

Technical Sheet

FM-753 CRACK A4

Doorsteekanker met seismische certificering - rsv A4

FRULSIDER

SIMPSON
StrongTie

Doorsteekanker van roestvrij staal A4 voor middelzware belastingen in de maten M8 - M16 voor verankering in gescheurd en ongescheurd beton C20/25 - C50/60 t, ook voor gebruik in aardbevingsgebied prestatiecategorie C1/C2.

Features

Materiaal

- Rvs A4

Voordelen

- Weerstand tegen seismische en dynamische belastingen
- Seismische categorie C1 en C2
- Onmiddellijke uitzetting
- Verdikking aan de 3 uitzettingssegmenten
- 9 hechtingstanden voor een betere hechtkracht aan de boorgatwanden
- Brandwerendheid R120

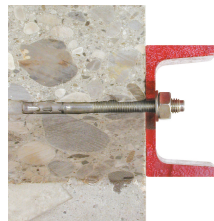
Applications

Applications

- Structural fixings
- Steel constructions
- Seismic applications

Toepassingsgebieden

- Gescheurd beton
- Ongescheurd beton
- Steen

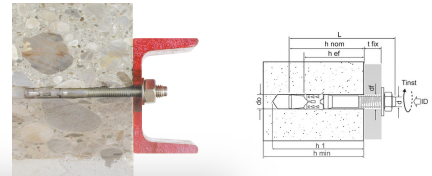


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Technische gegevens

Product dimensions



Product dimensions

See full table online [→](#)



Referentie	Thread length	Productreferentie	[U _{ix,max}] with	[U _{ix,max}] with	Hole diameter	Hole diameter	[h ₁] in concrete	Min. setting	Qty per
7535000806800	M8x75	FM-753 CRACK A4	10.5	4.8	5.9	6.8	7.4	7.8	7.8
7535000807500	M8x75	FM-753 CRACK A4	10.5	4.8	5.9	6.8	7.4	7.8	7.8

Recommended loads / Non-cracked concrete / for single anchors / with no edge distances or spacings

Referentie	Metallic fixings dimensions		Metallic fixings loads						
	Afm	Dim	Recommended loads / Non-cracked concrete / for single anchors / with no edge distances or spacings						
7535000806800	M8x75	FM-753 CRACK A4	10.5	4.8	5.9	6.8	7.4	7.8	7.8
7535000807500	M8x75	FM-753 CRACK A4	10.5	4.8	5.9	6.8	7.4	7.8	7.8

Recommended loads / Non-cracked concrete / for single anchors / with no edge distances or spacings

See full table online [→](#)



Shear - V_{rec}[kN]

30/37[kN] C40/50[kN]

7.8 7.8

7.8 7.8

Design capacities - single anchor - no edge distances - Uncracked concrete

Referentie	Metallic fixings dimensions		Metallic fixings loads						
	Afm	Dim	Design capacity - Non-cracked concrete (3)[kN]						
7535000806800	M8x75	FM-753 CRACK A4	10.5	4.8	5.9	6.8	7.4	7.8	7.8
7535000807500	M8x75	FM-753 CRACK A4	10.5	4.8	5.9	6.8	7.4	7.8	7.8
7535001009000	M10x90	FM-753 CRACK A4	-	10.7	-	-	-	18.8	-

Design capacities - single anchor - no edge distances - Uncracked concrete

See full table online [→](#)



Shear - V_{Rd} (1-2)[kN]

30/37[kN] C40/50[kN]

- -

- -

- -

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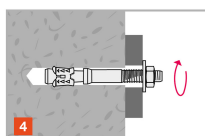
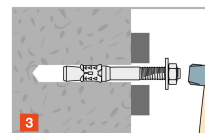
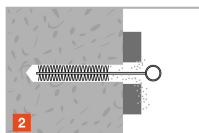
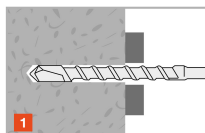
Recommended loads - Cracked concrete - single anchor - no edge distances

Referentie	Metallic fixings dimensions		Metallic fixings loads							
	Afmetingen[mm]		Recommended loads - Cracked concrete							
	Dimensie		Tension - F _{rec}						Shear - V _{rec}	
			C30/37						C40/50	C50/60
			[kN]						[kN]	[kN]

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Plaatsing



Installation data

Referentie	Metallic fixings dimensions			Montagegegevens					
	Afmetingen[mm]		Productreferentie	Montagegegevens					Spacing and edge distances
	Dimensions[mm]	Wrench size[mm]		Ø drilling hole[mm]	Min. boorgatdiepte[mm]	Ø drilling fixture[mm]	Installation torque[Nm]	Embedment depth[mm]	Min. support thickness[mm]
7535000806800	M8x68	13	FM-753 CRACK A4	8	70	9	20	48	100
7535000807500	M8x75	13	FM-753 CRACK A4	8	70	9	20	48	100
7535001009000	M10x90	17	FM-753 CRACK A4	10	80	12	40	60	120
7535001211000	M12x110	19	FM-753 CRACK A4	12	100	14	60	72	150
7535001212000	M12x120	19	FM-753 CRACK A4	12	100	14	60	72	150
7535001214500	M12x145	19	FM-753 CRACK A4	12	100	14	60	72	150

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Spacings and edge distances

Referentie	Metallic fixings dimensions		Montagegegevens			
	Afmetingen[mm]	Productreferentie	Spacing and edge distances			
	Dimensions[mm]		Min. hartafstand[mm]	S _{min} [mm]	Characteristic edge distance[mm]	Characteristic spacing(5) - Scr,N[mm]
7535000806800	M8x68	FM-753 CRACK A4	50	50	72	144
7535000807500	M8x75	FM-753 CRACK A4	50	50	72	144
7535001009000	M10x90	FM-753 CRACK A4	50	55	90	180
7535001211000	M12x110	FM-753 CRACK A4	60	60	108	216
7535001212000	M12x120	FM-753 CRACK A4	60	60	108	216
7535001214500	M12x145	FM-753 CRACK A4	60	60	108	216

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