	4,0	16	PZ 2	8,0	1000	36000
MWVZVG40020 GZ	5410439105446	4,0	20	PZ 2	8,0	1000	16000
MWVZVG40025 GZ	5410439105453	4,0	25	PZ 2	8,0	1000	16000
MWVZVG40030 GZ	5410439105460	4,0	30	PZ 2	8,0	1000	16000
MWVZVG40035 GZ	5410439105477	4,0	35	PZ 2	8,0	1000	12000
MWVZVG40040 GZ	5410439105484	4,0	40	PZ 2	8,0	1000	8000
MWVZVG40045 GZ	5410439105491	4,0	45	PZ 2	8,0	500	8000
MWVZVG40050 GZ	5410439105507	4,0	50	PZ 2	8,0	500	6000
MWVZVG40055 GZ	5410439105514	4,0	55	PZ 2	8,0	500	4000
MWVZVG40060 GZ	5410439105521	4,0	60	PZ 2	8,0	500	4000
MWVZVG45016 GZ	5410439105545	4,5	16	PZ 2	9,0	1000	16000



MWVZV

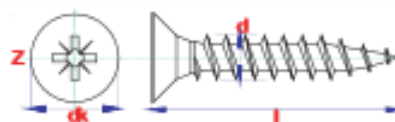
**Chipboard screw with double countersunk head, pozidriv**  
with full thread, hardened and waxed



**Spaanderplaatschroef dubbel verzonken kop, pozidriv**  
met volledige draad, gehard en gewaxt

**Vis à panneaux double tête fraisée, empreinte pozi**  
avec filet complet, trempée et lubrifiée

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb**  
mit Vollgewinde, gehärtet und gleitbeschichtet



Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZVG45020 GZ	5410439105552	4,5	20	PZ 2	9,0	1000	16000
MWVZVG45025 GZ	5410439105569	4,5	25	PZ 2	9,0	1000	16000
MWVZVG45030 GZ	5410439105576	4,5	30	PZ 2	9,0	1000	12000
MWVZVG45035 GZ	5410439105583	4,5	35	PZ 2	9,0	500	8000
MWVZVG45040 GZ	5410439105590	4,5	40	PZ 2	9,0	500	8000
MWVZVG45045 GZ	5410439105606	4,5	45	PZ 2	9,0	500	6000
MWVZVG45050 GZ	5410439105613	4,5	50	PZ 2	9,0	500	6000
MWVZVG45055 GZ	5410439105620	4,5	55	PZ 2	9,0	500	4000
MWVZVG45060 GZ	5410439105637	4,5	60	PZ 2	9,0	500	4000
MWVZVG45070 GZ	5410439105644	4,5	70	PZ 2	9,0	200	3200
MWVZVG50016 GZ	5410439105668	5,0	16	PZ 2	10,0	1000	16000
MWVZVG50020 GZ	5410439105675	5,0	20	PZ 2	10,0	1000	16000
MWVZVG50025 GZ	5410439105682	5,0	25	PZ 2	10,0	1000	12000
MWVZVG50030 GZ	5410439105699	5,0	30	PZ 2	10,0	500	8000
MWVZVG50035 GZ	5410439105705	5,0	35	PZ 2	10,0	500	8000
MWVZVG50040 GZ	5410439105712	5,0	40	PZ 2	10,0	500	6000
MWVZVG50045 GZ	5410439105729	5,0	45	PZ 2	10,0	500	6000
MWVZVG50050 GZ	5410439105736	5,0	50	PZ 2	10,0	500	4000
MWVZVG50055 GZ	5410439105743	5,0	55	PZ 2	10,0	500	4000
MWVZVG50060 GZ	5410439105750	5,0	60	PZ 2	10,0	200	3200
MWVZVG50070 GZ	5410439105767	5,0	70	PZ 2	10,0	200	2400
MWVZVG60030 GZ	5410439105804	6,0	30	PZ 3	12,0	500	6000
MWVZVG60035 GZ	5410439105811	6,0	35	PZ 3	12,0	500	6000
MWVZVG60040 GZ	5410439105828	6,0	40	PZ 3	12,0	500	4000
MWVZVG60045 GZ	5410439105835	6,0	45	PZ 3	12,0	500	4000
MWVZVG60050 GZ	5410439105842	6,0	50	PZ 3	12,0	200	3200
MWVZVG60055 GZ	5410439105859	6,0	55	PZ 3	12,0	200	3200
MWVZVG60060 GZ	5410439105866	6,0	60	PZ 3	12,0	200	2400
MWVZVG60070 GZ	5410439105873	6,0	70	PZ 3	12,0	200	2400

