

TAMLYN

**STRUCTURAL
LUMBER
CONNECTORS**

**MASONRY / CONCRETE
PRODUCTS**

PEST CONTROL

25539 06-03-09 16:37
1153 *CCHC 13132-R-1

ALPHABETICAL INDEX

AA Post Base	9
AAEL Post Anchor	10
AD Anchor Down	14
AP Framing Anchor	11
BT Brick (Wall) Ties	21
CA Clip Anchor	11
CAS Clip Anchor	11
CHR Column Holddown	4
CHS Column Holddown	4
CS Coil Strap	16
DA Deck Anchor	10
DAS Deck Anchor/Stand-Off	10
DCB Continuous Rim Diamond Blades	23
DFB Universal Diamond Blades	23
DJ Hanger	6
DTH Hanger	6
DTTIE Dovetail Triangle Tie	21
EA Elevated Post Base	10
FA Framing Anchor	11
FB Fence Bracket	19
FBD Foam Board Divider™	22
GDB Deck Anchor	10
HH Hanger	7
HSS Strap Ties	15
HT Hurricane Ties	12
L Strap Ties	13
LL Angle	13
LXB Tension Bridging	17
MAS Mud sill Anchor	18
MSS Strap Ties	15
MTSC Tie Strap	16
MTW Twist Strap	16
NP/TNP Nail Plates	19
PA Post Anchor	9
PB/EPB Post Beam Cap	8
PC Post Cap	9
PC Plywood Clip	22
PCS Plywood Clip	22
PLYLOX Plylox™ Hurricane Window Clip	22
RPS Plumbing Strap	19
RT Hurricane Ties	12
RWHC Retrofit Weep Hole Cover™	20
SB Stud Brace	19
SJH Hanger	6
SJQ Hanger	6
SM Shim Mate™ Shim Holder	23
SP Safety Plate	19
SPT Stud Plate Tie	8
SPTH Stud Plate Tie	8
SPTR Stud Plate Tie	8
SS Strap Ties	15
SSL/SSR Hanger	7
SSAD Strap Anchor	13
T Strap Ties	13
TFAL Framing Anchor	11
TMA Mud sill Anchor	18
TMAB Mud sill Anchors	18
TH Hanger	6
TS Truss Spacer	17
TSTP Hanger	7
VA Veneer Anchor	21
VATIE Triangle Tie	21
WAH Tension Tie	14
WB Wall Bracing	17
WBA Wall Bracing	17
WBT Wall Bracing	17
WHC New Const. Weep Hole Cover™	20

CATEGORY INDEX

CONCRETE FOUNDATION	
Anchor Downs	14
Mudsill Anchors	18
Strap Anchors	13
Tension Ties	14
DIAMOND BLADES	
Continuous Rim Diamond Blades	23
Fiber Cement Diamond Blades	23
FRAMING	
Anchor Downs	14
Angles	13
Clip Anchors	11
Coil Straps	16
Deck Anchors	10
Fence Brackets	19
Framing Anchors	11
Header Hangers	7
Hurricane Ties	12
Joist Hangers	6
Mudsill Anchors	18
Nail Plates	19
Plumbing Straps	19
Plywood Clip	22
Post Anchors	9/10
Post Base	9
Post Beam Caps	8
Post Caps	9
Safety Plates	19
Shim Mate™ Shim Holder	23
Strap Anchors	13
Strap Ties	13/15
Stud Braces	19
Tension Bridging	17
Tension Ties	14
Truss Spacer	17
Wall Bracing	17
HURRICANE / SEISMIC RESISTANT	
Anchor Downs	14
Clip Anchors	11
Coil Straps	16
Column Holddown System	4-5
Framing Anchors	11
Hurricane Ties	12
Plylox™ Hurricane Window Clip	22
Strap Anchors	13
Strap Ties	15
Stud Plate Ties	8
Tension Ties	14
Tension Bridging	17
Tie Straps	16
Truss Spacer	17
Twist Straps	16
Wall Bracing	17
MASONRY	
Brick (Wall) Ties	21
Dovetail Triangle Ties	21
New Construction Weep Hole Cover™	20
Retrofit Weep Hole Cover™	20
Triangle Ties	21
Veneer Anchors	21
PEST CONTROL	
New Construction Weep Hole Cover™	20
Retrofit Weep Hole Cover™	20

REFERENCE GUIDE

The reference numbers in this catalog are for general application comparison only and should not be used as a substitution tool. The user is responsible to compare specific load values, fastener schedules, material specifications, and other factors to determine suitability of use for any particular product.

A Angle	13
A Framing Anchor	11
AB Post Base	9
ABU Post Anchor	10
AC Post Beam Cap	8
ACE Post Beam Cap	8
APS Deck Anchor/Stand-Off	10
BC Deck Anchor	10
BC Post Cap	9
BT Brick (Wall) Ties	21
CS Coil Strap	16
CWB Wall Bracing	17
EPB Elevated Post Base	10
FB Fence Bracket	19
H Hurricane Ties	12
HD Anchor Down	14
HH Hanger	7
HTT Tension Tie	14
L Clip Anchor	11
L Strap Tie	13
LS Clip Anchor	11
LSTA Strap Ties	15
LTP Framing Anchor	11
LTB Tension Bridging	17
LTS Hurricane Ties	12
LU Hanger	6
LUS Hanger	6-7
MAB Mud sill Anchors	18
MAS Mud sill Anchor	18
MSTA Strap Ties	15
MSTC Tie Strap	16
MTS Twist Strap	16
NS Safety Plate	19
PB Post Anchor	9
PSCL Plywood Clip	22
RSP Stud Plate Tie	8
SP Stud Plate Tie	8
SPH Stud Plate Tie	8
SS Stud Brace	19
ST Strap Tie	15
STHD Strap Anchor	13
SUL/SUR Hanger	7
T Strap Ties	13
THA Hanger	6
TP Nail Plates	19
TSF Truss Spacer	17
TWB Wall Bracing	17
WB Wall Bracing	17

CORPORATE HEADQUARTERS / PLANT

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 USA Toll Free **800-334-1676**
 Phone **281-499-9604**
 Fax **281-499-8948**
www.tamlyn.com
www.xtremetrim.com
www.colorplusflashing.com

WEST COAST SALES OFFICE

10940 Petal Street, Dallas, Texas 75238
 USA Toll Free **888-416-9676**
 Phone **214-348-9676**
 Fax **214-348-0976**

COMPANY HISTORY

TAMLYN was established in May 1971 by Ron Tamlyn, Sr. with \$800 borrowed money and help from his wife, Jean, in a small shack in the back yard of their modest home in Bellaire, Texas. We remain family-owned to this day. Our history is one of quality, innovation, and proven performance. We are proud to represent the manufacturing end of the building products industry, and remain a competitive manufacturer committed to making products in America, giving customers a choice and not putting all their eggs in an uncertain import basket. An overwhelming majority of our products are still made in the USA. WE believe it matters in helping America keep control of it's destiny

TAMLYN is very industry-involved. We aggressively support our distributors and dealers with advertising programs in print, radio and television, and internet

TAMLYN MISSION STATEMENT

To become a world-class supplier of quality building products. We will help build the dream of better homes, continually innovating, while honoring our heritage as a family business that values all employees, making Tamlyn a rewarding place to work. We will promote positive, lasting relationships with customers, providing excellent products at fair prices with superior service. We commit to be good stewards of our resources to leave Tamlyn in a stronger position for the next generation, passing these values on and bringing glory to God in all we do.

LIMITED WARRANTY

TAMLYN warrants defective-free products for a period of 10 years for the original purchaser. TAMLYN products are further warranted as to adequacy of design, provided products are properly specified and installed. This warranty does not apply in the event products are altered in any way or are improperly installed. Liability is limited to replacement of products proven to be defective. TAMLYN has made no other warranty, express or implied, regarding its products, including but not limited to, any warranty regarding merchantability or fitness for a specific purpose. Any claim that a product is defective must be brought within 1 month of the date of installation of such products to the original purchaser. Customer hereby agrees that no other incidental or consequential damages are the responsibility of TAMLYN.

Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each Tamlyn product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection there within.

CORROSION RESISTANCE

TAMLYN offers the following coatings for products which require extra corrosion resistance. Deterioration will occur more quickly when hangers and straps are exposed to corrosive environments. Products are available in the standard hot dip galvanized G90 material. If you require additional protection, please contact **TAMLYN** for pricing and availability on these processes.

HOT DIP GALVANIZING: Many products are available with a hot dip galvanized coating after fabrication. The actual thickness will vary with the material thickness of the part. This process provides the needed extra protection for adverse weather conditions.

STAINLESS STEEL: The best protection from adverse conditions is found in the use of stainless steel for manufacture. Type 316 stainless steel is used. It is recommended that stainless steel fasteners be used in conjunction with these specially manufactured hardware items.

TRIPLE ZINC (G-185): 1.85 ounces of zinc per square foot of surface area meets the requirements of ASTM A 653. For minimum corrosion protection use Triple Zinc G-185 products.

PLEASE NOTE

TAMLYN reserves the right to change designs, specifications and product availability without notice or liability for such changes. Samples of our products are available upon request at no charge.

ENGINEERS AND ARCHITECTS GUIDE

INSTALLATION NOTES FOR PROPER USE OF TAMLYN PRODUCTS

1. Use proper safety equipment during connector installation.
2. Dimensions are in inches and loads are in pounds unless specifically noted otherwise.
3. Load values of 8d and 10d nails refer to common wire nails unless otherwise noted. Do not overdrive nails which can reduce allowable loads.
4. The type and quantity of fasteners used to install **TAMLYN** Products are critical to connector performance. All specified fasteners shall be properly installed if deemed necessary by the engineer.
5. Wood members with which the connectors are used must be nominal dimension lumber or approved composite lumber. For wood members with fire retardant or preservative treated wood, refer to IBC section 2304.9.4, IRC section R319.3 and NDS section 2.3.4 . Wood members with moisture content of 19% or more shall be designed with wet service factor as provided for in NDS
6. Unless otherwise permitted, **TAMLYN** products shall not be bent or cut in the field to facilitate installation. Field alterations can weaken steel and cause premature connector failure at less than allowable loads.
7. Fastener can cause wood to split and reduce load capacity. 2001 NDS section 11.1.5.3 allows predrilled holes not exceeding 75% of the nail diameter.
8. It is permissible to use nail guns to install specified nails through pre-punched holes. Fill all specified holes. **TAMLYN** recommends the use of nail guns with hole locating mechanisms. Always follow nail gun manufacturer's safety guidelines.
9. Always follow tool manufacturer's instructions for safety when installing all fasteners. Pneumatic or Powder actuated fasteners can deflect and injure the operator or others.
10. Joists installed in hangers shall bear fully on the connector seat and shall fit against the header with a gap not exceeding 1/8".
11. Multiple ply members shall be fastened securely to act as one unit. This is the responsibility of the Engineer or Architect of Record. Provide plywood fillers where required to prevent fastener bending.
12. Top mount hangers shall be installed with the face of the hanger tight to the face of the header.
13. Verify that the size of the supporting member can accommodate the connector's specified fasteners.
14. Some hardened fasteners may fail prematurely if exposed to moisture. Use fasteners in dry interior conditions.
15. For all the connectors covered by ICC-ES report# ESR 1347, 10d x 1-1/2" nails can be substituted for 10d x 3" nails. Section 3.8.3 of the report allows the use of both 1-1/2" and 3" nails because the shear capacity of both the nails is the same.

IDENTIFICATION: "TAMLYN" stencil-stamped and/or labeled with permanent marker or labels on structural products identifies **TAMLYN** as the manufacturer of that product. Inspectors demand the following stencil-identification on all code-listed products: Manufacturer ID (e.g., **TAMLYN**)/product model ID (e.g., RT2A)/code group ID (e.g., ICC-ES)/compliance # (e.g., ESR-1347). If a company only imprints the company name and product ID, there is no assurance the product have been tested and manufactured in compliance with code regulations.

NOTE: The structural lumber connectors listed in this catalog are manufactured by **TAMLYN**, also lists additional structural lumber connectors which are manufactured by **KC Metal Products, Inc.**

Structural Engineering Firm of record for **TAMLYN** Lenard Gabert and Associates, Inc.; L.M. Gabert, P.E.

CODE EVALUATION

Florida Statewide Product Approvals FL #8283
ICC-ES Evaluation Report No. ESR-1347
Texas Department of Insurance. TDI # FA-6

COLUMN HOLDOWN FOR ROUND AND SQUARE COLUMNS



COLUMN HOLDOWN

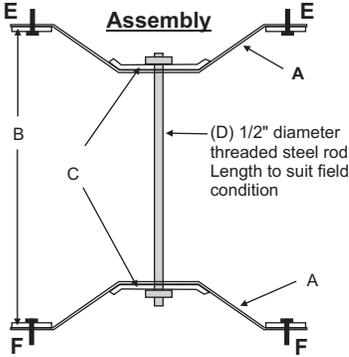
US Patent #6,973,755

DESIGN FEATURES: CHR and CHS are designed to resist uplift loads at roof overhangs and/or floor loads and transfer them to concrete foundations thru 1/2" diameter threaded steel rod acting as a tension transfer device.

MATERIAL:

- Aluminum Plate $t = 0.059"$ - 5052-0 Alloy
- Structural Ring Plate $t = 0.120"$ - A 653 grade 50
- Conforming Washer $t = 0.120"$
- 1/2" Steel Rod - A36 & A588

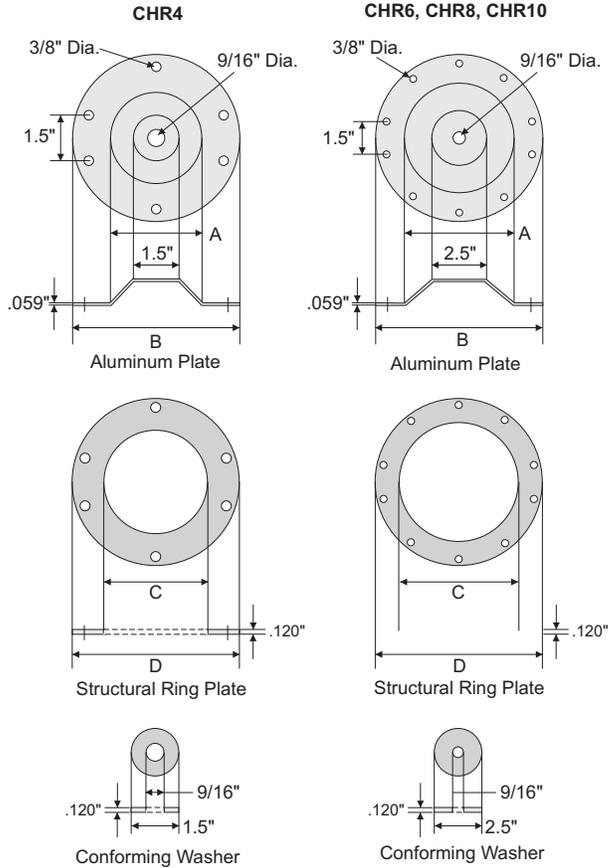
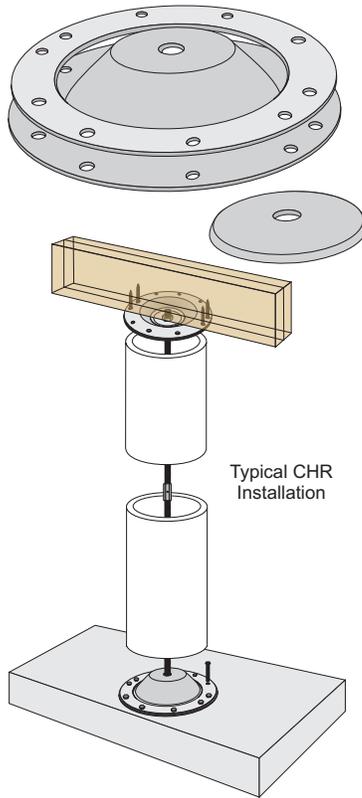
- (E) SDS 1/4" X 3" Wood screws by KC Metals or equivalent for Assembly 1
- (F) 1/4" ϕ Tapcon Concrete anchor, 1-3/4" Concrete embedment



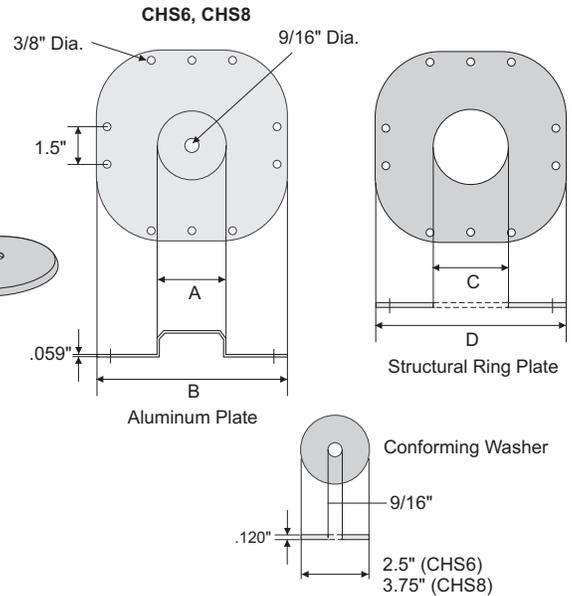
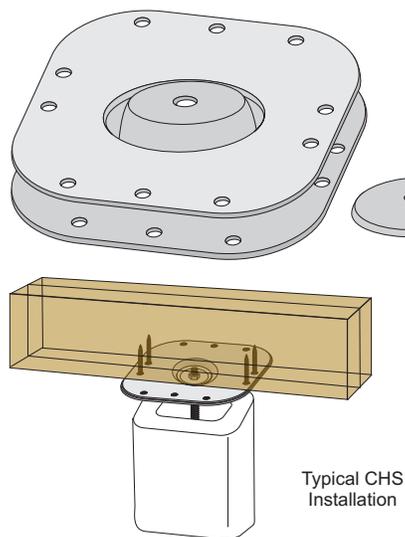
STRUCTURAL NOTE:

1. 4", 6", 8" and 10" diameter Column Holdowns are used to resist uplift loads at roof overhangs and transfer them to concrete foundations thru a 1/2" diameter threaded steel rod acting as a tension transfer device.
2. For Assembly # 1 the uplift capacity of 4" diameter column holdown is 3750 lbs, of 6" diameter is 3130 lbs, of 8" diameter is 2310 lbs and of 10" diameter column head is 1730 lbs. This capacity is based on tested loads at failure divided by a factor of safety of two. Refer to test reports by PSI Inc. Houston, Texas.
3. For assembly # 2, uplift capacity of all sizes 4", 6", 8" and 10" diameter column holdown is 3750 lbs with 1/2" diameter A36 steel rod and 4530 lbs with A588 steel rod. For this assembly, tension capacity of 1/2" rod controls the design and not the tested failure loads divided by two. Refer to test reports by PSI Inc. Houston, Texas.
4. Based on tests per ASTM A 370 conducted by PSI inc. Houston, tensile and yield strengths of steel plate designated "B" are 60,100 psi and 48700 psi respectively. ASTM a 653 grade 50 steel conforms to these strengths. Aluminum plate designated "A" conforms to Aluminum Alloy 5052-0.
5. 1/2" diameter steel threaded rod shall conform to ASTM A 36 for Assembly # 1 and to A36 or A588 for assembly # 2
6. Provide Steel Washer Plate designated "C" at each end of the rod. Steel rod shall be sufficiently tightened to transfer load from top to bottom.
7. The upper Aluminum plate "A" and Steel Ring plate "B" are anchored to wood framed structural members of the roof overhang with SDS 1/4" diameter X 3" wood screws for Assembly # 1. For Assembly #2, provide 2 1/2" X 2 1/2" X 1/4" steel washers at the top of wood joists.
8. For both assemblies, provide 1/4" diameter machine bolts "D" thru unused holes to connect Aluminum plate A to Ring plate B
9. The lower Aluminum Plate "A" and Steel ring plate "B" are anchored to concrete foundations at all holes with 1/4" diameter Tapcon concrete anchors with 1 3/4" concrete embedment into min. 3000 psi concrete.
10. Proprietary Precast Columns wrapping the the aluminum and steel plates are used to resist gravity loads.
11. Engineer of Record shall design the roof overhangs and concrete foundations.

