



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

The Hillman Group, Inc.
1590 NW 27th Avenue
Pompano Beach, FL 33069

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: Hillman Solid Set™ / All-Points Solid Set™ / Hillman Power Pro® Carbon Steel & Stainless-Steel Screws

APPROVAL DOCUMENT: Drawing No. **22-50606**, titled “Hillman Solid Set / All-Points Solid Set Carbon Steel & Stainless-Steel Screws”, sheets 1 through 5 of 5, dated 06/15/2021, with latest revision dated 08/04/2022, prepared by Engineering Express, signed and sealed by Richard Neet, 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, city, state 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.**



NOA No: 22-0606.04
Expiration Date: September 22, 2027
Approval Date: September 22, 2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **22-50606**, titled “Hillman Solid Set / All-Points Solid Set Carbon Steel & Stainless-Steel Screws”, sheets 1 through 5 of 5, dated 06/15/2021, with latest revision dated 08/04/2022, prepared by Engineering Express, signed and sealed by Richard Neet, P.E.

B. TESTS

	<u>Test Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Sign & Seal</u>
1.	HETI-20-A5046	ASTM E488-18	09/01/22-R	Ram N. Tewari, P.E.
2.	HETI-20-A5047	ASTM E488-18	09/01/22-R	Ram N. Tewari, P.E.
3.	HETI-20-A5048	ASTM E488-18	09/01/22-R	Ram N. Tewari, P.E.
4.	HETI-20-A5050	ASTM E488-18	09/01/22-R	Ram N. Tewari, P.E.
5.	HETI-20-A5052	ASTM E488-18	09/01/22-R	Ram N. Tewari, P.E.
6.	HETI-20-A5055	ASTM E488-18	09/01/22-R	Ram N. Tewari, P.E.
7.	HETI-20-S421	ASTM G85-11 A5	01/19/21	Rafael E. Droz-Seda, P.E.
8.	HETI-21-S800	ASTM G85-11 A5	01/19/21	Rafael E. Droz-Seda, P.E.
9.	HETI-21-S802	ASTM G85-11 A5	01/19/21	Rafael E. Droz-Seda, P.E.
10.	HETI-21-S805	ASTM G85-11 A5	01/19/21	Rafael E. Droz-Seda, P.E.
11.	HETI-21-S806	ASTM G85-11 A5	01/19/21	Rafael E. Droz-Seda, P.E.
12.	HETI-20-C104	ASTM C39-21	03/12/21	Rafael E. Droz-Seda, P.E.

C. CALCULATIONS

1. Anchors tension and shear strength calculation, prepared by Engineering Express, dated 05/13/2022, signed and sealed Richard Neet, 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 7th edition (2020) of the FBC, issued by Engineering Express, dated 04/15/2022, signed and sealed by Richard Neet, P.E.
2. Statement letter of no financial interest issued by Engineering Express, dated 04/15/2022, signed and sealed by Richard Neet, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No: 22-0606.04
Expiration Date: September 22, 2027
Approval Date: September 22, 2022

THE HILLMAN GROUP, INC.

HILLMAN SOLID SET™ / ALL-POINTS SOLID SET™ / HILLMAN POWER PRO® CARBON STEEL & STAINLESS STEEL SCREWS (CONCRETE, MASONRY & WOOD SUBSTRATES)

NOTE: FOR ALL ANCHORS, THE NAME "POWER PRO®" MAY BE USED INSTEAD OF "SOLID-SET". "POWER PRO®" IS A REGISTERED TRADEMARK NAME FOR THE HILLMAN GROUP.

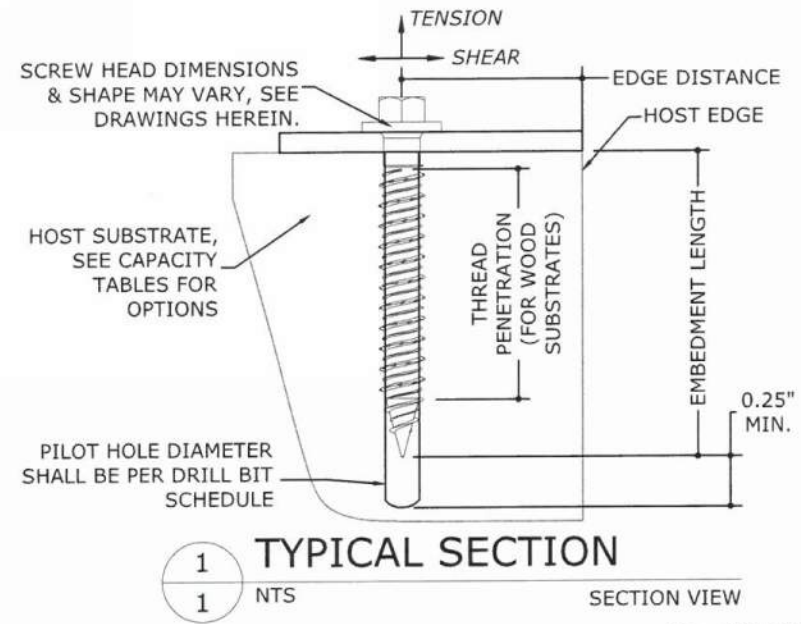
PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 22-0606.04
Approval Date 09/22/2022
By *[Signature]*
Miami-Dade Product Control

RICHARD NEET, P.E.
PE# 86488 CA# 9885

SEPTEMBER 19, 2022

RICHARD NEET
LICENSE
No. PE-86488
STATE OF FLORIDA
PROFESSIONAL ENGINEER

CERTIFYING ENGINEER AND CERT OF AUTH
AS LISTED ON STAMP



1 TYPICAL SECTION
1 NTS SECTION VIEW

ALLOWABLE SCREW CAPACITIES:

