

TO:

PROJECT:

PROJECT LOCATION:

SPECIFIED ITEM:

Section	Page	Paragraph	Description
---------	------	-----------	-------------

PRODUCT SUBMITTAL / SUBSTITUTION REQUESTED

Aerosmith[®] Sure-Con[®] Concrete Screws

The attached submittal package includes the product description, specifications, drawings, and performance data for use in the evaluation of the request.

SUBMITTED BY:

Name:

Signature:

Company:

Address:

Date:

Telephone:

Fax:

FOR USE BY THE ARCHITECT AND/OR ENGINEER

☐ Approved ☐ Approved as Noted ☐ Not Approved

(If not approved, please briefly explain why the product was not accepted.)

By:

Date:

Remarks:

Sure-Con® Concrete Screws

Home » Products » Medium to Light Duty Mechanical Anchors » Sure-Con® Concrete Screws



Miami Dade Approved NOA No. 21-0830.01 July 22, 2026
Tested in accordance with AC 193, AC 106, AC 233, AC 257 criteria

Sure-Con® Concrete Screws

Tested in accordance with AC 193, AC 106, AC 233, AC 257 criteria

Aerosmith®'s Sure-Con® Concrete Screws are designed to meet the demands of most medium to light duty applications. The screws are hardened and come with a blue environmental coating which allows them to be used in dry interior applications and some exterior applications. The product can be used in concrete, block and brick and manufactured with either a hex washer head or phillips head. Just pre-drill a hole using a proper size concrete drill bit and run anchor into pre-drill hole. Each box of screws contains one drill bit.

Applications:

- Metal door frames
 - Window installations
 - Shutters
 - Joint flashings
 - Electrical boxes
 - Light fixtures
 - Signage
- Electrical junction boxes
 - Conduit clips to masonry.
 - Wood headers/furring strips to masonry
 - HVAC straps to masonry
 - Plywood to masonry
 - Exterior insulation to masonry

Features and Benefits:

- Available in both slotted hex head and phillips flat head
- No hole spotting required
- Product cuts its own threads into masonry
- Coating reduces corrosion
- Can be used in light to medium duty applications

Base Material:

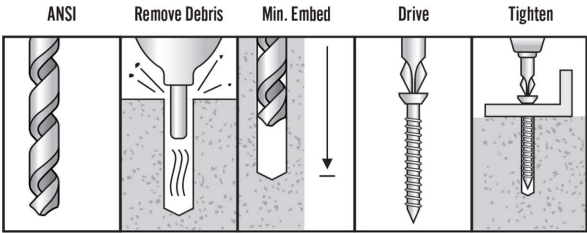
- Concrete
- Masonry

Head Styles:

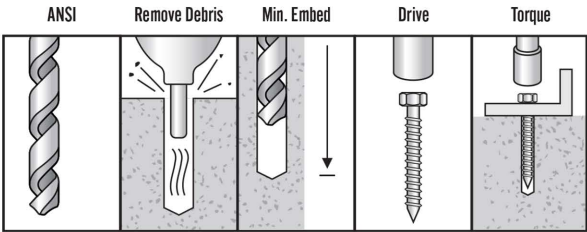
- Phillips
- Slotted hex head



Installation Instructions:



PHILLIPS HEAD



HEX HEAD

Anchor component materials:

Body- Heat treated Carbon Steel, Coating- Environmental (Blue)

Performance Data:

