



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

## NOTICE OF ACCEPTANCE (NOA)

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](http://www.miamidade.gov/economy)

**Construction Anchors Co., Ltd.**  
**9F No. 21 Sec. 3 Xincheng S. Road**  
**Taipei City, Taiwan 00001**

### 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: TAP Screw Anchor for Concrete and Masonry

**APPROVAL DOCUMENT:** Drawing No. **TAP-MD-21-0304\_01**, titled "TAP Universal Screw Anchors for Concrete and Masonry", sheets 1 and 2 of 2, prepared by manufacturer, dated on 06/27/2025, signed and sealed by Alejandro Contreras, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration 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, Kaohsiung, Taiwan, R.O.C. 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 **revises** **NOA # 21-0304.01** 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.**



07/23/25

**NOA No: 25-0708.03**  
**Expiration Date: July 22, 2026**  
**Approval Date: July 31, 2025**

Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under NOA # 21-0304.01 and new**

**A. DRAWINGS**

1. Drawing No. **TAP-MD-21-0304\_01**, titled "TAP Universal Screw Anchors for Concrete and Masonry", sheets 1 and 2 of 2, prepared by manufacturer, dated on 06/27/2025, signed and sealed by Alejandro Contreras, P.E.

**B. TESTS**

1. Test report supplement on Tensile Strength of 3/16" and 1/4" Diameter TAP Universal Screw Anchors per AISI S903, prepared by Applied Testing & Geosciences, LLC, Test Report No. **12432**, dated 06/07/2021, signed and sealed by Craig Joss, PhD, P.E.
2. Test report on Tension and Shear allowable capacities of 3/16" and 1/4" Diameter TAP Universal Screw Anchors per AC193, AC106, ASTM A370 and ASTM E 488, prepared by Applied Testing & Geosciences, LLC, Test Report No. **12432**, dated 01/21/2021, signed and sealed by Craig Joss, PhD, P.E.
3. Test report on Corrosion Resistance of SealProT and SealProACQ Screw Anchors per ASTM G 85, Annex 5 and TAS 114-95, Appendix E, prepared by Element Materials Technology, Test Report No. **ESP032962P.1R2**, dated 05/27/2021, signed by Jason R. Steen, P.E.

**C. CALCULATIONS**

1. Screw anchors tensile strength calculations issued by Construction Anchors Co., LTD., dated 05/22/2021, signed and sealed by Alejandro Contreras, P.E.
2. Anchors allowable capacities calculations issued by Alejandro Contreras, P.E., dated 02/24/2021, signed and sealed by Alejandro Contreras, P.E.

**D. MATERIAL CERTIFICATIONS**

1. None.

**E. QUALITY ASSURANCE**

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

**F. STATEMENTS**

1. Statement letter of code conformance to the 8<sup>th</sup> edition (2023) of the FBC, issued by Alejandro Contreras, P.E., dated 06/27/2025, signed and sealed by Alejandro Contreras, P.E.
2. Drawing statement of code conformance to the 7<sup>th</sup> edition (2020) of the FBC issued by Alejandro Contreras, P.E., dated 05/24/2021, signed and sealed by Alejandro Contreras, P.E.
3. Statement letter of no financial interest issued by Alejandro Contreras, P.E., dated 12/20/2020, signed and sealed by Alejandro Contreras, P.E.
4. Distributor agreement dated 08/11/2020.



