Technical Sheet

FM 753 evo
Gennemstiksanker

Det nye FM 753 evo anker er et heavy duty ekspansionsanker til medium-høje laster, i str. M6-M20 til fastgørelse i urevnet beton C20/20 – C50/60.





Features

Materiale

- Koldformet kulstofstålhus med speciel geometrisk klips

Fordele

- Optimeret geometri for høj Styrke
- Clips med modhager for høj styrke og sikkerhed
- Højstyrkestål for top ydelse
- Overfladebehandlet for optimal funktion af clip/kegle
- Bredt udvalg af certificerede ankre

Applications

Anvendelsesområder

Gelændere
Metal- og træarbejde
Fasader

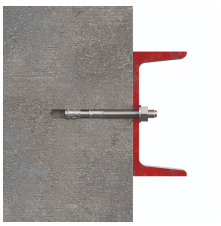
Egnet til:

- Urevnet beton
- Sten

















Fixation de structure bois



Zoom de la pointe



Steel frame structure anchoring

Technical Sheet

FM 753 evo
Gennemstiksanker

Teknisk data

Dimensions

Reference	Metallic fixings dimensions											
	Andre								Dimensioner[mm]			
	NOI								D[1])	Gevindlængde [Lv][mm]	stør	
75340B0811300	607								G	60		
75340B1006300	60743080	5	10	12	50.0	200	0.047	FM 753 evo	M10x63*/**	A	25	
75340B1008300	60743081	10	10	12	50.0	200	0.056	FM 753 evo	M10x83	C	40	

Dimensions
See full table online ➡️

Designkapaciteter - enkelt forankring - ingen kantafstande

Reference	Metallic fixings dimensions	Metallic fixings loads								
	Dim									Design capacit - Cracked concrete
	G								60[kN]	Bøjningsmomer MRd[Nm]
75340B0811300									7.9	21.5
75340B1006300	M								1.6	37.3
75340B1008300	M10x83	11.6	14.2	16.4	18.3	11.6	11.6	11.6	11.6	37.3

Designkapaciteter - enkelt forankring - ingen kantafstande
See full table online ➡️

Anbefalede kapaciteter - enkeltanker - ingen kantafstande

Reference	Metallic fixings dimensions	Metallic fixings loads								
	Dim									Designkapacite - ikke-revnet beton (3)[kN]
	G								60[kN]	Bøjningsmomer MRd[Nm]
75340B0811300									5.6	5.6
75340B1006300	M								8.3	8.3

Anbefalede kapaciteter - enkeltanker - ingen kantafstande
See full table online ➡️

Technical Sheet

FM 753 evo
Gennemstiksanker

Designkapaciteter – enkeltanker – ingen kantafstande – reduceret indstøbningsdybde

Reference	Metallic fixings dimensions	Metallic fixings loads	Installationsdata				
	Dimensioner[mm]	Designbelastninger - Træk & Skæring - N_{rd}[kN]	Installationsdata	Afstande og kantafstande			
	Größe[mm]		Reduceret indstøbningsdybde [$h_{ef,r}$][mm]	Karakteristisk afstand for $h_{ef,r}$(5) [mm]	Karakteristisk kantafstand for $h_{ef,r}$[mm]	Min. afstand for $h_{ef,r}$[mm]	Min. kantafstand for $h_{ef,r}$
75340B0811300	M8x113	13.4	30	90	45	40	40
75340B1006300	M10x63*/**	26.6	35	105	55	50	50
75340B1008300	M10x83	26.6	35	105	55	50	50
75340B1010300	M10x103	26.6	35	105	55	50	50
75340B1012300	M10x123	26.6	35	105	55	50	50
75340B1208500	M12x85*/**	46.6	50	150	75	70	70
75340B1210900	M12x109	46.6	50	150	75	70	70
75340B1212900	M12x129	46.6	50	150	75	70	70
75340B1214900	M12x149	46.6	50	150	75	70	70
75340B1219900	M12x199	46.6	50	150	75	70	70
75340B1611000	M16x110*/**	110.9	59	180	90	90	90
75340B1615100	M16x151	110.9	59	180	90	90	90
75340B1617100	M16x171	110.9	59	180	90	90	90
75340B1622100	M16x221	110.9	59	180	90	90	90

