

ETA Approved Drop In

Cracked and Non-cracked concrete (Multiple use for non-structural applications)

Performance Data (C20/25 Concrete)							
Thread Diam	Characteristic Resistance		Design Resistance (γ_{Ms} frpm ETA)		Approved Resistance ($\gamma_F=1.4$)	Spacing	Edge Distance
mm	kN		kN		kN	mm	mm
	Load in any direction		Load in any direction		Load in any direction	Tensile & Shear	Tensile & Shear
8	5.0		2.31		1.65	90	95
10	6.0		2.77		1.92	120	135
12	6.0		3.33		2.37	150	165
16	16.0		8.88		6.34	195	200

Non-Cracked concrete

Performance Data (C20/25 Concrete)									
Thread Diam	Characteristic Resistance		Design Resistance (γ_{Ms} frpm ETA)		Approved Resistance ($\gamma_F=1.4$)		Spacing	Edge Distance	
mm	kN		kN		kN		mm	mm	
	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear
6 ⁽¹⁾	8.3	4.0	5.5	2.39	3.9	1.70	90	80	95
8 ⁽¹⁾	8.3	7.3	5.5	4.37	3.9	3.12	90	95	95
10	12.7	9.6	8.5	5.75	6.0	4.10	120	135	135
12	17.8	16.8	11.9	10.06	8.5	7.18	150	165	165
16	26.4	31.3	17.6	18.74	12.5	13.38	195	200	200

(1) Use restricted to anchoring of structural components statically indeterminate.