

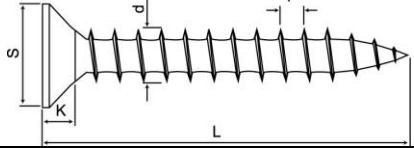
SCHEMA TECNICA - TECHNICAL SHEET

VBU

Vite TPS truciolare
Chipboard screw

Rev: 07
Pag. 1/5

DATI TECNICI - TECHNICAL DATA

VBU cod. 07101b/07101d/07101i Vite TPS truciolare – interamente filettata Countersunk head chipboard screw – fully threaded							
vite / screw d x L	P	Inserto Bit Pozi	S	K	Cod. Zincato bianco White zinc plated	Cod. Zincato giallo Yellow passivated	Cod. Bronzato Bronzed
2,5x10	1,2	PZ1	5	1,7	07101b25010	07101d25010	07101i25010
2,5x12					07101b25012	07101d25012	07101i25012
2,5x16					07101b25016	07101d25016	07101i25016
2,5x20					07101b25020	07101d25020	07101i25020
2,5x25					07101b25025	07101d25025	07101i25025
3x10	1,2	PZ1	5,8	2,0	07101b30010	07101d30010	07101i30010
3x12					07101b30012	07101d30012	07101i30012
3x16					07101b30016	07101d30016	07101i30016
3x18					07101b30018	07101d30018	07101i30018
3x20					07101b30020	07101d30020	07101i30020
3x25					07101b30025	07101d30025	07101i30025
3x30					07101b30030	07101d30030	07101i30030
3x35					07101b30035	07101d30035	07101i30035
3x40					07101b30040	07101d30040	07101i30040
3x45					07101b30045	07101d30045	07101i30045
3,5x12	1,5	PZ2	6,7	2,5	07101b35012	07101d35012	07101i35012
3,5x16					07101b35016	07101d35016	07101i35016
3,5x18					07101b35018	07101d35018	07101i35018
3,5x20					07101b35020	07101d35020	07101i35020
3,5x25					07101b35025	07101d35025	07101i35025
3,5x30					07101b35030	07101d35030	07101i35030
3,5x35					07101b35035	07101d35035	07101i35035
3,5x40					07101b35040	07101d35040	07101i35040
3,5x45					07101b35045	07101d35045	07101i35045
3,5x50					07101b35050	07101d35050	07101i35050
4x16	1,8	PZ2	7,7	2,9	07101b40016	07101d40016	07101i40016
4x18					07101b40018	07101d40018	07101i40018
4x20					07101b40020	07101d40020	07101i40020
4x25					07101b40025	07101d40025	07101i40025
4x30					07101b40030	07101d40030	07101i40030
4x35					07101b40035	07101d40035	07101i40035
4x40					07101b40040	07101d40040	07101i40040
4x45					07101b40045	07101d40045	07101i40045
4x50					07101b40050	07101d40050	07101i40050
4x60					07101b40060	07101d40060	07101i40060
4x70					07101b40070	07101d40070	07101i40070
4,5x20	2,0	PZ2	8,6	3,4	07101b45020	07101d45020	07101i45020
4,5x25					07101b45025	07101d45025	07101i45025
4,5x30					07101b45030	07101d45030	07101i45030
4,5x35					07101b45035	07101d45035	07101i45035
4,5x40					07101b45040	07101d45040	07101i45040
4,5x45					07101b45045	07101d45045	07101i45045
4,5x50					07101b45050	07101d45050	07101i45050
4,5x60					07101b45060	07101d45060	07101i45060
4,5x70	2,2	PZ2	9,7	3,4	07101b45070	07101d45070	07101i45070
5x20					07101b50020	07101d50020	07101i50020
5x25					07101b50025	07101d50025	07101i50025
5x30					07101b50030	07101d50030	07101i50030
5x35					07101b50035	07101d50035	07101i50035
5x40					07101b50040	07101d50040	07101i50040
5x45					07101b50045	07101d50045	07101i50045
5x50					07101b50050	07101d50050	07101i50050
5x60	3,1	PZ3	11,4	3,8	07101b50060	07101d50060	07101i50060
5x70					07101b50070	07101d50070	07101i50070
6x30					07101b60030	07101d60030	07101i60030
6x40					07101b60040	07101d60040	07101i60040
6x50					07101b60050	07101d60050	07101i60050
6x60					07101b60060	07101d60060	07101i60060
6x70					07101b60070	07101d60070	07101i60070