---

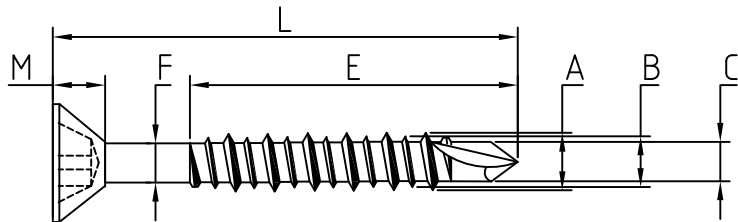
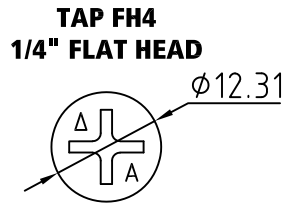
**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No: 25-0708.03**  
**Expiration Date: July 22, 2026**  
**Approval Date: July 31, 2025**

# CONSTRUCTION ANCHORS CO., LTD.

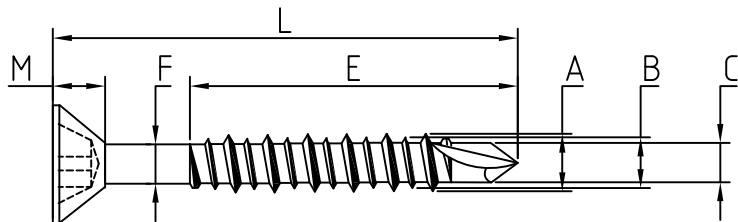
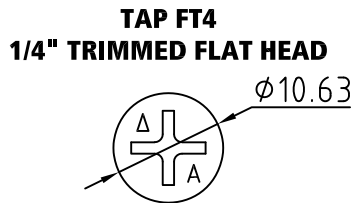
## TAP UNIVERSAL SCREW ANCHORS

for CONCRETE and MASONRY  
with SealProT or SealProACQ Coating

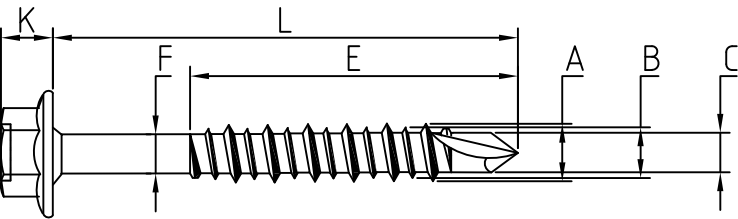
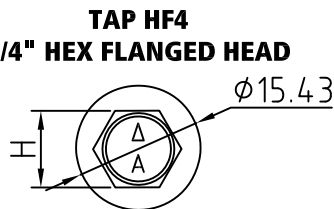
| ITEM NO.    | L     | E     | MARK |
|-------------|-------|-------|------|
| TAP FH4 175 | 1 3/4 | 1 1/2 | A    |
| TAP FH4 225 | 2 1/4 | 1 7/8 | B    |
| TAP FH4 275 | 2 3/4 | 2 1/4 | C    |
| TAP FH4 325 | 3 1/4 | 2 1/4 | D    |
| TAP FH4 375 | 3 3/4 | 2 1/4 | E    |
| TAP FH4 400 | 4     | 2 1/4 | F    |
| TAP FH4 500 | 5     | 2 1/4 | H    |
| TAP FH4 600 | 6     | 2 1/4 | J    |



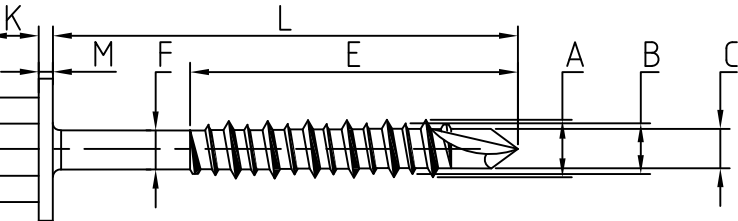
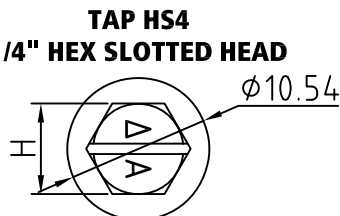
|             |       |       |   |
|-------------|-------|-------|---|
| TAP FT4 175 | 1 3/4 | 1 1/2 | A |
| TAP FT4 225 | 2 1/4 | 1 7/8 | B |
| TAP FT4 275 | 2 3/4 | 2 1/4 | C |
| TAP FT4 325 | 3 1/4 | 2 1/4 | D |
| TAP FT4 375 | 3 3/4 | 2 1/4 | E |
| TAP FT4 400 | 4     | 2 1/4 | F |
| TAP FT4 500 | 5     | 2 1/4 | H |
| TAP FT4 600 | 6     | 2 1/4 | J |