CS = CARBON STEEL
SS = STAINLESS STEEL

ANCHOR	SUBSTRATE	EMBEDMENT	O.C. SPACING	LOADING TYPE	EDGE DISTANCE	ALLOWABLE LOAD (LB)
SOLID SET 5/16" SCREW CS	3KSI CONCRETE	1.75"	5.00"	TENSION	3.00"	499
				SHEAR	3.00"	688
		TENSION	3.00"	985		
	GROUT FILLED CMU	1.75"	5.00"	SHEAR	3.00"	872
				TENSION	3.00"	338
		TENSION	3.00"	491		
HOLLOW BLOCK	1.25"	5.00"	TENSION	3.00"	654	
			SHEAR	3.00"	707	
				TENSION	3.00"	175
				SHEAR	3.00"	283

ANCHOR	SUBSTRATE	EMBEDMENT	O.C. SPACING	LOADING TYPE	EDGE DISTANCE	ALLOWABLE LOAD (LB)	
SOLID SET 1/4" SCREW CS	3KSI CONCRETE	1.75"	3.00"	TENSION	3.00"	484	
				SHEAR	1.25"	406	
				SHEAR	3.00"	463	
		GROUT FILLED CMU	1.75"	3.00"	TENSION	3.00"	424
					SHEAR	1.25"	368
			SHEAR	3.00"	336		
	HOLLOW BLOCK	1.25"	3.00"	TENSION	1.25"	213	
				SHEAR	3.00"	179	
		TENSION	1.25"	150			
	WOOD (G=0.55)	1.50"	3.00"	TENSION	0.75"	404	
				SHEAR	0.75"	221	
		TENSION	0.75"	319			
				SHEAR	0.75"	257	

ANCHOR	SUBSTRATE	EMBEDMENT	O.C. SPACING	LOADING TYPE	EDGE DISTANCE	ALLOWABLE LOAD (LB)
SOLID SET 3/16" SCREW CS	3KSI CONCRETE	1.75"	4.00"	TENSION	1.75"	381
				SHEAR	1.75"	227
		TENSION	1.75"	310		
	GROUT FILLED CMU	1.75"	4.00"	SHEAR	1.75"	174
				TENSION	1.75"	97
		TENSION	1.75"	171		

ANCHOR	SUBSTRATE	EMBEDMENT	O.C. SPACING	LOADING TYPE	EDGE DISTANCE	ALLOWABLE LOAD (LB)
SOLID SET #14 FEMALE ANCHOR CS	3KSI CONCRETE	1.75"	3.00"	TENSION	3.00"	505
				SHEAR	1.25"	392
		SHEAR	3.00"	645		
	HOLLOW BLOCK	1.25"	3.00"	TENSION	1.25"	172
				SHEAR	3.00"	145
		TENSION	1.25"	139		
				SHEAR	3.00"	309
				SHEAR	1.25"	134

ALLOWABLE SCREW CAPACITIES (CONTINUED):

ANCHOR	SUBSTRATE	EMBEDMENT	O.C. SPACING	LOADING TYPE	EDGE DISTANCE	ALLOWABLE LOAD (LB)
SOLID SET 1/4" SCREW 410 SS	3KSI CONCRETE	1.75"	3.00"	TENSION	3.00"	460
				SHEAR	1.25"	355
		TENSION	3.00"	632		
		SHEAR	1.25"	230		
	GROUT FILLED CMU	1.75"	3.00"	TENSION	3.00"	429
				SHEAR	1.25"	361
		TENSION	3.00"	387		
		SHEAR	1.25"	234		
	HOLLOW BLOCK	1.25"	3.00"	TENSION	3.00"	159
				SHEAR	1.25"	148
		TENSION	3.00"	271		
		SHEAR	1.25"	137		
WOOD (G=0.55)	1.50"	3.00"	TENSION	0.75"	366	
			SHEAR	0.75"	228	
WOOD (G=0.42)	1.50"	3.00"	TENSION	0.75"	315	
			SHEAR	0.75"	189	

ANCHOR	SUBSTRATE	EMBEDMENT	O.C. SPACING	LOADING TYPE	EDGE DISTANCE	ALLOWABLE LOAD (LB)
SOLID SET #14 MALE ANCHOR CS	3KSI CONCRETE	1.75"	3.00"	TENSION	3.00"	505
				SHEAR	1.25"	392
		TENSION	3.00"	645		
		SHEAR	1.25"	172		
	GROUT FILLED CMU	1.75"	3.00"	TENSION	3.00"	494
				SHEAR	1.25"	320
		TENSION	3.00"	448		
		SHEAR	1.25"	195		
	HOLLOW BLOCK	1.25"	3.00"	TENSION	3.00"	145
				SHEAR	1.25"	139
	WOOD (G=0.55)	1.50"	3.00"	TENSION	0.75"	411
				SHEAR	0.75"	318
TENSION		0.75"	373			
SHEAR		0.75"	220			

ANCHOR	SUBSTRATE	EMBEDMENT	O.C. SPACING	LOADING TYPE	EDGE DISTANCE	ALLOWABLE LOAD (LB)
SOLID SET #14 MALE ANCHOR 304 SS	3KSI CONCRETE	1.75"	3.00"	TENSION	3.00"	391
				SHEAR	1.25"	369
		TENSION	3.00"	501		
		SHEAR	1.25"	202		
	GROUT FILLED CMU	1.75"	3.00"	TENSION	3.00"	271
				SHEAR	1.25"	271
		TENSION	3.00"	500		
		SHEAR	1.25"	214		
	HOLLOW BLOCK	1.25"	3.00"	TENSION	3.00"	92
				SHEAR	1.25"	139
	WOOD (G=0.55)	1.50"	3.00"	TENSION	0.75"	471
				SHEAR	0.75"	280
TENSION		0.75"	389			
SHEAR		0.75"	278			

