

Hammerset anchor EA N imperial-metric

Recommended loads for a single anchor¹⁾ in normal concrete of strength class C20/25.

Type	Material/ surface	Screw material	Effective anchorage depth h_{ef} [mm]	Minimum member thickness h_{min} [mm]	Maximum installation torque $T_{inst,max}$ [Nm]	Non-cracked concrete			
						N_{rec} [kN]	$s_{min}^{2)}$ [mm]	$c_{min}^{2)}$ [mm]	
EA IM 1/4x25 N	gvz	≥ 4.6	25	100	4	3.0	65	115	
EA IM 5/16x30 N	gvz	≥ 4.6	30	100	8	4.0	95	140	
EA IM 3/8x40 N	gvz	≥ 4.6	40	100	15	6.0	150	180	
EA IM 1/2x50 N	gvz	≥ 4.6	50	120	35	7.0	145	200	
EA IM 5/8x65 N	gvz	≥ 4.6	65	160	60	12.0	180	240	
EA IM 3/4x80 N	gvz	≥ 4.6	80	200	120	18.0	190	280	

¹⁾ Only suitable for statically indeterminate systems. Required safety factors are considered.

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