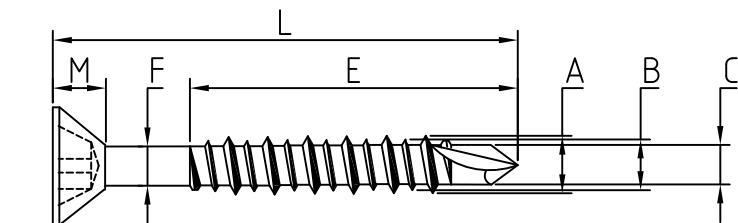
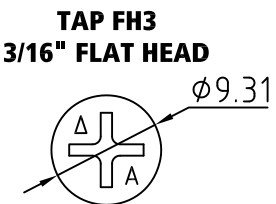
|             |       |       |   |
|-------------|-------|-------|---|
| TAP HF4 175 | 1 3/4 | 1 5/8 | A |
| TAP HF4 225 | 2 1/4 | 1 7/8 | B |
| TAP HF4 275 | 2 3/4 | 2 1/4 | C |
| TAP HF4 325 | 3 1/4 | 2 1/4 | D |
| TAP HF4 375 | 3 3/4 | 2 1/4 | E |
| TAP HF4 400 | 4     | 2 1/4 | F |
| TAP HF4 500 | 5     | 2 1/4 | H |
| TAP HF4 600 | 6     | 2 1/4 | J |



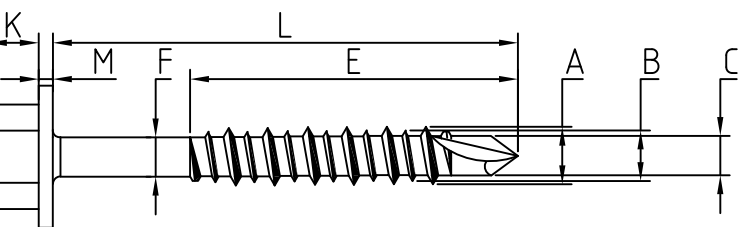
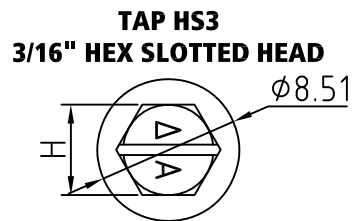
|             |       |       |   |
|-------------|-------|-------|---|
| TAP HS4 175 | 1 3/4 | 1 5/8 | A |
| TAP HS4 225 | 2 1/4 | 1 7/8 | B |
| TAP HS4 275 | 2 3/4 | 2 1/4 | C |
| TAP HS4 325 | 3 1/4 | 2 1/4 | D |
| TAP HS4 375 | 3 3/4 | 2 1/4 | E |
| TAP HS4 400 | 4     | 2 1/4 | F |
| TAP HS4 500 | 5     | 2 1/4 | H |
| TAP HS4 600 | 6     | 2 1/4 | J |



| ITEM NO.    | L     | E     | MARK |
|-------------|-------|-------|------|
| TAP FH3 175 | 1 3/4 | 1 1/2 | A    |
| TAP FH3 225 | 2 1/4 | 1 7/8 | B    |
| TAP FH3 275 | 2 3/4 | 2 1/4 | C    |
| TAP FH3 325 | 3 1/4 | 2 1/4 | D    |
| TAP FH3 375 | 3 3/4 | 2 1/4 | E    |
| TAP FH3 400 | 4     | 2 1/4 | F    |



|             |       |       |   |
|-------------|-------|-------|---|
| TAP HS3 175 | 1 3/4 | 1 5/8 | A |
| TAP HS3 225 | 2 1/4 | 1 7/8 | B |
| TAP HS3 275 | 2 3/4 | 2 1/4 | C |
| TAP HS3 325 | 3 1/4 | 2 1/4 | D |
| TAP HS3 375 | 3 3/4 | 2 1/4 | E |
| TAP HS3 400 | 4     | 2 1/4 | F |



