Moisture Barrier Plates protect the bottom chords of trusses from moisture damage caused by direct contact with concrete. These plates eliminate the need for more expensive treated wood plates.

Materials: See chart **Finish:** G90 galvanizing

MiTek USP

Stock No.

NOP2X

NOP1

NOP4

Installation:

Size

- Use all specified fasteners. See Product Notes, page 18.
- Pre-attach to truss bottom chord or rafter using pre-punched prongs and/or 6d common nails to prevent wood-to-concrete contact.

Steel

Gauge

26

22

26

Dimensions (in)

8

8

8

W

1-7/16

1-1/2

3-1/2

Fastener Schedule

Type

6d

6d

Ref.

Qty

2

2





W
NOP4

1) NAILS: 6d nails are 0.120" dia. x 2" long.

TSS2-2

Ref. No.

TSS2, TBP8

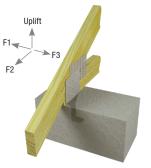
LPTA Embedded Truss Anchors

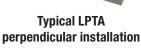
Low profile design attaches to 2x4 or larger bottom chords and provides uplift and lateral load resistance.

Materials: 18 gauge **Finish:** G90 galvanizing

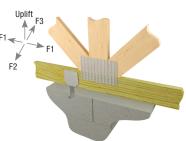
Codes: FL

- Use all specified fasteners. See Product Notes, page 18.
- Embed LPTA 4" into concrete tie beam or masonry bond beam.
- Anchors should be spaced no closer than 8" center-to-center.
- Moisture barrier may be required.









Typical LPTA parallel installation

				nsions in)	Load Direction	Fastener Schedule ⁵ Per Anchor		DF/SP Allowable Loads (Lbs.) ^{1,2}				S-P-F Allowable Loads (Lbs.) ^{1,2}				
MiTek USP Stock No.	Ref. No.	Steel Gauge	W	Н	to Wall Installation	Min Qty ^{3,4}	Туре	Uplift 160%		F2 160%	F3 160%	Uplift 160%	F1 160%	F2 160%		Code Ref.
LPTA	LTA2	18	5	8-1/4	Perpendicular	10	10d x 1-1/2	1510	335	745	345	1510	280	745	345	FI
LITIA	LIAZ	10	J	0-1/4	Parallel	10	10u x 1-1/2	1470	750	1085	335	1470	750	975	280	1.

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- Connector shall be installed to fully grouted and reinforced masonry units (CMU) type S or better mortar or reinforced concrete (f'c = 2,500 psi at 28 days).
- Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.
- 4) The five nail holes nearest the embedment line must be filled to achieve the lateral loads listed in the table.
- 5) NAILS: 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.

The HLPTA75 is designed and tested to provide higher lateral capacity and net uplift. Offers greater pullout resistance and is compatible with bond beam reinforcing.

Materials: 18 gauge Finish: G90 galvanizing

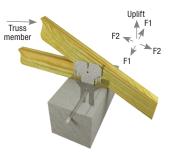
Codes: See chart for code references **Patent:** U.S. Patent No. 7,254,919

- Use all specified fasteners. See Product Notes, page 18.
- Embed in concrete tie beam or masonry bond beam until the seat is resting on the surface.
- Minimum of one #7 rebar or two #5 rebars through the theoretical shear cone is required.
- Minimum spacing between anchors is 10" to achieve full design load capacities on single anchors.
- When used in a double rebar installation, concrete tie beam stirrup should be sized to accommodate connector leg placement.
- Designer shall verify connector clearance when using in conjunction with stirrups and two rebar applications.
- Verify grout is not in contact with truss member.

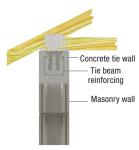
 Moisture barrier may be required.



