H Hybrid Connectors Seismic and Hurricane Ties for Wood Truss or Joist-to-CFS Wall

SIMPSON Strong-Tie

Designed to provide seismic and wind ties for wood trusses or joists-to-CFS walls, this versatile line may be used for general purposes, strongback attachments, and as all-purpose ties where one member crosses another.

HS24 attaches the bottom chord of a truss or rafter at pitches from 0:12 to 4:12 to steel top plates.

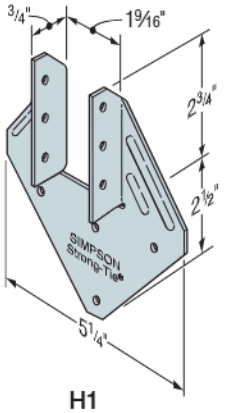
Material: See table

Finish: Galvanized (G90). Selected products available in stainless steel or ZMAX® coating. See Corrosion Information, pp. 19–23.

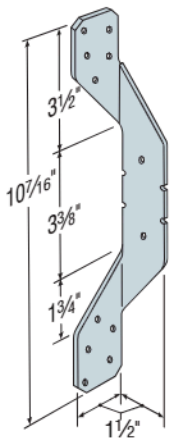
Installation:

- Use all specified fasteners; see General Notes
- H1 can be installed with flanges facing inward (reverse of illustration 1)
- Hurricane ties do not replace solid blocking
- H3 and H6 ties are only shipped in equal quantities of rights and lefts

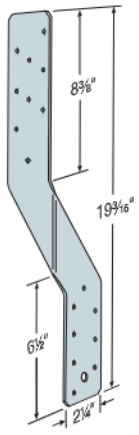
Codes: See p. 13 for Code Reference Key Chart



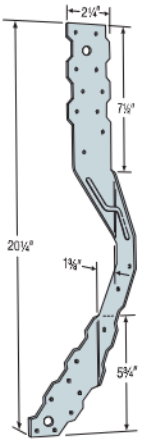
H1



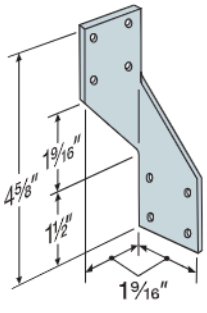
H2A



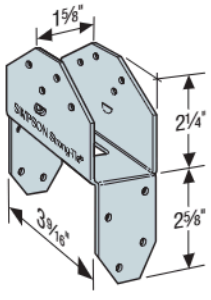
H6



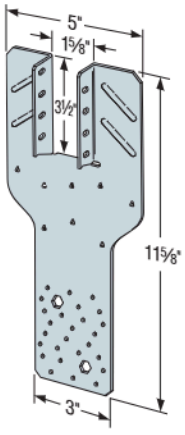
H7Z



H3



HS24
US Patent:
5,603,580



H10S

These products are available with additional corrosion protection. Additional products on this page may also be available with this option. Check with Simpson Strong-Tie for details.

Model No.	Connector Material Thickness mil (ga.)	Fasteners[5]			Allowable Uplift Load 33 mil (20 ga.) (160) (lb.)		Code Ref.
		To Rafters/ Truss	To Top Track	To Stud	DF/SP	SPF/HF	
H1	43 (18)	(6) 8d x 1½"	(3) #10	(1) #10	600	500	
H2A	43 (18)	(5) 8d x 1½"	(1) #10	(5) #10	550	460	
H3	43 (18)	(4) 8d x 1½"	(4) #10	—	365	305	
H6	54 (16)	—	(8) 8d	(8) #10	950	820	—
H7Z	54 (16)	(4) 8d x 1½"	(2) #10	(8) #10	985	845	
HS24	43 (18)	(8) 8d x 1½"	(4) #10	(4) #10	625	520	
H10S[5]	43 (18)	(8) 8d x 1½"	—	(8) #10	930	780	

1. Allowable loads on wood have been increased 60% for wind or earthquake loading with no further increase allowed; reduce where other load duration factors govern.
2. Hurricane Ties are shown installed on the outside of wall for clarity. Installation inside of wall is acceptable. For Continuous Load Path, connections must be on same side of wall.
3. When cross-grain bending or cross-grain tension cannot be avoided, mechanical reinforcement to resist such force should be considered.
4. H10S connectors can be installed ¾" (max.) from the center of the vertical stud per the in-line framing specifications of the AISI General Provisions for reduced uplift of 890 lb., provided that the screw edges are met.
5. See the current *Fastening Systems* catalog at **strongtie.com** for more information on Simpson Strong-Tie fasteners.