CHR Series for Round Columns



CHS Series for Square Columns



ITEM ID	COLUMN SIZE	ALUMINUM PLATE							ALLOWABLE LOADS (LBS)		
		A	B	THKS	C	D	THKS	ASSEMBLY #1	ASSEMBLY #2		
									A36 1/2" ϕ ROD	A588 1/2" ϕ ROD	
CHR4	4"	3"	5.5"	.059"	3.25"	5.25"	.120"	3750	3750	4530	
CHR6	6"	5"	7.625"	.059"	5.25"	7.375"	.120"	3130	3750	4530	
CHR8	8"	6.625"	9"	.059"	6.75"	9"	.120"	2310	3750	4530	
CHR10	10"	8"	11.5"	.059"	9"	11.25"	.120"	1730	3750	4530	
CHS6	6"	2.75"	7.5"	.059"	3"	7.5"	.120"	3130	3750	4530	
CHS8	8"	4"	9"	.059"	4.25"	9"	.120"	2310	3750	4530	

COLUMN HOLDOWN SYSTEM

INSTALLATION INSTRUCTION:

1. Cut column to desired finished length minus 1/4" for plate thickness, then insert cap and base onto the column shaft.
2. Feed the threaded rod through the column shaft. Insert the threaded rod to the center hole of the bottom plate and secure with hex nut.
3. Insert other end of the threaded rod to the center hole of the top plate and secure with hex nut.
4. Cut both end of excess threaded rod for flush fit with the plate.
5. Slide the column into its final position and mount plates to the concrete slab and the roof structure. See structural note on page 20.
6. Secure cap and base.

ASSEMBLY 1

- 2 sets of column holdown (top and bottom)
- 3 pieces of 48" x 1/2" threaded steel rod
- 2 coupling nuts
- 1 2" x 2" square plate washer with 9/16" hole
- 2 hex nuts

ASSEMBLY 2

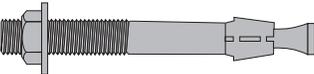
- 2 sets of column holdown (top and bottom)
- 3 pieces of 48" x 1/2" threaded steel rod
- 2 coupling nuts
- 1 2-1/2" x 2-1/2" x 1/4" square plate washer with 9/16" hole
- 3 hex nuts

RECOMMENDED FASTENERS

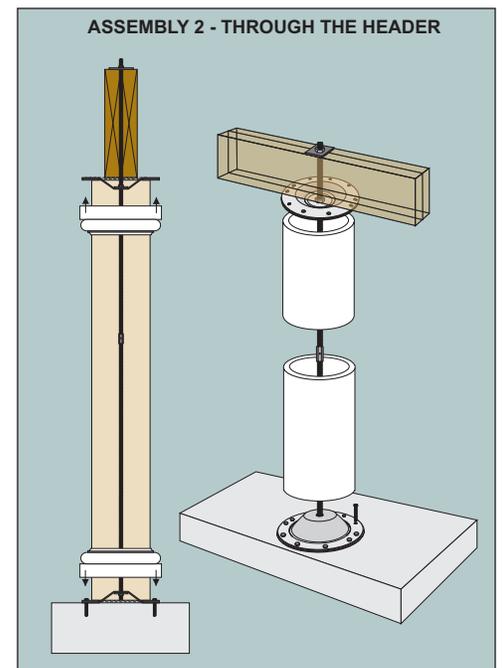
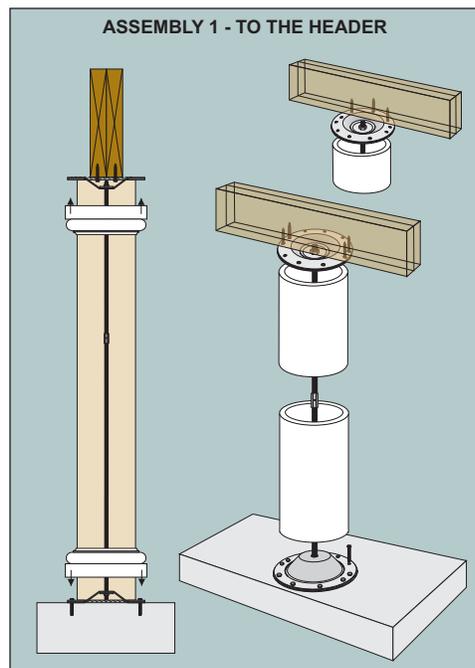
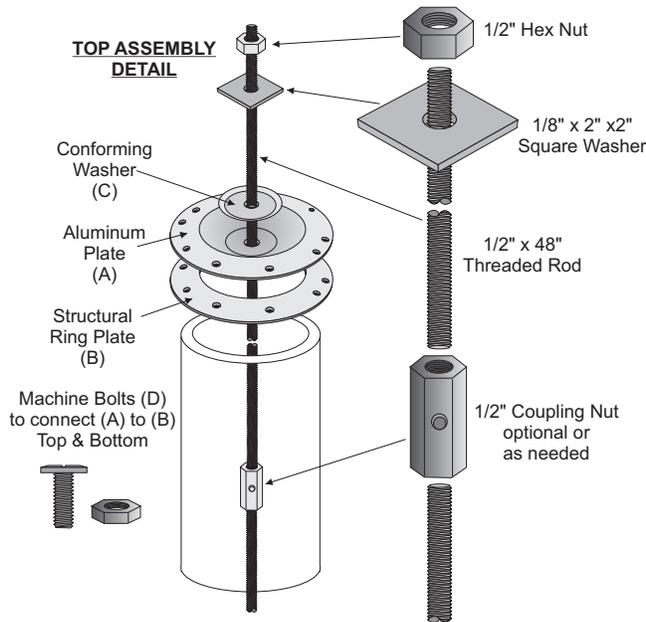
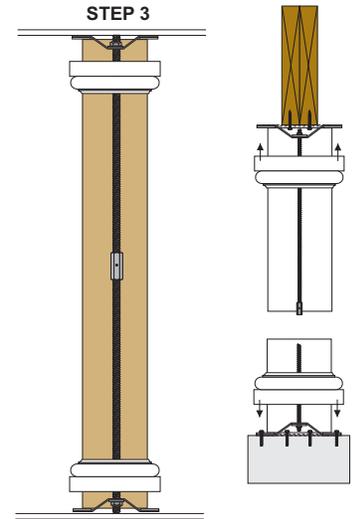
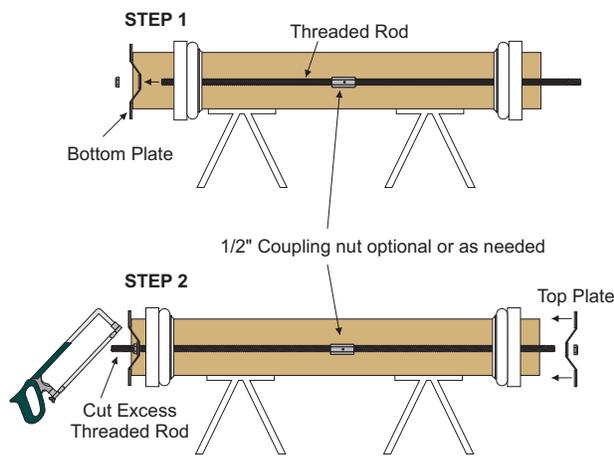
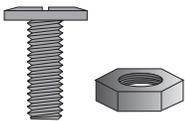
1/4" X 3" Wood screws



1/4" Tapcon concrete anchor



Machine Bolts



SINGLE JOIST HANGERS

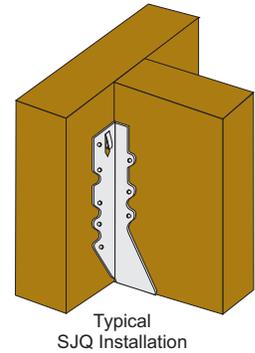
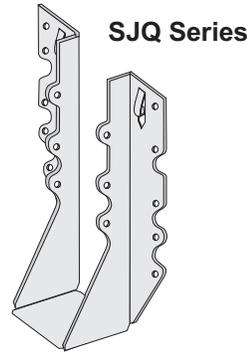
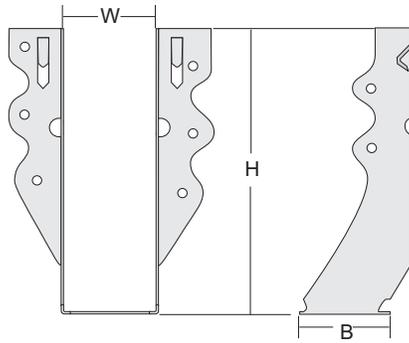
DESIGN FEATURES: TAMLYN custom-die designed and manufactured for quick installation and maximum load value.

MATERIAL: 20ga. galvanized steel.
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

CODES: FL Approval #8283, ICC ESR-1347

NOTES:

1. Nails are 10d by 1-1/2 inch joist hanger nails.
2. Allowable loads are for hangers nailed into wood or structural composite lumber having an effective specific gravity of 0.55 (such as Southern Pine) or greater.
3. Allowable uplift loads have been adjusted by a load duration factor C_D , of 1.6 (160%), corresponding to the typical duration of wind and earthquake loads.
4. Allowable gravity (bearing) loads have been adjusted by load duration factors, C_D , OF 1.0 (100%), 1.15 (115%), and 1.25 (125%), corresponding to the typical durations of occupancy live loads, snow loads and construction loads, respectively.
5. Tabulated loads are without 33% steel stress increase.



Typical SJQ Installation

ITEM ID	REF.	JOIST SIZE	DIMENSIONS (INCHES)			NAIL SCHEDULE ¹		ALLOWABLE LOADS - SYP ² (LBS)			
			H	W	B	Joist	Header	Uplift ³ 160%	Gravity ⁴ 100%	Gravity ⁴ 115%	Gravity ⁴ 125%
SJQ24	LU24	2x4	3-1/8	1-5/8	1-1/2	2	4	394	492	566	615
SJQ26	LU26	2x6, 8	4-3/4	1-5/8	1-1/2	4	6	787	738	849	923
SJQ28	LU28	2x8, 10	7	1-5/8	1-1/2	6	8	1181	984	1132	1230
SJQ210	LU210	2x10,12,14	7-7/8	1-5/8	1-1/2	6	10	1181	1230	1415	1538

DOUBLE, TRIPLE, QUAD, CUSTOM JOIST HANGERS AND TRUSS HANGERS

DESIGN FEATURES: TAMLYN custom-die designed and manufactured for quick installation and maximum load value.

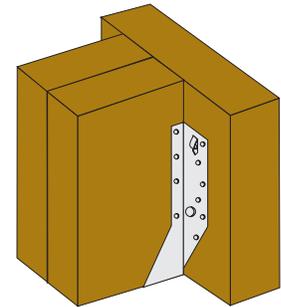
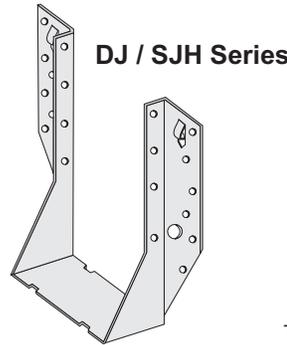
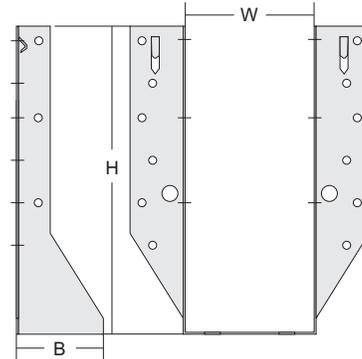
TH/DTH Series: 5" truss or joist nailing support gives you versatility by allowing usage of small joist heights. Custom sizes (such as 22" and 24" heights) are available based upon your specifications. Extra long straps bend to meet more hanger applications. No bolts required.

MATERIAL: 18ga. galvanized steel.
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

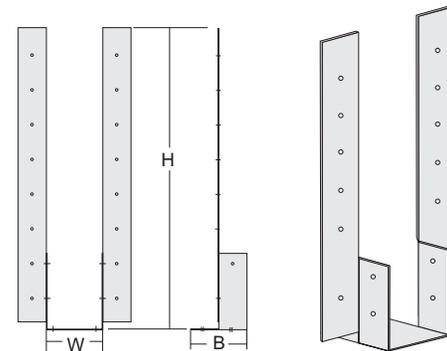
CODES: FL Approval #8283, ICC ESR-1347

NOTES:

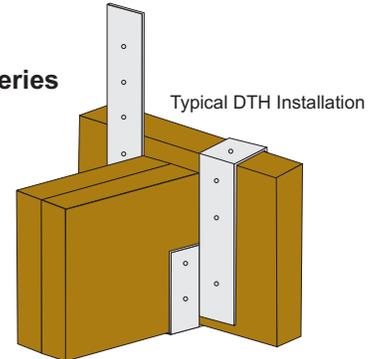
1. Nails are 10d by 1-1/2 inch joist hanger nails.
2. Allowable loads are for hangers nailed into wood or structural composite lumber having an effective specific gravity of 0.55 (such as Southern Pine) or greater.
3. Allowable uplift loads have been adjusted by a load duration factor C_D , of 1.6 (160%), corresponding to the typical duration of wind and earthquake loads.
4. Allowable gravity (bearing) loads have been adjusted by load duration factors, C_D , OF 1.0 (100%), 1.15 (115%), and 1.25 (125%), corresponding to the typical durations of occupancy live loads, snow loads and construction loads, respectively.
5. Tabulated loads are without 33% steel stress increase.



Typical DJ/SJH Installation



DTH / TH Series



Typical DTH Installation

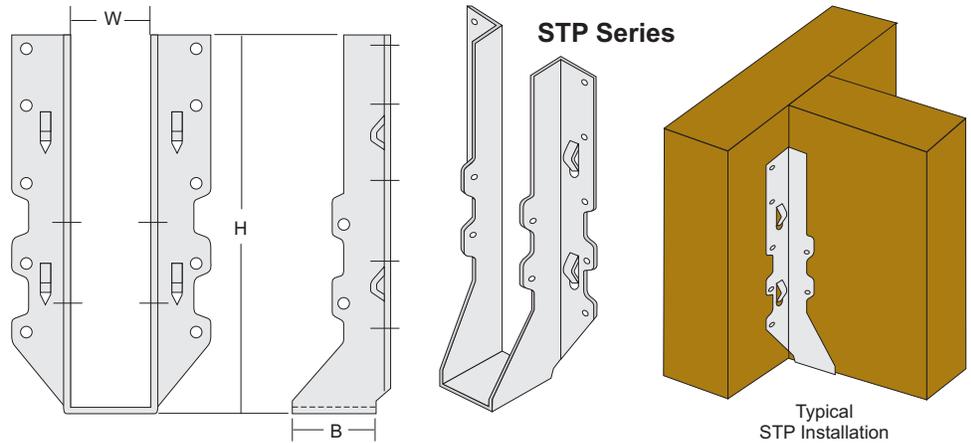
ITEM ID	REF.	JOIST SIZE	DIMENSIONS (INCHES)			NAIL SCHEDULE ¹		ALLOWABLE LOADS - SYP ² (LBS)			
			H	W	B	Joist	Header	Uplift ³ 160%	Gravity ⁴ 100%	Gravity ⁴ 115%	Gravity ⁴ 125%
DJ46	LUS26-2	(2)2x6, 8	5-1/2	3-1/8	2	4	8	794	992	1100	1100
DJ48	LUS28-2	(2)2x8, 10	7-1/4	3-1/8	2	6	12	1190	1488	1711	1860
DJ410	LUS210-2	(2)2x10,12,14	8-1/2	3-1/8	2	8	14	1587	1736	1996	2170
SJH3127		4x8	7	3-1/2	2	6	12	1190	1488	1711	1860
SJH312838	LUS410	4x10	8-3/8	3-1/2	2	8	14	1587	1736	1996	2170
SJH412734	LUS210-3	(3)2x10,12,14	7-3/4	4-1/2	2	8	14	1587	1736	1996	2000
SJH68	U410	(4)2x10,12,14	10	6	3-1/2	4	6	794	744	856	930
TH18	THA218	2x6	18-3/4	1-5/8	3-1/2	8	14	1221	1736	1996	2000
DTH18	THA418	(2) 2x6	18-3/4	3-1/2	3-1/2	8	16	1221	1984	2282	2333

TRUSS PLATED HANGERS

DESIGN FEATURES: Provide proper balance between load-carrying capacity of hanger and the truss it supports.