DRILL BIT SCHEDULE

SCREW TYPE	DRILL BIT DIAMETER
ALL 5/16" SCREWS	1/4"
ALL 1/4" SCREWS	3/16"
ALL 3/16" SCREWS	5/32"
ALL #14 MALE & FEMALE SCREWS	7/32"

CAPACITY TABLE NOTES:

- INSTALLATION SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS AND THIS DOCUMENT
- CLEAN HOLES OF DEBRIS AND DUST BEFORE INSTALLATION OF ANCHOR
- ANCHORS SHALL NOT BE INSTALLED BEFORE THE CONCRETE HAS DEVELOPED ITS DESIGN STRENGTH
- ANCHORS SHALL NOT BE INSTALLED IN CRACKED CONCRETE SUBSTRATES, AS DEFINED IN ACI 355.2
- SEE REMAINING SHEETS HEREIN FOR SCREW LENGTH OPTIONS AND OTHER SPECIFICATIONS
- ⊥ = PERPENDICULAR TO WOOD GRAIN

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED & TESTED IN ACCORDANCE WITH THE STRUCTURAL PROVISIONS OF THE FLORIDA BUILDING CODE SEVENTH EDITION (2020) FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE, AND THE FOLLOWING STANDARDS: ASTM E488, ACI 355.2, ASTM C39, T&S 114 & ASTM D1761.
- ALL CARBON STEEL SCREW ANCHORS SHALL BE SAE 1022 PER SAE J933. ALL STAINLESS STEEL SCREW ANCHORS SHALL BE SERIES 410 OR SERIES 304 AS SPECIFIED HEREIN. CARBON STEEL SCREWS SHALL HAVE THE FOLLOWING CORROSION-PROTECTIVE COATINGS:
- BASE COAT: GALVANIZED
- TOP COAT: ORGANIC COATING (COLOR MAY VARY)
- ANCHOR INSTALLATION SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS AND THIS NOTICE OF ACCEPTANCE.
- PILOT HOLES FOR ANCHORS SHALL BE PER THE DRILL BIT SCHEDULE HEREIN.
- ALLOWABLE LOADS SHOWN HEREIN HAVE BEEN CALCULATED DIRECTLY FROM THE TEST REPORTS REFERENCED BELOW PER THE FOLLOWING:
 - ULTIMATE LOAD DIVIDED BY 4.0 FOR SOLID NON-CRACKED CONCRETE SUBSTRATES.
 - ULTIMATE LOAD DIVIDED BY 5.0 FOR HOLLOW BLOCK & GROUT FILLED BLOCK SUBSTRATES.
 - ULTIMATE LOAD DIVIDED BY 3.0 FOR WOOD SUBSTRATES PER THE FOLLOWING PARAMETERS:
- LOAD DIRECTION = PERPENDICULAR TO WOOD GRAIN
- LOAD DURATION FACTOR = 1.6
- TEMPERATURE ≤ 100° F
- MOISTURE AT FABRIC ≤ 19%
- MOISTURE IN SERVICE ≤ 19%
- EXPOSURE SERVICE = DRY CONDITIONS

**SCREW CAPACITIES TO WOOD FOR CONDITIONS OTHER THAN THOSE LISTED ABOVE SHALL BE ADJUSTED AND CERTIFIED SEPARATELY IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) BY A LICENSED PROFESSIONAL ENGINEER.*
- NO ALLOWABLE STRESS INCREASE HAS BEEN USED IN PREPARATION OF THIS DOCUMENT.
- CONCRETE SHALL CONFORM TO ACI 301 SPECIFICATIONS, WITH STRENGTH PROPERTIES AS SPECIFIED HEREIN. HOLLOW AND GROUT-FILLED CONCRETE BLOCK SHALL CONFORM TO ASTM C-90. WOOD SUBSTRATES SHALL HAVE THE MINIMUM SPECIFIC GRAVITY AS LISTED HEREIN.
- ANCHOR EDGE DISTANCE AND SPACING SHALL BE MEASURED FROM THE CENTERLINE OF EACH ANCHOR.
- ANCHOR EDGE DISTANCES, EMBEDMENT, AND SPACING BELOW THOSE SHOWN IN DESIGN TABLES HEREIN ARE NOT ACCEPTABLE.
- ALLOWABLE LOAD CAPACITIES TO SUBSTRATES THAT ARE NOT SHOWN IN THE DESIGN TABLES LISTED HEREIN ARE OUTSIDE THE SCOPE OF THIS CERTIFICATION AND SHALL BE DETERMINED BY A LICENSED PROFESSIONAL ENGINEER.
- ANCHOR VALUES LISTED HEREIN ARE DETERMINED THROUGH TESTING REPORT DATA AND CHECKED FOR CONSISTENCY WITH EACH TEST PERFORMED.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- ALTERATIONS, ADDITIONS OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- IN ALL CONDITIONS IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER TO ENSURE THE HOST STRUCTURE IS CAPABLE OF RESISTING THE LOAD RATING HEREIN.

