MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

HKN International, LLC dba Aerosmith Fastening Systems
5621 Dividend Road
Indianapolis, IN 46241

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Sure Bolt Screw Anchor

APPROVAL DOCUMENT: Drawing No. **MDSB**, titled "Sure Bolt Screw Anchor", Sheets 1 through 3 of 3, prepared by manufacturer, dated on 07/18/2025, signed and sealed by Jason R. Steen, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each box shall bear a permanent label with the manufacturer's name or logo, Ningbo City, Zhejiang Province, China and following statement: "Miami-Dade County Product Control Approved" or "MDCPCA", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**

MIAMI-DADE COUNTY APPROVED

10/09/25

NOA No: 25-0829.06
Expiration Date: July 25, 2029
Approval Date: October 16, 2025

HKN International, LLC dba Aerosmith Fastening Systems

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER NOA # 20-1103.16 AND NEW

A. DRAWINGS

1. Drawing No. **MDSB**, titled "Sure Bolt Screw Anchor", Sheets 1 through 3 of 3, prepared by manufacturer, dated on 07/18/2025, signed and sealed by Jason R. Steen, P.E.

B. TESTS *"Submitted under NOA # 20-1103.16"*

1. Test report on Corrosion Resistance of 3/8", 1/2" 5/8" and 3/4" TLE Anchors per ASTM G 85, Annex 5 and TAS 114, Appendix E, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-20-S428**, dated 10/01/2020, revised on 10/13/2020, signed and sealed by Rafael E. Droz-Seda, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

F. STATEMENTS

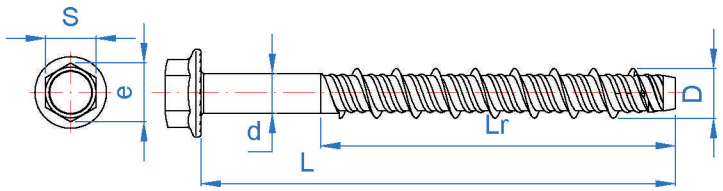
1. Private label agreement between Tecnicas Expansivas S.L. and HKN Int'l, LLC dba Aerosmith Fastening Systems. dated 09/03/2025, signed by Valentin Gomez, General Manager and Spencer Jessee, President, respectively.

2. Drawing No. MDTDLE00000 statement of code conformance to the 8th edition (2023) of the FBC, and of no financial interest, issued by the manufacturer, dated 07/15/2023, signed and sealed by Jason R. Steen, P.E.

3. Statement letter of code conformance to the 7th edition FBC (2020) and of no financial interest, issued by Hurricane Engineering & Testing Inc., dated on 10/13/2020, signed and sealed by Rafael E. Droz-Seda, P.E. ***"Submitted under NOA # 20-1103.16"***

4. Distribution agreement dated 01/08/2024 between Tecnicas Expansivas S.L. and Aerosmith Fastening Systems. signed by Valentin Gomez, General Manager and Spencer Jessee, President, respectively.

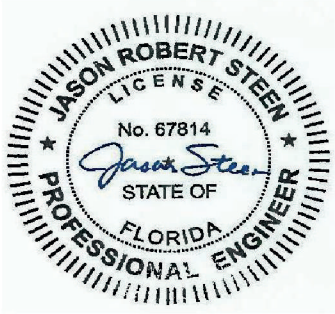
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No: 25-0829.06
Expiration Date: July 25, 2029
Approval Date: October 16, 2025



