



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

Florida Fasteners Direct, LLC
1435 Rail Head Boulevard
Naples, FL 34110

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: Blue Tap Screw Anchors

APPROVAL DOCUMENT: Drawing No. **20-260**, titled "Blue Tap Screw Anchors", sheets 1 through 4 of 4, dated 08/24/2020, prepared by Tilteco, Inc, signed and sealed by Walter A. Tillit Jr., 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/container of the smallest quantity shall bear a label with the manufacturer's name or logo, city, state, model/series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted.

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 # 19-0829.09** and consists of this page 1, evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



NOA No: 20-0922.12
Expiration Date: October 7, 2024
Approval Date: November 25, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA's

A. DRAWINGS

1. Drawing No. **15-118**, titled "Blue Tap Screw Anchors", sheets 1 through 4 of 4, dated 05/01/2015, prepared by Tilteco, Inc, signed and sealed by Walter A. Tillit Jr., P.E.

B. TESTS "Submitted under NOA # 13-0521.10"

	<u>Test Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	HETI-12-A580	ASTM E488-10	01/03/13	Rafael E. Droz-Seda, P.E.
2.	HETI-13-A1000	ASTM E488-10	02/08/13	Rafael E. Droz-Seda, P.E.
3.	HETI-12-A592	ASTM E488-10	01/03/13	Rafael E. Droz-Seda, P.E.
4.	HETI-13-T300	ASTM F606-11a	01/09/13	Rafael E. Droz-Seda, P.E.
5.	HETI-12-C110	ASTM C39-12	12/13/12	Rafael E. Droz-Seda, P.E.
6.	HETI-12-C111	ASTM C39-12	12/13/12	Rafael E. Droz-Seda, P.E.
7.	HETI-12-C113	ASTM C39-12	01/09/13	Rafael E. Droz-Seda, P.E.
8.	HETI-13-C305	ASTM C39-12	02/08/13	Rafael E. Droz-Seda, P.E.

"Submitted under NOA # 11-0316.07"

9.	HETI-11-A500	ASTM E488-96	01/13/11	Candido F. Font, P.E.
10.	HETI-10-A630	ASTM E488-96	01/13/11	Candido F. Font, P.E.
11.	HETI-10-A634	ASTM E488-96	01/13/11	Candido F. Font, P.E.
12.	HETI-10-C100B	ASTM C39-09a	10/20/10	Candido F. Font, P.E.
13.	HETI-10-A640	ASTM D1761-06	01/13/11	Candido F. Font, P.E.
14.	HETI-10-A638	ASTM D1761-06	01/13/11	Candido F. Font, P.E.
15.	HETI-11-T106	ASTM F606-10a	02/25/11	Candido F. Font, P.E.

"Submitted under NOA # 10-0104.02"

16. Test report on Tension and Shear Capacity per ASTM E 488 and Corrosion Resistance per ASTM G 85 Annex 5 and TAS 114 Appendix E of 3/16" and 1/4" Carbon Steel and 410 Stainless Steel Anchors, prepared by Stork Twin City Testing Corporation, Test Report No. **3299445.1**, dated 03/25/2009, signed and sealed by Thomas A. Kolden, P.E.

C. CALCULATIONS "Submitted under NOA # 13-0521.10"

1. Anchors allowable loads prepared by Tilteco, Inc, dated 05/13/2013, signed and sealed by Walter A. Tillit Jr., P.E.

"Submitted under NOA # 11-0316.07"

2. Anchors allowable loads prepared by Tilteco, Inc, dated 01/28/2011, signed and sealed by Walter A. Tillit Jr., P.E.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 20-0922.12
Expiration Date: October 7, 2024
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Tilteco, Inc, dated 05/01/2015, signed and sealed by Walter A. Tillit Jr., P.E.