MATERIAL: 18ga. galvanized steel. Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

LOADS: Seat dimension (see table) provides solid larger seat-bearing area. New higher loads possible with only common nails.



ITEM ID	REF.	JOIST	DIMENSIONS (INCHES)			NAIL SCHEDULE		ALLOWABLE LOADS		
			B	W	H	Header	Joist	Uplift	Normal	Max
TSTP24	LUS24	2 x 4	1-3/4	1-9/16	3-1/8	4-16d	2-10dx1-1/2	250	535	670
TSTP26	LUS26	2 x 6, 8	1-3/4	1-9/16	4-3/4	6-16d	4-10dx1-1/2	495	790	990
TSTP28	LUS28	2 x 8, 10	1-3/4	1-9/16	6-5/8	8-16d	4-10dx1-1/2	740	1055	1320
TSTP210	LUS210	2 x 10, 12, 14	1-3/4	1-9/16	7-13/16	10-16d	4-10dx1-12	740	1320	1415

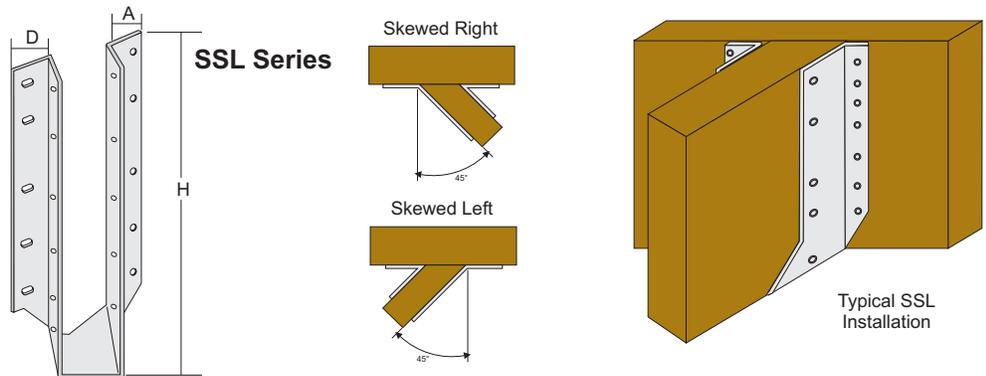
STANDARD SKEWED HANGERS

DESIGN FEATURES: Standard skewed hangers are offered to promote further standardization and construction economies.

MATERIAL: SSL/SSR - 16ga. galvanized steel

CODES: ICC ES-2929

LOADS: Larger seat-bearing and designed direct nailing provide proper installation of all nails into joist hangers.



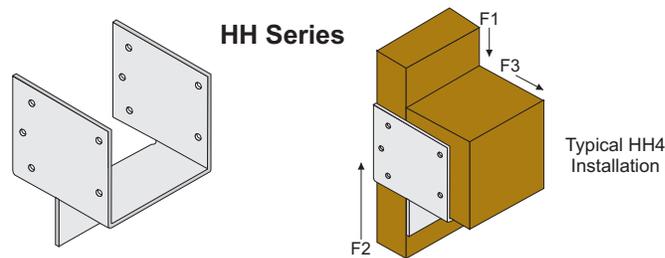
ITEM ID	REF.	JOIST	DIMENSIONS (INCHES)				NAIL SCHEDULE		ALLOWABLE LOADS		
			A	D	W	H	Header	Joist	Uplift	Normal	Max
SSL/SSR24	SUL/SUR24	2x4	1-1/8	1-3/8	1-9/16	3-1/8	4-16d	4-10dx1-1/2	505	540	675
SSL/SSR26	SUL/SUR26	2x6,10	1-1/8	1-3/8	1-9/16	5	6-16d	6-10dx1-1/2	760	810	1015
SSL/SSR210	SUL/SUR210	2x10,14	1-1/8	1-3/8	1-9/16	8-1/8	10-16d	10-10dx1-1/2	1265	1350	1690
SSL/SSR214	SUL/SUR214	2x14,16	1-1/8	1-3/8	1-9/16	10	12-16d	12-10dx1-1/2	1520	1620	2025

HEADER HANGERS

DESIGN FEATURES: Offers greater economy in installing door and window headers with faster, more accurate installation that strengthens the frame and eliminates toe-nailing and the need for cripples. HH hangers can also be used for other cross-member detail applications.

CODES: ICC ER-2894

MATERIAL: 18 ga. galvanized steel



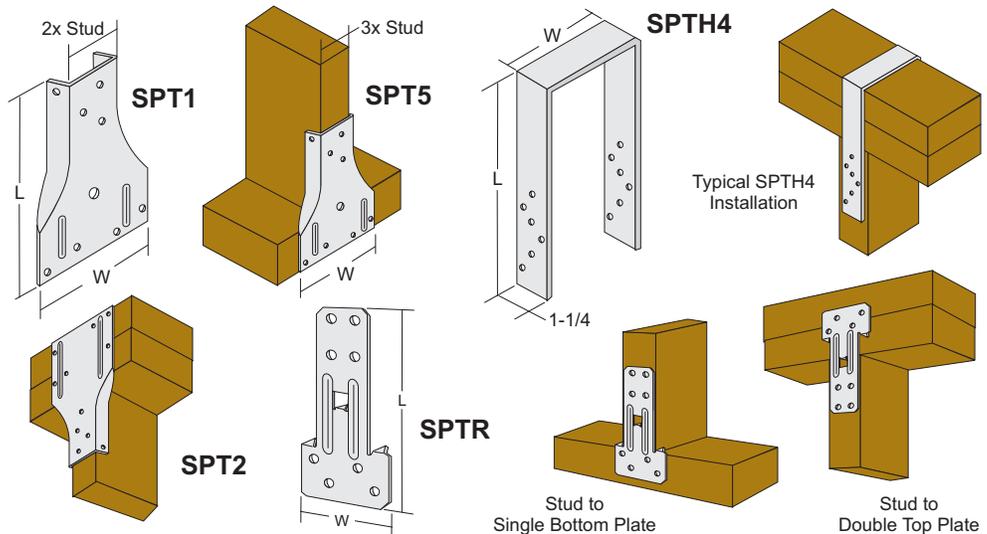
ITEM ID	REF.	DIM W (INCHES)	NAIL SCHEDULE		ALLOWABLE LOADS		
			STUD MULLION	HEADER	F1	F2	F3
HH4	HH4	3-9/16	10-16d	4-16d	1205	535	535
HH6	HH6	5-1/2	12-16d	6-16d	1605	805	805

STUD PLATE TIES

DESIGN FEATURES: SPTs are used for wind resistance or seismic conditions. The Stud Plate Ties fasten the bottom plate or the top plate (double plate) to the studs.

MATERIAL: SPTH 18 ga. galvanized steel. All other parts 20 ga. galvanized steel

INSTALLATION: Use all specified fasteners. Nails must be installed into the plate before the stud. SPT4, SPT6 and SPT8 wrap completely around the double top plates. SPTR (stud Plate Tie Reversible) has locating lines which aid in placement on single bottom plate or double top plate conditions.



ITEM ID	REF.	DIMENSIONS (INCHES)		NAIL SCHEDULE		ALLOWABLE LOADS
		W	L	STUD	PLATE	UPLIFT (133%)
SPT1	SP1	1-9/16	5-1/16	6-10d	4-10d	595
SPT2	SP2	1-9/16	6-5/8	6-10d	6-10d	895
SPT3	SP3	2-9/16	6-5/8	6-10d	6-10d	895
SPT4	SP4	3-9/16	7-1/16	6-10d x 1-1/2	--	735
SPT5	SP5	2-9/16	5-1/16	6-10d	4-10d	595
SPT6	SP6	5-9/16	7-3/4	6-10d x 1-1/2	--	735
SPT8	SP8	7-5/16	8-5/16	6-10d x 1-1/2	--	735
SPTH4	SPH4	3-9/16	8-3/4	10-10d x 1-1/2	--	1240
				12-10d x 1-1/2	--	1365
SPTH6	SPH6	5-9/16	9-1/4	10-10d x 1-1/2	--	1240
				12-10d x 1-1/2	--	1365
SPTH8	SPH8	7-5/16	8-3/8	10-10d x 1-1/2	--	1240
				12-10d x 1-1/2	--	1365
SPTR(1)	RSP4(1)	2-1/8	4-1/2	4-8d x 1-1/2	4-8d x 1-1/2	325
SPTR(2)	RSP4(2)	2-1/8	4-1/2	4-8d x 1-1/2	4-8d x 1-1/2	455

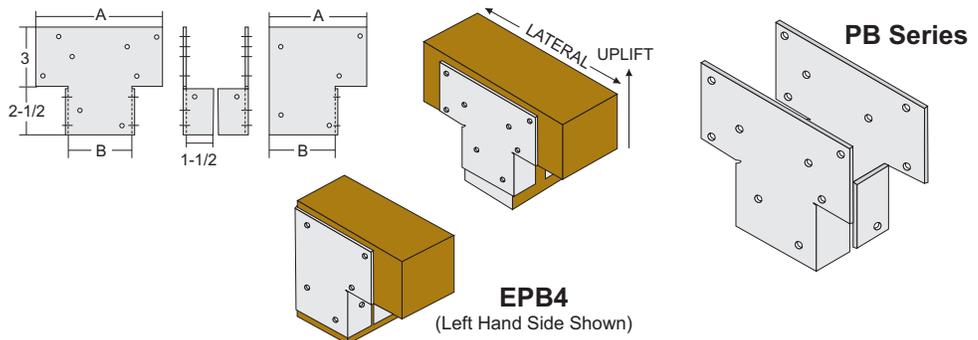
POST BEAM CAPS

DESIGN FEATURES: Offer complete installation flexibility before, during or after beams are erected.. all corners are enclosed for added structural strength and a clean, neat appearance. EPB .. end post beam cap can be specified as EPB4, EPB6, etc. PB post beam caps should be used in pairs (see illustration). Post beam caps are also available on special order for rough beam sizes.

MATERIAL: 18 ga. galvanized steel.
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

CODES: ICC ER-2894

LOAD: Nail hole pattern and location are staggered and sized for 16d nails which provides UBC safe load uplift and horizontal resistance as a beam splice plate. See Column and Post" UBC, #2507.



ITEM ID	REF.	POST SIZE	DIMENSIONS (INCHES)		NAIL SCHEDULE	ALLOWABLE LOADS	
			A	B		Uplift	Lateral
PB4	AC4	4 x -	6-1/2	3-9/16	10-16d	1080	720
PB6	AC6	6 x -	8-1/2	5-1/2	10-16d	1080	720
PB4R	AC4R	4 x Rough	7	4	10-16d	1080	720
PB6R	AC6R	6 x Rough	9	6	10-16d	1080	720
EPB4	ACE4	End 4 x -	5	3-9/16	7-16d	810	720
EPB6	ACE6	End 6 x -	7	5-1/2	7-16d	810	720

POST CAPS, POST ANCHORS AND POST BASE

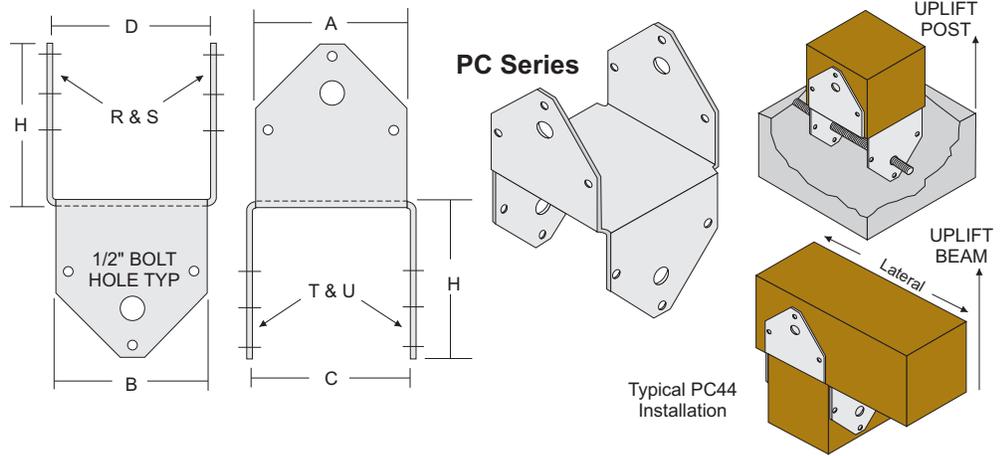


POST CAPS

DESIGN FEATURES: Clean, new 1-piece design looks better, has no spot welds to break loose ... have dual purpose application as post caps and post base. 1/2" bolt holes are provided for heavy-duty post beam requirements or for reinforcing bar when set in concrete. Post caps are also available on special order for rough beam sizes.

MATERIAL: 18 ga. galvanized steel.
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

CODES: ICC ER-2894



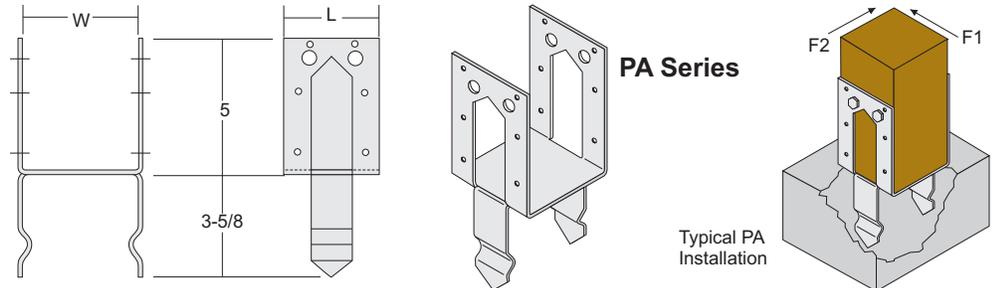
ITEM ID	REF.	POST SIZE	DIMENSIONS (INCHES)					NAIL SCHEDULE		ALLOWABLE LOADS	
			A	B	C	D	H	R & S	T & U	Uplift	Lateral
PC44	BC4	4 x 4	3-1/4	3-1/4	3-9/16	3-9/16	3	6-16d	6-16d	980	1005
PC46	BC46	4 x 6	5-1/4	5-1/4	5-1/2	3-9/16	3-1/8	6-16d	10-16d	980	1005
PC66	BC6	6 x 6	5-3/8	5-3/8	5-1/2	5-1/2	3-3/4	10-16d	10-16d	1340	1675
PC88	BC8	8 x 8	7	7	7-1/2	7-1/2	4	12-16d	12-16d	1965	2010

POST ANCHORS

DESIGN FEATURES: When placed into wet concrete (after screeding), these post base anchors provide both lateral and uplift resistance - they will not pull out due to offset legs. Pointed ends provide for fast, easy setting and alignment. They also eliminate the need for bolts or other inserts. The seat is flush-mounted to the concrete. The post anchors are also available in rough post sizes.

MATERIAL: 12 ga. galvanized steel
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

CODES: ICC ER-2894



ITEM ID	REF.	POST SIZE	DIMENSIONS (INCHES)		NAIL SCHEDULE	BOLT SCHEDULE	ALLOWABLE LOADS (133%)			
			W	L			12-16d NAILS		2-1/2 MB	
							UPLIFT	F1	F2	UPLIFT
PA44	PB44	4 x 4	3-9/16	3	12-16d	2-1/2 x 4-1/2 MB	2300	1725	2240	3625
PA46	PB46	4 x 6	5-1/2	3	12-16d	2-1/2 x 6-1/2 MB	2300	1725	2240	3625
PA66	PB66	6 x 6	5-1/2	5	12-16d	2-1/2 x 6-1/2 MB	2300	1725	2240	3625

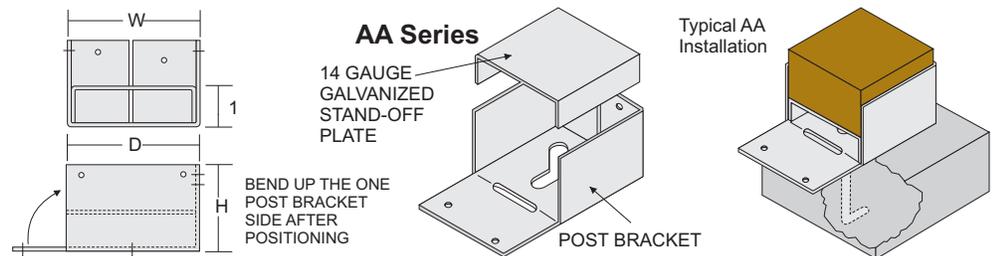
POST BASE

DESIGN FEATURES: Provide fully-adjustable post base plus moisture and sanitary protection - also used for new construction or remodeling applications where damp rot is a problem. Bending slot provides greater ease of installation. For an easy adjustment to a previously set 1/2" concrete fastener (or bolt and cement insert), use the slotted hole. Also available in rough post sizes.

MATERIAL: 18 ga. and 16 ga. galvanized steel with a 14 ga. galvanized stand-off plate.
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

CODES: ICC ER-2894

SPECIAL: Stand-off plate provides flat-end bearing area for posts and keeps the post end 1-3/16" above the surface moisture.