SURE BOLT	SURE BOLT EXTREME	D	d	L	Lr	S	e min	MARK
CB38134CC	CB38134CCA	0.469	3/8	1-3/4	1 - 3/4	9/16	0.614	3/8 x 1-3/4
CB38212CC	CB38212CCA			2-1/2	2 - 1/2			3/8 x 2-1/2
CB38300CC	CB38300CCA			3	2 - 1/2			3/8 x 3
CB38400CC	CB38400CCA			4	4			3/8 x 4
CB38500CC	CB38500CCA			5	4			3/8 x 5
CB38600CC	CB38600CCA			6	4			3/8 x 6
CB12200CC	CB12200CCA	0.598	1/2	2	1 - 5/8	3/4	0.820	1/2 x 2
CB12212CC	CB12212CCA			2-1/2	2-1/2			1/2 x 2-1/2
CB12300CC	CB12300CCA			3	3			1/2 x 3
CB12400CC	CB12400CCA			4	3			1/2 x 4
CB12500CC	CB12500CCA			5	5			1/2 x 5
CB12600CC	CB12600CCA			6	5			1/2 x 6
CB12800CC	CB12800CCA			8	5			1/2 x 8
CB58300CC	CB58300CCA	0.737	5/8	3	3	15/16	1.030	5/8 x 3
CB58400CC	CB58400CCA			4	4			5/8 x 4
CB58500CC	CB58500CCA			5	4			5/8 x 5
CB58600CC	CB58600CCA			6	6			5/8 x 6
CB58800CC	CB58800CCA			8	6			5/8 x 8
CB34400CC	CB34400CCA	0.862	3/4	4	4	1 1/8	1.230	3/4 x 4
CB34500CC	CB34500CCA			5	5			3/4 x 5
CB34600CC	CB34600CCA			6	5			3/4 x 6
CB34800CC	CB34800CCA			8	7			3/4 x 8
CB34100CC	CB34100CCA			10	7			3/4 x 10

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED & TESTED IN ACCORDANCE WITH THE STRUCTURAL PROVISIONS OF THE FLORIDA BUILDING CODE EIGHT EDITION (2023), FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE, AND THE FOLLOWING STANDARDS: ASTM E488, ASTM G85, AND TAS 144.
2. ANCHOR INSTALLATION SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER´S PUBLISHED INSTALLATION INSTRUCTIONS AND THIS NOTICE OF ACCEPTANCE.
3. CONCRETE SHALL CONFORM TO ACI 301: NORMAL WEIGHT CONCRETE HAVING A SPECIFIED COMPRESSIVE STRENGTH OF 2500 psi TO 8500 psi.
4. ANCHORS REPRESENTED HEREIN SHALL HAVE AN ATLANTIC EPOXY CORROSION RESISTANT COATING (SURE BOLT EXTREME) OR ZINC PLATED ACCORDING TO ASTM B633 TYPE SC1 CLASS III (SURE BOLT) IN COMPLIANCE WITH THE FLORIDA BUILDING CODE.
5. ANCHORS SHALL BE INSTALLED IN CRACKED OR UNCRACKED CONCRETE SUBSTRATES, AS DEFINED IN ACI 355.2.
6. ANCHOR SPACING AND EDGE DISTANCES BELOW THE MINIMUN ONES SHOWN IN INSTALLATION TABLES HEREIN ARE NOT ACCEPTABLE.
7. ALLOWABLE LOAD CAPACITIES TO SUBSTRATES THAT ARE NOT SHOWN IN THE DESING TABLES LISTED HEREIN ARE OUTSIDE THE SCOPE OF THIS CERTIFICATION AND SHALL BE DETERMINED BY A LICENSED PROFESIONAL ENGINEER.
8. ANCHOR VALUES LISTED HEREIN ARE DETERMINED THROUGH TESTING REPORT DATA AND CHECKED FOR CONSISTENCY WITH EACH TEST PERFORMED.
9. REFERENCE THE FOLLOWING TEST REPORTS:
   ELEMENT MATERIALS TECHNOLOGY:
   REPORT ESP025413P.2R1
   FENESTRATION TESTING LABORATORY INC:
   CERTIFICATE NUMBER 16-0425.08
   AUTH. No: FTL-18849
   PROJECT NUMBER: 18-8115
   LAB. NUMBER: 10291
   HURRICANE ENGINEERING & TESTING INC
   REPORT NO: HETI-20-S430



JASON R. STEEN
Florida PE License 67814

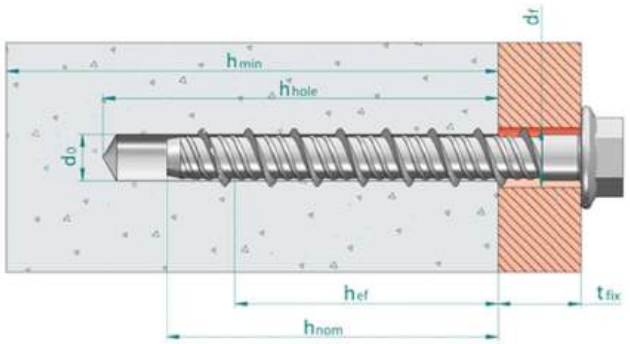
PRODUCT APPROVED
as complying with the Florida Building Code
NOA–No. 25–0829.06
Approval Date 10/16/2025
By
Miami–Dade Product Control