“Submitted under NOA # 13-0521.10”

2. Statement letter of no financial interest issued by Tilteco, Inc, dated 03/19/2013, signed and sealed by Walter A. Tillit Jr., P.E.
3. Distributor agreements dated 09/17/2012 and 04/11/2013.
4. Articles of organization dated 08/15/2012.

2. Evidence submitted under NOA # 19-0829.09

A. DRAWINGS

1. Drawing No. **17-242**, titled “Blue Tap Screw Anchors”, sheets 1 through 4 of 4, dated 08/23/2017, prepared by Tilteco, Inc, signed and sealed by Walter A. Tillit Jr., P.E.

B. TESTS

1. None.

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. Statement letter of code conformance to the 6th edition (2017) FBC issued by Tilteco, Inc, dated 08/21/2019, signed and sealed by Walter A. Tillit Jr., P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 20-0922.12
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

1. Drawing No. **20-260**, titled “Blue Tap Screw Anchors”, sheets 1 through 4 of 4, dated 08/24/2020, prepared by Tilteco, Inc, signed and sealed by Walter A. Tillit Jr., P.E.

B. TESTS

1. None.

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. Statement letter of code conformance to the 7th edition (2020) FBC issued by Tilteco, Inc, dated 08/24/2020, signed and sealed by Walter A. Tillit Jr., P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
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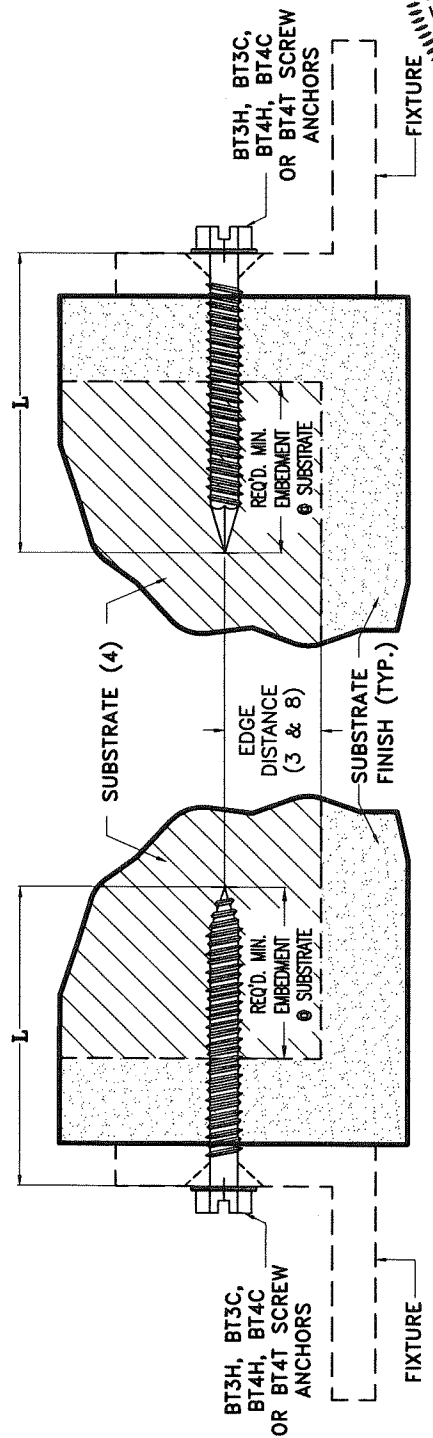
ALLOWABLE LOAD FOR BLUE TAP COATED CARBON STEEL SCREW ANCHOR (3), (6) FOR A GIVEN SUBSTRATE (4)

VALUES ARE VALID FOR ALL MODEL NUMBERS & PREFIXES INDICATED ON SHEETS 3 & 4.

