

Hammerset anchor EA N

Recommended loads¹⁾ of a single anchor in normal concrete of strength class C20/25.

Type	Material/ surface ²⁾	Screw material	Effective anchorage depth h_{ef} [mm]	Minimum member thickness h_{min} [mm]	Maximum installation torque $T_{inst,max}$ [Nm]	Non-cracked concrete		
						Recommended tension load (N_{rec}); minimum spacing (s_{min}) and edge distances (c_{min}) with reduced loads		
						N_{rec} [kN]	s_{min} ²⁾ [mm]	c_{min} ²⁾ [mm]
EA M6 x 25 N ³⁾	gvz	≥ 4.6	25	100	4	2.0	65	115
EA M8 x 30 N ³⁾	gvz	≥ 4.6	30	100	8	2.5	95	140
EA M10 x 40 N	gvz	≥ 4.6	40	100	15	4.5	150	180
EA M12 x 50 N	gvz	≥ 4.6	50	120	35	6.0	145	200
EA M12 x 50 N D	gvz	≥ 4.6	50	120	35	6.0	145	200
EA M16 x 65 N	gvz	≥ 4.6	65	160	60	11.5	180	240
EA M20 x 80 N	gvz	≥ 4.6	80	200	120	16.0	190	280

¹⁾ Required safety factors are considered.

²⁾ Minimum possible axial spacings resp. edge distance while reducing the recommended load.

³⁾ Only suitable for statically indeterminate systems.