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MWVZV

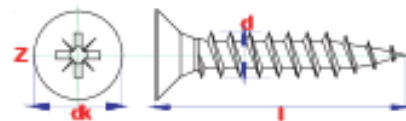
**Chipboard screw with double countersunk head, pozidriv**  
with full thread, hardened and waxed



**Spaanderplaatschroef dubbel verzonken kop, pozidriv**  
met volledige draad, gehard en gewaxt

**Vis à panneaux double tête fraisée, empreinte pozi**  
avec filet complet, trempée et lubrifiée

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb**  
mit Vollgewinde, gehärtet und gleitbeschichtet



Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZVK25012 GZ	5410439002011	2,5	12	PZ 1	5,0	200	28800
MWVZVK25016 GZ	5410439002028	2,5	16	PZ 1	5,0	200	28800
MWVZVK25020 GZ	5410439002035	2,5	20	PZ 1	5,0	200	28800
MWVZVK30010 GZ	5410439213851	3,0	10	PZ 1	6,0	200	28800
MWVZVK30012 GZ	5410439002042	3,0	12	PZ 1	6,0	200	28800
MWVZVK30016 GZ	5410439002059	3,0	16	PZ 1	6,0	200	28800
MWVZVK30020 GZ	5410439002066	3,0	20	PZ 1	6,0	200	28800
MWVZVK30025 GZ	5410439002073	3,0	25	PZ 1	6,0	200	16000
MWVZVK30030 GZ	5410439002080	3,0	30	PZ 1	6,0	200	16000
MWVZVK30035 GZ	5410439002097	3,0	35	PZ 1	6,0	200	12000
MWVZVK30040 GZ	5410439002103	3,0	40	PZ 1	6,0	200	9600
MWVZVK30045 GZ	5410439117425	3,0	45	PZ 1	6,0	200	7200
MWVZVK35012 GZ	5410439002110	3,5	12	PZ 2	7,0	200	28800
MWVZVK35016 GZ	5410439002127	3,5	16	PZ 2	7,0	200	28800
MWVZVK35020 GZ	5410439002134	3,5	20	PZ 2	7,0	200	16000
MWVZVK35025 GZ	5410439002141	3,5	25	PZ 2	7,0	200	16000
MWVZVK35030 GZ	5410439002158	3,5	30	PZ 2	7,0	200	12000
MWVZVK35035 GZ	5410439002165	3,5	35	PZ 2	7,0	200	12000
MWVZVK35040 GZ	5410439002172	3,5	40	PZ 2	7,0	200	7200
MWVZVK35045 GZ	5410439002189	3,5	45	PZ 2	7,0	200	7200
MWVZVK35050 GZ	5410439002196	3,5	50	PZ 2	7,0	200	7200
MWVZVK40012 GZ	5410439002202	4,0	12	PZ 2	8,0	200	28800
MWVZVK40016 GZ	5410439002219	4,0	16	PZ 2	8,0	200	16000
MWVZVK40020 GZ	5410439002226	4,0	20	PZ 2	8,0	200	16000
MWVZVK40025 GZ	5410439002233	4,0	25	PZ 2	8,0	200	12000
MWVZVK40030 GZ	5410439002240	4,0	30	PZ 2	8,0	200	12000
MWVZVK40035 GZ	5410439002257	4,0	35	PZ 2	8,0	200	9600
MWVZVK40040 GZ	5410439002264	4,0	40	PZ 2	8,0	200	7200
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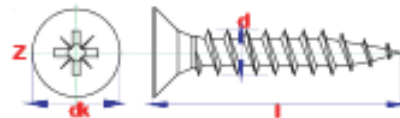
**Chipboard screw with double countersunk head, pozidriv**  
with full thread, hardened and waxed