ANCHOR TYPE	EMBEDMENT	E.D.	CONCRETE (f'c=2000 psi Min.)		CONCRETE (f'c=2447 psi Min.)		CONCRETE (f'c=2883 psi Min.)		CONCRETE (f'c=4295 psi Min.)		HOLLOW BLOCK (f'c=1974 psi Min.)		WOOD (G=0.46 Min.)		WOOD (G=0.36 Min.)			
			TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
BT3H BT3C	1"	2 1/4"	125	291	-	-	-	-	-	-	-	-	-	-	-	-	-	
			187	291	-	-	-	-	102	207	-	-	-	-	-	-	-	
			228	386	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT4H BT4C BT4T	1 1/4"	2 1/2"	170	263	-	-	-	-	-	-	-	-	-	-	-	-	-	
			-	-	-	-	-	-	134	118	-	-	-	-	-	-	-	
			214	263	-	-	-	-	140	258	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	158	304	-	-	-	-	-	-	-	-
BT4H BT4C BT4T	1 1/2"	2 1/2"	-	-	-	-	-	-	-	-	-	-	-	257	-	157	-	
			-	-	-	-	-	-	-	-	-	-	-	257	199	157	133	
			317	436	-	-	-	-	-	-	-	-	-	257	199	157	133	
BT4H BT4C BT4T	2.08"	2 1/2"	-	-	284	90	284	90	461	148	-	-	-	-	-	-	-	
			-	-	292	249	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	366	351	409	371	538	453	-	-	-	-	-	-	-	-

SYMBOLGY
- : DO NOT USE

* SEE GENERAL NOTE 9



DETAIL 1

DETAIL 1 (SIM.)

WALTER A. TILLI

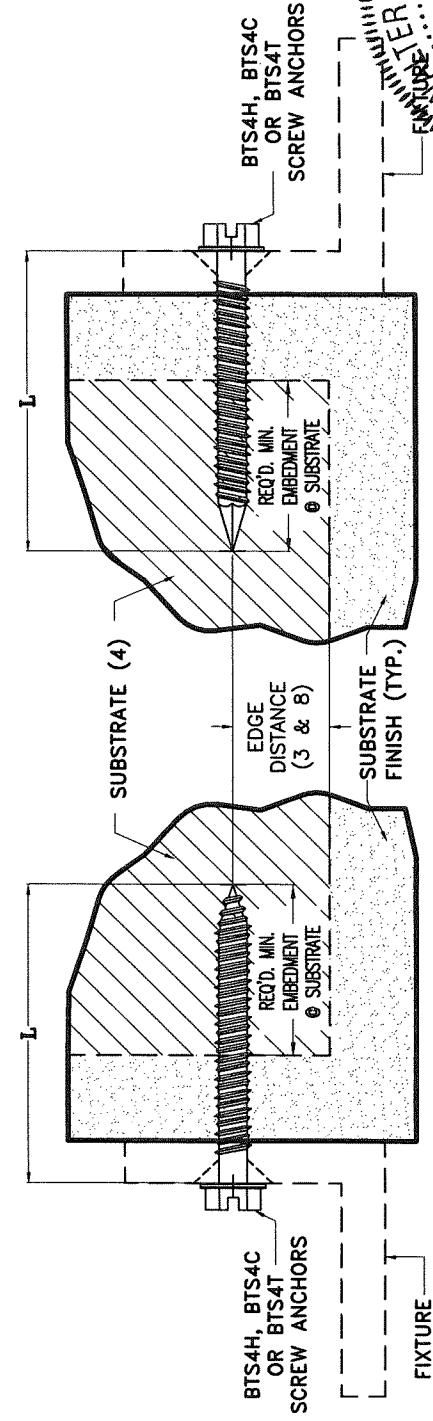
**ALLOWABLE LOAD FOR BLUE TAP COATED STAINLESS STEEL SCREW ANCHOR
(3), (6) FOR A GIVEN SUBSTRATE (4)**

VALUES ARE VALID FOR ALL MODEL NUMBERS & PREFIXES INDICATED ON SHEET 4.

