

TBB

Nylon søm dybel med plan krave

TBB søm dybel med stor krave i Ø5 og Ø6 mm er godkendt til fastgørelser i beton. Når sømskruen slås i, udvider dyblen sig og skaber en sikker forankring i betonen.



Egenskaber

Materiale

- Dybel: grå nylon
- Skrue: Elforzinket

Fordele

- Plan krave for montage af stålplade
- Innovativ geometri

Anvendelse

Anvendelsesområder

- Metalprofiler
- Støtteskiner til gipsplader
- Skiltning

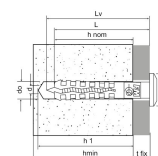
Egnet til

- Urevnet beton
- Massive mursten
- Hulsten (delvist egnet)
- Letvægts hulsten (delvist egnet)
- Letklinker beton (delvist egnet)
- Letbeton (delvist egnet)
- Sten



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Teknisk data



Product Dimension - White zinc plated screw - Grey plug

Art. nr.	Product Reference	Hole diameter x anchor length [d _o xL] [mm]	Fixture thickness [t _{fix}] [mm]	Min. hole depth [h ₁]	Nominal embedment depth [h _{nom}] [mm]	Min. support thickness [h _{min}] [mm]	Screw diameter [d] [mm]	Screw length [L _v] [mm]	Collar diameter [d _c] [mm]	Qty per box	Qty per outer box
62100B0503000	TBB	Ø5x30*	5	-	-	-	3.4	35	-	300	3000
62100B0504000		Ø5x40*	15	-	-	-	3.4	45	-	200	2000
62100B0505000		Ø5x50*	25	-	-	-	3.4	55	-	200	2000
62100B0604000		Ø6x40	10	40	30	100	3.8	45	13	200	1600
62100B0605000		Ø6x50	20	40	30	100	3.8	55	13	100	1000
62100B0606000		Ø6x60	30	40	30	100	3.8	65	13	100	1000
62100B0808000		Ø8x80	40	50	40	100	4.8	85	15	150	1500
62100B0810000		Ø8x100	60	50	40	100	4.8	105	15	100	1000
62100B0812000		Ø8x120	80	50	40	100	4.8	125	15	100	1000
62100B0814000		Ø8x140	100	50	40	100	4.8	145	15	50	500
62100B0816000		Ø8x160	120	50	40	100	4.8	165	15	50	500

* Not covered by CE certification

Product Dimension - Black zinc place screw - Dark brown plug

Art. nr.	Product Reference	Hole diameter x anchor length [d _o xL] [mm]	Fixture thickness [t _{fix}] [mm]	Screw diameter [d] [mm]	Screw length [L _v] [mm]	Qty per box	Qty per outer box
62109E0604000	TBB	Ø6x40*	10	3.8	45	200	1600
62109E0605000	TBB	Ø6x50*	20	3.8	55	100	1000
62109E0606000	TBB	Ø6x60*	30	3.8	65	100	1000

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Design capacities - single anchor - no edge distances

Art. nr.	Design capacity - Non-cracked concrete (3)				
	Tension - NRd (1)		Shear - VRd (1-2)		Bending moment MRd [Nm]
	C20/25 [kN]	Solid brick [kN]	C20/25 [kN]	Solid brick [kN]	
62100B0604000	0.6	0.36	0.6	0.6	-
62100B0605000	0.6	0.36	0.6	0.6	-
62100B0606000	0.6	0.36	0.6	0.6	-
62100B0808000	0.6	0.45	1.2	1.2	-
62100B0810000	0.6	0.45	1.2	1.2	-
62100B0812000	0.6	0.45	1.2	1.2	-
62100B0814000	0.6	0.45	1.2	1.2	-
62100B0816000	0.6	0.45	1.2	1.2	-

1. The design loads have been calculated using the partial safety factors for resistances stated in ETA-approval(s). The loading figures are valid for unreinforced concrete and reinforced concrete with a rebar spacing $s \geq 15$ cm (any diameter) or with a rebar spacing $s \geq 10$ cm, if the rebar diameter is 10mm or smaller.

2. The figures for shear are based on a single anchor without influence of concrete edges. For anchorages close to edges ($c \leq \max [10 \text{ hef}; 60d]$) the concrete edge failure shall be checked per ETAG 001, Annex C, design method A.

3. Concrete is considered non-cracked when the tensile stress within the concrete is $\sigma_L + \sigma_R \leq 0$. In the absence of detailed verification $\sigma_R = 3 \text{ N/mm}^2$ can be assumed (σ_L equals the tensile stress within the concrete induced by external loads, anchors loads included).

*Not covered by ETA-11/0080

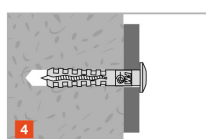
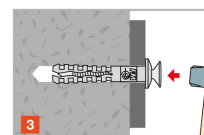
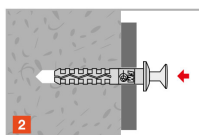
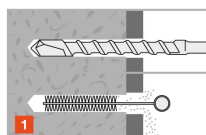
Product Dimension - D.I.Y

Art. nr.	Product Reference	Hole diameter x anchor length [$d_o \times L$] [mm]	Screw diameter [d] [mm]	Screw length [L_v] [mm]	Pcs/blister	Blister/Pkg.
62100B05030F2	TBB	$\emptyset 5 \times 30^*$	3.4	35	15	30
62100B06040F2	TBB	$\emptyset 6 \times 40$	3.8	45	15	15
62100B06060F2	TBB	$\emptyset 6 \times 60$	3.8	65	15	15
62100B08080F2	TBB	$\emptyset 8 \times 80$	4.8	85	5	30

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Montering



Spacing and edge distance

Art. nr.	Product Reference	Hole diameter x anchor length [d ₀ xL] [mm]	Characteristic spacing - Scr,N [scr,N] [mm]	Characteristic edge distance [ccr,N] [mm]
62100B0604000	TBB	Ø6x40	100	100
62100B0605000	TBB	Ø6x50	100	100
62100B0606000	TBB	Ø6x60	100	100
62100B0808000	TBB	Ø8x80	100	100
62100B0810000	TBB	Ø8x100	100	100
62100B0812000	TBB	Ø8x120	100	100
62100B0814000	TBB	Ø8x140	100	100
62100B0816000	TBB	Ø8x160	100	100

* Not included in the approval

Installation data

Art. nr.	Product Reference	Hole diameter x anchor length [d ₀ xL] [mm]	Ø drilling hole [d0] [mm]	Min. drill depth [h1] [mm]	Min. support thickness [hmin] [mm]
62100B0604000	TBB	Ø6x40	6	40	100
62100B0605000	TBB	Ø6x50	6	40	100
62100B0606000	TBB	Ø6x60	6	40	100
62100B0808000	TBB	Ø8x80	8	50	100
62100B0810000	TBB	Ø8x100	8	50	100
62100B0812000	TBB	Ø8x120	8	50	100
62100B0814000	TBB	Ø8x140	8	50	100
62100B0816000	TBB	Ø8x160	8	50	100

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