ENGINEERING EXPRESS
POSTAL ADDRESS:
401 W. ATLANTIC AVE R10 #219
DELRAY BEACH, FL 33444
ENGINEERINGEXPRESS.COM

THE HILLMAN GROUP, INC.
1590 NW 27TH AVE
POMPANO BEACH, FL 33069
(954) 984-0116
HILLMAN GROUP SOLID SET ANCHORS
CONCRETE, MASONRY, AND WOOD SUBSTRATES
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

REMARKS	DRWN	CHKD	DATE
CRIG FL 39170.1 (20-25486)	RN	RN	06/15/21
INIT SUBMITTAL FOR NOA	EPR	RWN	04/14/22
REV PER MD COMMENTS	EPR	RWN	08/04/22

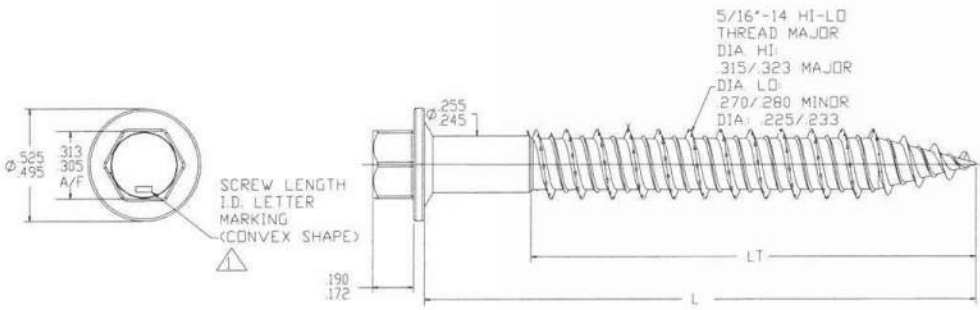
22-50606
SCALE: NTS UNLESS NOTED
1 OF 5

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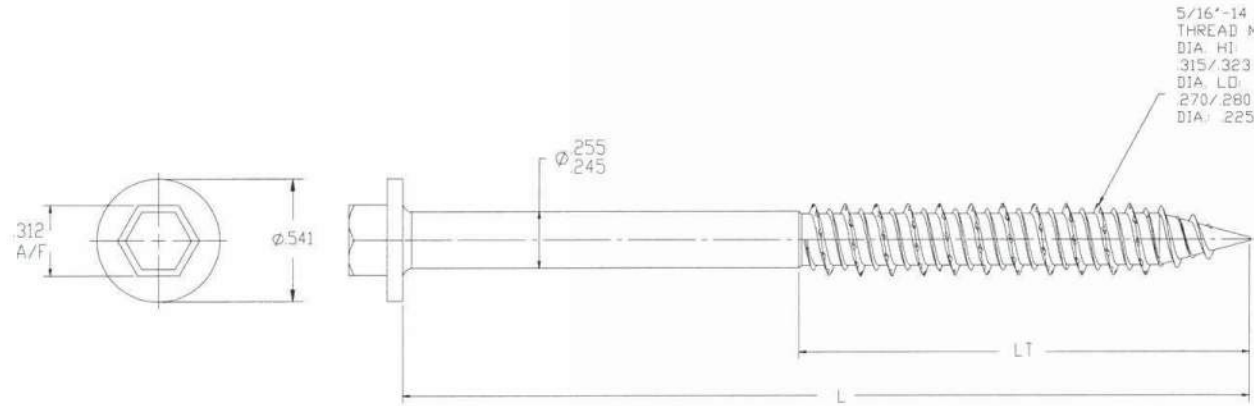
LENGTH ID MARKING ON ANCHOR HEAD	#	A	B	C	D	E	F	G	H	I	J	K	L	M
FROM	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"
UP TO, BUT NOT INCLUDING	1 1/2"	2"	2 1/2"	3	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"	8"



5/16" SOLID SET™ HEX WASHER HEAD REDUCED INDENTED SCREW (CARBON STEEL)

5/16" HEX HEAD SCREW DIMENSIONS

NOMINAL LENGTH	L	LT
1 3/4"	1.70-1.75"	1.70-1.75"
2 1/4"	2.20-2.25"	1.82-1.859
2 3/4"	2.65-2.75"	1.82-1.859
3 1/4"	3.15-3.25"	1.82-1.859
3 3/4"	3.65-3.75"	1.82-1.859
4"	3.90-4.0"	1.82-1.859
5"	4.90-5.0"	1.82-1.859
6"	5.90-6.0"	1.82-1.859

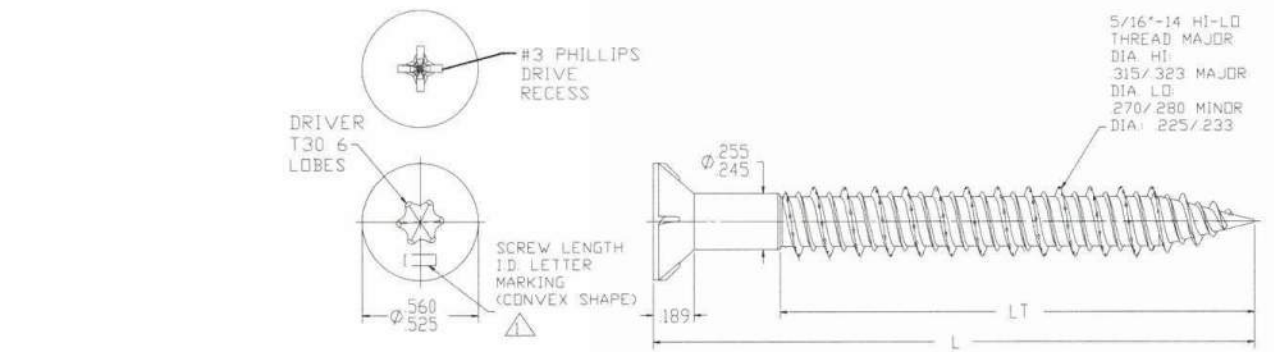


5/16" SOLID SET™ HEX HEAD SCREW (CARBON STEEL)