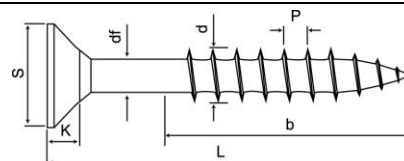
SCHEDA TECNICA - TECHNICAL SHEET

VBU

Vite TPS truciolare
Chipboard screw

Rev: 07
Pag. 2/5

VBU cod. 07001b / 07001d / 07001i
Vite TPS truciolare – parzialmente filettata
Countersunk head chipboard screw – partially threaded



vite / screw d x L	b	df	P	Inserto Bit Pozi	S	K	Cod. Zincato bianco White zinc plated	Cod. Zincato giallo Yellow passivated	Cod. Bronzato Bronzed
3x35	21	2,2	1,2	PZ1	5,8	2,0	07001b30035	-	-
3x40	25						07001b30040	-	-
3,5x30	18	2,5	1,5	PZ2	6,7	2,5	07001b35030	07001d35030	07001i35030
3,5x35	21						07001b35035	07001d35035	07001i35035
3,5x40	25						07001b35040	07001d35040	07001i35040
3,5x45	28						07001b35045	07001d35045	07001i35045
3,5x50	30						07001b35050	07001d35050	07001i35050
4x30	18	2,8	1,8	PZ2	7,7	2,9	07001b40030	07001d40030	07001i40030
4x35	21						07001b40035	07001d40035	07001i40035
4x40	25						07001b40040	07001d40040	07001i40040
4x45	28						07001b40045	07001d40045	07001i40045
4x50	30						07001b40050	07001d40050	07001i40050
4x60	35						07001b40060	07001d40060	07001i40060
4x70	45						07001b40070	07001d40070	07001i40070
4x80	48						07001b40080	07001d40080	07001i40080
4,5x35	21	3,1	2,0	PZ2	8,5	3,4	07001b45035	07001d45035	07001i45035
4,5x40	25						07001b45040	07001d45040	07001i45040
4,5x45	28						07001b45045	07001d45045	07001i45045
4,5x50	30						07001b45050	07001d45050	07001i45050
4,5x60	35						07001b45060	07001d45060	07001i45060
4,5x70	45						07001b45070	07001d45070	07001i45070
4,5x80	48						07001b45080	07001d45080	07001i45080
4,5x100	64						07001b45100	07001d45100	07001i45100
4,5x120	70						07001b45120	07001d45120	07001i45120
5x40	25	3,5	2,2	PZ2	9,5	3,4	07001b50040	07001d50040	07001i50040
5x45	28						07001b50045	07001d50045	07001i50045
5x50	30						07001b50050	07001d50050	07001i50050
5x60	35						07001b50060	07001d50060	07001i50060
5x70	45						07001b50070	07001d50070	07001i50070
5x80	48						07001b50080	07001d50080	07001i50080
5x90	54						07001b50090	07001d50090	07001i50090
5x100	64						07001b50100	07001d50100	07001i50100
5x120	70						07001b50120	07001d50120	07001i50120
6x50	30	4,2	3,1	PZ3	11,4	3,8	07001b60050	07001d60050	07001i60050
6x60	35						07001b60060	07001d60060	07001i60060
6x70	45						07001b60070	07001d60070	07001i60070
6x80	48						07001b60080	07001d60080	07001i60080
6x90	54						07001b60090	07001d60090	07001i60090
6x100	64						07001b60100	07001d60100	07001i60100
6x110	70						07001b60110	07101d60110*	07101i60110*
6x120	70						07001b60120	07101d60120*	07101i60120*
6x130	70						07001b60130	07001d60130	07001i60130
6x140	70						07001b60140	07101d60140*	07101i60140*
6x150	70						07001b60150	07001d60150	07001i60150
6x160	70						07001b60160	07101d60160*	07101i60160*
6x180	70						07001b60180	07101d60180*	07101i60180*
6x200	70						07001b60200	07101d60200*	07101i60200*

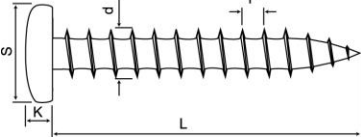
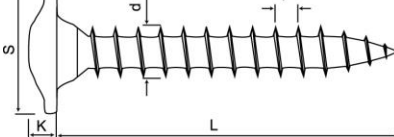
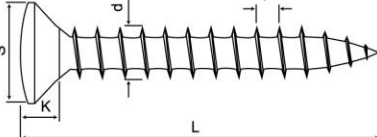
* Attenzione: codici 07101 (non 07001). / Note: codes 07101 (not 07001).