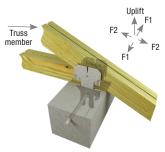
Typical HLPTA75 single rebar installation



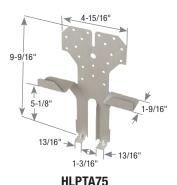
Typical HLPTA75 single anchor installation



Typical HLPTA75 double rebar installation



Typical HLPTA75 double anchor installation



				9	Fastener Seat Plate		dule ³ russ/Rafter	DF/SP Allowable Loads (Lbs.) ¹			Allowa			
MiTek USP Stock No.	Ref. No.	Steel Gauge	Installation Type	Qty	Туре	Qty	Туре	Uplift 160%	F1 160%	F2 160%	Uplift 160%	F1 160%	F2 160%	Code Ref.
HLPTA75		18	Single Anchor	2	10d x 1-1/2	20	10d x 1-1/2	2125	1860	1715	2125	1860	1160	FL
nLP1A/5		10	Double Anchor			40	10d x 1-1/2	3500	2040	2100	3500	2040	2100	

- 1) Allowable loads have been increased 60% for wind and seismic loads; no further increase shall be permitted.
- 2) Connector shall be installed to fully grouted and reinforced masonry units (CMU) type S or better mortar or reinforced concrete (f'c = 2,500 psi at 28 days).
- 3) NAILS: 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.

HHTA16

HTA - 16 or 18 gauge

HTAR - 16 or 18 gauge with attached moisture barrier

HHTA - 14 gauge

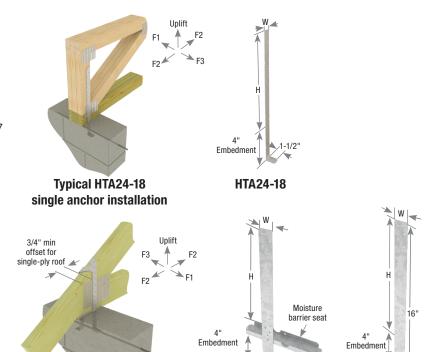
Materials: See chart **Finish:** G90 galvanizing

Options: See chart for Corrosion Finish Options on page 247

Codes: FL

Installation:

- Use all specified fasteners. See Product Notes, page 18.
- Embed 4" into concrete tie beam or masonry bond beam.
- For double anchor installations: anchors should be installed on opposite sides of wood member and offset a minimum 3/4" from each other in bond beam or concrete tie beam.
- Designer may specify alternative nailing schedules.
 Refer to Nail Specification table on page 23 for nail shear values, load values shall not exceed published allowable loads.
- When using alternative nailing schedules, lower-most holes in strap shall be filled progressing upward towards the top of the strap.
- Straps may be installed straight or wrapped over to achieve table loads.
- Moisture barrier will be required in HTA / HHTA unless another moisture remediation method is used.



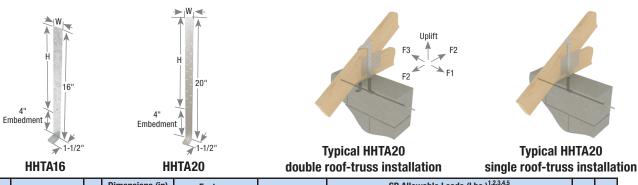
HTA16R

			Dime	nsions (in)		Fastener Schedule		SP Allowable Loads (Lbs.) ^{1,2,3,4,5}							
					В	er Anchor		Mas	Masonry Concret			L	ateral Load		
				H ⁷	Г	ei Aliciioi		1 Ply	2 Ply	1 Ply	2 Ply	Masonry			
MiTek USP				(Out of	Min		Installation	Uplift	Uplift	Uplift	Uplift	F1	F2	F3	Code
Stock No.	Ref. No.	GA	W	Concrete)	Qty. ⁶	Type ⁹	Type ⁸	160%	160%	160%	160%	160%	160%	160%	Ref.
HTA12	HETA12						Single Anchor	1870	1870	1870	1870	270	710	945	
IIIAIZ	TILIAIZ						Double Anchor	2430	2430	2430	2430	1215	1310	1215	
HTA12R	HETA12-TSS2	16	1-1/4	8	9	10d x 1-1/2	Single Anchor	1870	1870	1870	1870	270	710	945	FL
IIIAIZII	TILIATZ-100Z	''	1-1/4	"	9	100 X 1-1/2	Double Anchor	2430	2430	2430	2430	1215	1310	1215] '' [
HTA12-2R	HETA12-TSS2-2						Single Anchor	1870	1870	1870	1870	270	710	945	
HIAIZ-ZN	HETATZ-1332-2						Double Anchor	2430	2430	2430	2430	1215	1310	1215	