Rev	Date	Drawed	Approv.	Description
0	2025.07.18	D.VARAS	S. REIG	INITIAL EDITION

SURE BOLT SCREW ANCHOR

Page: 1/3
Revision: 0
Date: 2025.07.18
Manufacturer:
AEROSMITH FASTENING SYSTEMS
5621 Dividend Road
Indianapolis,
INDIANA 46241
Drawing No: MDSB00000

INSTALLED CONDITION



ANCHOR INSTALLATION INFORMATION

Characteristic	Symbol	Unit	Nominal Anchor Diameter							
			3/8"		1/2"		5/8"		3/4"	
Drill Bit Diameter	d_o	in (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)
Nominal Embedment Depth	h_{nom}	in (mm)	2 1/2 (64)	3 1/4 (83)	3 (76)	4 1/4 (108)	3 1/4 (83)	5 (127)	4 (102)	6 1/4 (159)
Effective Embedment Depth	h_{ef}	in (mm)	1.85 (47)	2.49 (63)	2.21 (56)	3.27 (83)	2.36 (60)	3.85 (98)	2.97 (75)	4.89 (124)
Minimum Hole Depth	h_{hole}	in (mm)	2 3/4 (70)	3 1/2 (89)	3 3/8 (86)	4 5/8 (117)	3 5/8 (92)	5 3/8 (137)	4 3/8 (111)	6 5/8 (168)
Fixture Hole Diameter	d_f	in (mm)	1/2 (12.7)		5/8 (15.9)		3/4 (19.1)		7/8 (22.2)	
Maximum Installation Torque	$T_{inst,max}$	ft lb (Nm)	35 (47)	50 (68)	45 (61)	65 (88)	85 (115)	100 (136)	115 (156)	150 (203)
Maximum impact wrench torque rating	$T_{impact,max}$	ft lb (Nm)	380 (515)	380 (515)	380 (515)	380 (515)	380 (515)	380 (515)	380 (515)	380 (515)
Minimum Concrete Thickness	h_{min}	in (mm)	4 (102)	4 3/4 (121)	4 3/4 (121)	6 3/4 (171)	5 (127)	7 (178)	6 (152)	8 1/8 (206)
Critical Edge Distance	c_{ac}	in (mm)	4 (102)	5 (127)	4 1/2 (114)	5 (127)	3 3/4 (95)	7 (178)	4 1/2 (114)	8 (203)
Minimum Edge Distance (c_{min})	c_{min}	in (mm)	1 1/2 (38)	1 1/2 (38)	1 3/4 (44)	1 3/4 (44)	1 3/4 (44)	1 3/4 (44)	1 3/4 (44)	1 3/4 (44)
Minimum Spacing (s_{min})	s_{min}	in (mm)	3 (76)	3 (76)	3 (76)	3 (76)	4 (102)	4 (102)	4 (102)	4 (102)
Minimum Overall Anchor Length	l_{anch}	in (mm)	2 3/4 (70)	3 1/2 (89)	3 1/4 (82)	4 1/2 (114)	3 1/2 (89)	5 1/4 (133)	4 1/2 (108)	6 1/2 (165)
Torque Wrench Socket Size	-	in	9/16		3/4		15/16		1 1/8	
Maximum Fixture Thickness[2]	t_{fix}	in (mm)	L – 2 1/2 (L-64)	L-3 1/4 (L-83)	L-3 (L-76)	L-4 1/4 (L-108)	L-3 1/4 (L-83)	L-5 (L-127)	L-4 (L-102)	L-6 1/4 (L-159)

1. The tabulated data is to be used in conjunction with the design criteria given in ACI 318-14 Chapter 17 or ACI 318-11 Appendix D, as applicable.
2. L = total anchor length