ANCHOR TYPE	EMBEDMENT	E.D.	C.C.	CONCRETE (f'c=2170 psi Min.)		CONCRETE (f'c=2890 psi Min.)		CONCRETE (f'c=4900 psi Min.)		GROUTED CONC. BLOCK (f'c=2000 psi Min.)	
				TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
BTS4H	1 1/4"	2"	2 1/2"	-	-	-	-	-	-	122	-
			5"	-	-	-	-	-	-	-	206
	2"	2 1/2"	2 1/2"	-	-	-	-	-	-	-	-
			5"	-	-	-	-	-	-	-	-
BTS4C	2"	3 3/4"	2 1/2"	-	-	-	-	-	-	125	-
			5"	-	-	-	-	-	-	-	294
	2"	2 1/2"	4"	-	-	-	-	-	-	286	274
			-	-	-	-	-	-	-	-	-
BTS4T	2.08"	1"	3"	340	133	425	146	469	159	-	-
			3"	-	-	-	-	-	-	-	-
	2"	2 1/2"	3"	357	419	533	494	640	508	-	-
			3"	-	-	-	-	-	-	-	-

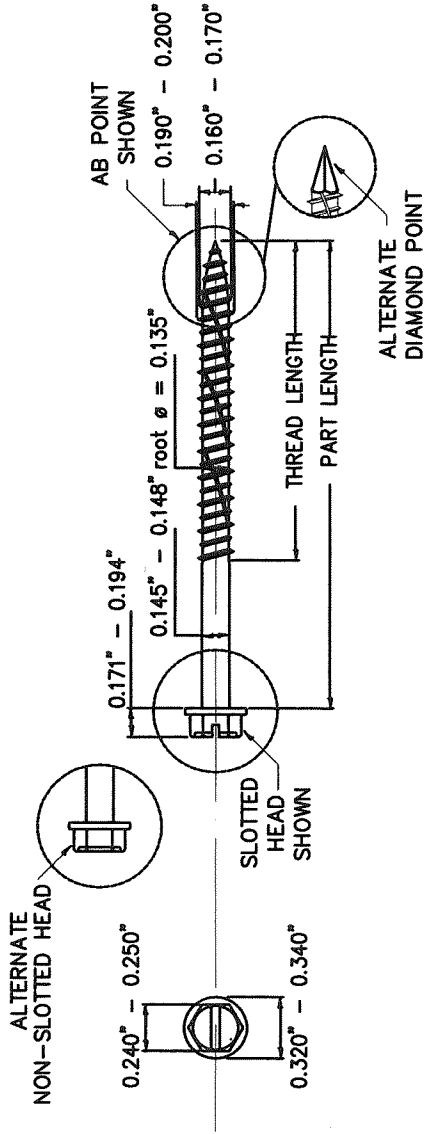
SYMBOLGY
- : DO NOT USE

* SEE GENERAL NOTE B