ITEM ID	REF.	POST SIZE	DIMENSIONS (INCHES)			NAIL SCHEDULE	ALLOWABLE LOADS (LBS)		
			D	W	H		UPLIFT	LATERAL	DOWN
AA44	AB44	4 x 4	3-9/16	3-9/16	2-7/8	8-10d	1195	590	4165
AA46	AB46	4 x 6	5-1/2	3-9/16	2-7/8	10-10d	1505	755	6165
AA66	AB66	6 x 6	5-1/2	5-1/2	2-7/8	12-10d	1810	905	11665
AA44R	AB44R	Rough 4 x 4	4	4	2-7/8	8-10d	1195	590	4165
AA46R	AB46	Rough 4 x 6	6	4	2-7/8	10-10d	1505	755	6165
AA66R	AB66R	Rough 6 x 6	6	6	2-7/8	12-10d	1810	905	11665

POST ANCHORS AND DECK ANCHORS



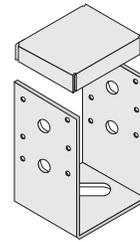
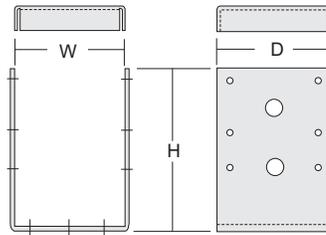
ADJUSTABLE ANCHORS

DESIGN FEATURES: The AAE44L provides higher uplift capacity because of extended sides with extra bolts and nailing schedules. The AAEL anchors are also available in rough lumber sizes.

MATERIAL: 12 ga. galvanized steel with a 12ga. galvanized stand-off plate
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

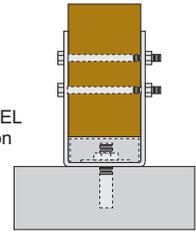
CODES: ICC ER-2894

SPECIAL: Economical price and ease-of-use make these ideal hangers for the do-it-yourself market.



AAEL Series

Typical AAEL Installation



ITEM ID	REF.	POST SIZE	DIMENSIONS (INCHES)			NAIL SCHEDULE	ALLOWABLE LOADS (LBS)	
			D	W	H		UPLIFT	DOWN
AAE44L	ABU44	4 x 4	3	3-9/16	5-1/2	12-16d	2290	6665
AAE46L	ABU46	4 x 6	3	5-1/2	5-1/2	12-16d	2290	10335
AAE66L	ABU66	6 x 6	5	5-1/2	5-1/2	12-16d	2290	15000
AAE88L	ABU88	8 x 8	7	7-1/2	7	18-16d	2290	15870

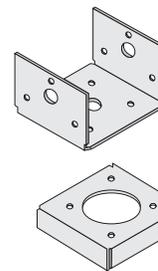
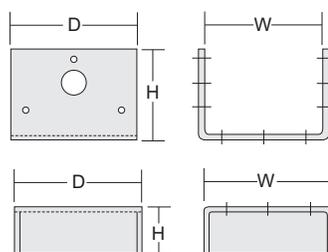
DECK ANCHORS / STAND-OFF

DESIGN FEATURES: The DA and GDB eliminates toe-nailing of the post or column to a flat surface. The bottom plate 1/2" bolt hole can be set to concrete with a 1/2" bolt, cement nails or "gun" inserts. The DA is available in rough post sizes. The DAS stand-off is used to lessen post decay at concrete or masonry floors.

MATERIAL: DA and GDB 18 ga. galvanized steel; DAS 10 ga. galvanized steel
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

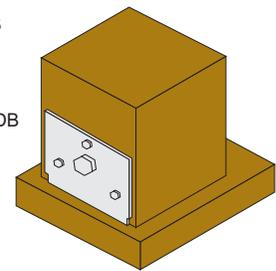
CODES: ICC ER-2894

SPECIAL: The DAS is available in rough lumber sizes. It can be attached with nails before post installation.



DA/GDB Series

Typical DA/GDB Installation



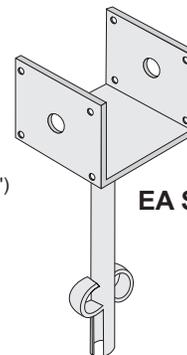
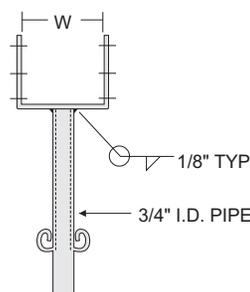
ITEM ID	REF.	POST SIZE	DIMENSIONS (INCHES)			NAIL SCHEDULE	ALLOWABLE LOADS (LBS)	
			D	W	H		UPLIFT	DOWN
GDB44	BC4O	4 x 4	3	3-9/16	2-7/8	10-16d	535	535
DA46	BC46O	4 x 6	3	5-1/2	2-7/8	12-16d	535	535
DA66	BC6O	6 x 6	5	5-1/2	2-7/8	16-16d	535	535
DA88	BC8O	8 x 8	7	7-1/2	2-7/8	16-16d	535	535
DAS4	APS4	4 x 4	3-1/4	3-1/4	1	--	--	900
DAS5	APS5	5 x 5	4-3/8	4-3/8	1	--	--	1200
DAS6	APS6	6 x 6	5-1/8	5-1/8	1	--	--	1300
DAS8	APS8	8 x 8	8	8	1-1/4	--	--	3000
DAS10	APS10	10 x 10	9-3/4	9-3/4	1-1/2	--	--	3800
DAS12	APS12	12 x 12	11-3/4	11-3/4	1-1/2	--	--	4800

ELEVATED ANCHORS

DESIGN FEATURES: Provide an economical, elevated post base for applications where sanitation and moisture conditions dictate an off-the-concrete post anchor. Anchors should be embedded in fresh concrete immediately after screeding with the post seat not exceeding 3" above the concrete. The 3/4" I. D. pipe has anti-rotation and a withdrawal lock at the base. The standard depth is 8". To special order the 12", specify by adding 12 after the stock no. (example: EA44 with 12" pipe, specify as EA44-12).

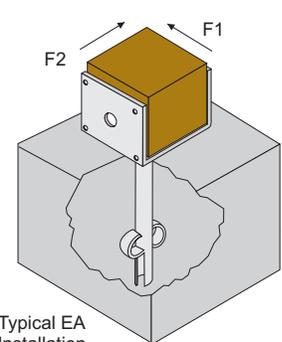
MATERIAL: 12 ga. galvanized steel

CODES: ICC ER-2894



EA Series

Typical EA Installation



ITEM ID	REF.	DIMENSIONS (INCHES)			NAIL SCHEDULE	BOLT SCHEDULE	ALLOWABLE LOADS (LBS)			
		W	H	L			UPLIFT (133%)	F1 (133%)	F2 (133%)	DOWN (100%)
EA44	EPB44	3-9/16	2-1/4	3	8-16d	1-1/2x4-1/2 MB	1535	1150	1150	3465
EA46	EPB46	5-1/2	3	3	8-16d	1-1/2x6-1/2 MB	1535	1150	1150	3465
EA66	EPB66	5-1/2	3	5	12-16d	1-1/2x6-1/2 MB	2300	1725	1725	3465

FRAMING ANCHORS

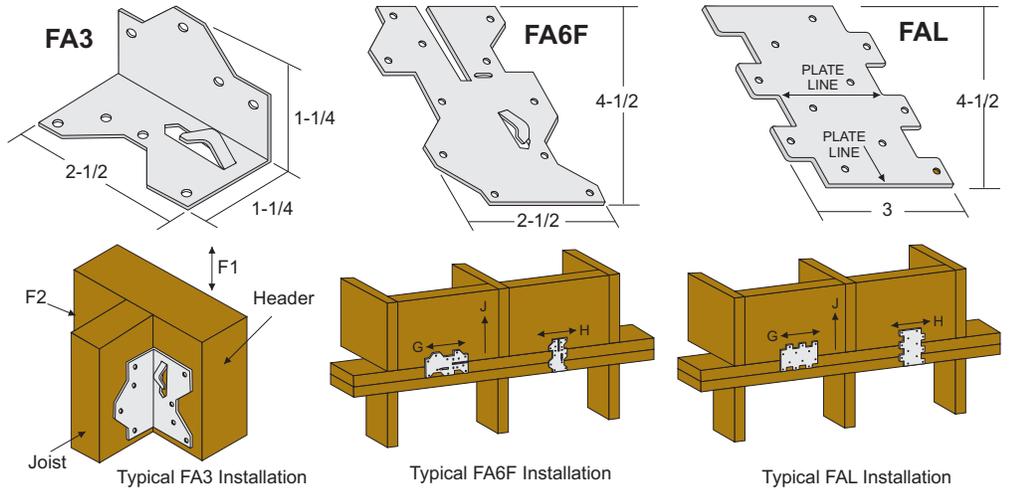
DESIGN FEATURES: FA3 anchors have been designed especially for use on 2 x 4, 2 x 3 and 3 x 4 framing.

MATERIAL: 18 ga. galvanized steel
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

CODES: ICC ER-2894

LOADS: (Shown with directional arrow) are normal with 25% increase for maximum, and are based on laboratory tests.

SPECIAL: The FAL anchor provides a plate to transfer the shear force to the blocking connection or rim joist from the top plate. The improved nail pattern helps prevent splitting of the wood members for both single/double top plate situations.



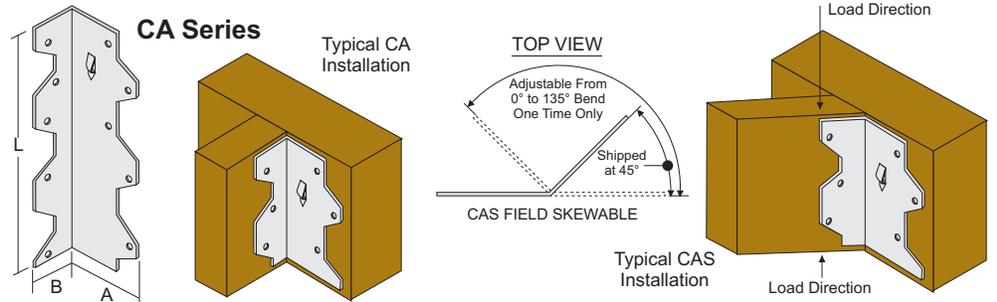
ITEM ID	REF.	NAIL SCHEDULE	ALLOWABLE LOADS (LBS)									
			F1		F2		G		H		J	
			NORMAL	MAX	NORMAL	MAX	NORMAL	MAX	NORMAL	MAX	NORMAL	MAX
FA3	A34	8-8d	355	455	355	455	-	-	-	-	-	-
FA6F	A35F	12-8d	-	-	-	-	535	670	445	445	265	265
TFAL	LTP4	12-8d	-	-	-	-	525	655	525	655	525	655

CLIP ANCHORS / SKEWED

DESIGN FEATURES: Versatile reinforcing angles for a multi-purpose anchor around the job. These are generically known as TECO™ clips. They can be nailed to concrete slabs to hold posts or studs, or for high uplift conditions. Holes are staggered to eliminate wood splitting and to permit installation on both sides of the timber. The CAS is a clip anchor that can be field skewable from 0° to 135°.

MATERIAL: 18 ga. galvanized steel

CODES: ICC ER-2894

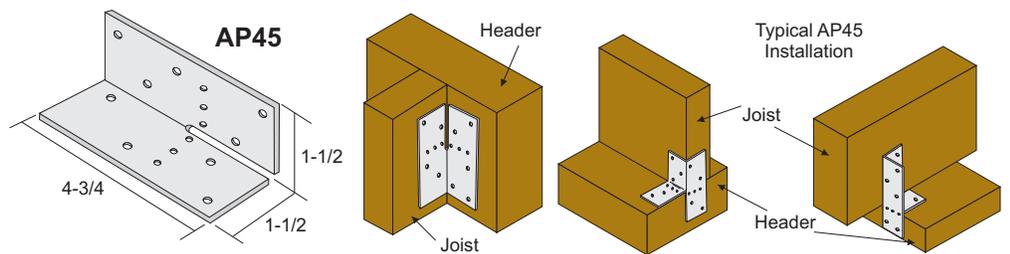


ITEM ID	REF.	DIMENSIONS (INCHES)			NAIL SCHEDULE	ALLOWABLE LOADS (LBS)	
		A	B	L		NORMAL	MAX
CA30	L30	2-3/8	1-3/8	2-1/2	4-10d	220	275
CA50	L50	2-3/8	1-3/8	4-1/2	6-10d	330	415
CA70	L70	2-3/8	1-3/8	6-1/2	8-10d	440	550
CA90	L90	2-3/8	1-3/8	8-1/2	10-10d	550	690
CAS30	LS30	2-3/8	2-3/8	2-1/2	6-10d	330	415
CAS50	LS50	2-3/8	2-3/8	4-1/2	8-10d	440	550
CAS70	LS70	2-3/8	2-3/8	6-1/2	10-10d	550	690
CAS90	LS90	2-3/8	2-3/8	8-1/2	12-10d	660	825

MULTI-PURPOSE FRAMING ANCHORS

DESIGN FEATURES: AP45 anchors provide the builder with the industry's most versatile framing anchor including: Bending slots - make accurate bends for all 2 and 3-way anchoring ties on the job.

MATERIAL: 18 ga. galvanized steel
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.



ITEM ID	REF.	GAUGE	DIMENSIONS (INCHES)	
			SIDE ANGLES	H
AP45	A35 (FA6)	9-10d	1-1/2	4-3/4

HURRICANE TIES

DESIGN FEATURES: Eliminate expensive, time consuming rafter notching ... provide wind and seismic ties for trusses and rafters ... fulfill specifications for resistance to lateral and uplift conditions ... also for general purpose tie use, strongback or attachments where one member crosses another.

RT1 - rafter to single plate

RT2A - universal rafter to double, plate/top plates to stud/stud to sill plate. **New ergonomic design improves/speeds up and ease of installation.**

RT2LR - rafter to double, plate/top plates to stud/stud to sill plate

RT9 - rafter to stud (alignment required)

RT15 and RT16 - rafter to double plate for high wind

HT4 and HT5 - a new design that provides high allowable loads and requires fewer nails. The new hurricane ties allow for installation on the inside of the member without interfering with the sheath rock, or for installation of the outside of the member without interfering with the sheathing material. HT5 is designed to tie the top of two wall plates to the rafter

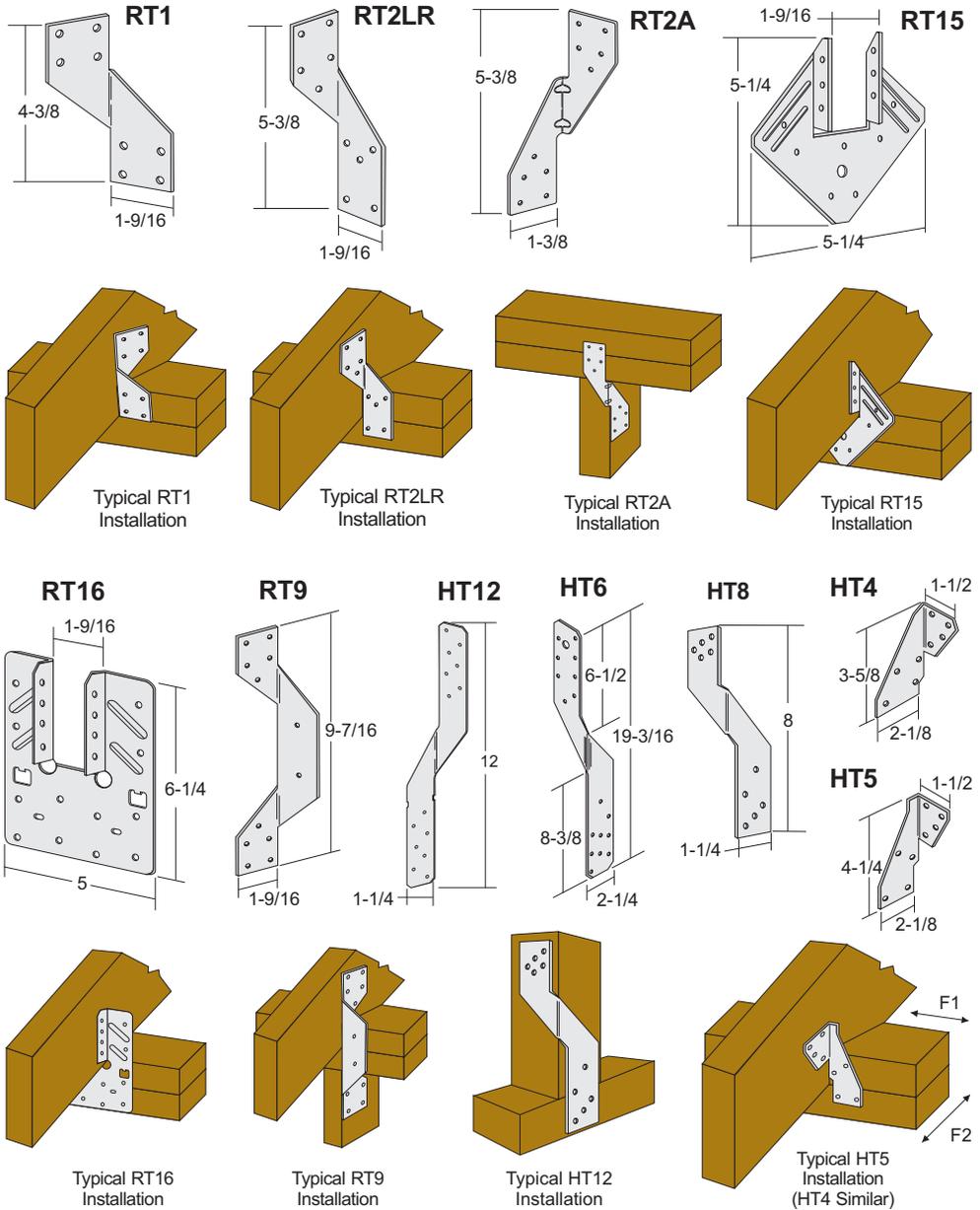
HT6, HT8 and HT12 - the largest of all hurricane ties, made from heavy 16 and 18 ga. galvanized steel for high load capacity, and used to tie joists, studs, trusses, plates and all other wood members

MATERIAL: 18 ga. and 16 ga. galvanized steel Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

CODES: FL Approval #8283, ICC ESR-1347, ER-2894

NOTES:

- Nails are 8d or 10d common wire nails or 1-1/2 inch joist hanger nails.
- Allowable loads are for hangers nailed into wood or structural composite lumber having an effective specific gravity of 0.50 (such as Douglas-fir-Larch) or greater.
- Allowable loads are for hangers nailed into wood or structural composite lumber having an effective specific gravity of 0.55 (such as Southern Pine) or greater.
- Allowable uplift loads have been adjusted by a load duration factor C_D , of 1.6 (160%), corresponding to the typical duration of wind and earthquake loads.
- Tabulated loads are without 33% steel stress increase.