Download PDF

Aerosmith® Sure-Con® Concrete Screws

Part ID	Description	Overall Length	Diameter	Min. Embed	Drill Bit	Box Qty.	Carton Qty.
*TCH316114	Hex head 3/16" X 1-1/4"	1-1/4"	3/16"	1"	5/32"	100	500
*TCH316134	Hex head 3/16" X 1-3/4"	1-3/4"	3/16"	1"	5/32"	100	500
TCH316214	Hex head 3/16" X 2-1/4"	2-1/4"	3/16"	1"	5/32"	100	500
TCH316234	Hex head 3/16" X 2-3/4"	2-3/4"	3/16"	1"	5/32"	100	500
TCH316314	Hex head 3/16" X 3-1/4"	3-1/4"	3/16"	1"	5/32"	100	500
TCH316334	Hex head 3/16" X 3-3/4"	3-3/4"	3/16"	1"	5/32"	100	500
TCH316400	Hex head 3/16" X 4"	4"	3/16"	1"	5/32"	100	500
*TCH141140	Hex head 1/4" X 1-1/4"	1-1/4"	1/4"	1"	3/16"	100	500
TCH141340	Hex head 1/4" X 1-3/4"	1-3/4"	1/4"	1"	3/16"	100	500
TCH142140	Hex head 1/4" X 2-1/4"	2-1/4"	1/4"	1"	3/16"	100	500
TCH142340	Hex head 1/4" X 2-3/4"	2-3/4"	1/4"	1"	3/16"	100	500
TCH143140	Hex head 1/4" X 3-1/4"	3-1/4"	1/4"	1"	3/16"	100	500
TCH143340	Hex head 1/4" X 3-3/4"	3-3/4"	1/4"	1"	3/16"	100	500
TCH144000	Hex head 1/4" X 4"	4"	1/4"	1"	3/16"	100	500
*TCP316114	Phillips head 3/16" X 1-1/4"	1-1/4"	3/16"	1"	5/32"	100	500
*TCP316134	Phillips head 3/16" X 1-3/4"	1-3/4"	3/16"	1"	5/32"	100	500
TCP316214	Phillips head 3/16" X 2-1/4"	2-1/4"	3/16"	1"	5/32"	100	500
TCP316234	Phillips head 3/16" X 2-3/4"	2-3/4"	3/16"	1"	5/32"	100	500
TCP316314	Phillips head 3/16" X 3-1/4"	3-1/4"	3/16"	1"	5/32"	100	500
TCP316334	Phillips head 3/16" X 3-3/4"	3-3/4"	3/16"	1"	5/32"	100	500
TCP316400	Phillips head 3/16" X 4"	4"	3/16"	1"	5/32"	100	500
*TCP141140	Phillips head 1/4" X 1-1/4"	1-1/4"	1/4"	1"	3/16"	100	500
*TCP141340	Phillips head 1/4" X 1-3/4"	1-3/4"	1/4"	1"	3/16"	100	500
TCP142140	Phillips head 1/4" X 2-1/4"	2-1/4"	1/4"	1"	3/16"	100	500
TCP142340	Phillips head 1/4" X 2-3/4"	2-3/4"	1/4"	1"	3/16"	100	500
TCP143140	Phillips head 1/4" X 3-1/4"	3-1/4"	1/4"	1"	3/16"	100	500
TCP143340	Phillips head 1/4" X 3-3/4"	3-3/4"	1/4"	1"	3/16"	100	500
TCP144000	Phillips head 1/4" X 4"	4"	1/4"	1"	3/16"	100	500
TCP145000	Phillips head 1/4" X 5"	5"	1/4"	1"	3/16"	100	500
TCP146000	Phillips head 1/4" X 6"	6"	1/4"	1"	3/16"	100	500

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



Established over 50 years ago, Aerosmith® Fastening Systems continues to be a leader in developing hardened steel pins & specialty tools for today's unique application challenges, including plywood, Hardie, and track to steel and concrete applications. Our expertise has led to numerous patents for fasteners, as well as tools (nailers, nail guns, etc.).

Construction, Industrial/OEM, and Specialty users benefit from Aerosmith® systems by saving time, money, and manpower! Headquartered in Indianapolis, Indiana, Aerosmith® is able and positioned to serve both the United States and a Worldwide Market!

Contact Aerosmith® HQ

Address:

5621 Dividend Road
Indianapolis, Indiana 46241

Phone:

P: 844.373.2666
F: 914.817.0168

Follow: [f](#) [t](#) [i](#) [in](#)

[Disclaimer](#) | [Privacy Policy](#) | [Terms and Conditions](#)