SCHEDA TECNICA - TECHNICAL SHEET

VBU

Vite TPS truciolare
Chipboard screw

Rev: 07
Pag. 3/5

VBU TC cod. 07400b / 07400e Vite TC truciolare <i>Cylindrical head chipboard screw</i>	VBU TBL cod. 19433 Vite TBL truciolare con collarino <i>Wide rounded head chipboard screw</i>	VBU TGS cod. 07201h Vite TGS truciolare - ottanata <i>Round. csk head chipboard screw - brass ptd</i>
		

VBU TC vite TC truciolare / cylindrical head chipboard screw					 EN 14592	
vite / screw d x L	P	Inserto Bit Pozi	S	K	Cod. Zincato bianco White zinc plated	Cod. Zincato nero Black zinc plated
3x16	1,6	PZ1	5,8	2,3	07400b30016	07400e30016
3x20					07400b30020	07400e30020
3,5x16					07400b35016	07400e35016
3,5x18	1,8	PZ2	6,8	2,6	07400b35018	07400e35018
3,5x20					07400b35020	07400e35020
3,5x25					07400b35025	07400e35025
3,5x30					07400b35030	07400e35030
4x16					07400b40016	07400e40016
4x18	2,0	PZ2	7,8	3,0	07400b40018	07400e40018
4x20					07400b40020	07400e40020
4x25					07400b40025	07400e40025
4x30					07400b40030	07400e40030
4x35					07400b40035	07400e40035
4x40					07400b40040	07400e40040
4,5x20					07400b45020	07400e45020
4,5x25	2,2	PZ2	8,8	3,2	07400b45025	07400e45025
4,5x30					07400b45030	07400e45030
4,5x35					07400b45035	07400e45035
4,5x40					07400b45040	07400e45040
4,5x45					07400b45045	07400e45045
4,5x50					07400b45050	07400e45050
4,5x55					07400b45055	07400e45055
4,5x60					07400b45060	07400e45060
5x20	2,5	PZ2	9,6	3,7	07400b50020	07400e50020
5x25					07400b50025	07400e50025
5x30					07400b50030	07400e50030
5x35					07400b50035	07400e50035
5x40					07400b50040	07400e50040
5x50					07400b50050	07400e50050
5x60					07400b50060	07400e50060

VBU TBL vite TBL truciolare con collarino – zincata Bianca <i>wide rounded head chipboard screw – white zinc plated</i>					 EN 14592	
vite / screw d x L	P	Inserto / Bit Pozi	S	K	Cod.	
3,5x30	1,6	PZ2	9	2,5	19433b35030	
4x40	2,0	PZ2	10	2,9	19433b40040	
4x45					19433b40045	
4,5x35					19433b45035	
4,5x40	2,2	PZ2	11	3,4	19433b45040	
4,5x45					19433b45045	
4,5x50					19433b45050	
4,5x55					19433b45055	
4,5x60					19433b45060	
5x40	2,5	PZ3	13	3,7	19433b50040	
5x45					19433b50045	
5x50					19433b50050	
5x60					19433b50060	
5x70					19433b50070	
6x60	2,8	PZ3	14,5	4,4	19433b60060	
6x80					19433b60080	

SCHEDA TECNICA - TECHNICAL SHEET

VBU

Vite TPS truciolare
Chipboard screw

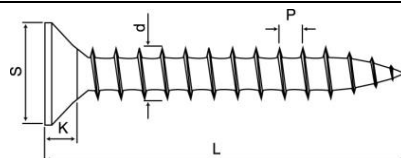
Rev: 07
Pag. 4/5

VBU TGS vite TGS truciolare - ottonata / rounded countersunk head chipboard screw - brass plated

vite / screw d x L	P	Inserto / Bit Pozi	S	K	Cod.
3,5x20	1,8	PZ2	6,7	1,9	07201h35020
3,5x25					07201h35025
3,5x30					07201h35030

VBUX cod. 071010

Vite TPS truciolare inox A2
Stainless steel A2 countersunk head chipboard screw



vite / screw d x L	P	Inserto / Bit Pozi	S	K	Cod.
4x30	1,8	PZ2	8,0	2,5	07101040030
4x40					07101040040
4x50					07101040050
4x60					07101040060
4,5x40	2,0	PZ2	9,0	2,7	07101045040
4,5x50					07101045050
4,5x60					07101045060
4,5x70					07101045070
5x50	2,2	PZ2	10,0	3,0	07101050050
5x60					07101050060
5x70					07101050070
5x80					07101050080
6x60	2,6	PZ3	12,0	3,6	07101060060
6x70					07101060070
6x80					07101060080
6x90					07101060090

CARATTERISTICHE PRODOTTO - PRODUCT FEATURES

Tipo / Type	Materiale / Material	Rivestimento / Coating
Vite - acciaio Screw - steel	acciaio cementato (cl.9.8~*) cemented steel (gr.9.8~*)	zincatura $\geq 5\mu\text{m}$ ISO4042 / zinc plated $\geq 5\mu\text{m}$ ISO4042 bronzato / bronzed ottonata / brass plated
Vite - inox Screw - stainless steel	Acciaio inox A2 (AISI304) Stainless steel A2 (AISI304)	-

*Caratteristiche meccaniche secondo tabella sotto / For mechanical characteristics, see table below.