ITEM ID	REF.	NAIL SCHEDULE ¹			ALLOWABLE UPLIFT LOADS ⁴ (LBS)	
		TO RAFTERS	TO PLATES	TO STUDS	DFL ²	SYP ³
RT1	H3	4-10d	4-10d	-	-	341
RT2LR	H2.5	5-8d	5-8d	-	497	497
RT2A	H2.5A	5-10d	5-10d	-	765	765
RT9	H2	5-8d	2-8d	5-8d	-	355
RT15	H1	4-10d	4-10d	-	493	493
RT16	H10	8-10d	8-10d	-	1472	1587
HT12	LTS12	7-10d	7-10d	-	1027	1027

ITEM ID	REF.	NAIL SCHEDULE			ALLOWABLE LOADS (LBS)		
		TO RAFTERS	TO PLATES	TO STUDS	UPLIFT (133%)	LATERAL	
						F1 (133%)	F2 (133%)
HT4	H4	4-8d	4-8d	--	365	170	170
HT5	H5	4-8d	4-8d	--	475	130	170
HT6	H6	--	8-8d	8-8d	955	715	--
HT8	H8	5-10d x 1-1/2	5-10d x 1-1/2	--	620	--	--

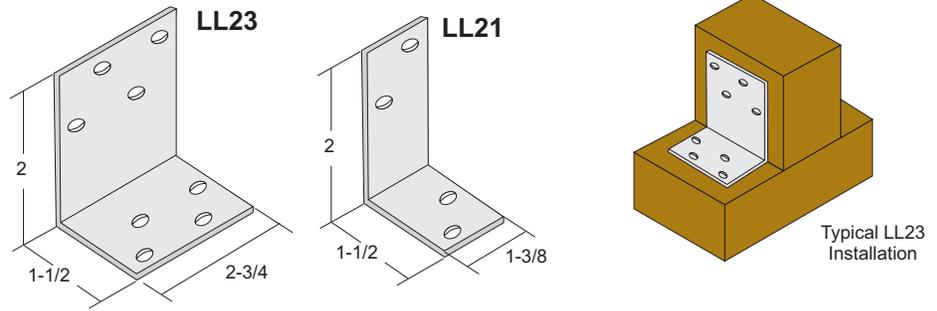
ANGLES, STRAP TIES AND STRAP ANCHORS



LIGHT ANGLES

DESIGN FEATURES: LLs are versatile reinforcing angles that are nailed to reinforce intersecting wood members.

MATERIAL: 18 ga. galvanized steel

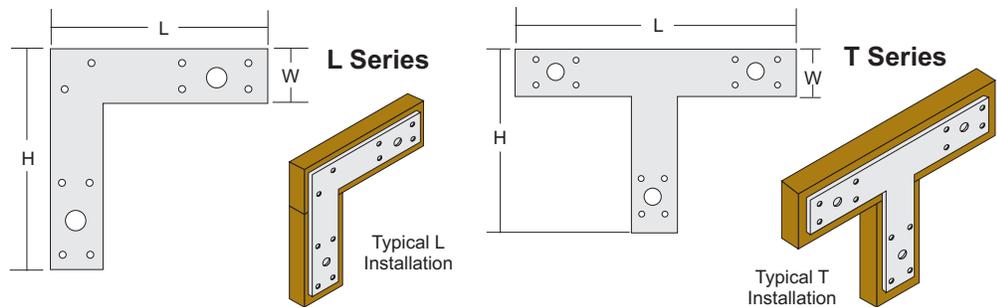


ITEM ID	REF.	GAUGE	NAIL AND BOLT SCHEDULE	ALLOWABLE LOADS (LBS)	
				PARALLEL TO GRAIN	PERPENDICULAR TO GRAIN
LL21	A21	18	4-10d	250	250
LL23	A23	18	8-10d	505	505

L / T STRAP TIES

DESIGN FEATURES: Inexpensive braces are ideal for headers, beams and other applications where added reinforcement is needed. Braces may be bolted for heavy-duty applications.

MATERIAL: 14 ga. galvanized steel

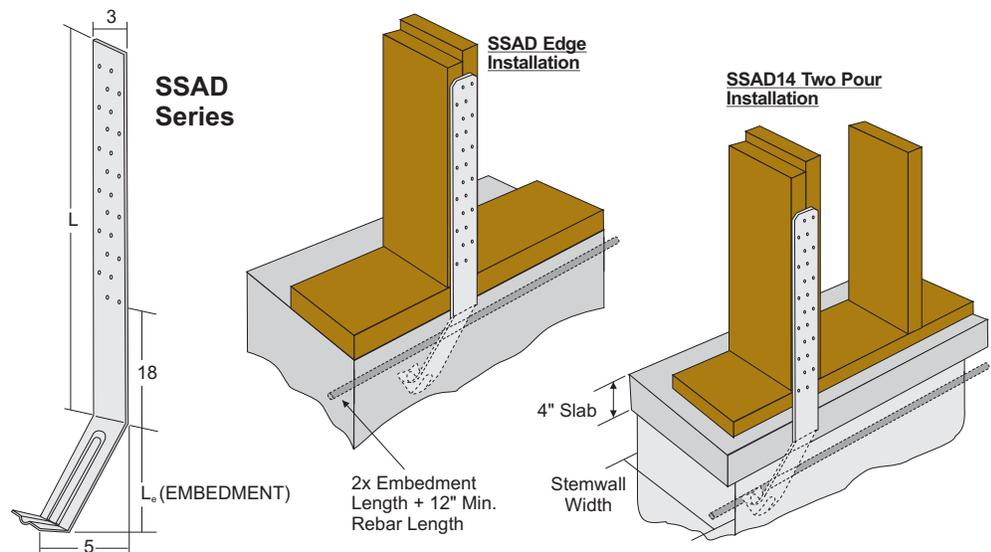


ITEM ID	REF.	GAUGE	DIMENSIONS (IN.)			NAIL SCHEDULE		BOLT SCHEDULE	ALLOWABLE LOADS (LBS)	
			W	H	L	HORIZ	VERT		NAILS	BOLTS
T6	66T	14	1-1/2	5	6	4-16d	2-16d	3-1/2 MB	545	465
L6	66L	14	1-1/2	6	6	2-16d	2-16d	2-1/2 MB	545	465

STRAP ANCHORS

DESIGN FEATURES: SSAD strap anchors are for installation in concrete footings or foundation walls. The anchor is hooked around a minimum No. 4 by 24" long reinforcing bar and provides uplift resistance to double 2x or solid wood posts undergoing wind or seismic loading.

MATERIAL: 12 ga. galvanized steel
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.



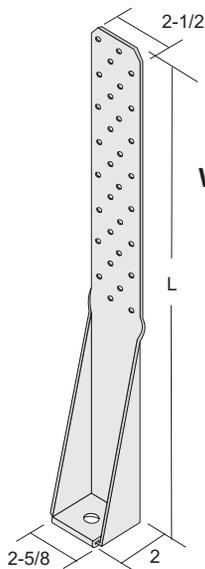
ITEM ID	REF.	MIN STEM WALL (IN.)	L LENGTH (IN.)	L _e EMBEDMENT (IN.)	NAIL SCHEDULE	ALLOWABLE LOADS (LBS)								
						EDGE DISTANCE								
						1/2	1-1/2	L _e	1/2	1-1/2	L _e	1/2	1-1/2	L _e
						2000 PSI Concrete			2500 PSI Concrete			3000 PSI Concrete		
ASTHD10	STHD10	6	23-1/8	10	28-16d sinker	2300	2525	3285	2875	3160	4105	3450	3790	4925
ASTHD14	STHD14	6	31-5/8	14	38-16d sinker	4075	4365	5820	5095	5455	5820	5820	5820	5820

TENSION TIES

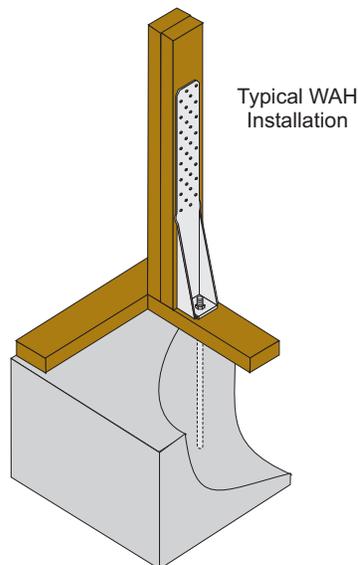
DESIGN FEATURES: WAH anchors have a die-formed seat, attached to straps of various lengths with prepunched nail and bolt holes. The anchor bolt type and embedment in the concrete wall require analysis and design. Table specifies anchor dimensions, fastener schedules and allowable loads.

MATERIAL: 11 ga. galvanized steel
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

NOTES: 32-10d common nails nailed into 1-1/2 inch lumber can be substituted for 32-16d sinkers with no load reduction. This is based on NDS 1997.



WAH Series



Typical WAH Installation

ITEM ID	REF.	MATERIAL (INCHES)		LENGTH	NAIL & BOLT SCHEDULE		ALLOWABLE LOADS	
		GAUGE	BASE		PURLIN	BASE	100%	133%
AHTT16	HTT16	11	1/2 stl	16	*18-16d	5/8	2695	3580
AHTT22	HTT22	11	1/2 stl	22	*32-16d sinkers	5/8	4095	5460

*16d sinkers should be used for full table values. If a 5/8" Anchor bolt is used, add a standard cut washer to the seat.

ANCHOR DOWNS

DESIGN FEATURES: Offer the builder a lighter anchor down device with greater load capacity at a more affordable price.. applications include:

ADB Series - no standard washer requirement with anchorage bolts. Washer location is indicated on item drawings

ADA Series - no more inspection problems, as the ADA series has a load transfer plate tack-welded to the base

Uses include anchoring vertical wood members to foundation to resist uplifts due to overturning
Installation can be made horizontally for seismic ties

MATERIAL: 3/16", 1/4" and 3/8" steel, depending on size and load requirements

CODES: ICC ER-5033

LOAD: Have been increased by 33-1/3% for seismic applications.

SPECIAL: Features of the ADA/ADB includes: Single piece design results in higher capacity. Load transfer plate eliminates the need for seat washer.

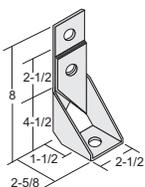
Stud or post bolts are factory lined-up by welding (where the straps overlap). This reduces labor costs and damage to the machine bolt threads; more importantly, the weld acts to unite the parts as a single unit.

Self-jigging design allows for flush surface installations to insure code-required 7 bolt diameter spacing from the end of the member.

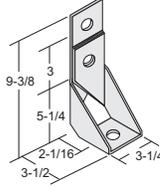
There are fewer inspection problems.

Anchor down may be used to transfer tension loads between floors, to the purlins to masonry or concrete, to the wood wall sections to vertical concrete or masonry or used for overturn requirements and other applications to transfer tension loads.

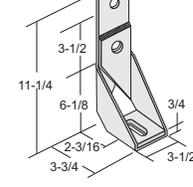
AD2B



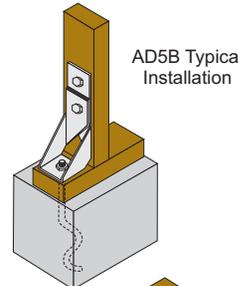
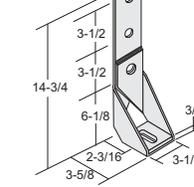
AD5B



AD6A

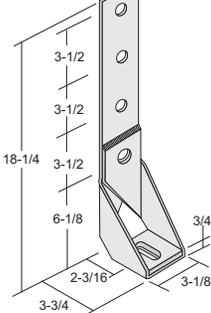


AD8A

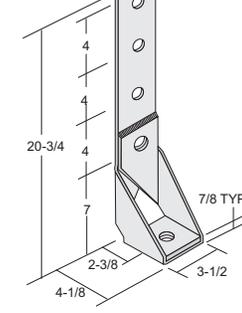


AD5B Typical Installation

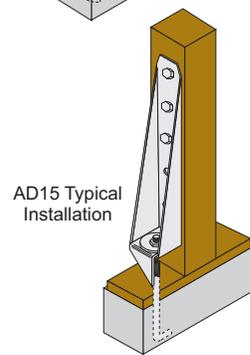
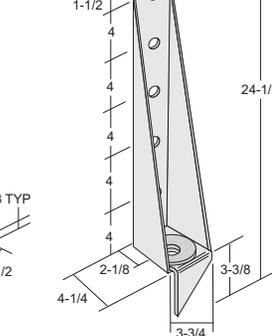
AD10A



AD14A



AD15



AD15 Typical Installation

ITEM ID	REF.	MTRL (IN)	DIMENSIONS (INCHES)		NUMBER AND SIZE OF BOLTS ON WOOD	CONCRETE ANCHOR BOLT DIAMETER (INCHES)	ANCHOR BOLT EMBEDMENT (INCHES)	ALLOWABLE LOADS (LBS)					
			W	H				STUD THICKNESS (INCHES)					
								1-1/2	2-1/2	3	3-1/2	4-1/2	5-1/2
AD15	HD15	1/4 stl	3-1/2	24-1/2	5--1	1-1/8	43	--	--	--	13020	16765	16395
AD2B	HD2A	12 Ga.	2-1/2	8	2--5/8	5/8	13	1570	2575	2790	2790	2790	2790
AD5B	HD5A	10 Ga.	3-1/4	9-1/4	2--3/4	3/4	15	1895	3120	3720	4045	4035	4025
AD6A	HD6A	3/16 stl	3-1/4	11-1/4	2--7/8	7/8	12	2245	3650	4385	5090	5520	5505
AD8A	HD8A	3/16 stl	3-1/2	14-3/4	3--7/8	7/8	20	3190	5355	6490	7630	8075	8025
AD10A	HD10A	3/16 stl	3-1/2	18-1/4	4--7/8	7/8	20	3905	6830	8375	9755	10445	10320
AD14A	HD14A	1/4 stl	3-1/2	20-3/4	4--1	1	24	--	--	--	10975	13950	13755

HURRICANE STRAPS

DESIGN FEATURES: Provide the builder with a complete range of tie straps to meet a variety of application and design load conditions and specifications.

APPLICATIONS:

SS Series - Use as all-purpose ties to connect studs to sill, rafters to plates and beams, wall intersections, ridges, upper floor to lower floor wall studs, window reinforcement. All nail holes must be filled to achieve published uplift values. Special lengths available based upon your specifications (not specifically code listed due to many length combinations). Considered essential by code officials and insurance companies in maintaining a continuous load path, therefore mitigating destruction from high winds and seismic activity. SS18/24 have notched corners (more user friendly) SS10/12 have 4 holes within 1-1/2" of one end to enable 4 nails to enter a bottom plate per TDI request.

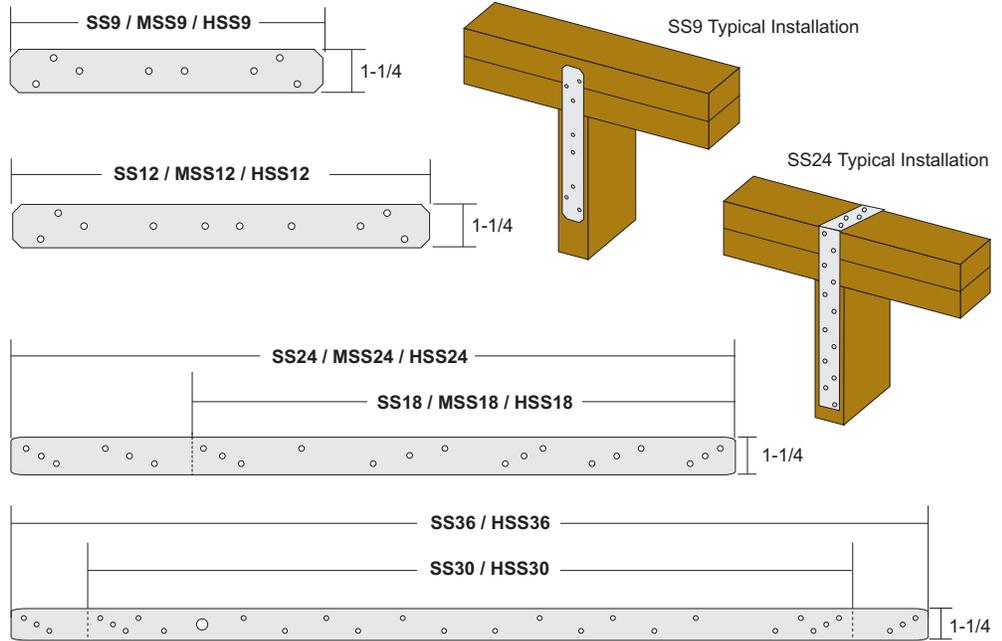
MATERIAL:

SS - 20 ga. galvanized steel
 MSS - 18 ga. galvanized steel
 HSS - 16 ga. galvanized steel

CODES: FL Approval #8283, ICC ESR-1347

NOTES:

- Nails are 10d by 3 inch joist hanger nails complying with section 3.8.3. Allowable tension loads are based on conditions with an equal number of nails on either side of the connection. In cases where this condition is not met, allowable tension loads must be based on the side of the connection having the fewest nails. 10d x 1-1/2" nails can be substituted for 10d x 3" nails. Section 3.8.3 of the report allows the use of both 1-1/2" and 3" nails because the shear capacity of both the nails is the same.
- Allowable tension loads include load duration factor of 1.6 per section 2.3.2 of NDS 2001. No further increases in allowable loads are permitted.
- Allowable tension loads are based on Southern Pine (SYP) with a specific gravity of 0.55, Douglas Fir-Larch (DFL) with specific gravity 0.50, and Spruce-Pine-Fir (SPF) or Hem-Fir (HF) with specific gravity of 0.42.
- Tabulated loads are for ASTM A653 Steel with Fy=33 ksi and Fu=45 ksi
- Tabulated loads are without a 33% steel stress increase. Application of steel stress increase is not permitted.