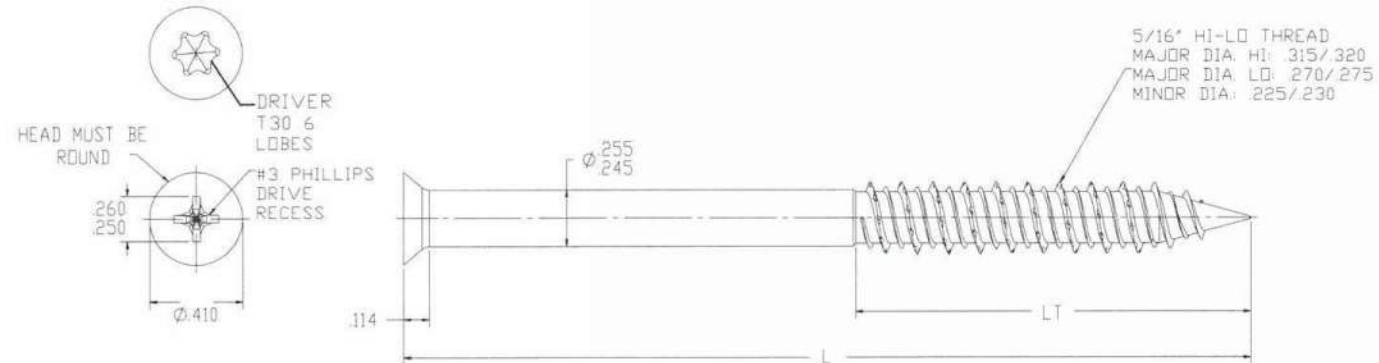
NOTE: FOR ALL ANCHORS, THE NAME "POWER PRO®" MAY BE USED INSTEAD OF "SOLID-SET". "POWER PRO®" IS A REGISTERED TRADEMARK NAME FOR THE HILLMAN GROUP.

5/16" FLAT HEAD SCREW DIMENSIONS

NOMINAL LENGTH	L	LT
1 3/4"	1.70-1.75"	1.45-1.50"
2 1/4"	2.20-2.25"	1.82-1.859
2 3/4"	2.65-2.75"	1.82-1.859
3 1/4"	3.15-3.25"	1.82-1.859
3 3/4"	3.65-3.75"	1.82-1.859
4"	3.90-4.0"	1.82-1.859
5"	4.90-5.0"	1.82-1.859
6"	5.90-6.0"	1.82-1.859



5/16" SOLID SET™ FLAT HEAD COUNTERSUNK SCREW (CARBON STEEL)



5/16" SOLID SET™ REDUCED FLAT HEAD SCREW (CARBON STEEL)

RICHARD NEET, P.E.
PE# 86488 CA# 9885

SEPTEMBER 19, 2022



ENGINEERING EXPRESS
 POSTAL ADDRESS:
 401 W. ATLANTIC AVE R10 #219
 DELRAY BEACH, FL 33444
 ENGINEERINGEXPRESS.COM

THE HILLMAN GROUP, INC.
 1590 NW 27TH AVE
 POMPANO BEACH, FL 33069
 (954) 984-0116
 HILLMAN GROUP SOLID SET ANCHORS
 CONCRETE, MASONRY, AND WOOD SUBSTRATES
 MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

PRODUCT APPROVED
 as complying with the Florida
 Building Code
 NOA-No. 22-0606.04

Approval Date 09/22/2022

By *[Signature]*
 Miami-Dade Product Control

REMARKS	DRWN	CHKD	DATE
ORIG FL# 39170.1 (20-25486)	RN	RN	06/15/21
INIT SUBMITTAL FOR NOA	EPR	RVN	04/14/22
REV/PER MD COMMENTS	EPR	RVN	08/04/22

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22-50606

SCALE: NTS UNLESS NOTED

2 OF 5

NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES

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LENGTH ID MARKING ON ANCHOR HEAD	#	A	B	C	D	E	F	G	H	I	J	K	L	M
FROM	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"
UP TO, BUT NOT INCLUDING	1 1/2"	2"	2 1/2"	3	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"	8"

1/4" HEX HEAD SCREW DIMENSIONS

NOMINAL LENGTH	L	LT
1 1/4"	1.20-1.25"	1.18-1.22"
1 3/4"	1.70-1.75"	1.70-1.75"
2 1/4"	2.20-2.25"	1.82-1.859
2 3/4"	2.65-2.75"	1.82-1.859
3 1/4"	3.15-3.25"	1.82-1.859
3 3/4"	3.65-3.75"	1.82-1.859
4"	3.90-4.0"	1.82-1.859
5"	4.90-5.0"	1.82-1.859
6"	5.90-6.0"	1.82-1.859

NOTE: FOR ALL ANCHORS, THE NAME "POWER PRO®" MAY BE USED INSTEAD OF "SOLID-SET". "POWER PRO®" IS A REGISTERED TRADEMARK NAME FOR THE HILLMAN GROUP.

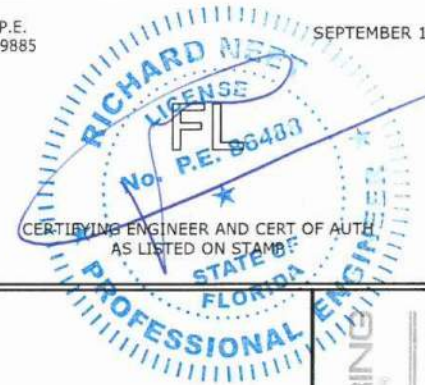
1/4" FLAT HEAD SCREW DIMENSIONS

NOMINAL LENGTH	L	LT
1 1/4"	1.20-1.25"	1.18-1.22"
1 3/4"	1.70-1.75"	1.70-1.75"
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3 3/4"	3.65-3.75"	1.82-1.859
4"	3.90-4.0"	1.82-1.859
5"	4.90-5.0"	1.82-1.859
6"	5.90-6.0"	1.82-1.859