### COMPLIANCE SUMMARY

CODE: 2023 FBC COMPLIANT

HVHZ: HVHZ COMPLIANT

CORROSION RESISTANT:

ASTM G 85, ANNEX 5,

140 CYCLES

(TAS 114, APPENDIX E)

MATERIALS: SAE 1022 OR EQUIVALENT

SCREW STRENGTH: TAP3 fut 145,000 psi

fy 116,000 psi

TAP4 fut 165,000 psi

fy 132,000 psi

COATING:

SealProT/SealProACQ

COLOR:

BLUE, WHITE, BRONZE

OR SILVER

MFG ID:

Δ (DELTA)

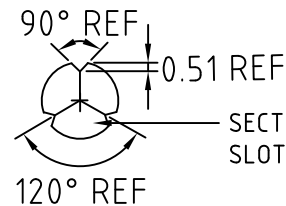
**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. 25-0708.03

Expiration Date 07/22/2026

By   
Miami-Dade Product Control

### SLOTTED HI THREAD



SECTION OF HI THREAD  
SLOT FOR HI THREAD ONLY

### DIMENSIONS - TAP

| mm | FH4         | FT4         | HF4  | HS4  | FH3         | HS3  |
|----|-------------|-------------|------|------|-------------|------|
| A  | 6.35        | 6.35        | 6.35 | 6.35 | 5.34        | 5.34 |
| B  | 4.96        | 4.96        | 4.96 | 4.96 | 4.08        | 4.08 |
| C  | 4.32        | 4.32        | 4.32 | 4.32 | 3.20        | 3.20 |
| F  | 4.74        | 4.74        | 4.74 | 4.74 | 3.71        | 3.71 |
| M  | 5.74<br>MAX | 4.80<br>MAX | /    | 0.86 | 4.67<br>MAX | 0.72 |
| H  | /           | /           | 7.84 | 7.81 | /           | 6.25 |
| K  | /           | /           | 5.97 | 3.81 | /           | 2.62 |

CONSTRUCTION  
ANCHORS CO., LTD.

9F 21 Sec.3 Xinsheng S. Rd.  
Taipei, Taiwan

**TAP Universal**  
**Screw Anchors**  
for Concrete and Masonry

### REVISIONS

| REV | DATE        | BY |
|-----|-------------|----|
| 1   | 28 JUL 2021 | SL |

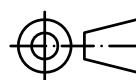
ADDED ITEM NO.  
TAP FH4 500, TAP FH4 600  
TAP HF4 500, TAP HF4 600

| REV | DATE        | BY |
|-----|-------------|----|
| 2   | 27 JUN 2025 | SL |

CODE UPDATE TO 2023 FBC



THIRD ANGLE  
PROJECTION



PREPARED BY

SIMON LAW

SCALE

-

SHEET

1/2

| REV | DATE        |
|-----|-------------|
| 2   | 27 JUN 2025 |

DWG NO TAP-MD-21-0304\_01

CONSTRUCTION ANCHORS CO., LTD.