ITEM ID	REF.	STEEL GAUGE	DIMENSIONS (INCHES)		10D NAILS ¹ (QUANTITY EACH END)
			WIDTH	LENGTH	
SS9	LSTA9	20	1-1/4	9	3, 4, 5, 6
SS12	LSTA12	20	1-1/4	12	3, 4, 5, 6, 7
SS18	LSTA18	20	1-1/4	18	3, 4, 5, 6, 7, 8
SS24	LSTA24	20	1-1/4	24	5, 6, 7, 8, 9, 10, 11
MSS9	MSTA9	18	1-1/4	9	3, 4, 5, 6
MSS12	MSTA12	18	1-1/4	12	3, 4, 5, 6, 7
MSS18	MSTA18	18	1-1/4	18	3, 4, 5, 6, 7, 8
MSS24	MSTA24	18	1-1/4	24	5, 6, 7, 8, 9, 10, 11
SS30	LSTA30	18	1-1/4	30	7, 8, 9, 10, 11
SS36	LSTA36	18	1-1/4	36	8, 9, 10, 11, 12, 14
HSS9	ST9	16	1-1/4	9	3, 4, 5, 6
HSS12	ST12	16	1-1/4	12	3, 4, 5, 6, 7
HSS18	ST18	16	1-1/4	18	3, 4, 5, 6, 7, 8
HSS24		16	1-1/4	24	5, 6, 7, 8, 9, 10, 11
HSS30	MSTA30	16	1-1/4	30	7, 8, 9, 10, 11
HSS36	MSTA36	16	1-1/4	36	8, 9, 10, 11, 12, 14

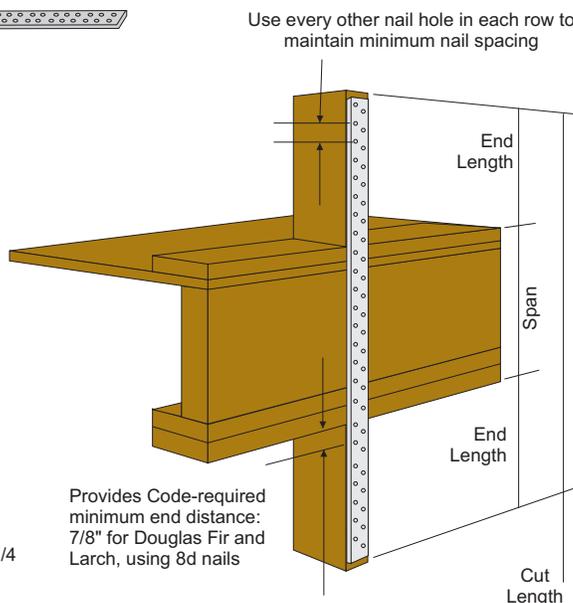
QUANTITY OF 10D NAILS AT EACH END	ALLOWABLE TENSION LOADS (LBS)								
	SS SERIES (20 GA STEEL)			MSS SERIES (18 GA STEEL)			HSS SERIES (16 GA STEEL)		
	SYP	DFL	SPF/HF	SYP	DFL	SPF/HF	SYP	DFL	SPF/HF
3	590	547	470	595	552	475	605	557	480
4	787	730	627	794	736	634	806	742	640
5	873	873	874	992	920	792	1008	928	800
6	873	873	873	1164	1104	950	1210	1114	960
7	873	873	873	1164	1164	1109	1411	1299	1120
8	873	873	873	1164	1164	1164	1455	1455	1280
9	873	873	873	1164	1164	1164	1455	1455	1440
10	873	873	873	1164	1164	1164	1455	1455	1455
11	873	873	873	1164	1164	1164	1455	1455	1455
12	873	873	873	1164	1164	1164	1455	1455	1455
14	873	873	873	1164	1164	1164	1455	1455	1455

COIL STRAPS

DESIGN FEATURES: Coiled strapping consists of continuous coils which are designed to be cut to length on the job as required. No need to order 10", 18" or 24" straps, etc. Staggered hole pattern reduces wood splitting. Used to secure or wrap existing buildings for seismic upgrade, to tie water heaters to floors and walls and for utility purposes such as hanging pipes from rafters, studs or joists, boxed for easier usage and storage.

MATERIALS: 22 ga., 20 ga., 18 ga. and 16 ga. galvanized steel

NOTE: Design loads are based on the assumption that one half of the specified number of nails are installed in each of the two members connected.



CS Series



ITEM ID	REF.	GA	TOTAL LENGTH (FEET)	WIDTH (INCHES)	END LENGTH (INCHES)	CUT TO LENGTH	TOTAL FASTENERS	ALLOWABLE LOADS	
								100 %	133 %
CS150	CS16	16	150'	1-1/4	14	CLEAR SPAN + 28"	26-8d x 1-1/2	1235	1650
					11	CLEAR SPAN + 22"	24-10d x 1-1/2	1235	1650
CS200	CS18	18	200'	1-1/4	9-1/2	CLEAR SPAN + 19"	20-8d x 1-1/2	950	1270
					9	CLEAR SPAN + 18"	18-10d x 1-1/2	950	1270
CS250	CS20	20	250'	1-1/4	7-1/2	CLEAR SPAN + 15"	16-8d x 1-1/2	750	1005
					7	CLEAR SPAN + 14"	14-10d x 1-1/2	750	1005
CS300	CS22	22	300'	1-1/4	7	CLEAR SPAN + 14"	14-8d x 1-1/2	620	825
					5-1/2	CLEAR SPAN + 11"	12-10d x 1-1/2	620	825

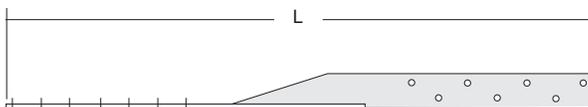
TWIST STRAPS / TIE STRAPS

DESIGN FEATURES: MTW - provide for fast, simple hanging of joists at right angles and for securing joists to a strongback. The 3" bend in the middle of the straps stops interference at the transition points.

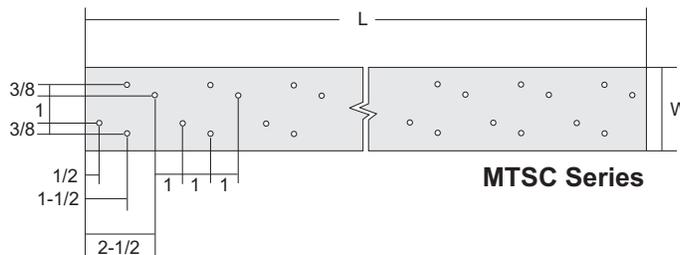
MTSC - provide the builder with a complete range of tie straps to meet a variety of application and design load conditions and specifications.

MATERIALS: 16 ga. and 14 ga. galvanized steel

CODES: ICC ER-2894



MTW Series



ITEM ID	REF.	GAUGE	DIMENSIONS (INCHES)		NAIL SCHEDULE	ALLOWABLE LOADS (LBS)
			W	L		
MTW12	MTS12	16	1-1/4	12	14-10d	1050
MTW16	MTS16	16	1-1/4	16	14-10d	1050
MTW18	MTS18	16	1-1/4	18	14-10d	1050
MTW20	MTS20	16	1-1/4	20	14-10d	1050
MTW30	MTS30	16	1-1/4	30	14-10d	1050
MTSC28	MSTC28	16	3	28-1/4	36-16d Sinkers	2770
MTSC40	MSTC40	16	3	40-1/4	52-16d Sinkers	4000
MTSC66	MSTC66	14	3	65-3/4	76-16d Sinkers	5980

WALL BRACING

DESIGN FEATURES:

WB Series: We recommend metal bracing only be used to serve as temporary bracing to prevent racking before structural sheathing is applied. Metal bracing should never be used as a substitute for shear wall sheathing, as it offers only about one-tenth the resistance to racking as 3/8" plywood.

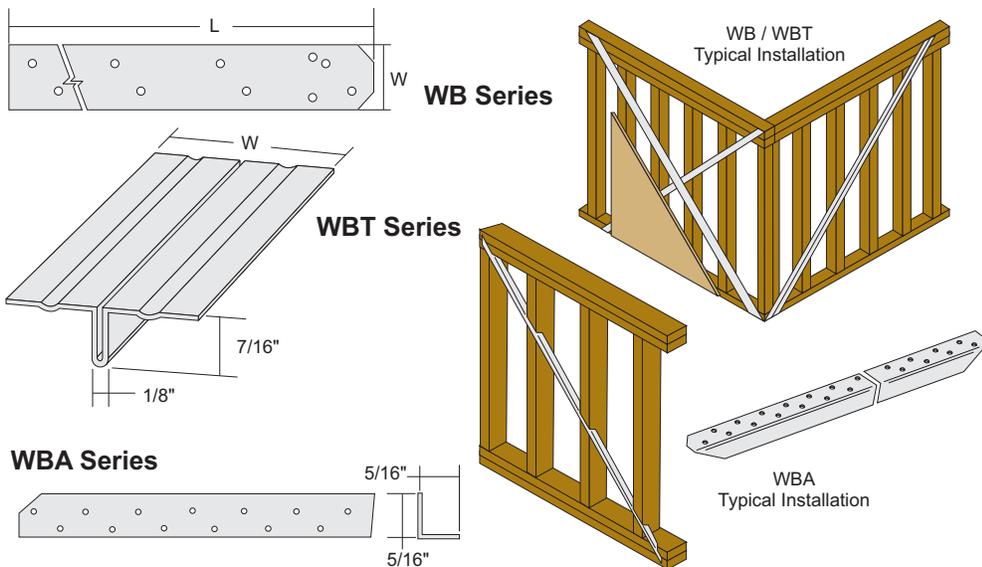
WBA Series: Angle wall bracing offers the most efficient means of maintaining the squareness of wood frame walls during and after construction. The angle wall bracing eliminates racking after completion. It is easily installed and is stronger and less expensive than a 1x4 let-in bracing. The WBA bracing does not serve as a replacement for load-bearing shearwall components. To install: (1) Use the length of the wall bracing to mark the studs and plates. (2) Cut a single 1" deep saw kerf into the studs and plates on the line previously marked. (3) Nail the wall bracing angle at the studs and plates.

WBT Series: T wall brace extra-rigid lengths won't bend as easily as flat brace, making installation easier. No X-pattern installation needed.

MATERIAL:

WB 16 ga. galvanized steel
WBA 18 ga. galvanized steel
WBT 22 ga. galvanized steel

CODES: FL Approval #8283, ICC ESR-1347, ER-2926



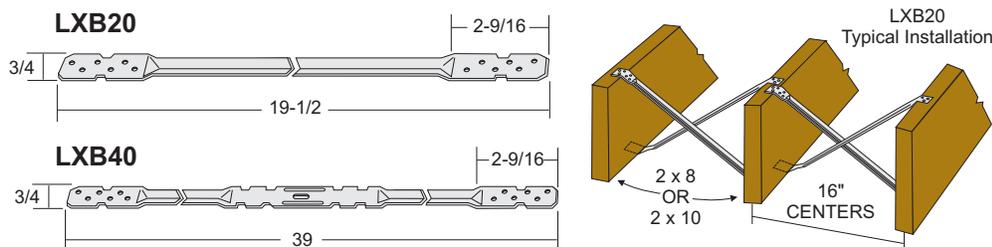
ITEM ID	REF.	GAUGE	DIMENSIONS		ANGLE AND WALL HEIGHT	NAIL SCHEDULE	
			W (INCHES)	L (FEET)		PLATE	STUD
WB10	WB106	16	1-1/4	9' 6"	60° / 8 FEET	3-10d	1-10d
WB12	WB126	16	1-1/4	11' 5"	45° / 8 FEET	3-10d	1-10d
WB14	WB146	16	1-1/4	13' 6"	45° / 10 FEET	3-10d	1-10d
WB16	--	16	1-1/4	15' 6"	45° / 12 FEET	3-10d	1-10d
WBA10	CWB106	18	5/16	9'3"	60° / 8 FEET	2-8d	2-8d
WBA12	CWB126	18	5/16	11' 3-3/4"	45° / 8 FEET	2-8d	2-8d
WBA14	CWB146	18	5/16	14' 3"	45° / 8 FEET	2-8d	2-8d
WBT10	TWB10	22	2	9' 3"	60° / 8 FEET	4-8d	1-8d
WBT12	TWB12	22	2	11' 4"	45° / 8 FEET	4-8d	1-8d

TENSION BRIDGING

DESIGN FEATURES: Provide the builder with an inexpensive, nail-type bridging for truss type I-joists. There are nine lengths from which to choose. All have seven nail holes per end, two of which must be used (4-10d).

LXB is used with 2x8 and 2x10 joists. There are six nail holes in each end. Only two nails are required for each end. 2 to 3 times faster installation than wood bridging.

MATERIAL: 22 ga. galvanized steel



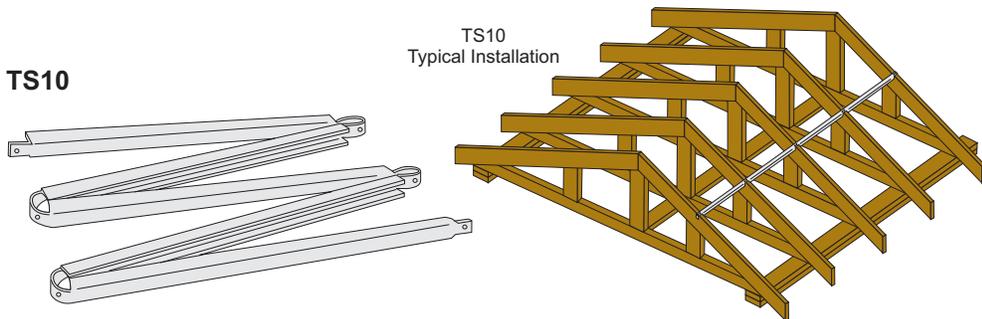
ITEM ID	REF.	LENGTH(INCHES)	JOIST SIZE	JOIST SPACING
LXB20	LTB20	19-1/2	2x8, 2x10	16" ON - CENTER
LXB40	LTB40	39	2x8, 2x10	16" ON - CENTER

TRUSS SPACER

DESIGN FEATURES: Very inexpensive effective and quick means of accurately spacing trusses exactly 24" on center. Eliminates time-consuming, inaccurate measuring and the need to cut, nail, and remove spacer blocks and/or mark layouts on bearing plates. Market-proven popular with truss framing crews.

WARNING: The truss spacer is not designed to be used as a structure bracing and has no structural value. Add wood bracing in accordance with truss manufacturer recommendation.

MATERIAL: 22 ga. galvanized steel



ITEM ID	REF. NO	LENGTH	DIMENSION AND DESCRIPTION
TS10	TSF2-24	10'	EACH PIECE CONSISTS OF SECTIONS 24" LONG, EACH CENTERED 1-1/2" BETWEEN SECTIONS, 10' TOTAL LENGTH

MUDSILL ANCHORS

DESIGN FEATURES: Provide for faster, more economical and secure method for anchoring wood framing to masonry or concrete.

TMA1/TMAB1 - For installation into concrete slab or poured stemwalls. TMA1/TMAB1 feature a pre-bent base flange to assure proper anchoring into concrete. When a 2 x 8 mudsill is used for TMA1/TMAB1 maximum spacing is 3 feet. Loads and installation for TMA1/TMAB1 assumes nominal 2 x 4 or 2 x 6 mudsill, when used as a direct substitution for 1/2" anchor bolt 6' o.c.

TMA2/TMAB2 - For installation into concrete slab, poured stemwalls, or concrete block. TMA2/TMAB2 feature a pre-bent base flange to assure proper anchoring into concrete. When a 2 x 8 mudsill is used for TMA2/TMAB2, maximum spacing is 3 feet. Loads and installation for TMA2/TMAB2 assumes nominal 2 x 4 or 2 x 6 mudsill, when used as a direct substitution for 1/2" anchor bolt 6' o.c.

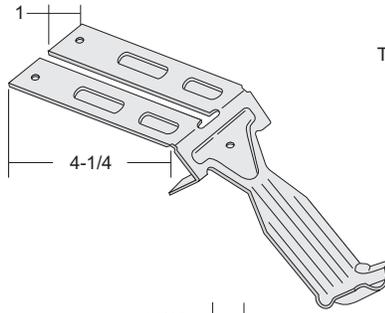
TMA3, MAS - For installation into concrete slabs. TMA3 and MAS feature a split flange for nailing to both mudsill and stud for greater framing versatility. Install MAS before pouring the concrete by nailing to the form or after the pour by inserting the MAS into the concrete. There is fast and simple nail attachment - only six code-spaced nails are needed to drive either to the mudsill or directly to the stud.

MATERIALS: TMA and MAS 16ga. galvanized steel, TMAB 18ga. galvanized steel
Available in G-185 Triple Zinc or Hot-Dip Galvanized. Call for availability.

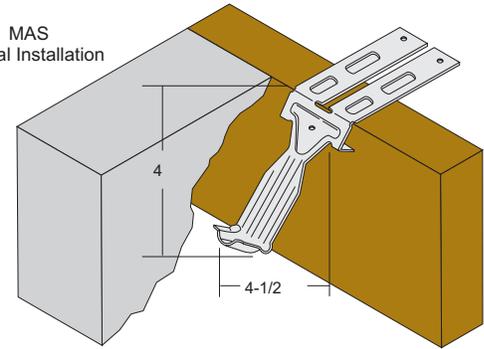
NOTES:

1. Nails are 10d by 1-1/2 inch joist hanger nails.
2. Allowable uplift loads have been adjusted by load duration factor C_D of 1.6 (160%) corresponding to the typical duration of wind loads.
3. The design tables are based on Southern pine species wood with a specific gravity of 0.55 and Douglas Fir with a specific gravity of 0.050.
4. Concrete compressive strength shall be a minimum of 2500 psi at 28 days.
5. Minimum spacing shall be 3 times the concrete embedment. No limit on max spacing.
6. Minimum end distance shall be 1.5 times the concrete embedment. No limit on max end distance.
7. Tabulated loads are based on ultimate load divided by a factor of safety 4 and without 33% steel stress increase.