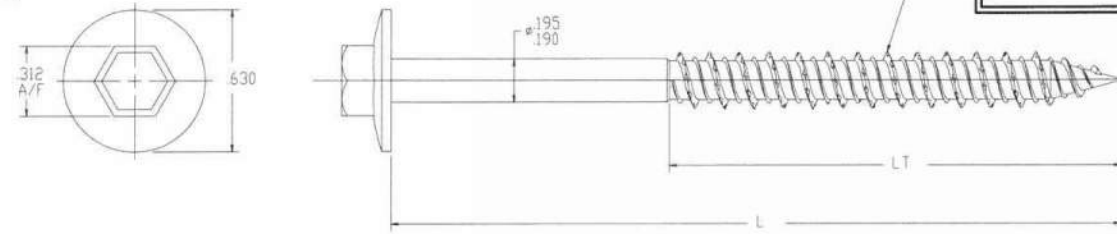
PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 22-0606.04
Approval Date 09/22/2022
By *R. Hillman*
Miami-Dade Product Control

RICHARD NEET, P.E.
PE# 86488 CA# 9885

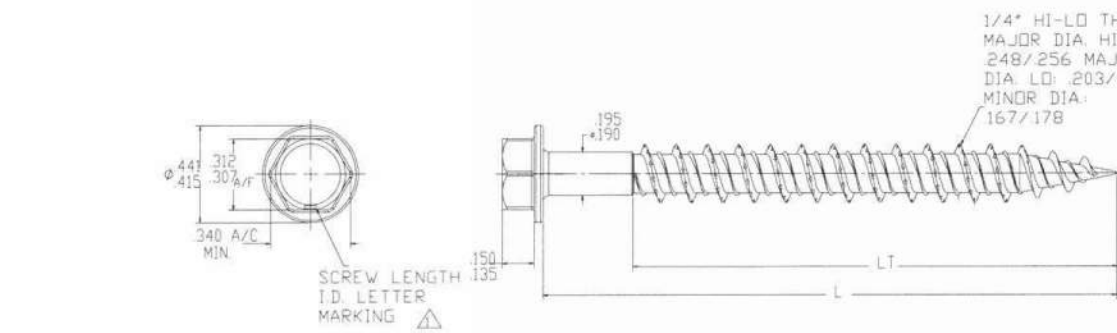
SEPTEMBER 19, 2022



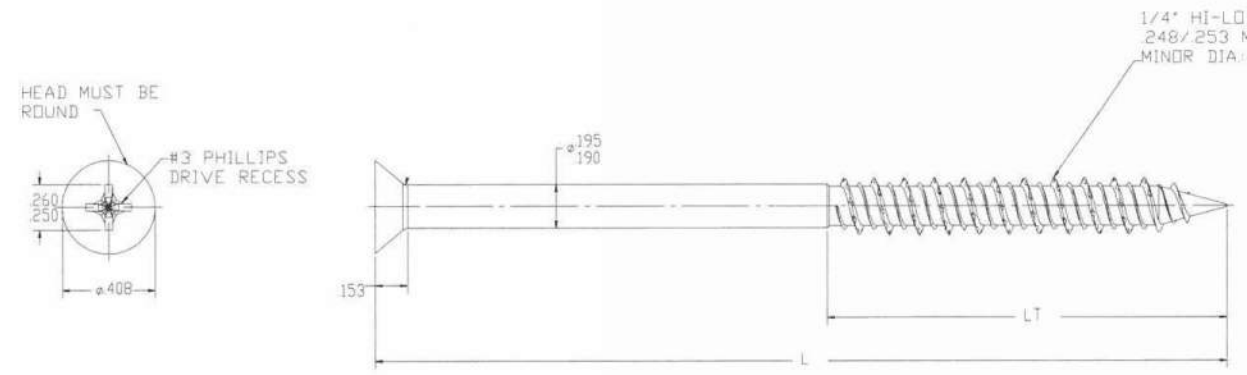
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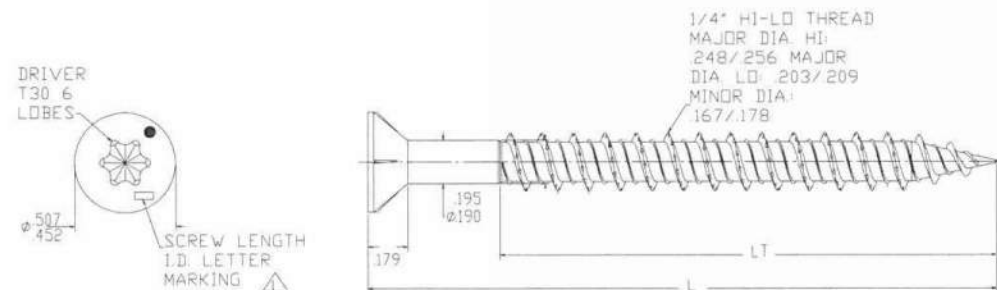
1/4" SOLID SET™ LG HEX WASHER HEAD SCREW (CS AND 410 SS)



1/4" SOLID SET™ HEX WASHER HEAD UNIVERSAL DRIVE SCREW (CS AND 410 SS)



1/4" SOLID SET™ FLAT HEAD SCREW (CS AND 410 SS)



1/4" SOLID SET™ FLAT HEAD-FULL THREAD STAR DRIVE SCREW (CS AND 410 SS)

NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES

THE HILLMAN GROUP, INC.
1590 NW 27TH AVE
POMPANO BEACH, FL 33069
(954) 984-0116
HILLMAN GROUP SOLID SET ANCHORS
CONCRETE, MASONRY, AND WOOD SUBSTRATES
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

REMARKS	DRWN	CHKD	DATE
ORIG FILE 39170.1 (20-25486)	RN	RN	06/15/21
INIT SUBMITTAL FOR NOA	EPR	RWN	04/14/22
REV/PER MD COMMENTS	EPR	RWN	08/04/22

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SCALE: NTS UNLESS NOTED

3 OF 5

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9/19/2022 1:52 PM ERIC

LENGTH ID MARKING ON ANCHOR HEAD	#	A	B	C	D	E	F	G	H	I	J	K	L	M
FROM	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"
UP TO, BUT NOT INCLUDING	1 1/2"	2"	2 1/2"	3	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"	8"

