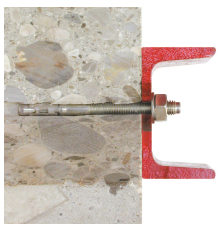
Technical Sheet

FM-753 CRACK 3DG
Heavy Duty Wedge Anchor with Seismic Certification

Heavy-duty wedge anchor for the medium load range in sizes M8 - M16 for anchoring in cracked and non-cracked concrete C20/25 - C50/60, as well as for seismic actions of the performance category C1/C2.







Features

Material

- Hardened and tempered anchor body grade 9.8
- Special anti-corrosion coating 3DG with glossy finish
- Stainless steel A4 clip

Benefits

- Dynamic and seismic loads
- Seismic performance C1 and C2
- Immediate expansion
- Increased thickness of three expander segments
- Nine gripping dents for greater adhesion to hole wall
- Fire resistance R120

Applications

Applications

- Structural fixings
- Steel constructions
- Seismic applications

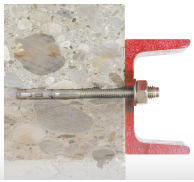
Suitable for

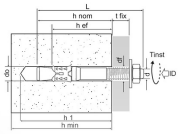
- Cracked concrete
- Non-cracked concrete
- Solid stone

Technical Sheet

FM-753 CRACK 3DG
Heavy Duty Wedge Anchor with Seismic Certification

Technical Data





Product dimensions

Product dimensions
See full table online ➡️

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

Reference	Metallic fixings dimensions							Metallic fixings loads							
	Dim														
	Dim														
														r - Vrec[kN]	
														kN]	C40/50[kN]	C50/6
75350B0807500															6.1	6.

Recommended loads / Non-cracked-concrete / for single anchors / with no edge distances or spacings
See full table online ➡️

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

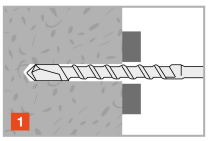
Reference	Metallic fixings dimensions							Metallic fixings loads							
	Product Dimensions[mm]							Design capacity - Non-cracked concrete (3)[kN]							
	Dim													VRd (1-2)[kN]	
														N]	C40/50[kN]	C50/6
75350B0807500															-	-

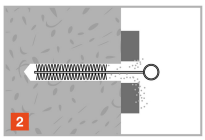
Design capacities - single anchor - no edge distances - Uncracked concrete
See full table online ➡️

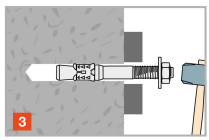
FM-753 CRACK 3DG

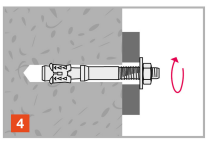
Heavy Duty Wedge Anchor with Seismic Certification

Installation









Spacings and edge distances

Reference	Metallic fixings dimensions		Installation data			
	Product Dimensions[mm]	Product Reference	Spacing and edge distances			
	Dimensions[mm]		Min. edge distance[mm]	Min. spacing[mm]	Characteristic edge distance[mm]	Characteristic spacing(5) - Scr,N[mm]
75350B0807500	M8x75	FM-753 CRACK 3DG	50	50	72	144
75350B0809000	M8x90	FM-753 CRACK 3DG	50	50	72	144
75350B1009000	M10x90	FM-753 CRACK 3DG	60	60	90	180
75350B1010500	M10x105	FM-753 CRACK 3DG	60	60	90	180
75350B1011500	M10x115	FM-753 CRACK 3DG	60	60	90	180
75350B1013500	M10x135	FM-753 CRACK 3DG	60	60	90	180
75350B1015500	M10x155	FM-753 CRACK 3DG	60	60	90	180
75350B1211000	M12x110	FM-753 CRACK 3DG	70	70	110	220
75350B1212000	M12x120	FM-753 CRACK 3DG	70	70	110	220
75350B1214500	M12x145	FM-753 CRACK 3DG	70	70	110	220
75350B1220000	M12x200	FM-753 CRACK 3DG	70	70	110	220
75350B1615000	M16x150	FM-753 CRACK 3DG	85	80	120	258
75350B1622000	M16x220	FM-753 CRACK 3DG	85	80	120	258

FM-753 CRACK 3DG
Heavy Duty Wedge Anchor with Seismic Certification

Installation data

Reference	Metallic fixings dimensions			Installation data					
	Product Dimensions[mm]		Product Reference	Installation data					Spacing and edge distances
	Dimensions[mm]	Wrench size[mm]		Ø drilling hole[mm]	Min. drill depth[mm]	Ø drilling fixture[mm]	Installation torque[Nm]	Embedment depth[mm]	Min. support thickness[mm]
75350B0807500	M8x75	13	FM-753 CRACK 3DG	8	70	9	20	48	100
75350B0809000	M8x90	13	FM-753 CRACK 3DG	8	70	9	20	48	100
75350B1009000	M10x90	17	FM-753 CRACK 3DG	10	80	12	40	60	120
75350B1010500	M10x105	17	FM-753 CRACK 3DG	10	80	12	40	60	120
75350B1011500	M10x115	17	FM-753 CRACK 3DG	10	80	12	40	60	120
75350B1013500	M10x135	17	FM-753 CRACK 3DG	10	80	12	40	60	120
75350B1015500	M10x155	17	FM-753 CRACK 3DG	10	80	12	40	60	120
75350B1211000	M12x110	19	FM-753 CRACK 3DG	12	100	14	60	72	150
75350B1212000	M12x120	19	FM-753 CRACK 3DG	12	100	14	60	72	150
75350B1214500	M12x145	19	FM-753 CRACK 3DG	12	100	14	60	72	150
75350B1220000	M12x200	19	FM-753 CRACK 3DG	12	100	14	60	72	150
75350B1615000	M16x150	24	FM-753 CRACK 3DG	16	115	18	120	86	170
75350B1622000	M16x220	24	FM-753 CRACK 3DG	16	115	18	120	86	170

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