Typical HTA16

double anchor installation

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) Allowable loads are based on anchorage to masonry/uncracked concrete.
- 3) DF Allowable Loads are identical to all SP Allowable Loads listed in the chart with the exception of the HTA single anchor installation type uplift allowable load which is limited to 1730 lbs. in both masonry and concrete.
- 4) Minimum specified masonry or concrete compressive strength, f'm is 1,500 psi and f'c is 2,500 psi at 28 days respectively.
- 5) Testing conducted and design values based on unreinforced masonry. Rebar in wall specified by others.
- 6) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.
- 7) Height (H) is the distance the anchor extends out of concrete or masonry.
- 8) Double anchor installation is permitted on 1-ply roof members when anchors are offset from each other a minimum of 3/4". Do not install anchors directly back-to-back or nails will interfere with each other.
- 9) NAILS: 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.



	пптато		- 111	TIAZ	<u> </u>	SP Allowable Loads (Lbs.) ^{1,2,3,4,5}) III 6	tana	
			Dime	nsions (in)		Fastener				SP Allo	wable l	oads (Lbs.)	ads (Lbs.) ^{1,2,3,4,5}			
					1	Schedule		Mas	onry	Con	crete	L	ateral Load	ls		
				7	F	Per Anchor		1 Ply	2 Ply	1 Ply	2 Ply	Masonry/	Concrete (or 2 Ply)	_	
MiTek USP				H ⁷ (Out of	Min		Installation	Uplift	Uplift	Uplift	Uplift	F1	F2	F3	osio h	Codo
Stock No.	Ref. No.	GA	w	Concrete)	Qty. ⁶	Type ^{9,10}	Type ⁸	160%	160%	160%	160%	160%	160%	160%	Corrosic Finish	Rof
	META12,	un		Comoroto)	Qty.	Турс	Single Anchor	1625	1625	1625	1625	250	570	835		no.
HTA16-18	META16	l					Double Anchor	2430	2430	2430	2430	1085	1140	1085	1 !	
UT440 40D	1457440 7000	18	1-1/4	12	9	10d x 1-1/2	Single Anchor	1625	1625	1625	1625	250	570	835	\vdash	
HTA16-18R	META16-TSS2						Double Anchor	2430	2430	2430	2430	1085	1140	1085	1 !	
LITAGO	LIETALO						Single Anchor	1870	1870	1870	1870	270	710	945		
HTA16	HETA16						Double Anchor	2430	2430	2430	2430	1215	1310	1215	1 !	
LITALOD	LIETA1C TCCO	1,	1 1/4	12		104 ; 1 1/0	Single Anchor	1870	1870	1870	1870	270	710	945		
HTA16R	HETA16-TSS2	16	1-1/4	12	9	10d x 1-1/2	Double Anchor	2430	2430	2430	2430	1215	1310	1215	1 !	
LITA1C OD	LIETA1C TCCO O	1					Single Anchor	1870	1870	1870	1870	270	710	945		
HTA16-2R	HETA16-TSS2-2						Double Anchor	2430	2430	2430	2430	1215	1310	1215	1 !	
HHTA16	HHETA16	14	1-1/4	12	11	10d x 1-1/2	Single Anchor	2375	2375	2375	2375	270	710	945		
пптато	INTERNIO	14	1-1/4	12	''	100 X 1-1/2	Double Anchor	2650	2650	2650	2770	1215	1310	1215	1 !	
HTA20-18	META18,					10d x 1-1/2	Single Anchor	1625	1625	1625	1625	250	570	835		
ПТА20-10	META20	10	1-1/4	16	9		Double Anchor	2430	2430	2430	2430	1085	1140	1085		
HTA20-18R	META20-TSS2	10	1-1/4	10	9		Single Anchor	1625	1625	1625	1625	250	570	835		
HIAZU-10N	WIETAZU-133Z						Double Anchor	2430	2430	2430	2430	1085	1140	1085		
HTA20	HETA20					10d x 1-1/2	Single Anchor	1870	1870	1870	1870	270	710	945		
IIIAZU	TILIAZU						Double Anchor	2430	2430	2430	2430	1215	1310	1215		
HTA20R	HETA20-TSS2	16	1-1/4	16	9		Single Anchor	1870	1870	1870	1870	270	710	945		FL
IIIAZUN	11L1A20-1332	10	1-1/4	10	"	100 X 1-1/2	Double Anchor	2430	2430	2430	2430	1215	1310	1215		''-
HTA20-2R	HETA20-TSS2-2						Single Anchor	1870	1870	1870	1870	270	710	945		
IIIAZU-ZII	TILTA20-1002-2						Double Anchor	2430	2430	2430	2430	1215	1310	1215		
HHTA20	HHETA20	14	1-1/4	16	11	10d x 1-1/2	Single Anchor	2375	2375	2375	2375	270	710	945		
11117120	THETALO	L	, .	10		100 X 1 1/2	Double Anchor	2650	2650	2650	2770	1215	1310	1215		
HTA24-18	META22,						Single Anchor	1625	1625	1625	1625	250	570	835] !	
III/IL-T TO	META24	18	1-1/4	20	9	10d x 1-1/2	Double Anchor	2430	2430	2430	2430	1085	1140	1085		
HTA24-18R	META24-TSS2	'	' '' '			100 X 1 1/2	Single Anchor	1625	1625	1625	1625	250	570	835	. !	
1117121 1011	INIET/IET TOOL						Double Anchor	2430	2430	2430	2430	1085	1140	1085		
HTA24	HETA24						Single Anchor	1870	1870	1870	1870	270	710	945	. !	
							Double Anchor	2430	2430	2430	2430	1215	1310	1215		
HTA24R	HETA24-TSS2	16	1-1/4	20	9	10d x 1-1/2	Single Anchor	1870	1870	1870	1870	270	710	945	. !	
	11217121 1002		, .				Double Anchor	2430	2430	2430	2430	1215	1310	1215	igspace	
HTA24-2R	HETA24-TSS2-2						Single Anchor	1870	1870	1870	1870	270	710	945	. !	
							Double Anchor	2430	2430	2430	2430	1215	1310	1215	$oxed{oxed}$	
HTA48R						10d x 1-1/2	Single Anchor	1870	1870	1870	1870	240	470	680		
		16	1-1/4	42-1/2	9		Double Anchor	2430	2430	2430	2430	955	940	955		
HTA48-2R	HETA40-TSS2-2					10d x 1-1/2	Single Anchor	1870	1870	1870	1870	240	470	680		
						,	Double Anchor	2430	2430	2430	2430	955	940	955		