RICHARD NEET, P.E.
PE# 86488 CA# 9885

SEPTEMBER 19, 2022

CERTIFYING ENGINEER AND CERT OF AUTH AS LISTED ON STAMP

3/16" HEX HEAD SCREW DIMENSIONS

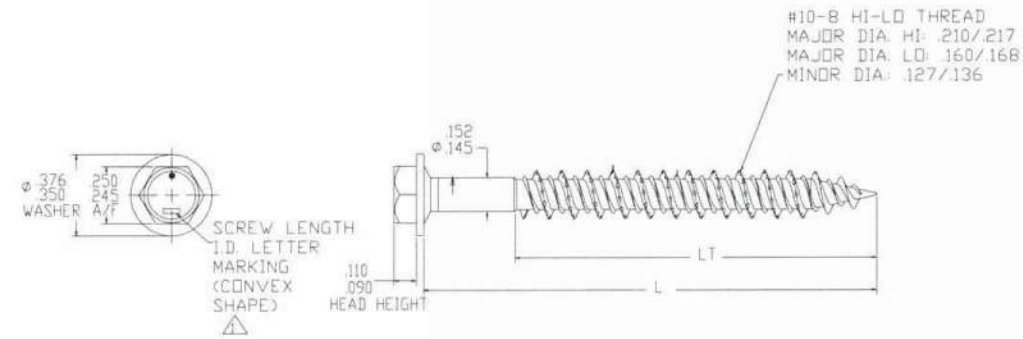
NOMINAL LENGTH	L	LT
1 1/4"	1.20-1.25"	1.18-1.22"
1 3/4"	1.70-1.75"	1.70-1.75"
2 1/4"	2.20-2.25"	1.82-1.859
2 3/4"	2.65-2.75"	1.82-1.859
3 1/4"	3.15-3.25"	1.82-1.859
3 3/4"	3.65-3.75"	1.82-1.859
4"	3.90-4.0"	1.82-1.859
5"	4.90-5.0"	1.82-1.859
6"	5.90-6.0"	1.82-1.859

NOTE: FOR ALL ANCHORS, THE NAME "POWER PRO®" MAY BE USED INSTEAD OF "SOLID-SET". "POWER PRO®" IS A REGISTERED TRADEMARK NAME FOR THE HILLMAN GROUP.

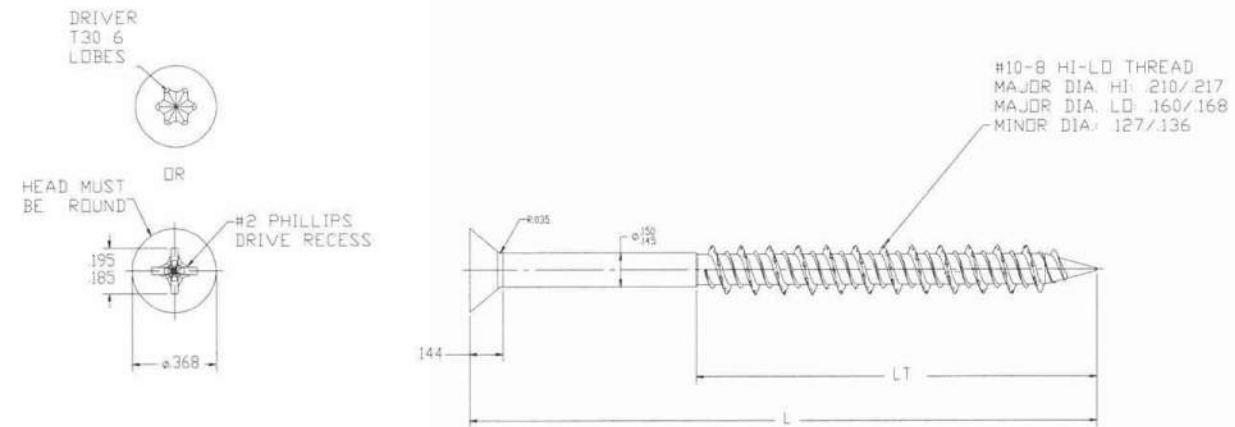
3/16" FLAT HEAD SCREW DIMENSIONS

NOMINAL LENGTH	L	LT
1 1/4"	1.20-1.25"	1.18-1.22"
1 3/4"	1.70-1.75"	1.70-1.75"
2 1/4"	2.20-2.25"	1.82-1.859
2 3/4"	2.65-2.75"	1.82-1.859
3 1/4"	3.15-3.25"	1.82-1.859
3 3/4"	3.65-3.75"	1.82-1.859
4"	3.90-4.0"	1.82-1.859
5"	4.90-5.0"	1.82-1.859

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 22-0606.04
Approval Date 09/22/2022
By *[Signature]*
Miami-Dade Product Control



3/16" SOLID SET™ RECESS INDENTED HEX WASHER HEAD SCREW (CARBON STEEL)



3/16" SOLID SET™ FLAT HEAD SCREW (CARBON STEEL)

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HILLMAN GROUP SOLID SET ANCHORS
CONCRETE, MASONRY, AND WOOD SUBSTRATES
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

REMARKS	DRWN	CHKD	DATE
ORIG FL 39170.1 (20-25486)	RN	RN	06/15/21
INIT SUBMITTAL FOR NOA	EPR	RWN	04/14/22
REV PER MD COMMENTS	EPR	RWN	08/04/22

