Technical Sheet

X3
Højstyrke Lang dybel

X3 dybel i Ø8 og Ø10 mm med undersænket hoved kan benyttes til fastgørelse i beton og murværk.







Features

Materiale

Dybel: nylon
Skrue: hvid zinkbelagt stål

Fordele

- Høj styrke i de fleste grundmaterialer
- Op til tre sættedybder
- Mange anvendelsesmuligheder og hurtig installation
- Stor ekspansion
- Designet til facader og tungt tømrerarbejde

Applications

Anvendelsesområder

- Ventilerede facader
- Stålkonstruktioner
- Trækonstruktioner

Egnet til

- Urevnet beton
- Massive mursten og hulsten
- Letvægtsmursten
- Letbeton
- Sten

Technical Sheet

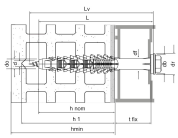
X3
Højstyrke Lang dybel

Teknisk data

Produktdimension - Forsænket PZ-skrue

Reference	Nylon fixings dimensions									
	Produktinformation									
	Produktreference	Stik[mm]	Skrue[mm]	Reduceret fastgørelses tykkelse [tf_{ix}][mm]	Standard fastgørelses tykkelse [tf_{ix}][mm]	Max. emnetykkelse[mm]	Kærv	Antal i kasse[pcs]	Antal pr. ydre kasse[mm]	DB nr.

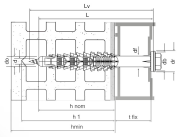
(1) Only for aerated concrete
** Not covered by CE certification*



Produktdimension - TX-skrue med undersænket hoved

Reference	Nylon fixings dimensions									Nylon fixings Installation data
	Produktinformation									Installationsdata
	Produktreference	Stik[mm]	Skrue[mm]	Reduceret fastgørelses tykkelse [tf_{ix}][mm]	Standard fastgørelses tykkelse [tf_{ix}][mm]	Max. emnetykkelse[mm]	Kærv	Antal i kasse[pcs]	Antal pr. ydre kasse[mm]	Ø boreholder[mm]
64602B0808000	X3	8x80	6x88	40	30	-	T30	50.0	500.0	8.5
64602B0810000	X3	8x100	6x108	60	50	-	T30	50.0	500.0	8.5
64602B0812000	X3	8x120	6x128	80	70	-	T30	50.0	500.0	8.5

(1) Only for aerated concrete
NOTE: The thickness of the plaster must be included in the fixing thickness t_{fix}



Produktdimension - Special sekskantet skrue

Produktdimension - Special sekskantet skrue
See full table online ➡️

Reference												
	Produktrefe				[tf_{ix}][mm]	[tf_{ix}][mm]					Antal i kasse[pcs]	Antal ydr kasse[

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Produktdimension - Stor kant Ø18 prop med sekskantet skrue

Produktdimension - Stor kant Ø18 prop med sekskantet skrue
See full table online ➡️

Produktdimension - Gør-det-selv - Forsænket PZ-skrue

Reference	Nylon fixings dimensions								
	Produktinformation								
	Produktreference	Stik[mm]	Skrue[mm]	Reduceret fastgørelses tykkelse [tf_{ix}][mm]	Standard fastgørelses tykkelse [tf_{ix}][mm]	Max. emnetykkelse[mm]	Kærv	Stk/blister	Blister/pakke
64601B08080F2	X3	8x80	6x88	40	30	-	PZ3	4.0	20
64601B08100F2	X3	8x100	6x108	60	50	-	PZ3	4.0	20
64601B08120F2	X3	8x120	6x128	80	70	-	PZ3	4.0	20

