

Sure-Wedge®

Suitable for installation in **CRACKED CONCRETE, UNCRACKED CONCRETE, REINFORCED CONCRETE & STONE.**

Aerosmith®'s Sure Wedge® are torque-controlled, mechanical expansion anchors consisting of an anchor body, expansion clip, nut and washer. The anchor body has a tapered mandrel formed on the installed end of the anchor and a threaded section at the opposite end. Suitable base materials include, normal weight concrete and lightweight concrete. The anchors are used to resist static; wind and seismic tension and shear loads in cracked and uncracked normal weight and lightweight concrete having a specific compressive strength of 2500 PSI to 8500 PSI. The anchor is manufactured with a zinc plated carbon steel body and sherardized clip that wraps around the mandrel, rotating freely before installation.



APPLICATIONS:

- Barriers
- Railings
- Warehouse racking
- Conveyor systems
- Machinery
- Signage
- Fence posts
- Shelving
- Windows
- Overhead doors
- Electrical pipes
- Light fixtures

FEATURES AND BENEFITS:

- Consistent performance in all types of concrete
- Drill size same as anchor size
- Easy and simple installation
- One piece design
- Comes complete with nuts and washers

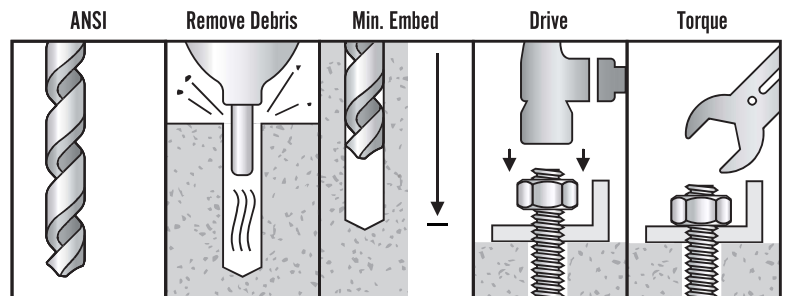
BASE MATERIAL:

- Solid concrete
- Grout-filled masonry
- Hard stone

ANCHOR COMPONENT MATERIALS: Carbon Steel Zinc Plated (body, nut, washer and expansion clip)

APPROVALS:

Category 1 Cracked & Uncracked Concrete ICC-ES ESR-4413
 IBC Listed 2018, 2015, 2012, 2009
 IRC Listed 2009, 2012, 2015, 2018
 CBC 2016 Listed
 CRC 2016 Listed
 LABC 2017 Listed
 LARC 2017 Listed
 FBC 2017 Listed
 FRC 2017 Listed