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4 OF 5

NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES

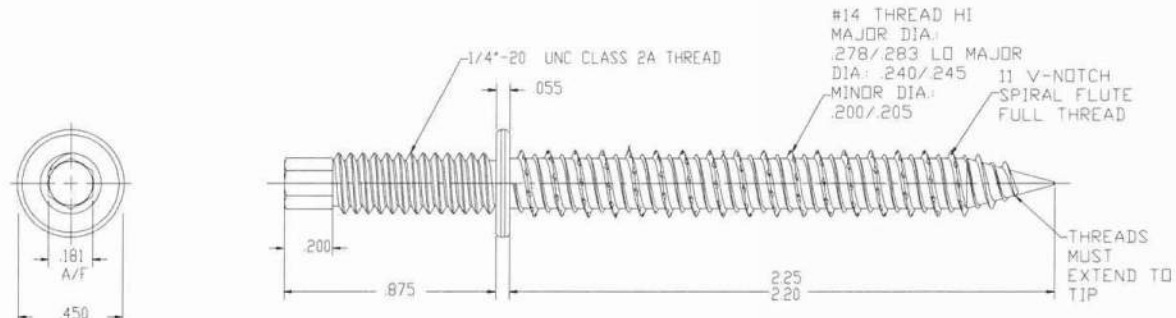
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RICHARD NEET, P.E.
PE# 86488 CA# 9885

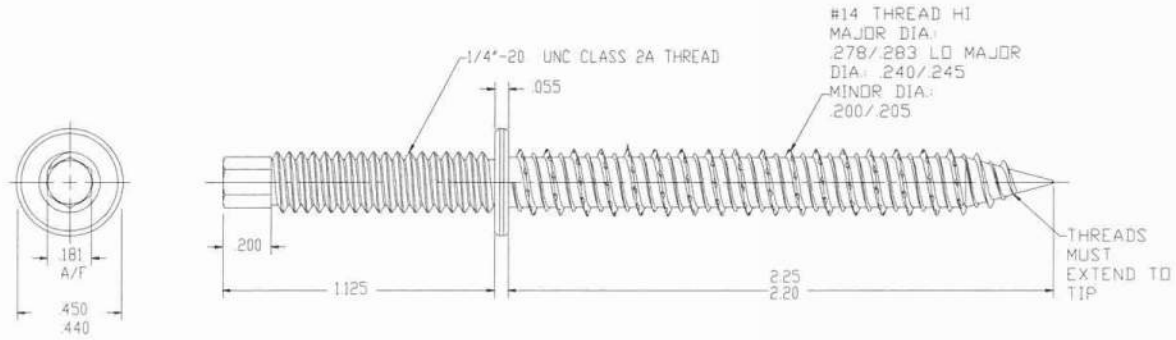


#14 MALE ANCHOR SCREW DIMENSIONS

NOMINAL LENGTH	L	LT
2 1/4"	2.20-2.25"	2.20-2.25"
3 1/4"	3.15-3.25"	2.20-2.25"
4 1/2"	3.90-4.0"	3.0-3.10"
5 1/2"	4.90-5.0"	3.0-3.10"
6 1 1/2"	5.90-6.0"	3.0-3.10"
7 3/8"	7.325-7.375"	3.0-3.10"



#14 MALE SOLID SET™ ANCHOR (CS AND 304 SS)

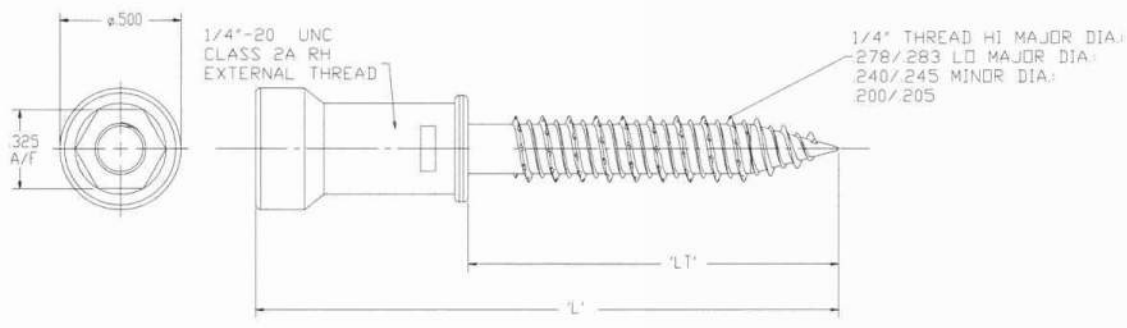


#14 MALE SOLID SET™ ANCHOR 1-1/8" STUD (CARBON STEEL)

NOTE: FOR ALL ANCHORS, THE NAME "POWER PRO®" MAY BE USED INSTEAD OF "SOLID-SET". "POWER PRO®" IS A REGISTERED TRADEMARK NAME FOR THE HILLMAN GROUP.

#14 FEMALE ANCHOR SCREW DIMENSIONS

NOMINAL LENGTH	L	LT
1 3/4"	1.70-1.75"	full thread
2 5/8"	2.575-2.625"	2.0-2.13"
3 1/4"	3.20-3.25"	3.0-3.10"
4 1/2"	3.90-4.0"	3.0-3.10"
5 1/2"	4.90-5.0"	3.0-3.10"
6 5/8"	6.575-6.625"	3.0-3.10"
7 3/8"	7.325-7.375"	3.0-3.10"



#14 FEMALE SOLID SET™ ANCHOR (CARBON STEEL)

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 22-0606.04
Approval Date 09/22/2022
By *[Signature]*
Miami-Dade Product Control

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THE HILLMAN GROUP, INC.

1590 NW 27TH AVE
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(954) 984-0116
HILLMAN GROUP SOLID SET ANCHORS
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MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

REMARKS	DRWN	CHKD	DATE
CRIG FL# 39770.1 (20-25486)	RN	RN	06/15/21
INIT SUBMITTAL FOR NOA	EPR	RWV	04/14/22
REV PER MD COMMENTS	EPR	RWV	08/04/22

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