JASON ROBERT STEEN LICENSE No. 67814 STATE OF FLORIDA PROFESSIONAL ENGINEER

JASON R. STEEN
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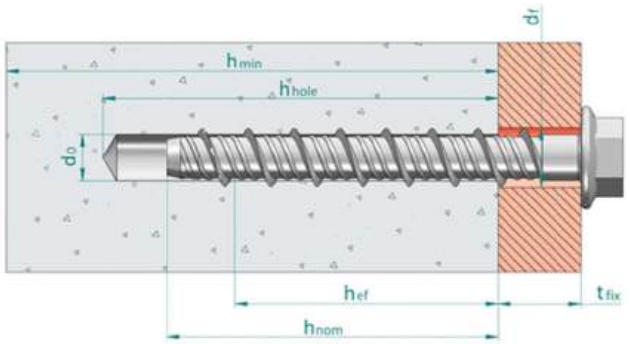
PRODUCT APPROVED
as complying with the Florida Building Code
NOA–No. 25–0829.06
Approval Date 10/16/2025
By
Miami–Dade Product Control

SURE BOLT SCREW ANCHOR	DRAWING NO. MDSB00000	PAGE: 2/3	REVISION: 2

INSTALLED CONDITION



ANCHOR DESIGN INFORMATION

Characteristic	Symbol	Unit	Nominal Anchor Diameter							
			3/8"		1/2"		5/8"		3/4"	
Nominal Embedment Depth	h_{nom}	in	2 1/2	3 1/4	3	4 1/4	3 1/4	5	4	6 1/4
Anchor Category	1, 2 or 3	-	1							
Steel Strength in Tension and Shear										
Minimum specified ultimate strength	f_{uta}	psi	111,000		107,000		102,000		99,000	
Minimum specified yield strength	f_y	Psi	88,800		85,600		81,600		79,200	
Effective stress area (screw anchor body)	A_{se}	in²	0.0943		0.1768		0.2703		0.3988	
Steel Strength in Tension	N_{sa}	lb	10,465		18,920		27,570		39,480	
Strength Reduction Factor for Steel Failure in Tension	ϕ_{sa}	-	0.75							
Steel Strength in Shear	V_{sa}	lb	4,815	4,850	7,270	9,370	10,300	12,735	14,240	14,240
Steel Strength in Shear, Seismic	$V_{sa,eq}$	lb	4,075	4,075	5,075	7,140	8,030	10,300	12,105	12,105
Strength Reduction Factor for Steel Failure in Shear	ϕ_{sa}	-	0.65							
Pullout Strength in Tension[3]										
Pullout Strength in Uncracked Concrete	$N_{p,uncr}$	lb	-	-	-	-	-	-	-	-
Pullout Strength in Cracked Concrete	$N_{p,cr}$	lb	-	-	3,225	-	-	-	-	-
Pullout Strength in Cracked Concrete, Seismic	$N_{p,eq}$	lb	-	-	3,225	-	-	-	-	-
Normalization Exponent, Uncracked Concrete	n	-	-	-	0.50	-	-	-	-	-
Normalization Exponent, Cracked Concrete	n	-	-	-	0.35	-	-	-	-	-
Strength Reduction Factor for Pullout Strength in Tension	ϕ_p	-	0.65							
Concrete Breakout Strength in Tension										
Effective embedment	h_{ef}	in	1.85	2.49	2.21	3.27	2.36	3.85	2.97	4.89
Effectiveness Factor for Uncracked Concrete	k_{uncr}	-	27			24				
Effectiveness Factor for Cracked Concrete	k_{cr}	-	17		21	17				
Strength Reduction Factor for Concrete Breakout Strength in Tension	ϕ_{cb}	-	0.65							
Axial stiffness in service load range in uncracked concrete	β_{uncr}	lb/in	63,150	207,850	139,250	140,060	222,870	254,980	292,630	305,530
Axial stiffness in service load range in cracked concrete	β_{cr}	lb/in	63,150	174,020	130,385	140,060	105,130	192,280	160,050	165,525
Concrete Breakout Strength in Shear										
Nominal Diameter	d_o[2]	in	3/8	3/8	1/2	1/2	5/8	5/8	3/4	3/4
Load Bearing Length of Anchor	l_e	in	1.85	2.49	2.21	3.27	2.36	3.85	2.97	4.89
Reduction Factor for Concrete Breakout Strength in Shear	ϕ_{cb}	-	0.70							
Concrete Pryout Strength in Shear										
Coefficient for Pryout Strength	k_{cp}	-	1.0			2.0	1.0	2.0		
Reduction Factor for Pryout Strength in Shear	ϕ_{cp}	-	0.70							

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SURE BOLT SCREW ANCHOR	DRAWING NO. MDSB00000	PAGE: 3/3	REVISION: 2