



Battery Rack Tapered Concrete Anchor Bolts Technical Specifications

Features:

The ACRAN Battery Rack Tapered Concrete Anchor is a two-component, expansion type unit designed for all battery rack applications. The anchor is a Grade 5 bolt with special threads on the tapered end and a matching-thread, two-part expander nut. The anchor nut provides the holding force so that depth of the hole can be over drilled and is parallel to the hole for greater holding power. Horizontal loading enhances concrete strength. Anchor can be re-torqued to original foot-pound and is easily removed with no exposed threads or studs.



Acran Item Number	5ANB0038	5ANB0050	5ANB0075	5ANB0010
Anchor Dimensions (in.)	3/8 x 2-5/8	1/2 x 2-7/8	3/4 x 4-1/8	1 x 5-5/8
Min. Embedment (in.)	1-7/8	2-3/8	3-3/8	4-5/8
Required Torque to Set (ft. lbs.)	40	90	250	550
Required Head Clearance (in.)	3/16	1/4	7/16	5/8
Ultimate Tension 3000 PSI	4,030	8,165	11,906	28,263
Ultimate Shear 3000 PSI	7,177	12,177	27,916	36,257
Ultimate Tension 5000 PSI	4,987	9,346	17,073	30,817
Ultimate Shear 5000 PSI	8,567	15,217	28,110	38,487

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