

Tekniset tiedot

**FRÜL
SIDER**

SIMPSON
StrongTie

TSS

Upotettu esiasennettu nylon-tulppa

The TSS nylon plug in Ø6 and Ø8 mm versions are approved for fastening in concrete. When the nail screw is driven into the anchor plug, it is expanded and securely anchored in the building material.

Ominaisuudet

Material

- Tappi: harmaa nailon
- Ruuvi: valkoinen sinkitty teräs

Benefits

- Upotettu reuna kattoalan ammattilaisille
- Innovatiivinen geometria

Sovellus

Applications

- Puulistat
- Sähkökomponentit
- Jalkalistat

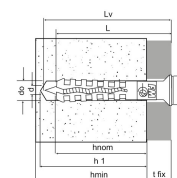
Suitable for

- Halkeilematon betoni
- Kiinteä tiili
- Hunajakenno (osittain sopiva)
- Solumainen savitiili (osittain sopiva)
- Kevyt hunajakenno (osittain sopiva)
- Ontto tiivis kiviaineslohko (osittain sopiva)
- Ontot kevyet kiviaineslohkot (osittain sopivia)
- Vaahabetoni (osittain sopiva)
- Kiinteä kivi



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Technical Data



Product Dimensions

Tuotenro	Tuotenumero	Reiän halkaisija x ankkurin pituus [d ₀ xL] [mm]	Kiinnikkeen paksuus [t _{fix}] [mm]	Min. reiän syvyys [h ₁] [mm]	Nimellinen upotussyvyys [h _{nom}] [mm]	Min. tukipaksuus [h _{min}] [mm]	Ruuvien halkaisija [d] [mm]	Ruuvien pituus [L _v] [mm]	Kauluksen halkaisija [d _p] [mm]
62200B0503000	TSS	Ø5x30*	5	35	25	50	3.4	35	8.5
62200B0504000		Ø5x40*	15	35	25	50	3.4	45	8.5
62200B0505000		Ø5x50*	25	35	25	50	3.4	55	8.5
62200B0604000		Ø6x40	10	40	30	100	3.8	45	10
62200B0605000		Ø6x50	20	40	30	100	3.8	55	10
62200B0606000		Ø6x60	30	40	30	100	3.8	65	10
62200B0608000		Ø6x80	50	40	30	100	3.8	85	10
62200B0806000		Ø8x60	20	50	40	100	4.8	65	12
62200B0808000		Ø8x80	40	50	40	100	4.8	85	12
62200B0810000		Ø8x100	60	50	40	100	4.8	105	12
62200B0812000		Ø8x120	80	50	40	100	4.8	125	12
62200B0814000		Ø8x140	100	50	40	100	4.8	145	12

* Not covered by CE certification

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Suunnittelukapasiteetit – yksi ankkuri – ei reunavälejä

Tuotenro	Suunnittelukapasiteetit – yksi ankkuri – ei reunavälejä				
	Suunnittelukapasiteetti – Halkeamaton betoni (3)				
	Jännitys - NRd (1)		Leikkaus - VRd (1-2)		Taivutusmomentti MRd [Nm]
	C20/25 [kN]	Kiinteä tiili [kN]	C20/25 [kN]	Solid Brick [kN]	
62200B0503000	0.23	0.2	0.6	0.6	-
62200B0504000	0.23	0.2	0.6	0.6	-
62200B0505000	0.23	0.2	0.6	0.6	-
62200B0604000	0.6	0.36	0.6	0.6	-
62200B0605000	0.6	0.36	0.6	0.6	-
62200B0606000	0.6	0.36	0.6	0.6	-
62200B0608000	0.6	0.36	0.6	0.6	-
62200B0806000	0.6	0.45	1.2	1.2	-
62200B0808000	0.6	0.45	1.2	1.2	-
62200B0810000	0.6	0.45	1.2	1.2	-
62200B0812000	0.6	0.45	1.2	1.2	-
62200B0814000	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

Tuotteen mitat - Tee-se-itse

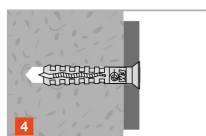
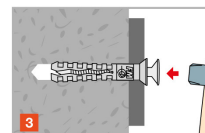
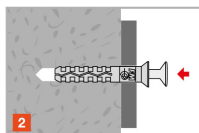
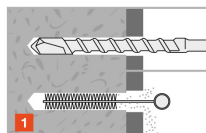
Tuotenro	Tuotenumero	Reiän halkaisija x ankkurin pituus [$d_0 \times L$] [mm]	Ruuvien halkaisija [d] [mm]	Ruuvien pituus [L_v] [mm]	Kpl/blister	Pakkaus/Pkg.
62200B06060F2	TSS	Ø6x60	3.8	65	15	15
62200B08080F2	TSS	Ø8x80	4.8	85	5	30
62200B08100F2	TSS	Ø8x100	4.8	105	10	20
62200B08120F2	TSS	Ø8x120	4.8	125	10	20

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Asennus



Välimatkat ja reunamatkat

Tuoteno	Tuotenumero	Reiän halkaisija x ankkurin pituus [$d_o \times L$] [mm]	Min. reunaväli [cmin] [mm]	Min. spacing [smin] [mm]
62200B0503000	TSS	Ø5x30*	50	50
62200B0504000	TSS	Ø5x40*	50	50
62200B0505000	TSS	Ø5x50*	50	50
62200B0604000	TSS	Ø6x40	100	100
62200B0605000	TSS	Ø6x50	100	100
62200B0606000	TSS	Ø6x60	100	100
62200B0608000	TSS	Ø6x80	100	100
62200B0806000	TSS	Ø8x60	100	100
62200B0808000	TSS	Ø8x80	100	100
62200B0810000	TSS	Ø8x100	100	100
62200B0812000	TSS	Ø8x120	100	100
62200B0814000	TSS	Ø8x140	100	100

* Not included in the approval

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Installation data

Tuotenro	Tuotenumero	Reiän halkaisija x ankkurin pituus [d ₀ xL] [mm]	Ø porausreikä [d0] [mm]	Min. reiän syvyys [h ₁] [mm]	Min. tukipaksuus [h _{min}] [mm]
62200B0503000	TSS	Ø5x30*	5	35	50
62200B0504000	TSS	Ø5x40*	5	35	50
62200B0505000	TSS	Ø5x50*	5	35	50
62200B0604000	TSS	Ø6x40	6	40	100
62200B0605000	TSS	Ø6x50	6	40	100
62200B0606000	TSS	Ø6x60	6	40	100
62200B0608000	TSS	Ø6x80	6	40	100
62200B0806000	TSS	Ø8x60	8	50	100
62200B0808000	TSS	Ø8x80	8	50	100
62200B0810000	TSS	Ø8x100	8	50	100
62200B0812000	TSS	Ø8x120	8	50	100
62200B0814000	TSS	Ø8x140	8	50	100