Caratteristiche meccaniche vite a rottura - Mechanical screw failure characteristics

Vite Screw	TRAZIONE TENSILE [kN]		TAGLIO PURO SHEAR LOAD [kN]		TORSIONE TORQUE [Nm]		MOMENTO FLETTENTE BENDING MOMENT [Nm]	
	Acciaio Steel	Inox Stainless steel	Acciaio Steel	Inox Stainless steel	Acciaio Steel	Inox Stainless steel	Acciaio Steel	Inox Stainless steel
Ø2,5	2,0	1,5	1,0	0,9	0,7	0,7	0,6	0,2
Ø3	3,0	2,5	1,5	1,5	1,7	1,5	1,5	0,5
Ø3,5	4,0	3,0	2,0	1,9	2,2	2,0	2,0	0,7
Ø4	5,0	4,0	2,5	2,4	3,0	2,5	3,0	1,0
Ø4,5	6,0	4,7	3,0	2,9	4,5	3,4	4,0	1,3
Ø5	7,0	6,0	3,5	3,6	5,9	4,5	5,0	1,8
Ø6	10	9,0	5,0	5,5	10	8,0	8,0	3,5

SCHEDA TECNICA - TECHNICAL SHEET

VBU

Vite TPS truciolare
Chipboard screw

Rev: 07
Pag. 5/5

INSTALLAZIONE - INSTALLATION

Vite Screw	Coppia max. serraggio* / Max screwing torque* [Nm]		Avvitatore / Max drilling speed giri-min / r.p.m
	Acciao Steel	Inox Stainless steel	
Ø2,5	0,5	0,5	600
Ø3	1,3	1,0	
Ø3,5	1,5	1,4	
Ø4	2,0	1,8	
Ø4,5	3,0	2,3	
Ø5	4,0	3,2	
Ø6	7,0	5,6	

NOTE: non è necessario il preforo. / NOTE: pilot hole is not required.

* regolazione in funzione del tipo di installazione / regulate according to type of installation.

ESTRAZIONE ASSIALE AMMISSIBILE - RECOMMENDED AXIAL PULL-OUT ⁽¹⁾

Su supporti in legno abete ⁽²⁾ – <i>On fir wood structures</i> ⁽²⁾										
Diametro vite <i>Screw diameter</i>	[mm]	2,5	3	3,5	4		4,5	5		6
Profondità inserimento su abete <i>Embedment depth in fir wood</i>	[mm]	10	15	20	20	30	40	25	50	50
Estrazione assiale ammissibile <i>Recommended axial pull-out</i>	[kN]	0,1	0,15	0,2	0,2	0,25	0,4	0,3	0,5	0,8

1kN = 100 kgf

⁽¹⁾ I carichi ammissibili derivano dai carichi caratteristici di rottura $F_{ax,\alpha,Rk}$ calcolati secondo Eurocodice 5 EN1995-1-1 e sono comprensivi del coefficiente di sicurezza totale $\gamma = 3$. / The recommended loads derive from the characteristic failure loads $F_{ax,\alpha,Rk}$ and are calculated according to the EC 5 EN1995-1-1 and are inclusive of the total safety factor $\gamma = 3$.

⁽²⁾ Massa volumica $\rho_k = 350 \text{ kg/m}^3$, umidità ~12% (direzione fibre perpendicolare). / Average density $\rho_k = 350 \text{ kg/m}^3$, humidity ~12% (ortogonal fiber direction).

I carichi consigliati derivano da prove eseguite presso il laboratorio Friulsider nel rispetto delle norme di riferimento. I valori di carico riportati hanno valore solo se l'installazione è stata eseguita correttamente. Il progettista è responsabile del dimensionamento e del numero dei fissaggi.

The recommended loads derive from tests carried out in the Friulsider laboratory in accordance with the appropriate standards. The load values are only valid if the installation has been carried out correctly. The design engineer is responsible for the designing and calculation of the fixing.