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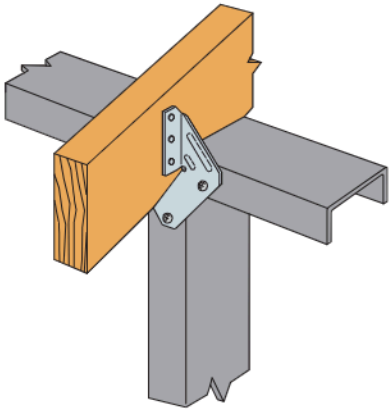
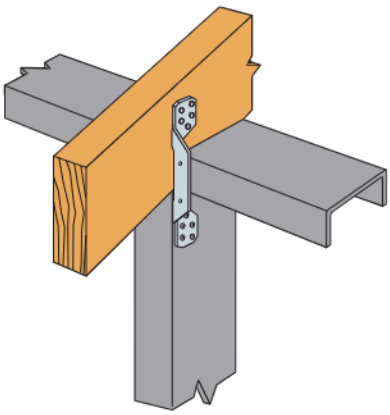
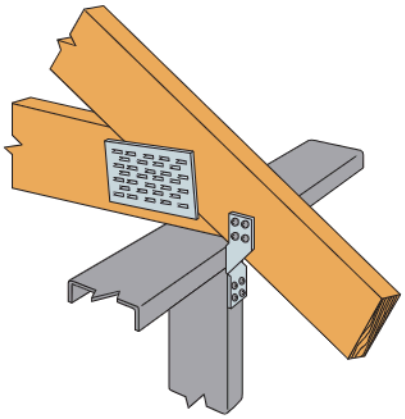


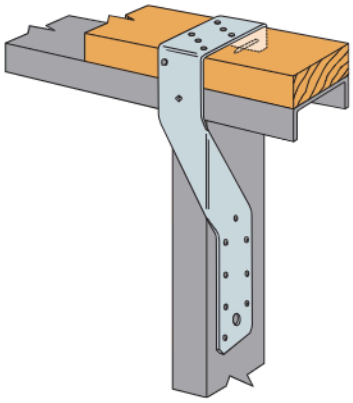
1 H1 Installation



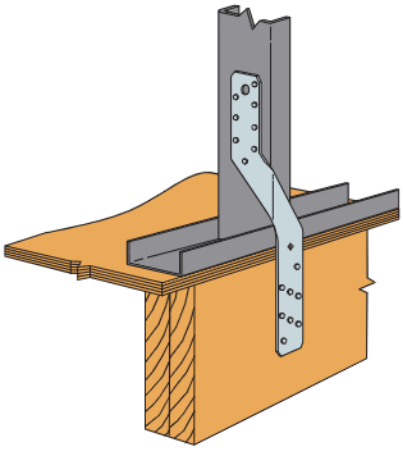
2 H2A Installation



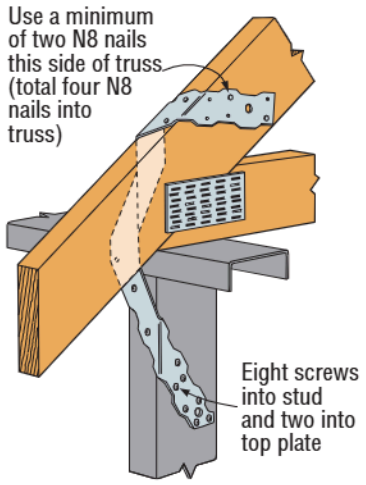
3 H3 Installation



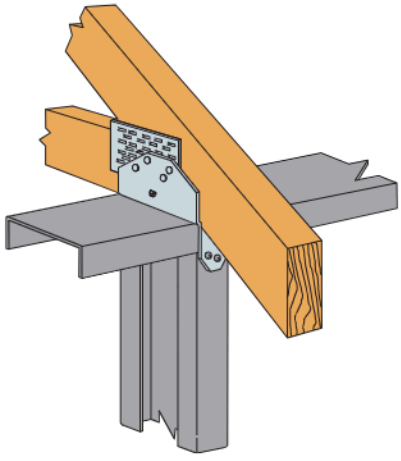
4 H6 Stud-to-Top-Plate Installation



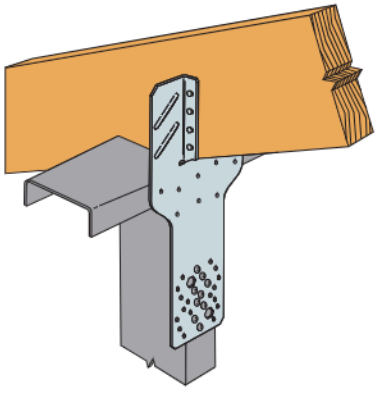
5 H6 Stud-to-Band-Joist Installation



6 H7Z Installation



7 HS24 Installation



8 H10S Installation

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