



Sure-Bolt® Suitable for installation in **CRACKED CONCRETE, UNCRACKED CONCRETE, REINFORCED CONCRETE & STONE.**

The Aerosmith® Sure Bolt® is a one-piece, heavy duty screw anchor with a finished hex head. The anchor is manufactured from carbon steel and is heat treated. The Sure-Bolt™ is available in a variety of sizes from 1/4 to 3/4 inch. The hex head diameter is larger than the diameter of the anchor and is formed with serrations on the underside. The anchor can be installed in a pre-drilled hole with a powered impact wrench or a torque wrench. The anchor threads cut into concrete on the sides of the hole and interlock with the base material during the installation. Once installed they are easily identifiable by head markings with ASF on the head. Suitable base materials include normal weight concrete, and lightweight concrete. The anchor is designed for consistent and reliable performance in cracked and uncracked concrete.

APPLICATIONS:

- Structural anchoring in cracked and uncracked concrete, including industrial environments
- Glazing, windows and shop windows
- Industrial racking and conveyor systems
- Installation of railings and handrails in interiors applications
- Anchoring of machinery, boilers, signs, stadium seating, facade substructures, etc.
- Anchoring through wood into concrete base materials
- Removable

FEATURES AND BENEFITS:

- Quick and easy installation
- Use in cracked and uncracked concrete
- Use for medium-heavy duty loads.
- Finished hex head
- Removable
- One piece assembly
- Variety of length and diameters
- Suitable when reduced distance to edge and between anchors is required
- Mechanical interlock between concrete and thread
- For static and quasi static loads
- Can be un-installed leaving the surface clear with no obstructions

APPROVALS:

Category 1 Cracked & Uncracked Concrete
ICC-ES ESR-4414
IBC Listed 2009, 2012, 2015, 2018
IRC Listed 2009, 2012, 2015, 2018
CBC 2016 Listed
CRC 2016 Listed
LABC 2017 Listed
LARC 2017 Listed
FBC 2017 Listed
FRC 2017 Listed

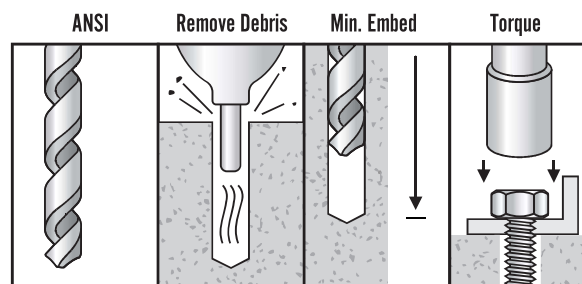


BASE MATERIAL:

- Normal weight and lightweight concrete
- Reinforced concrete
- Cracked and uncracked concrete

ANCHOR COMPONENT MATERIALS:

Carbon Steel Body, Zinc Plated, with a hex washer head



Part ID	Description	Overall Length	Diameter	ANSI Drill Diameter	Min. Embed	Max. Torque	Box Quantity	Carton Quantity
*CB14114CC	1/4" x 1-1/4"	1-1/4"	1/4"	1/4"	1"	24 ft lbs	100	800
*CB14134CC	1/4" x 1-3/4"	1-3/4"	1/4"	1/4"	1-1/2"	24 ft lbs	100	800
*CB14214CC	1/4" x 2-1/4"	2-1/4"	1/4"	1/4"	1-5/8"	24 ft lbs	100	400
*CB14300CC	1/4" x 3"	3"	1/4"	1/4"	1-5/8"	24 ft lbs	50	400
*CB38134CC	3/8" x 1-3/4"	1-3/4"	3/8"	3/8"	1-1/2"	35 ft lbs	50	200
CB38212CC	3/8" x 2-1/2"	2-1/2"	3/8"	3/8"	2-1/4"	35 ft lbs	50	200
CB38300CC	3/8" x 3"	3"	3/8"	3/8"	2-1/2"	35 ft lbs	50	200
CB38400CC	3/8" x 4"	4"	3/8"	3/8"	2-1/2"	35 ft lbs	50	200
CB38500CC	3/8" x 5"	5"	3/8"	3/8"	2-1/2"	35 ft lbs	50	200
CB38600CC	3/8" x 6"	6"	3/8"	3/8"	2-1/2"	35 ft lbs	50	200
*CB12200CC	1/2" x 2"	2"	1/2"	1/2"	1-3/4"	35 ft lbs	50	100
*CB12212CC	1/2" x 2-1/2"	2-1/2"	1/2"	1/2"	2-1/4"	45 ft lbs	50	100
CB12300CC	1/2" x 3"	3"	1/2"	1/2"	2-3/4"	45 ft lbs	50	100
CB12400CC	1/2" x 4"	4"	1/2"	1/2"	3"	45 ft lbs	50	100
CB12500CC	1/2" x 5"	5"	1/2"	1/2"	3"	45 ft lbs	25	50
CB12600CC	1/2" x 6"	6"	1/2"	1/2"	3"	45 ft lbs	25	50
CB12800CC	1/2" x 8"	8"	1/2"	1/2"	3"	45 ft lbs	20	80
*CB58300CC	5/8" x 3"	3"	5/8"	5/8"	2-3/4"	85 ft lbs	25	50
CB58400CC	5/8" x 4"	4"	5/8"	5/8"	3-1/4"	85 ft lbs	25	50
CB58500CC	5/8" x 5"	5"	5/8"	5/8"	3-1/4"	85 ft lbs	25	50
CB58600CC	5/8" x 6"	6"	5/8"	5/8"	3-1/4"	85 ft lbs	20	40
CB58800CC	5/8" x 8"	8"	5/8"	5/8"	3-1/4"	85 ft lb	20	40
CB34400CC	3/4" x 4"	4"	3/4"	3/4"	3-3/4"	115 ft lbs	20	40
CB34500CC	3/4" x 5"	5"	3/4"	3/4"	4"	115 ft lbs	20	40
CB34600CC	3/4" x 6"	6"	3/4"	3/4"	4"	115 ft lbs	10	20
CB34800CC	3/4" x 8"	8"	3/4"	3/4"	4"	115 ft lbs	10	20
CB34100CC	3/4" x 10"	10"	3/4"	3/4"	4"	115 ft lbs	10	20

*This size is less than the required minimum standard anchor length for strength design