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) Allowable loads are based on anchorage to masonry/uncracked concrete.
- 3) DF Allowable Loads are identical to all SP Allowable Loads listed in the chart with the exception of the HTA single anchor installation type uplift allowable load which is limited to 1730 lbs. in both masonry and concrete.
- 4) Minimum specified masonry or concrete compressive strength, f'm is 1,500 psi and f'c is 2,500 psi at 28 days respectively.
- 5) Testing conducted and design values based on unreinforced masonry. Rebar in wall specified by others.
- 6) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.
- 7) Height (H) is the distance the anchor extends out of concrete or masonry.
- 8) Double anchor installation is permitted on 1-ply roof members when anchors are offset from each other a minimum of 3/4". Do not install anchors directly back-to-back or nails will interfere with each other.
- 9) Stainless steel ring shank nails must be used with stainless steel connectors to achieve tabulated allowable loads.
- 10) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.

Corrosion Finish Stainless Steel

Gold Coat

HDG

Triple Zinc

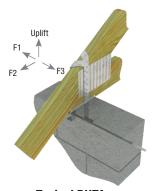
The DHTA embedded truss anchor series offer high uplift capacity with a two-strap design. The straps are attached to MiTek's NOP style plate which ensures proper placement of straps while also providing a moisture barrier between the top of the wall and the truss.

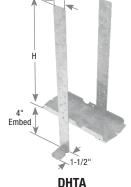
Materials: DHTAxx-18 - 18 gauge; DHTAxx - 16 gauge

Finish: G90 galvanizing

Codes: FL

- Use all specified fasteners. See Product Notes, page 18.
- Embed 4" into concrete tie beam or masonry bond beam.
- · Designer may specify alternative nailing schedules.
- · When using alternative nailing schedules, lower-most holes in strap shall be filled progressing upward towards the top of the strap.
- · Straps may be installed straight or wrapped over to achieve table loads.
- · Moisture barrier plate may be under bent during shipping causing attached straps to be misaligned. Install straps vertically at 90° from the horizontal top surface of the wall.