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avec filet complet, trempée et lubrifiée

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb**  
mit Vollgewinde, gehärtet und gleitbeschichtet

Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZVK40050 GZ	5410439002288	4,0	50	PZ 2	8,0	200	7200
MWVZVK40055 GZ	5410439002295	4,0	55	PZ 2	8,0	200	4800
MWVZVK40060 GZ	5410439002301	4,0	60	PZ 2	8,0	200	4800
MWVZVK40070 GZ	5410439105538	4,0	70	PZ 2	8,0	200	3200
MWVZVK45016 GZ	5410439002332	4,5	16	PZ 2	9,0	200	16000
MWVZVK45020 GZ	5410439002349	4,5	20	PZ 2	9,0	200	12000
MWVZVK45025 GZ	5410439002356	4,5	25	PZ 2	9,0	200	12000
MWVZVK45030 GZ	5410439002363	4,5	30	PZ 2	9,0	200	9600
MWVZVK45035 GZ	5410439002370	4,5	35	PZ 2	9,0	200	7200
MWVZVK45040 GZ	5410439002387	4,5	40	PZ 2	9,0	200	7200
MWVZVK45045 GZ	5410439002394	4,5	45	PZ 2	9,0	200	7200
MWVZVK45050 GZ	5410439002400	4,5	50	PZ 2	9,0	200	4800
MWVZVK45055 GZ	5410439002417	4,5	55	PZ 2	9,0	200	4800
MWVZVK45060 GZ	5410439002424	4,5	60	PZ 2	9,0	200	3200
MWVZVK50016 GZ	5410439002455	5,0	16	PZ 2	10,0	200	12000
MWVZVK50020 GZ	5410439002462	5,0	20	PZ 2	10,0	200	9600
MWVZVK50025 GZ	5410439002479	5,0	25	PZ 2	10,0	200	9600
MWVZVK50030 GZ	5410439002486	5,0	30	PZ 2	10,0	200	7200
MWVZVK50035 GZ	5410439002493	5,0	35	PZ 2	10,0	200	7200
MWVZVK50040 GZ	5410439002509	5,0	40	PZ 2	10,0	200	7200
MWVZVK50045 GZ	5410439002516	5,0	45	PZ 2	10,0	200	4800
MWVZVK50050 GZ	5410439002523	5,0	50	PZ 2	10,0	200	4800
MWVZVK50055 GZ	5410439002530	5,0	55	PZ 2	10,0	200	4800
MWVZVK60030 GZ	5410439002615	6,0	30	PZ 3	12,0	200	7200
MWVZVK60035 GZ	5410439002622	6,0	35	PZ 3	12,0	200	4800
MWVZVK60040 GZ	5410439002639	6,0	40	PZ 3	12,0	200	4800
MWVZVK60045 GZ	5410439002646	6,0	45	PZ 3	12,0	200	3200

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MWVZV

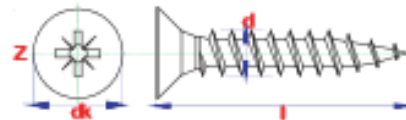
**Chipboard screw with double countersunk head, pozidriv with full thread, hardened and waxed**



**Spaanderplaatschroef dubbel verzonken kop, pozidriv met volledige draad, gehard en gewaxt**

**Vis à panneaux double tête fraisée, empreinte pozi avec filet complet, trempée et lubrifiée**

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb mit Vollgewinde, gehärtet und gleitbeschichtet**