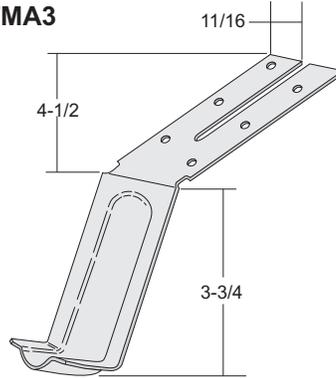
MAS



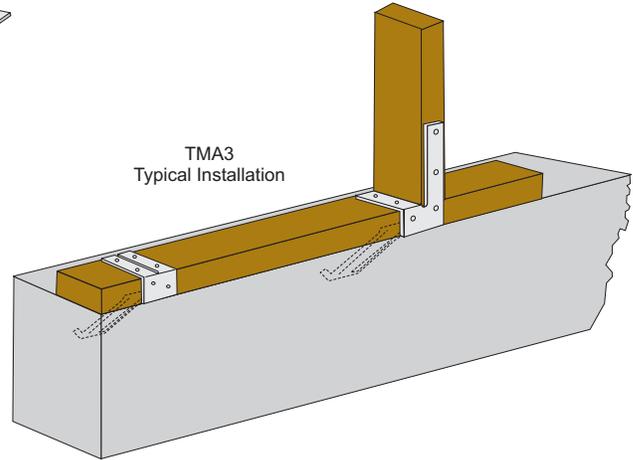
MAS Typical Installation



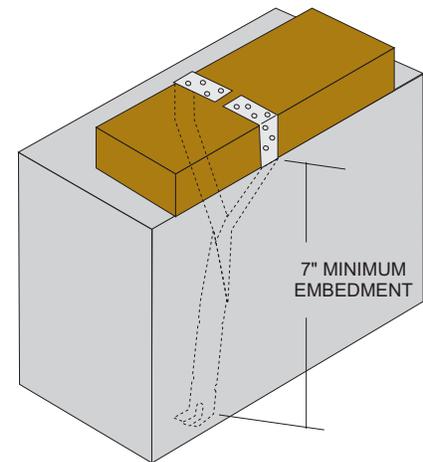
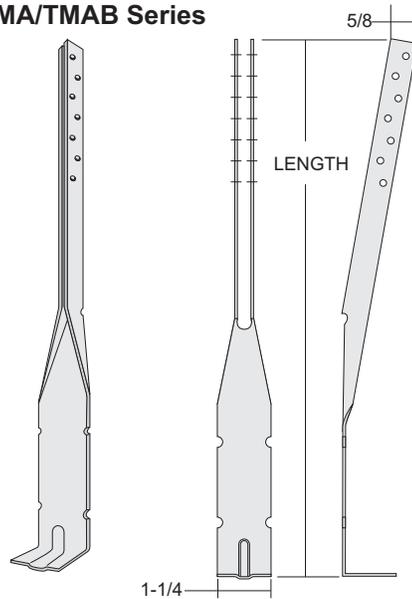
TMA3



TMA3 Typical Installation



TMA/TMAB Series



TMA1 Typical Installation in Concrete (TMA2 Similar, with 15" minimum embedment)

ITEM ID	REF.	LENGTH (INCHES)	MUDSILL SIZE (INCHES)	NAIL SCHEDULE ¹		ALLOWABLE UPLIFT (LBS)	
				SIDES	TOP	SYP	DFL
TMA1	FA1	12-1/2	2 x 4, 6	6	8	980	980
TMA2	FA2	20-1/2	2 x 4, 6	6	8	795	795
TMAB1	MAB15	12-1/2	2 x 4, 6	6	8	980	980
TMAB2	MAB23	20-1/2	2 x 4, 6	6	8	795	795
TMA3	MASB		2 x 4, 6, 8	2	4	770	703
				4	2	770	770
MAS	MAS		2 x 4, 6	2	4	815	703
				4	2	815	815

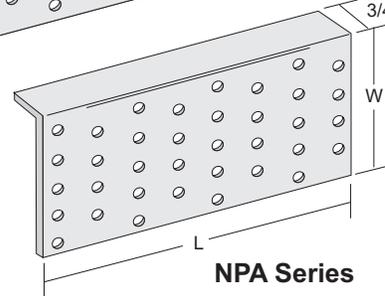
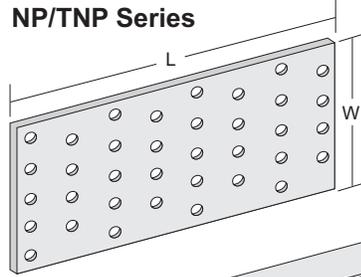
NAIL PLATES

DESIGN FEATURES: Designed to provide positive connections at wall intersections and ridge ties when the top plates are cut .. also used for truss repairs or construction and splice applications on wood-to-wood splices. NPA nail plates are flanged to provide added support value.

MATERIAL: 20 ga. galvanized steel

CODES: FL Approval #8283, ICC ESR-1347

NP/TNP Series



ITEM ID	REF.	DIMENSIONS (IN)		NAIL SCHEDULE
		WIDTH	LENGTH	
TNP35	TP35	3	5	24-8d
TNP37	TP37	3	7	33-8d
TNP39	TP39	3	9	42-8d
NP15	TP15	1-13/16	5	13-8d
NPA37	TPA37	3-1/2	7	28-8d
NPA39	TPA39	3-1/2	9	36-8d
NP45	TP45	4-7/64	5	30-8d
NP47	TP47	4-7/64	7	42-8d
NP49	TP49	4-7/64	9	54-8d
NP411	TP411	4-7/64	11	66-8d
NP57	TP57	5-3/4	7	60-8d
NPA57	TPA57	5	7	40-8d

SAFETY PLATES / ROUGH PLUMBING STRAPS

DESIGN FEATURES:

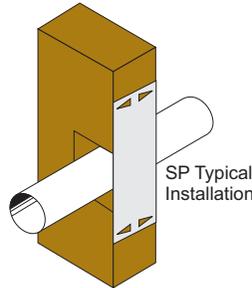
Safety Plates - Handy, nailless plate protects electrical and water lines that penetrate framing members - prevent accidental nailing into pipes and wiring.

Rough Plumbing Straps - Designed to effectively and completely protect plumbing from nail intrusion, when installing base board and crown molding.

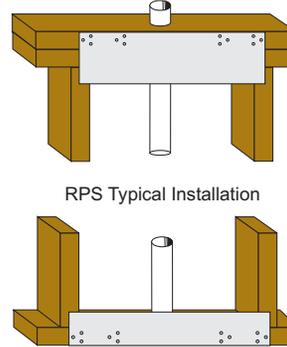
SPECIAL: Prongs eliminate the need for nailing. The SP2516 is 16 ga. galvanized steel to conform to the National Electric Code.

MATERIAL: SP25 20 ga. galvanized steel
SP2516/RPS 16 ga. galvanized steel

SP Series



RPS Series



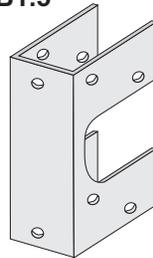
ITEM ID	REF. NO	DIMENSIONS (IN)	
		WIDTH	LENGTH
SP25	--	1-3/4	5
SP2516	NS2	1-3/4	5
RPS318	--	3	18
RPS518	--	5	18

STUD BRACES

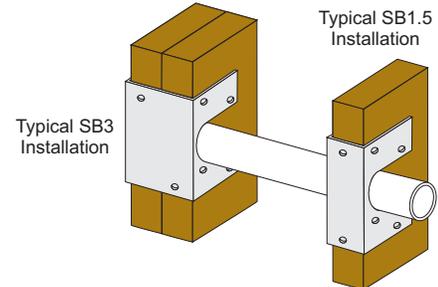
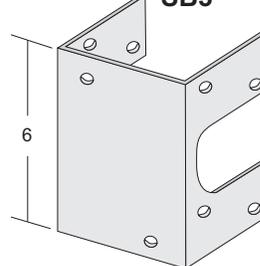
DESIGN FEATURES: Reinforce rafters, studs and joists that have been drilled or notched during construction for pipes, especially where a large portion of member has been removed. Stud brace can be used for repairing bottom and top plates without interfering with the studs.

MATERIAL: 18 ga. galvanized steel

SB1.5



SB3

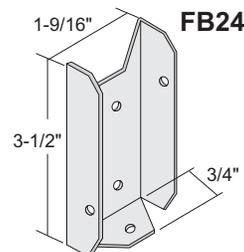
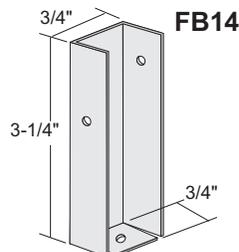


ITEM ID	REF. NO	DIMENSIONS WIDTH (INCHES)	NAIL SCHEDULE	APPLICATION	DESIGN LOAD (LBS)	
					NORMAL	MAX(125%)
SB1.5	SS1.5	1-9/16	12-10d x 1-1/2	Single	570	570
SB2.5	SS2.5	2-9/16	12-10d x 1-1/2	Single	570	570
SB3	SS3	3-1/8	12-10d	Double	790	790
SB4.5	SS4.5	4-1/2	14-10D	Triple	790	790

FENCE BRACKETS

DESIGN FEATURES: Provide a secure fit for the connection of 1x4 and 2x4 fence boards to post .. easier to plan and build .. holes are sized to #6 wood screw or 8d nails. Many other connections possible such as patios and porches.

MATERIAL: 20 ga. galvanized steel



ITEM ID	REF. NO	NAIL SCHEDULE	
		JOIST	HEADER
FB14	FB14	--	--
FB24	FB24	3-8d x 1-1/4	2-8d

NEW CONSTRUCTION WEEP HOLE COVER™

US Patent # 6,474,031

DESIGN FEATURES: Allows weep holes in masonry construction to vent while denying access by unwanted elements.

Mortar Shield keeps mortar from blocking weep holes, allowing for free flow of moisture and air circulation, stopping conditions that allow mold to develop.

Improves the indoor air quality of a home, thereby improving the health of the people who live in it.

Fundamental in helping achieve Green Building goal of healthy indoor air quality. Per www.builditgreen.org products that reduce or eliminate pesticide treatments are considered green. Periodic pesticide treatment can be a significant health and environmental hazard.

Having open/unprotected weep holes is like having 300 open front doors to your home or building, depending on design.

Naturally keeps unwanted, allergen and disease-carrying elements out of the house without pesticides (most common method for roaches, rodents, snakes, spiders, scorpions and lizards etc. to enter the home is through weep holes). Accepted by US Environmental Protection Agency Energy Star® program in helping achieve better indoor air quality (keeps rodents etc. from entering through the weep holes, dying inside the walls, and releasing odors).

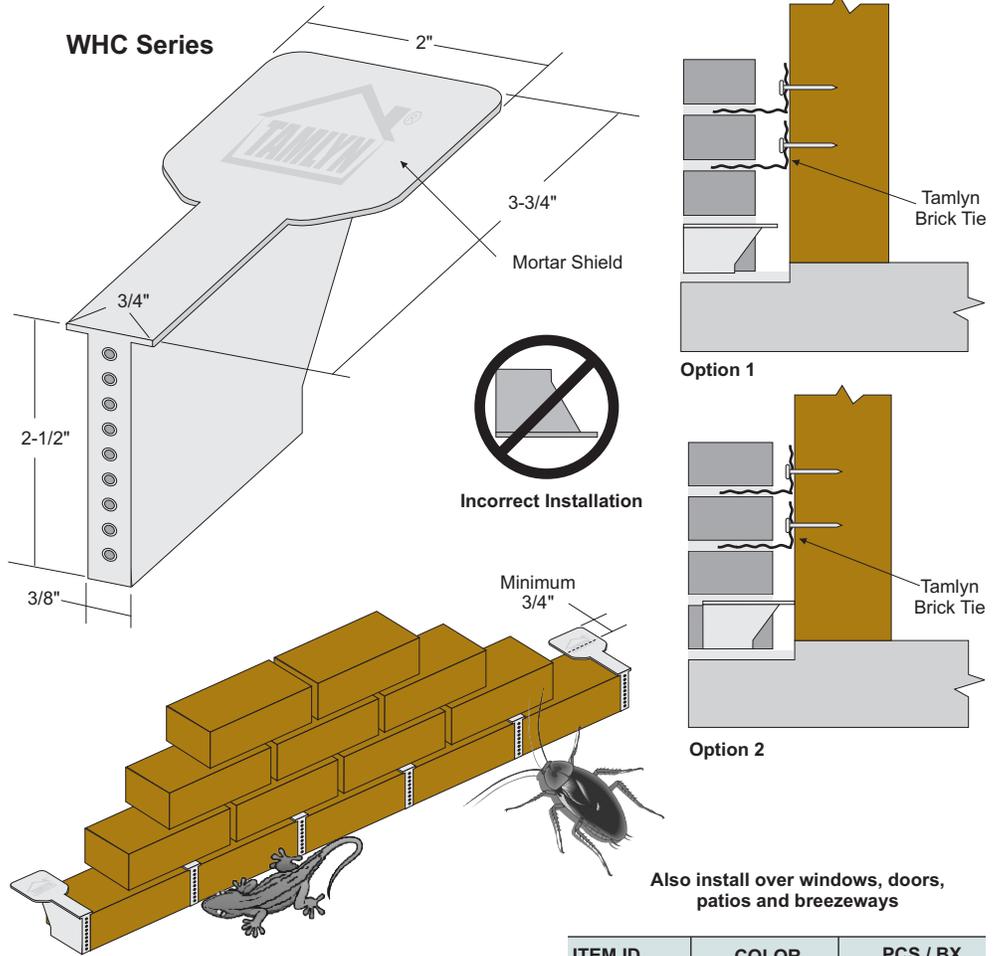
Unique patented-shaped design material permits air and water to move through the material.

Durable, non-reactive material lasts the life of the structure.

Maximum code spacing is 33" apart, for greater benefit, much closer spacing is recommended (codes are minimum standards) such as every brick.

Complies with the 2000 International Residential Code.

Mice can enter a structure from a hole as small as 1/4" in diameter. The typical weep hole is larger than that.



Also install over windows, doors, patios and breezeways

ITEM ID	COLOR	PCS / BX
WHC-40	GRAY	40
WHC-40W	WHITE	40

RETROFIT WEEP HOLE COVER™

US Patent # 6,474,031

DESIGN FEATURES: Most common method for roaches, rodents, snakes, spiders, scorpions and lizards etc. to enter the home is through weep holes (Mice need 1/4" opening).

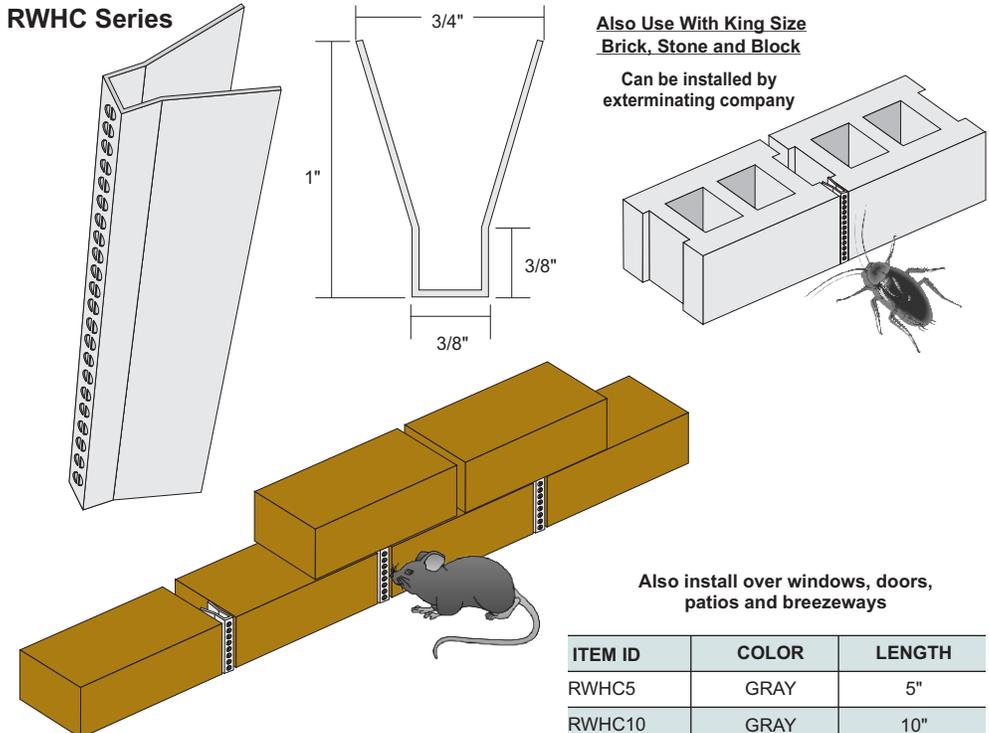
Helps maintain good indoor air quality objectives accepted by US EPA / Green Building Programs while allowing weep holes to drain/vent. May be easily removed if cleaning is necessary to remove debris, or to replace. We recommend cleaning debris buildup and checking weep hole cover condition every 1-2 years.

Naturally helps to pest proof a home/building without pesticides. Physical barrier very effectively denies access by pests.

Clear caulk may be used on sides and at top and bottom of installed part to really set in place.

Thin design means air/water travel easier from the wall cavity out.

Keep weep holes same height for best aesthetics when drilling to clean out.



Also install over windows, doors, patios and breezeways

ITEM ID	COLOR	LENGTH
RWHC5	GRAY	5"
RWHC10	GRAY	10"

CORRUGATED WALL TIES

US Patent Pending
US Trademark # 3,196,848

DESIGN FEATURES: Ties masonry to wall studs.

