

MODEL KCCAB WEDGE TYPE CONCRETE ANCHOR DATA

Table A4.2-1; Model KCCAB Anchor Capacities – 3,000 psi Normal Weight Concrete – Standard Embedments

Anchor Size (in)	Pilot Hole Depth (in)	Anchor Embedment (in)	Allowable Tensile Load (ASD) (lbs)	Allowable Combined Load (ASD) (lbs)	Allowable Shear Load (ASD) (lbs)	Critical Anchor Spacing (in)	Critical Anchor Edge Distance (in)	Minimum Concrete Thickness (in)
3/8	2 5/8	2	808	567	922	6	4 3/8	4
1/2	4	3 1/4	1,750	1,251	2,082	9 3/4	7 1/2	6
5/8	4 3/4	4	2,079	1,675	3,430	12	9	6
3/4	5 3/4	4 3/4	3,133	2,525	5,177	14 1/4	11 3/4	8

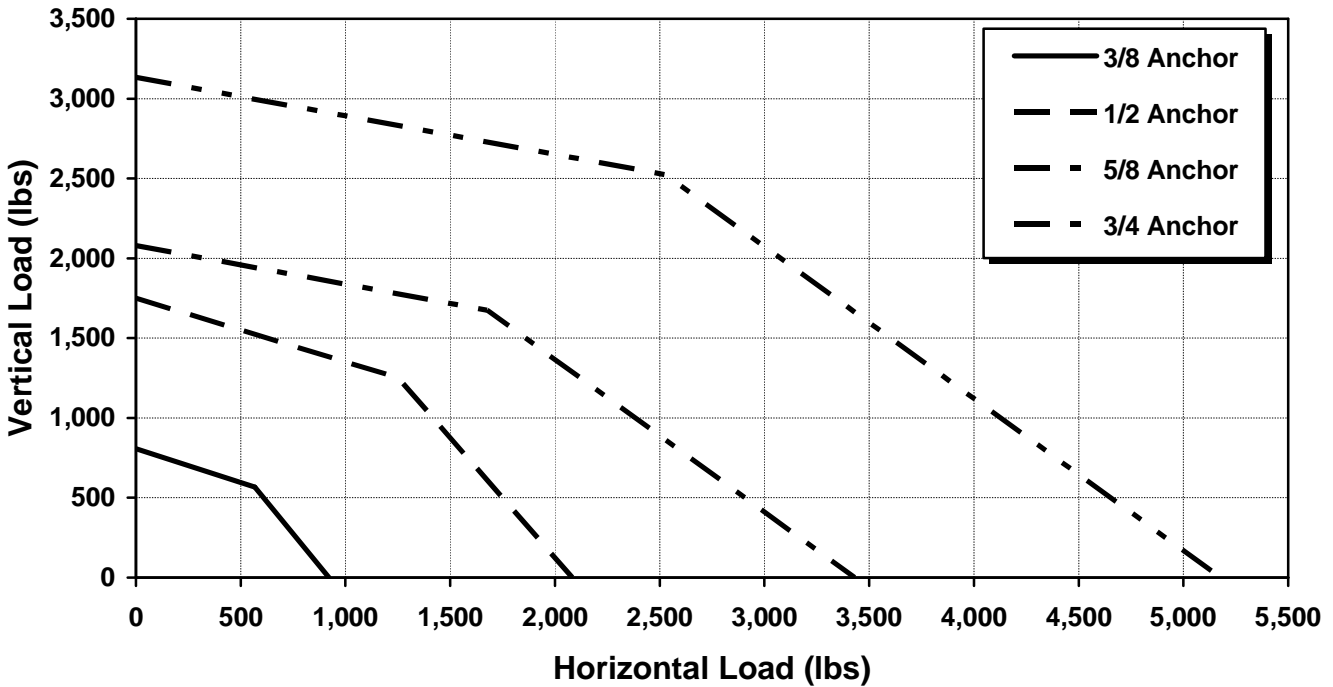


Figure A4.2-1; Seismic Capacity Envelopes for Model KCCAB Concrete Anchors – 3,000 psi Normal Weight Concrete – Standard Embedments

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