(1) Only for aerated concrete
** Not covered by CE certification*

Designkapaciteter - enkelt forankring - ingen kantafstande

Reference	Nylon fixings Loads								
	Designkapaciteter - enkelt forankring - ingen kantafstande								
	Designkapacitet								
	Bøjningsmoment - MRd[Nm]	Spænding - NRd (1)[kN]				Skæring - VRd (1-2)[kN]			
		Ikke-revnet beton C12/25[kN]	Ikke-revnet beton C16/20[kN]	Autoklaveret porebeton AAC[kN]	Massiv mursten (BP400)[kN]	Ikke-revnet beton C12/15[kN]	Ikke-revnet beton C16/20[kN]	Autoclaved aerated concrete AAC[kN]	Massiv mursten[kN]
64602B0808000	11.3	0.65	0.83	-	1.4	-	-	-	-
64602B0810000	11.3	0.65	0.83	-	1.4	-	-	-	-
64602B0812000	11.3	0.65	0.83	-	1.4	-	-	-	-

1. The design loads 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 ≥ 15 cm (any diameter) or with a rebar spacing s ≥ 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 ≤ max [10 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\sigmaL +\sigmaR ≤ 0. In the absence of detailed verification\sigmaR = 3 N/mm² can be assumed (\sigmaL equals the tensile stress within the concrete induced by external loads, anchors loads included).
*Not covered by ETA-11/0080

Technical Sheet

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Anbefalede kapaciteter - enkeltanker - ingen kantafstande

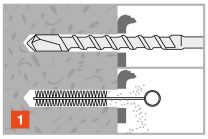
Reference	Nylon fixings Loads								
	Designkapaciteter - enkelt forankring - ingen kantafstande								
	Designkapacitet								
		Spænding - NRd (1)[kN]				Skæring - VRd (1-2)[kN]			
	Bøjningsmoment - MRd[Nm]	Ikke-revnet beton C12/25[kN]	Ikke-revnet beton C16/20[kN]	Autoklaveret porebeton AAC[kN]	Massiv mursten (BP400)[kN]	Ikke-revnet beton C12/15[kN]	Ikke-revnet beton C16/20[kN]	Autoclaved aerated concrete AAC[kN]	Massiv mursten[kN]
64602B0808000	11.3	0.65	0.83	-	1.4	-	-	-	-
64602B0810000	11.3	0.65	0.83	-	1.4	-	-	-	-
64602B0812000	11.3	0.65	0.83	-	1.4	-	-	-	-

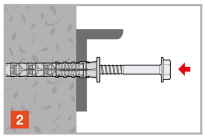
1. The recommended loads have been calculated using the partial safety factors for resistances stated in ETA-approval(s) and with a partial safety factor for actions of γF=1.4. The loading figures
are valid for unreinforced concrete and reinforced concrete with a rebar spacing s ≥ 15 cm (any diameter) or with a rebar spacing s ≥ 10 cm, if the rebar diameter is 10 mm or smaller.
2. The figures for shear are based on a single anchor without influence of concrete edges. For anchorages close to edges (c ≤ max [10 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\sigmaL +\sigmaR ≤ 0. In the absence of detailed verification\sigmaR = 3 N/mm² can be assumed (\sigmaL equals the tensile stress within the concrete induced by external loads, anchors loads included).

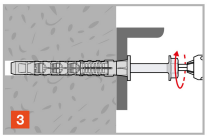
Technical Sheet

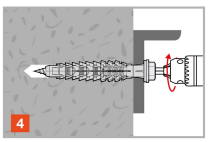
X3
Højstyrke Lang dybel

Montering









Afstande og kantafstande

Reference	Nylon fixings dimensions								
	Produktinformation							Ikke-revnet beton C1	
	Prod							Min. dbyrdes afstand (Beton) [kN]	Karakteristis kantafstand[m
64602B0808000								85	85
64602B0810000	X3	8x100	100	250	-	240	70	85	85

Afstande og kantafstande
See full table online ➡️

Installation data

Reference	Nylon fixings Installation data		
	Installationsdata		
	Borediameter[mm]	Min. huldybde [h_1][mm]	Ø boreholder[mm]
64602B0808000	8	55	8.5
64602B0810000	8	55	8.5
64602B0812000	8	55	8.5

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2026-11-14