PACKAGING: Corrugated wall ties available in Stackpack® pioneered by Tamlyn (lined up tightly in box) or bulk (loose in box). Suppliers can sell stackpack by the sleeve or even by the piece count (250 or 500) and store 5 pallets on top of each other. **Also available in retail pack of 100.**

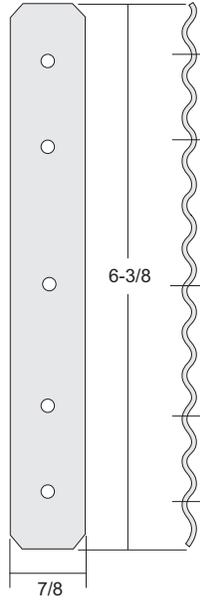


New 100 count box

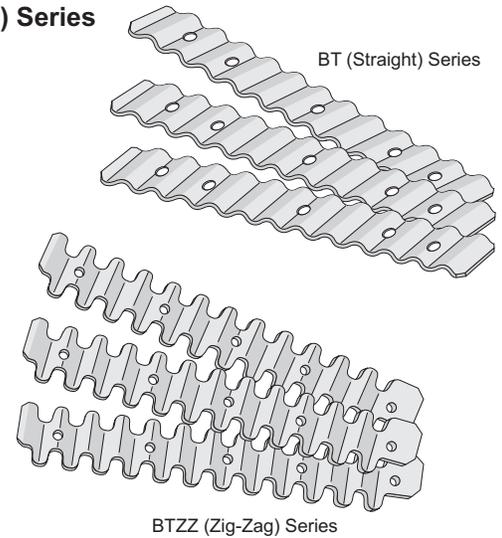
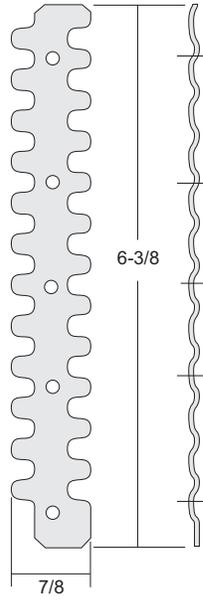
WARNING: Repeated bending of steel is unnecessary, will weaken the strength of the product, may create fracture at the bend line, and is considered an abuse of the product, voiding any performance warranty. Fractured steel will not perform as designed and should be discarded immediately. Only one bend of the product to the desired 90° form should be required.

MATERIAL: 22 ga. and 28 ga. Galvanized Steel. **Also available in hot dip galvanized after fabrication (in accordance with ASTM A153 B3) and stainless steel (type 3042B) for optimal corrosion resistance.** Stainless steel is absolutely best material for longevity. Field studies show regular galvanized wall ties can deteriorate and fail within 10 years. Be certain compatible fasteners are used (e.g., stainless steel nails with stainless steel wall ties). Painted steel over galvanized is acceptable and actually superior.

BT (Straight) Series



BTZZ (Zig-Zag) Series



Smooth Edges for Easier, Safer, Faster Installation!

ITEM ID	TYPE	GAUGE	MATERIAL	LOAD @ FAILURE	PACKAGING
BT16HDG	STRAIGHT	16	HOT-DIPPED	--	BULK
BT16SP	STRAIGHT	16	GALVANIZED	--	STACKPACK®
BT22BULK	STRAIGHT	22	GALVANIZED	1370	BULK
BT22HDG	STRAIGHT	22	HOT DIPPED	1370	BULK
BT22SP	STRAIGHT	22	GALVANIZED	1370	STACKPACK®
BT22SS	STRAIGHT	22	STAINLESS STEEL	--	STACKPACK®
BT22ZZSP	ZIGZAG	22	GALVANIZED	1370	STACKPACK®
BT28500SP	STRAIGHT	28	GALVANIZED	604	STACKPACK®
BT28ZZ5SP	ZIGZAG	28	GALVANIZED	604	STACKPACK®

TRIANGLE TIES

DESIGN FEATURES: Ties veneer anchor to masonry.

MATERIAL: 3/16" galvanized steel wire
Also available in hot dip galvanized after fabrication. Call for availability.

DOVETAIL TRIANGLE TIES

DESIGN FEATURES: Ties masonry wall to concrete with anchor slot installed.

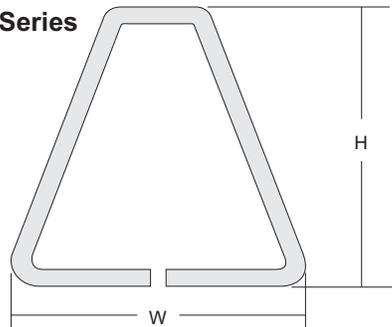
MATERIAL: 3/16" galvanized steel wire and 12 ga. galvanized steel.
Also available in hot dip galvanized after fabrication. Call for availability.

ADJUSTABLE SCREW-ON VENEER WALL TIES

DESIGN FEATURES: Commercial adjustable masonry veneer anchor ties veneer to steel studs. Has reinforced deformations and 1/4" holes.

MATERIAL: 12 ga. galvanized steel.
Also available in hot dip galvanized after fabrication. Call for availability.

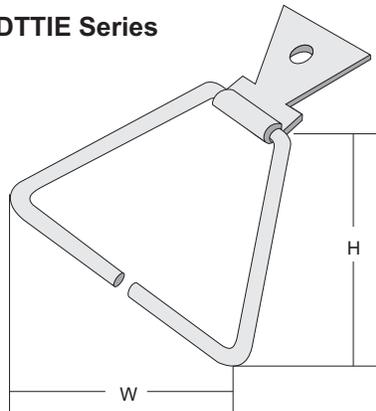
VATIE Series



Triangle Ties - VATIE Series

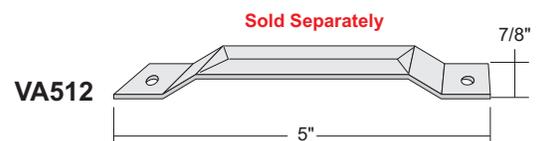
ITEM ID	WIDTH	HEIGHT
VA3TIE	3"	3"
VA4TIE	4"	4"
VA5TIE	5"	5"
VA7TIE	7"	7"

DTTIE Series



Dovetail Triangle Ties - DTTIE Series

ITEM ID	WIDTH	HEIGHT
DT3TIE	3"	3"
DT4TIE	4"	4"
DT5TIE	5"	5"
DT7TIE	7"	7"



Sold Separately

VA512

Adjustable Screw-On Veneer Wall Ties

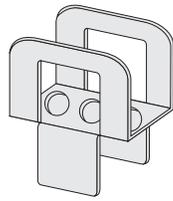
ITEM ID	WIDTH	LENGTH
DT3TIE	7/8"	5"

PLYWOOD CLIP

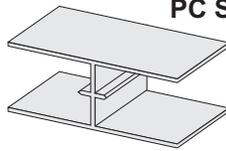
DESIGN FEATURES: For quick, easy installation between plywood panels for roof sheathing or panelized construction .. provide structural support .. reduce normal plywood deflection between panels .. embossed dimples/built-in spacer type feature provide APA recommended 1/8" gap.

MATERIALS:

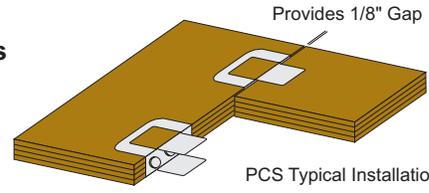
PC - extruded mill aluminum
PCS - 20 ga. galvanized steel



PCS Series



PC Series



ITEM ID	REF.	PANEL THICKNESS	MAXIMUM ROOF SPAN		NUMBER OF PC OR PCS PER SPAN
			WITH PC OR PCS	WITHOUT PC OR PCS	
PCS716 / PC716	PSCL 7/16	7/16	24	24	1
PCS1532 / PC1532	PSCL 15/32	15/32	32	28	1
PCS12	PSCL 1/2	1/2	32	28	1
PCS58 / PC58	PSCL 5/8	5/8	40	32	1
PCS1932	PSCL 19/32	19/32	40	32	1
PCS34 / PC34	PSCL 3/4	3/4	48	36	2
PCS2332		23/32	48	36	2

PLYLOX™ WINDOW CLIP

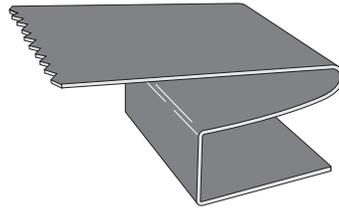
US Patent # 5,634,618

DESIGN FEATURES: PLYLOX™ window clips are the ingenious, inexpensive, non-destructive way to protect your windows from high winds and airborne debris. Installed in seconds, PLYLOX™ window clips slide onto the edge of a 1/2" and 5/8" plywood sheet which is then easily inserted into the exterior window casings of your home or business. No drilling holes. After protecting your home or business from high winds and flying debris, the plywood can be removed in seconds without tools.

Proven in Hurricanes Katrina, Rita, and Charley

NOTE: PLYLOX™ clip usage requires an inset window for the clip to grab (Brick, Stucco, etc). Otherwise you have to use fasteners that penetrate at least 1-1/2" into the frame of the house

Plylox™



An economic alternative to expensive hurricane windows

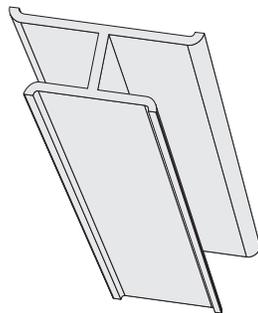


FOAM BOARD DIVIDER™

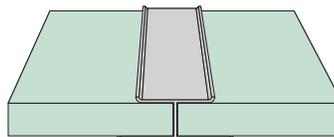
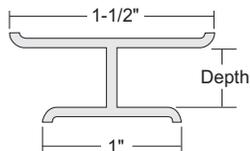
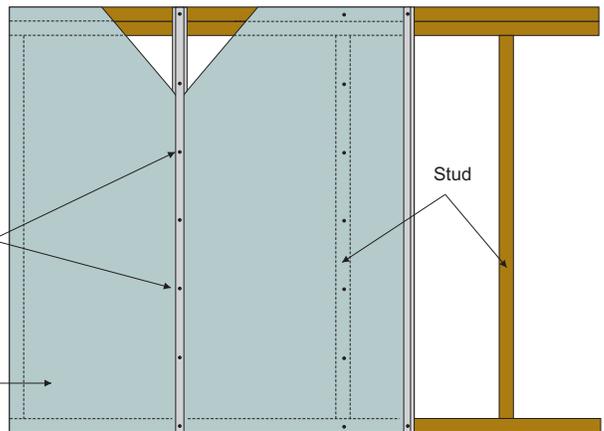
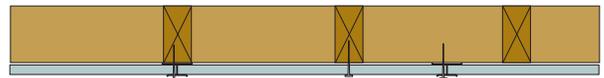
US Patent Pending
US Trademark Pending

DESIGN FEATURES: Designed to work with all foam board insulation products. Longer lasting, more effective than tape that will eventually fail. Designed to stop air and water penetration at seams.

Tamlyn Foam Board Divider has passed testing with foam board panels and Styrofoam SIS™ Brand Structural Insulated sheathing accordance with ASTM E 331-00 as required by the standard under Section 3.4.1 Water Penetration Test Board Dividers installed with exterior foam boards ability to resist water penetration when tested in accordance with ASTM E 330-00 "Standard Test Method for Water Penetration of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference".



Overview



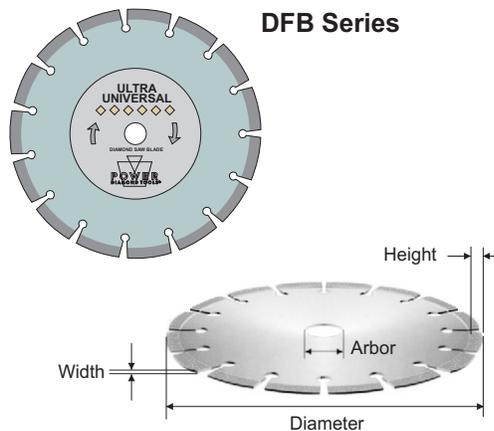
ITEM ID	DEPTH	LENGTH
FBD12	1/2"	8'1" / 9'1"
FBD58	5/8"	8'1" / 9'1"
FBD1	1"	8'1" / 9'1"

FIBER CEMENT DIAMOND BLADES

DESIGN FEATURES: Universal Diamond Blade with Sintered Segments for dry or wet cutting. Low cost and great performance makes the Universal Diamond Blade a favorite among general contractors and do-it-yourself users. This blade will cut almost any material very well.

NOTES:

7" Blade has Diamond Knock Out arbor hole. Fits saws with diamond shaped arbor, 7/8" arbor, & 5/8" arbor.
 4.5" Blade comes with a 7/8" arbor hole with a 5/8" arbor adapter.
 10"-14" Blades come with a 1" arbor hole with 7/8" and 5/8" adapters. 12"-14" Blades has an additional drive pin hole.



1st Choice for Fiber Cement !

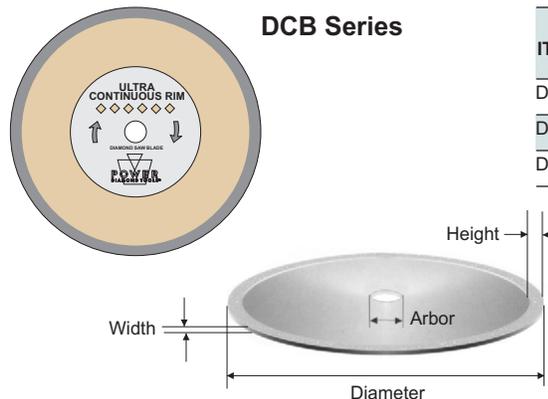
ITEM ID	BLADE DIAMETER	SEGMENT	
		WIDTH	HEIGHT
DFB-00015	4-1/2"	.08"	.28"
DFB-00016	7"	.10"	.30"
DFB-00086	10"	.14"	.34"
DFB-00087	12"	.14"	.34"
DFB-00088	14"	.14"	.34"

CONTINUOUS RIM DIAMOND BLADES

DESIGN FEATURES: Continuous segment sintered to the entire circumference of the blade give this blade an incredible smooth cut. Great choice for ceramic tile, and thin hard materials were chipping needs to be avoided. For most application let blade is used wet but can be run dry.

NOTES: DCB series blades come with a 7/8" arbor hole with a 5/8" arbor adapter.

Other blade sizes and types available. Call for availability.



ITEM ID	BLADE DIAMETER	SEGMENT	
		WIDTH	HEIGHT
DCB-00079	4"	.06"	.28"
DCB-00078	4-1/2"	.06"	.28"
DCB-00080	7"	.07"	.28"



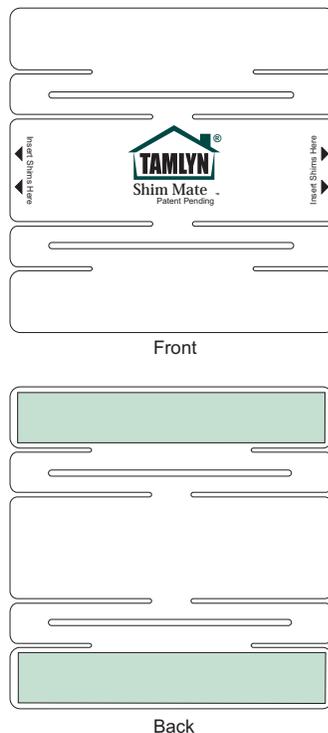
SHIM MATE™ SHIM HOLDER

US Patent Pending

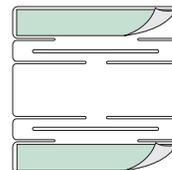
Providing Better Faster Easier Shimming of doors and windows.

DESIGN FEATURES: Shim Mate™ Shim Holder is an ultra-thin patented device designed to hold shims in place!

- Manipulates in 4 directions to compensate for twists and imperfections in the framing.
- Prevents the shims from spinning when scoring and trimming the shims.
- Will install at a 90 degree angle for placement at the top and bottom of the jamb.
- Achieve parallel shimming on exterior door / window installations from one side.
- Allows for easy plumbing of the framing member before inserting the door.
- Holds shims in place during and after the installation.
- Provides a better installation by permanently holding the shims in place.
- Allows for easier leveling and adjusting of the door or window.
- Eliminates falling shims.
- Self adhesive - No tools required.
- Can be penetrated or by nails, screws or staples.
- Accepts all standard wood and composite shims.
- Expands to accept up to 8 shims.
- Can be removed and repositioned if necessary.
- Will not mold, decay, or impair operation of door or window.
- Eliminates the need to nail shims in place.

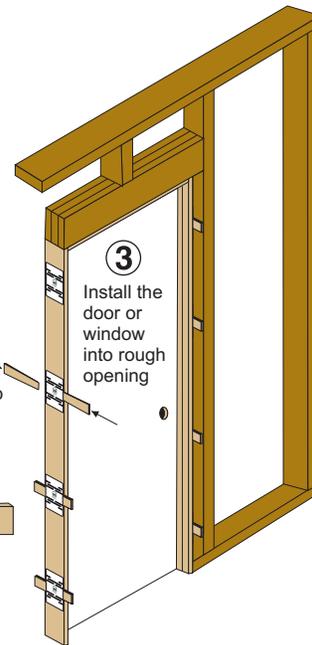
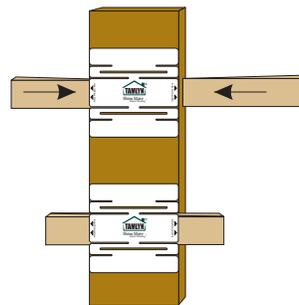


① Remove tape liners located on back side



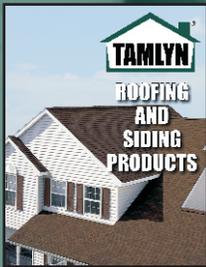
② Adhere firmly onto the door/window jamb or rough opening

④ Insert shims under tab

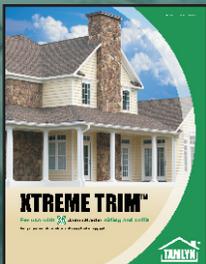


Caution: Shim Mate™ tape strips are highly adhesive and should only be applied to surfaces to which shims will be installed.

ITEM ID	DESCRIPTION
SM612	Shimming Kit Poly-Bag (6 Shim Mates & 12 Shims)
SM612D	Shimming Kit Display Box (12 Shimming Kits)
SM612M	Shimming Kit Master Carton (4 Shimming Kit Display Boxes)



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