Typical DHTA 1-Ply installation



DHTA 1-Ply plan view (DHTA 2-Ply application similar)

			Dime	nsion (in)	Faste	ener Schedule			SP Allowa	able Loads	(Lbs.) ^{1,2,3,4}		
				H ⁸	P	er Anchor	No.	Uplift	160%	L	ateral Load	s ⁵	
MiTek USP Stock No.	Ref. No.	Steel Gauge	W	(Out of Concrete)	Min Qty. ⁶	Type ⁹	of Plies	Masonry	Concrete	F1 160%	F2 160%	F3 160%	Code Ref.
DHTA16-18		18	1-1/4	12	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1085	1140	1085	
DHTA16-18-2		18	1-1/4	12	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1085	1140	1085	
DHTA20-18		18	1-1/4	16	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1085	1140	1085	
DHTA20-18-2		18	1-1/4	16	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1085	1140	1085	
DHTA24-18		18	1-1/4	20	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1085	1140	1085	
DHTA24-18-2		18	1-1/4	20	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1085	1140	1085	
DHTA12		16	1-1/4	8	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1215	1310	1215	
DHTA12-2		16	1-1/4	8	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1215	1310	1215	FL
DHTA16		16	1-1/4	12	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1215	1310	1215	''
DHTA16-2		16	1-1/4	12	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1215	1310	1215	
DHTA20	DETAL20	16	1-1/4	16	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1215	1310	1215	
DHTA20-2		16	1-1/4	16	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1215	1310	1215	
DHTA24		16	1-1/4	20	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1215	1310	1215	
DHTA24-2		16	1-1/4	20	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430 2770	1215	1310	1215	
DHTA48		16	1-1/4	43	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430	955	940	955	
DHTA48-2		16	1-1/4	43	8	10d x 1-1/2	1 Ply 2 Ply	2430	2430	955	940	955	

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) Allowable loads are based on anchorage to masonry/uncracked concrete.
- 3) DF lumber may be substituted for SP with no load reduction.
- 4) Minimum specified masonry or concrete compressive strength, f'm is 1,500 psi and f'c is 2,500 psi at 28 days respectively.
- 5) The five nail holes nearest the embedment line must be filled to achieve the lateral loads listed in the table.
- 6) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.
- 7) Install (8) nails into each anchor for the DHTA installation.
- 8) Height (H) is the distance the anchor extends out of concrete or masonry.
- 9) NAILS: 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.

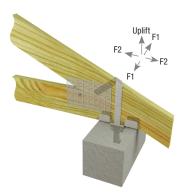
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The DTC series attaches trusses to concrete or masonry walls. Innovative seat design gives added lateral resistance while still providing a moisture barrier.

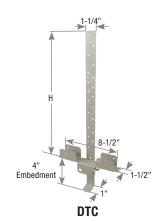
Materials: 16 gauge Finish: G90 galvanizing

Codes: FL

- Use all specified fasteners. See Product Notes, page 18.
- Embed 4" into concrete tie beam or masonry bond beam.
- Installations should be spaced no closer together than 8" center-to-center.
- Straps may be installed straight or wrapped over to achieve table loads.



Typical DTC installation



				Ş	Fastener Seat Plate		dule ⁵ russ/Rafter	Al		OF/SP Loads (Lbs.) ¹	2,3	S-P-F Allowable Loads (Lbs.) ^{1,2,3}				
			H ⁴ (in)					F1 160%					F1 160%			1
MiTek USP Stock No.	Ref. No.	Steel Gauge	(Out of Concrete)	Qty	Туре	Qty	Туре	Uplift 160%	Toward Strap	Away from Strap	F2 160%		Toward Strap	Away from Strap		Code Ref.
DTC	HETAL12, HETAL16, HETAL20	16	16	4	10d x 1-1/2	9	10d x 1-1/2	1825	840	1200	1290	1440	840	1200	1290	FL