Part ID	Description	Overall Length	Diameter	Drill Diameter	Min. Embed	Max. Torque	Box Quantity	Carton Quantity
*WA14134CC	Wedge Anchor Zinc ICC 1/4" X 1-3/4"	1-3/4"	1/4"	1/4"	1-1/2"	4 ft lbs	100	800
*WA14214CC	Wedge Anchor Zinc ICC 1/4" X 2-1/4"	2-1/4"	1/4"	1/4"	2"	4 ft lbs	100	800
*WA14314CC	Wedge Anchor Zinc ICC 1/4" X 3 1/4"	3-1/4"	1/4"	1/4"	2"	4 ft lbs	100	800
*WA38214CC	Wedge Anchor Zinc ICC 3/8" X 2-1/4"	2-1/4"	3/8"	3/8"	2-1/3"	30 ft lbs	50	400
*WA38234CC	Wedge Anchor Zinc ICC 3/8" X 2-3/4"	2-3/4"	3/8"	3/8"	2-1/3"	30 ft lbs	50	400
WA38300CC	Wedge Anchor Zinc ICC 3/8" X 3"	3"	3/8"	3/8"	2-1/3"	30 ft lbs	50	200
WA38312CC	Wedge Anchor Zinc ICC 3/8" X 3-1/2"	3-1/2"	3/8"	3/8"	2-1/3"	30 ft lbs	50	200
WA38334CC	Wedge Anchor Zinc ICC 3/8" X 3-3/4"	3-3/4"	3/8"	3/8"	2-1/3"	30 ft lbs	50	200
WA38500CC	Wedge Anchor Zinc ICC 3/8" X 5"	5"	3/8"	3/8"	2-1/3"	30 ft lbs	50	200
WA38700CC	Wedge Anchor Zinc ICC 3/8" X 7"	7"	3/8"	3/8"	2-1/3"	30 ft lbs	50	100
*WA12234CC	Wedge Anchor Zinc ICC 1/2" X 2-3/4"	2-3/4"	1/2"	1/2"	2-1/3"	30 ft lbs	50	200
WA12334CC	Wedge Anchor Zinc ICC 1/2" X 3-3/4"	3-3/4"	1/2"	1/2"	2-1/3"	45 ft lbs	50	200
WA12412CC	Wedge Anchor Zinc ICC 1/2" X 4-1/2"	4-1/2"	1/2"	1/2"	2-1/3"	45 ft lbs	50	100
WA12512CC	Wedge Anchor Zinc ICC 1/2" X 5-1/2"	5-1/2"	1/2"	1/2"	2-1/3"	45 ft lbs	25	100
WA12700CC	Wedge Anchor Zinc ICC 1/2" X 7"	7"	1/2"	1/2"	2-1/3"	45 ft lbs	25	100
WA12100CC	Wedge Anchor Zinc ICC 1/2" X 10"	10"	1/2"	1/2"	2-1/3"	45 ft lbs	25	50
*WA58312CC	Wedge Anchor Zinc ICC 5/8" X 3-1/2"	3-1/2"	5/8"	5/8"	3-1/4"	75 ft lbs	20	80
WA58412CC	Wedge Anchor Zinc ICC 5/8" X 4-1/2"	4-1/2"	5/8"	5/8"	3-1/4"	75 ft lbs	20	80
WA58500CC	Wedge Anchor Zinc ICC 5/8" X 5"	5"	5/8"	5/8"	3-1/4"	75 ft lbs	20	80
WA58600CC	Wedge Anchor Zinc ICC 5/8" X 6"	6"	5/8"	5/8"	3-1/4"	75 ft lbs	20	40
WA58700CC	Wedge Anchor Zinc ICC 5/8" X 7"	7"	5/8"	5/8"	3-1/4"	75 ft lbs	20	40
WA58812CC	Wedge Anchor Zinc ICC 5/8" X 8-1/2"	8-1/2"	5/8"	5/8"	3-1/4"	75 ft lbs	20	40
*WA34414CC	Wedge Anchor Zinc ICC 3/4" X 4-1/4"	4-1/4"	3/4"	3/4"	3-3/4"	150 ft lbs	10	40
*WA34434CC	Wedge Anchor Zinc ICC 3/4" X 4-3/4"	4-3/4"	3/4"	3/4"	3-3/4"	150 ft lbs	10	40
WA34512CC	Wedge Anchor Zinc ICC 3/4" X 5-1/2"	5-1/2"	3/4"	3/4"	3-3/4"	150 ft lbs	10	40
WA34614CC	Wedge Anchor Zinc ICC 3/4" X 6-1/4"	6-1/4"	3/4"	3/4"	3-3/4"	150 ft lbs	10	40
WA34700CC	Wedge Anchor Zinc ICC 3/4" x 7"	7"	3/4"	3/4"	3-3/4"	150 ft lbs	10	40
WA34812CC	Wedge Anchor Zinc ICC 3/4" X 8-1/2"	8-1/2"	3/4"	3/4"	3-3/4"	150 ft lbs	10	20
WA34100CC	Wedge Anchor Zinc ICC 3/4" X 10"	10"	3/4"	3/4"	3-3/4"	150 ft lbs	10	20

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