Art, Nr, [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZVG30010 Z	5410439105248	3,0	10	PZ 1	6,0	1000	48000
MWVZVG30012 Z	5410439105965	3,0	12	PZ 1	6,0	1000	48000
MWVZVG30016 Z	5410439105972	3,0	16	PZ 1	6,0	1000	48000
MWVZVG30020 Z	5410439105989	3,0	20	PZ 1	6,0	1000	36000
MWVZVG30025 Z	5410439105996	3,0	25	PZ 1	6,0	1000	24000
MWVZVG30030 Z	5410439106009	3,0	30	PZ 1	6,0	1000	16000
MWVZVG30035 Z	5410439106016	3,0	35	PZ 1	6,0	1000	16000
MWVZVG30040 Z	5410439106023	3,0	40	PZ 1	6,0	1000	12000
MWVZVG35012 Z	5410439106030	3,5	12	PZ 2	7,0	1000	48000
MWVZVG35016 Z	5410439106047	3,5	16	PZ 2	7,0	1000	36000
MWVZVG35020 Z	5410439106054	3,5	20	PZ 2	7,0	1000	36000
MWVZVG35025 Z	5410439106061	3,5	25	PZ 2	7,0	1000	16000
MWVZVG35030 Z	5410439106078	3,5	30	PZ 2	7,0	1000	16000
MWVZVG35035 Z	5410439106085	3,5	35	PZ 2	7,0	1000	12000
MWVZVG35040 Z	5410439106092	3,5	40	PZ 2	7,0	1000	8000
MWVZVG35045 Z	5410439106108	3,5	45	PZ 2	7,0	1000	8000
MWVZVG35050 Z	5410439106115	3,5	50	PZ 2	7,0	500	6000
MWVZVG40012 Z	5410439106122	4,0	12	PZ 2	8,0	1000	36000
MWVZVG40016 Z	5410439106139	4,0	16	PZ 2	8,0	1000	36000
MWVZVG40020 Z	5410439106146	4,0	20	PZ 2	8,0	1000	16000
MWVZVG40025 Z	5410439106153	4,0	25	PZ 2	8,0	1000	16000
MWVZVG40030 Z	5410439106160	4,0	30	PZ 2	8,0	1000	16000
MWVZVG40035 Z	5410439106177	4,0	35	PZ 2	8,0	1000	12000
MWVZVG40040 Z	5410439106184	4,0	40	PZ 2	8,0	1000	8000
MWVZVG40045 Z	5410439106191	4,0	45	PZ 2	8,0	500	8000
MWVZVG40050 Z	5410439106207	4,0	50	PZ 2	8,0	500	6000
MWVZVG40055 Z	5410439106214	4,0	55	PZ 2	8,0	500	4000
MWVZVG40060 Z	5410439106221	4,0	60	PZ 2	8,0	500	4000
MWVZVG40070 Z	5410439106238	4,0	70	PZ 2	8,0	500	4000

# DECLARATION OF PERFORMANCE

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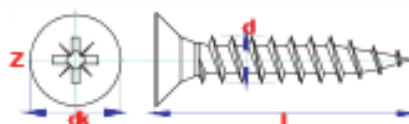
MWVZV

**Chipboard screw with double countersunk head, pozidriv with full thread, hardened and waxed**

**Spaanderplaatschroef dubbel verzonken kop, pozidriv met volledige draad, gehard en gewaxt**

**Vis à panneaux double tête fraisée, empreinte pozi avec filet complet, trempée et lubrifiée**

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb mit Vollgewinde, gehärtet und gleitbeschichtet**



Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZVG45016 Z	5410439106245	4,5	16	PZ 2	9,0	1000	16000
MWVZVG45020 Z	5410439106252	4,5	20	PZ 2	9,0	1000	16000
MWVZVG45025 Z	5410439106269	4,5	25	PZ 2	9,0	1000	16000
MWVZVG45030 Z	5410439106276	4,5	30	PZ 2	9,0	1000	12000
MWVZVG45035 Z	5410439106283	4,5	35	PZ 2	9,0	500	8000
MWVZVG45040 Z	5410439106290	4,5	40	PZ 2	9,0	500	8000
MWVZVG45045 Z	5410439106306	4,5	45	PZ 2	9,0	500	6000
MWVZVG45050 Z	5410439106313	4,5	50	PZ 2	9,0	500	6000
MWVZVG45055 Z	5410439106320	4,5	55	PZ 2	9,0	500	4000
MWVZVG45060 Z	5410439106337	4,5	60	PZ 2	9,0	500	4000
MWVZVG45065 Z	5410439239295	4,5	65	PZ 2	9,0	500	4000
MWVZVG45070 Z	5410439106344	4,5	70	PZ 2	9,0	200	3200
MWVZVG50016 Z	5410439106368	5,0	16	PZ 2	10,0	1000	16000
MWVZVG50020 Z	5410439106375	5,0	20	PZ 2	10,0	1000	16000
MWVZVG50025 Z	5410439106382	5,0	25	PZ 2	10,0	1000	12000
MWVZVG50030 Z	5410439106399	5,0	30	PZ 2	10,0	500	8000
MWVZVG50035 Z	5410439106405	5,0	35	PZ 2	10,0	500	8000
MWVZVG50040 Z	5410439106412	5,0	40	PZ 2	10,0	500	6000
MWVZVG50045 Z	5410439106429	5,0	45	PZ 2	10,0	500	6000
MWVZVG50050 Z	5410439106436	5,0	50	PZ 2	10,0	500	4000
MWVZVG50055 Z	5410439106443	5,0	55	PZ 2	10,0	500	4000
MWVZVG50060 Z	5410439106450	5,0	60	PZ 2	10,0	200	3200
MWVZVG50070 Z	5410439106467	5,0	70	PZ 2	10,0	200	2400
MWVZVG60030 Z	5410439106504	6,0	30	PZ 3	12,0	500	6000
MWVZVG60035 Z	5410439106511	6,0	35	PZ 3	12,0	500	6000
MWVZVG60040 Z	5410439106528	6,0	40	PZ 3	12,0	500	4000
MWVZVG60045 Z	5410439106535	6,0	45	PZ 3	12,0	500	4000
MWVZVG60050 Z	5410439106542	6,0	50	PZ 3	12,0	200	3200
MWVZVG60055 Z	5410439106559	6,0	55	PZ 3	12,0	200	3200



MWVZV

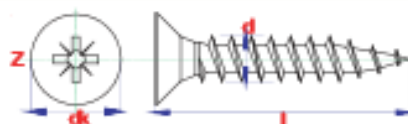
**Chipboard screw with double countersunk head, pozidriv with full thread, hardened and waxed**





**Spaanderplaatschroef dubbel verzonken kop, pozidriv met volledige draad, gehard en gewaxt**

**Vis à panneaux double tête fraisée, empreinte pozi avec filet complet, trempée et lubrifiée**

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb mit Vollgewinde, gehärtet und gleitbeschichtet**



Art, Nr, [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZVG60060 Z	5410439106566	6,0	60	PZ 3	12,0	200	2400
MWVZVG60070 Z	5410439106573	6,0	70	PZ 3	12,0	200	2400
MWVZVK25012 Z	5410439001014	2,5	12	PZ 1	5,0	200	28800
MWVZVK25016 Z	5410439001021	2,5	16	PZ 1	5,0	200	28800
MWVZVK25020 Z	5410439001038	2,5	20	PZ 1	5,0	200	28800
MWVZVK30010 Z	5410439208307	3,0	10	PZ 1	6,0	200	28800
MWVZVK30012 Z	5410439001045	3,0	12	PZ 1	6,0	200	28800
MWVZVK30016 Z	5410439001052	3,0	16	PZ 1	6,0	200	28800
MWVZVK30020 Z	5410439001069	3,0	20	PZ 1	6,0	200	28800
MWVZVK30025 Z	5410439001076	3,0	25	PZ 1	6,0	200	16000
MWVZVK30030 Z	5410439001083	3,0	30	PZ 1	6,0	200	16000
MWVZVK30035 Z	5410439001090	3,0	35	PZ 1	6,0	200	12000
MWVZVK30040 Z	5410439001106	3,0	40	PZ 1	6,0	200	9600
MWVZVK30045 Z	5410439117418	3,0	45	PZ 1	6,0	200	7200
MWVZVK35012 Z	5410439001113	3,5	12	PZ 2	7,0	200	28800
MWVZVK35016 Z	5410439001120	3,5	16	PZ 2	7,0	200	28800
MWVZVK35020 Z	5410439001137	3,5	20	PZ 2	7,0	200	16000
MWVZVK35025 Z	5410439001144	3,5	25	PZ 2	7,0	200	16000
MWVZVK35030 Z	5410439001151	3,5	30	PZ 2	7,0	200	12000
MWVZVK35035 Z	5410439001168	3,5	35	PZ 2	7,0	200	12000
MWVZVK35040 Z	5410439001175	3,5	40	PZ 2	7,0	200	7200
MWVZVK35045 Z	5410439001182	3,5	45	PZ 2	7,0	200	7200
MWVZVK35050 Z	5410439001199	3,5	50	PZ 2	7,0	200	7200
MWVZVK40012 Z	5410439001206	4,0	12	PZ 2	8,0	200	28800
MWVZVK40016 Z	5410439001212	4,0	16	PZ 2	8,0	200	16000
MWVZVK40020 Z	5410439001229	4,0	20	PZ 2	8,0	200	16000
MWVZVK40025 Z	5410439001236	4,0	25	PZ 2	8,0	200	12000
MWVZVK40030 Z	5410439001243	4,0	30	PZ 2	8,0	200	12000
MWVZVK40035 Z	5410439001250	4,0	35	PZ 2	8,0	200	9600



