

# Loads

## Hammerset anchor EA N imperial-metric

Recommended loads for a single anchor<sup>1)</sup> in normal concrete of strength class C20/25.

						Non-cracked concrete		
	Material/ surface	Screw material	Effective anchorage depth	Minimum member thickness	Maximum installation torque	Recommended tension load ( $N_{rec}$ ); minimum spacing ( $s_{min}$ ) and edge distances ( $c_{min}$ ) with reduced loads		
Type			$h_{ef}$ [mm]	$h_{min}$ [mm]	$T_{inst,max}$ [Nm]	$N_{rec}$ [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

<sup>1)</sup> Only suitable for statically indeterminate systems. Required safety factors are considered.

<sup>2)</sup> Minimum possible axial spacings resp. edge distance while reducing the recommended load.