TAP UNIVERSAL SCREW ANCHORS

for CONCRETE and MASONRY  
with SealProT or SealProACQ Coating

| CONCRETE (f'c = 3,270 psi) SUBSTRATE |                   |                 |                       |         |       |
|--------------------------------------|-------------------|-----------------|-----------------------|---------|-------|
| ALLOWABLE CAPACITIES PER ANCHOR      |                   |                 |                       |         |       |
| ANCHOR DIAMETER                      | MINIMUM EMBEDMENT | MINIMUM SPACING | MINIMUM EDGE DISTANCE | TENSION | SHEAR |
|                                      | INS.              | INS.            | INS.                  | LBS.    | LBS.  |
| 3/16                                 | 1 3/4             | 1               | 1 1/4                 | 396     | 159   |
|                                      | 2                 | 1               | 1 1/4                 | 448     |       |
| 1/4                                  | 1 3/4             | 1 1/4           | 1 1/4                 | 534     | 348   |
|                                      | 2                 | 1 1/4           | 1 1/4                 | 701     |       |

| MASONRY SUBSTRATE - GROUT FILLED (1,500 psi) |            |                   |                 |                       |                      |         |       |
|----------------------------------------------|------------|-------------------|-----------------|-----------------------|----------------------|---------|-------|
| ALLOWABLE CAPACITIES PER ANCHOR              |            |                   |                 |                       |                      |         |       |
| ANCHOR DIAMETER                              | LOCATION   | MINIMUM EMBEDMENT | MINIMUM SPACING | MINIMUM EDGE DISTANCE | MINIMUM END DISTANCE | TENSION | SHEAR |
|                                              |            | INS.              | INS.            | INS.                  | INS.                 | LBS.    | LBS.  |
| 3/16                                         | TOP GROUT  | 1 1/2             | 3               | 3                     | 3                    | 180     | 136   |
|                                              |            | 1 1/2             | 3               | 1 1/2                 | 3                    | 156     | 116   |
|                                              | FACE SHELL | 1 1/2             | 3               | 3                     | 3                    | 104     | 127   |
|                                              | FACE WEB   | 1 1/2             | 3               | 3                     | 3                    | 123     | 133   |
| 1/4                                          | TOP GROUT  | 1 1/2             | 4               | 4                     | 4                    | 280     | 228   |
|                                              |            | 1 1/2             | 4               | 1 1/2                 | 4                    | 218     | 235   |
|                                              | FACE SHELL | 1 1/2             | 4               | 4                     | 4                    | 164     | 320   |
|                                              | FACE WEB   | 1 1/2             | 4               | 4                     | 4                    | 187     | 273   |

NOTES

1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATION;
2. ANCHOR EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK AND OTHER WALL FINISHES;
3. ALLOWABLE DESIGN LOAD CAPACITIES ARE BASED ON ULTIMATE LOAD DIVIDED BY SAFETY FACTOR AS FOLLOWS:
4. CONCRETE: 4  
MASONRY: 5
5. SUBSTRATES SHALL CONFORM TO:  
CONCRETE: ACI 318  
MASONRY: ASTM C-90
6. ANCHORS SHALL NOT BE INSTALLED INTO CRACKED CONCRETE AS DEFINED IN ACI 355.2
7. THIS PRODUCT EVALUATION DOCUMENT IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED PROFESSIONAL ENGINEER OR RERISTERED ARCHITECT SHALL PREPARE SITE-SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THE APPROVAL AND APPLY FOR MIAMI-DADE COUNTY PRODUCT CONTROL ONE-TIME NOTICE OF ACCEPTANCE.
8. PILOT HOLE:

SIZE

TAP 3/16"

TAP 1/4"

BIT SIZE

5/32" TYP

3/16" TYP

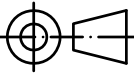
HOLE DEPTH

EMBEDMENT+1/4"

EMBEDMENT+1/4"

PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 25-0708.03  
Expiration Date 07/22/2026  
By   
Miami-Dade Product Control



|                                                                                                                         |                  |
|-------------------------------------------------------------------------------------------------------------------------|------------------|
| <div>THIRD ANGLE PROJECTION</div>  | PREPARED BY      |
|                                                                                                                         | SIMON LAW        |
|                                                                                                                         | SCALE -          |
| SHEET 2/2                                                                                                               |                  |
| REV 2                                                                                                                   | DATE 27 JUN 2025 |
| DWG NO TAP-MD-21-0304_01                                                                                                |                  |