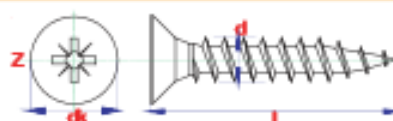
**Chipboard screw with double countersunk head, pozidriv**  
with full thread, hardened and waxed



**Spaanderplaatschroef dubbel verzonken kop, pozidriv**  
met volledige draad, gehard en gewaxt

**Vis à panneaux double tête fraisée, empreinte pozi**  
avec filet complet, trempée et lubrifiée

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb**  
mit Vollgewinde, gehärtet und gleitbeschichtet



Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZVK40040 Z	5410439001267	4,0	40	PZ 2	8,0	200	7200
MWVZVK40045 Z	5410439001274	4,0	45	PZ 2	8,0	200	7200
MWVZVK40050 Z	5410439001281	4,0	50	PZ 2	8,0	200	7200
MWVZVK40055 Z	5410439001298	4,0	55	PZ 2	8,0	200	4800
MWVZVK40060 Z	5410439001304	4,0	60	PZ 2	8,0	200	4800
MWVZVK40070 Z	5410439001311	4,0	70	PZ 2	8,0	200	3200
MWVZVK45016 Z	5410439001335	4,5	16	PZ 2	9,0	200	16000
MWVZVK45020 Z	5410439001342	4,5	20	PZ 2	9,0	200	12000
MWVZVK45025 Z	5410439001359	4,5	25	PZ 2	9,0	200	12000
MWVZVK45030 Z	5410439001366	4,5	30	PZ 2	9,0	200	9600
MWVZVK45035 Z	5410439001373	4,5	35	PZ 2	9,0	200	7200
MWVZVK45040 Z	5410439001380	4,5	40	PZ 2	9,0	200	7200
MWVZVK45045 Z	5410439001397	4,5	45	PZ 2	9,0	200	7200
MWVZVK45050 Z	5410439001403	4,5	50	PZ 2	9,0	200	4800
MWVZVK45055 Z	5410439001410	4,5	55	PZ 2	9,0	200	4800
MWVZVK45060 Z	5410439001427	4,5	60	PZ 2	9,0	200	3200
MWVZVK50016 Z	5410439001458	5,0	16	PZ 2	10,0	200	12000
MWVZVK50020 Z	5410439001465	5,0	20	PZ 2	10,0	200	9600
MWVZVK50025 Z	5410439001472	5,0	25	PZ 2	10,0	200	9600
MWVZVK50030 Z	5410439001489	5,0	30	PZ 2	10,0	200	7200
MWVZVK50035 Z	5410439001496	5,0	35	PZ 2	10,0	200	7200
MWVZVK50040 Z	5410439001502	5,0	40	PZ 2	10,0	200	7200
MWVZVK50045 Z	5410439001519	5,0	45	PZ 2	10,0	200	4800
MWVZVK50050 Z	5410439001526	5,0	50	PZ 2	10,0	200	4800
MWVZVK50055 Z	5410439001533	5,0	55	PZ 2	10,0	200	4800
MWVZVK60030 Z	5410439001618	6,0	30	PZ 3	12,0	200	7200
MWVZVK60035 Z	5410439001625	6,0	35	PZ 3	12,0	200	4800
MWVZVK60040 Z	5410439001632	6,0	40	PZ 3	12,0	200	4800
MWVZVK60045 Z	5410439001649	6,0	45	PZ 3	12,0	200	3200