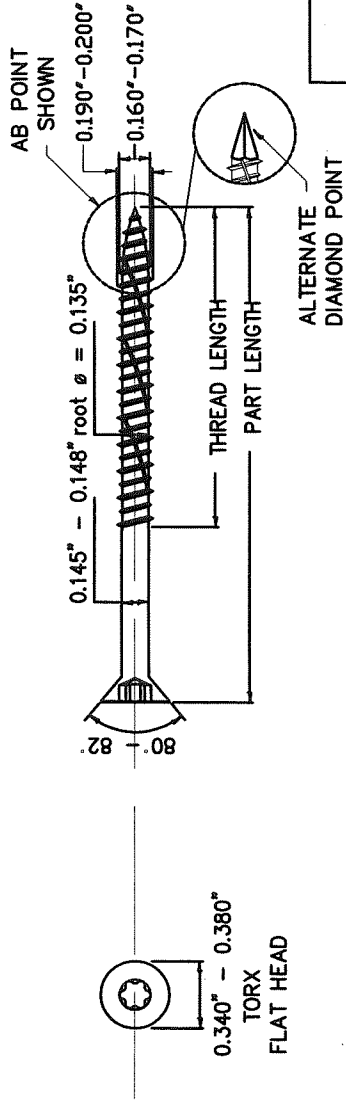


LETTER A. TILLIT

3/16 (in) DIAMETER HEX HEAD CONCRETE SCREW ANCHOR



3/16 (in) DIAMETER FLAT HEAD CONCRETE SCREW ANCHOR



MODEL	NOMINAL LENGTH	PAR
32	1-1/4	
45	1-3/4	
57	2-1/4	
65	2-1/2	
70	2-3/4	
82	3-1/4	
95	3-3/4	
100	4	
125	5	

MODEL	HE
BT3H=3/16" CARBON	CARBON STEEL SQUARE DRIVE FLAT HEAD
BT3C=3/16" CARBON	CARBON STEEL TORX FLAT HEAD
Example: BT3H32	
BLUE-TAP CARBON	

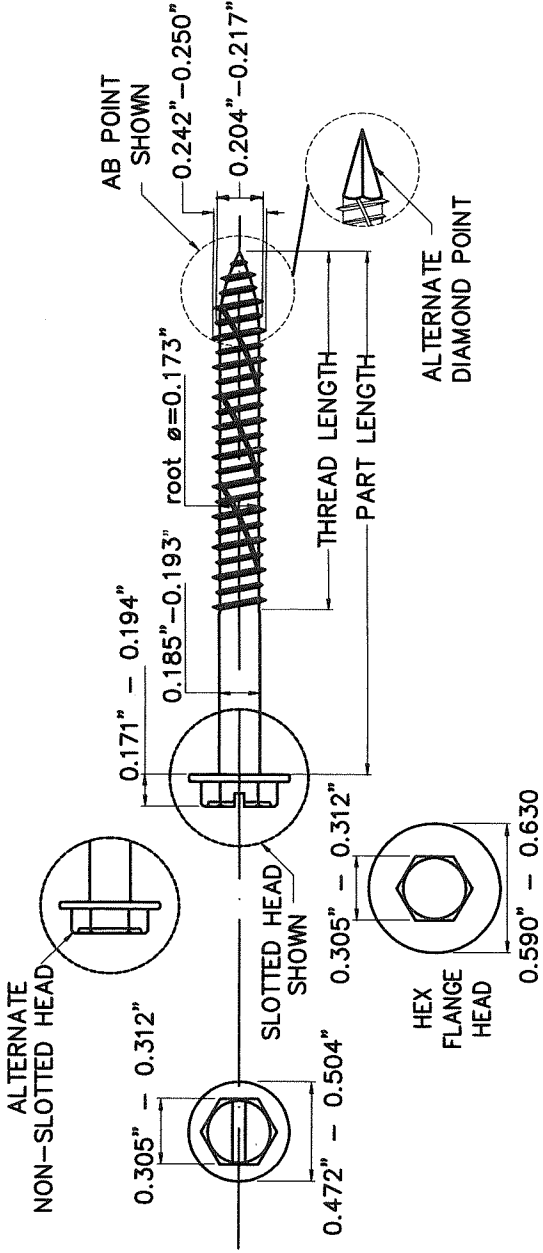
PREFIX DEFINITIONS
BT= BLUE-TAP
3 = 3/16" Ø (DIAMETER)
H = HEX WASHER HEAD
C = FLAT HEAD

CARBON STEEL PHILLIPS FLAT HEAD #2 PH.	CARBON STEEL PHILLIPS FLAT HEAD #2 PH.	CARBON STEEL TORX FLAT HEAD T25 TORX	CARBON STEEL SQUARE DRIVE FLAT HEAD #2 SQ.