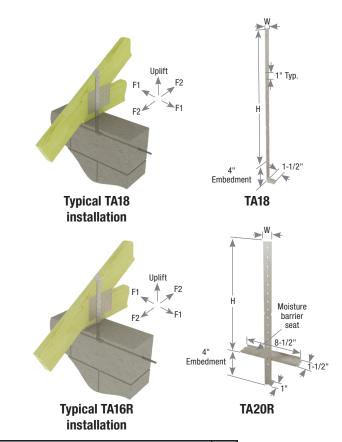
- 1) Allowable loads have been increased 60% for wind and seismic loads; no further increase shall be permitted.
- 2) Connector shall be installed to fully grouted and reinforced masonry units (CMU) type S or better mortar or reinforced concrete (f'c = 2,500 psi at 28 days).
- 3) Allowable loads require a No. 5 rebar through the shear cones of the anchors.
- 4) Height (H) is the distance the anchor extends out of concrete or masonry.
- 5) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.

TA – Anchors are rated for both uplift and lateral loads. They can be installed straight or field-bent around truss or rafter members. An embossed embedment line assures accurate embedment depth.

TAR – Riveted anchors provide a moisture barrier in addition to uplift and lateral resistance all in one product.

Materials: 14 gauge Finish: G90 galvanizing

- Use all specified fasteners. See Product Notes, page 18.
- Embed 4" into concrete tie beam or masonry bond beam.
- For double anchor installations: anchors should be installed on opposite sides of wood member and offset a minimum 3/4" from each other in bond beam or concrete tie beam. See increased design values in chart below.
- Designer may specify alternative nailing schedules. <u>Refer to Nail Specification table on page 23</u> for nail shear values, load values shall not exceed published allowable loads.
- When using alternative nailing schedules, lower-most holes in strap shall be filled progressing upward towards the top of the strap.
- Straps may be installed straight or wrapped over to achieve table loads.
- Moisture barrier will be required in installations unless another moisture remediation method is used.



			Dime	nsions (in)	F	astener			_	P				
					S	chedule	Allowable Loads (Lbs.) ^{1,2,3,4,5}							
				H ⁸	Pe	er Anchor	S	ingle Anch	or	Do				
MiTek USP	Ref.	Steel		(Out of	Min		Uplift	F1	F2	Uplift	F1	F2	Code	
Stock No. ⁶	No.	Gauge	W	Concrete)	Qty. ⁷	Type ¹¹	160% ¹⁰	160%	160%	160% ¹⁰	160%	160%	Ref.	
TA12		14	1	6-3/4	5	10d x 1-1/2	990	245	335	1980	490	670		
TA14		14	1	8-3/4	7	10d x 1-1/2	1205	245	335	2410	490	670		
TA14R		14	1	8-3/4	7	10d x 1-1/2	1205	245	335	2410	490	670		
TA16		14	1	10-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670]	
TA16R		14	1	10-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670]	
TA18		14	1	12-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670		
TA18R		14	1	12-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670]	
TA20		14	1	14-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670] [
TA20R		14	1	14-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670]	
TA22		14	1	16-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670		
TA22R		14	1	16-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670		
TA24		14	1	18-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670	1	
TA24R		14	1	18-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670]	
TA36		14	1	30-3/4	8	10d x 1-1/2	1205	245	335	2410	490	670		

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) Allowable loads are based on anchorage to masonry/uncracked concrete.
- 3) DF Allowable Loads are identical to all SP Allowable Loads listed in the chart.
- 4) Minimum specified masonry or concrete compressive strength, f'm is 1,500 psi and f'c is 2,500 psi at 28 days respectively.
- 5) Allowable loads require a No. 4 rebar through the shear cones of the anchors.
- 6) "R" after TA models indicates truss anchors with riveted moisture barrier as in TA12R.
- 7) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.
- 8) Height (H) is the distance the anchor extends out of concrete or masonry.
- 9) Double anchor installation is permitted on 1-ply roof members when anchors are offset from each other a minimum of 3/4".
 Do not install anchors directly back-to-back or nails will interfere with each other.
- 10) Allowable uplift capacity for TA models installed with (4) 10d x 1-1/2" nails is 780 lbs per anchor. Lateral loads do not apply.
- 11) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.