Shear value valid with distance from the edge c>10 x $h_{ef,r}$

Anbefalede kapaciteter - enkeltanker - ingen kantafstande - reduceret indstøgningsdybde

Reference	Metallic fixings dimensions	Metallic fixings loads	Installationsdata				
	Dimensioner[mm]	spænding/skjærbelastning R_{rec}[kN]	Installationsdata	Afstande og kantafstande			
	Größe[mm]		Reduceret indstøbningsdybde [$h_{ef,r}$][mm]	Karakteristisk afstand for $h_{ef,r}$(5) [mm]	Karakteristisk kantafstand for $h_{ef,r}$[mm]	Min. afstand for $h_{ef,r}$[mm]	Min. kantafstand for $h_{ef,r}$
75340B0811300	M8x113	1.7	30	90	45	40	40
75340B1006300	M10x63*/**	3.4	35	105	55	50	50
75340B1008300	M10x83	3.4	35	105	55	50	50
75340B1010300	M10x103	3.4	35	105	55	50	50
75340B1012300	M10x123	3.4	35	105	55	50	50
75340B1208500	M12x85*/**	5.2	50	150	75	70	70
75340B1210900	M12x109	5.2	50	150	75	70	70
75340B1212900	M12x129	5.2	50	150	75	70	70
75340B1214900	M12x149	5.2	50	150	75	70	70
75340B1219900	M12x199	5.2	50	150	75	70	70
75340B1611000	M16x110*/**	6.5	59	180	90	90	90
75340B1615100	M16x151	6.5	59	180	90	90	90
75340B1617100	M16x171	6.5	59	180	90	90	90
75340B1622100	M16x221	6.5	59	180	90	90	90

The recommended loads N,V and F derive from the mean ultimate loads and are inclusive of the total safety factor γ=4 (shear γ=3).
Shear value valid with distance from the edge c>10 x hef,r

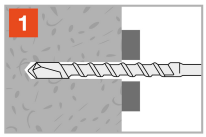
Technical Sheet

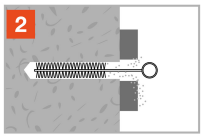
FM 753 evo
Gennemstiksanker

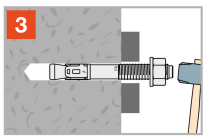
Produktdimension - Gør-det-selv

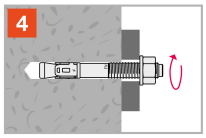
Reference	Metallic fixings dimensions				
	Dimensioner[mm]	Bezeichnung	Andre		
	Größe[mm]		Fastgørelsesdybde [$tfix,max$] med standard indstillingsdybde [hef,stD][mm]	Stk/blister	Blister/pakke

Montering









Spacing, Edge Distance and Member Thickness

Reference	Metallic fixings dimensions				Installationsdata				
	Dimensioner[mm]		Andre		Installationsdata			Spacing and edge distances - Rebar	
	Grö							kelse	Min. edge distance[mm]
75340B0811300	M								40
75340B1006300	M1(								50
75340B1008300	M								50
75340B1010300	M10x103	17	10	12	70	30	50	100	50
75340B1012300	M10x123	17	10	12	70	30	50	100	50

Spacing, Edge Distance and Member Thickness
See full table online ➡️

Copyright by Simpson Strong-Tie®
Oplysningerne i dette dokument ejes eksklusivt af Simpson Strong-Tie® A/S.
De er kun gældende i forbindelse med produkter, som forhandles af Simpson Strong-Tie® A/S.