WALTER A. TILLIT

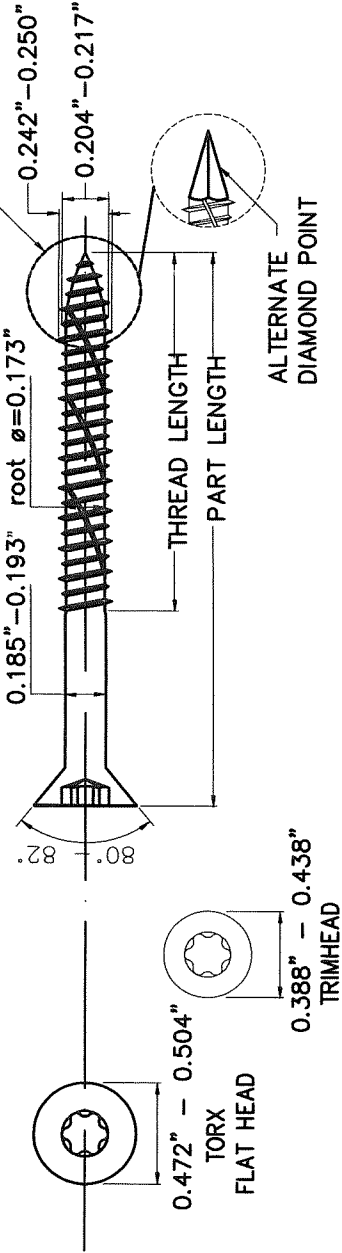
1/4"Ø HEX HEAD CONCRETE SCREW ANCHOR

Scale 1'-0" = 1'-0"



1/4"Ø FLAT HEAD CONCRETE SCREW ANCHOR

Scale 1'-0" = 1'-0"



MODEL
32
45
57
65
70
82
95
100
125
150

BT4H
BT4C
BT4T
BTS4H
BTS4C
BTS4T
Example BLUE -

BT = BL
4 = 1/
H = HE

	HEAD STYLES ON CARBON STEEL								HEAD	
CARBON STEEL PHILLIPS FLAT HEAD #3 PH.	CARBON STEEL TORX FLAT HEAD T30 TORX	CARBON STEEL SQUARE DRIVE FLAT HEAD #3 SQ.	CARBON STEEL HEX WASHER HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	STAINLESS STEEL HEX WASHER HEAD	STAINLESS STEEL HEX WASHER HEAD	T30	T30
									5/16" HEX.	5/16" HEX.
CARBON STEEL PHILLIPS FLAT HEAD #3 PH.	CARBON STEEL TORX FLAT HEAD T30 TORX	CARBON STEEL SQUARE DRIVE FLAT HEAD #3 SQ.	CARBON STEEL HEX WASHER HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	STAINLESS STEEL HEX WASHER HEAD	STAINLESS STEEL HEX WASHER HEAD	T30	T30
									5/16" HEX.	5/16" HEX.
CARBON STEEL TORX FLAT HEAD T30 TORX	CARBON STEEL SQUARE DRIVE FLAT HEAD #3 SQ.	CARBON STEEL HEX WASHER HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	STAINLESS STEEL HEX WASHER HEAD	STAINLESS STEEL HEX WASHER HEAD	T30	T30
									5/16" HEX.	5/16" HEX.
CARBON STEEL SQUARE DRIVE FLAT HEAD #3 SQ.	CARBON STEEL HEX WASHER HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	STAINLESS STEEL HEX WASHER HEAD	STAINLESS STEEL HEX WASHER HEAD	T30	T30
									5/16" HEX.	5/16" HEX.
CARBON STEEL HEX WASHER HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	STAINLESS STEEL HEX WASHER HEAD	STAINLESS STEEL HEX WASHER HEAD	T30	T30
									5/16" HEX.	5/16" HEX.
CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	STAINLESS STEEL HEX WASHER HEAD	STAINLESS STEEL HEX WASHER HEAD	T30	T30
									5/16" HEX.	5/16" HEX.
CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	CARBON STEEL HEX FLANGE HEAD	STAINLESS STEEL HEX WASHER HEAD	STAINLESS STEEL HEX WASHER HEAD	T30	T30
									5/16" HEX.	5/16" HEX.