

# H Hybrid Connectors *Seismic & Hurricane Ties for Wood Truss or Joist-to-CFS Wall*

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. Selected products available in stainless steel or ZMAX® coating. See Corrosion Information, page 12-13.

**Installation:** • Use all specified fasteners. See General Notes

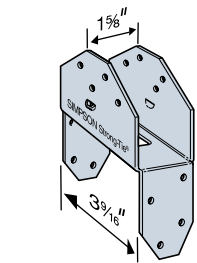
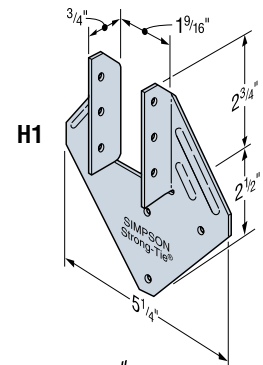
- H1 can be installed with flanges facing inward (*reverse of illustration 1*).
- Hurricane Ties do not replace solid blocking.
- H2.5, H3, and H6 ties are only shipped in equal quantities of rights and lefts.

**Codes:** See page 8 for Code Listing Key Chart.

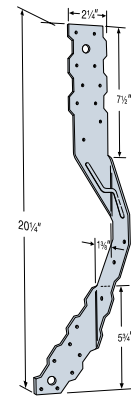
Available with additional corrosion protection. Check with factory.

Model No.	Thickness mil (ga)	Fasteners			Allowable Uplift Loads				Code Ref.
		To Rafters / Truss	To Plates / Top Track	To Studs	DF/SP (133) (160)		SPF/HF (133) (160)		
H1	43 mil (18)	6- 8dx1½"	3- #10	1- #10	490	585	400	400	151
H2	43 mil (18)	5- 8d	—	5- #10	335	335	230	230	
H2.5	43 mil (18)	5- 8d	3- #10	2- #10	415	415	365	365	
H3	43 mil (18)	4- 8d	4- #10	—	400	400	280	280	
H6	54 mil (16)	—	8- 8d	8- #10	915	950	785	820	170
H7Z	54 mil (16)	4- 8dx1½"	2- #10	8- #10	930	985	800	845	
HS24	43 mil (18)	8- 8dx1½"	4- #10	4- #10	625	625	520	520	

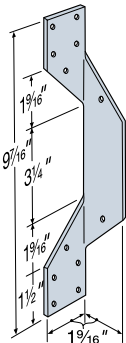
1. Tabulated loads under the 133 and 160 columns have been increased by the wood load duration factor, CD, for seismic and wind loading and may not be increased. They must be reduced when other loads govern. Tabulated loads do not include the 1/3 stress increase.
2. Loads are based on attachment of cold-formed steel members having a minimum thickness of 33 mil (20 ga).
3. 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.
4. When cross-grain bending or cross grain tension cannot be avoided mechanical reinforcement to resist such force should be considered.



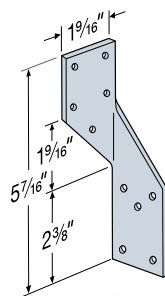
**HS24**  
U. S. Patents  
5,603,580



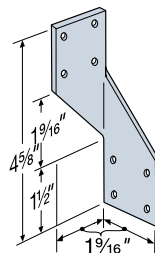
**H7Z**



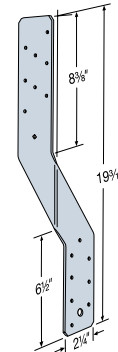
**H2**



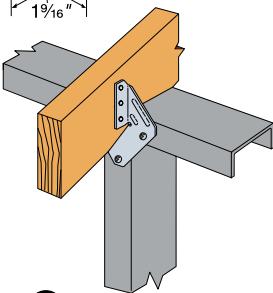
**H2.5**



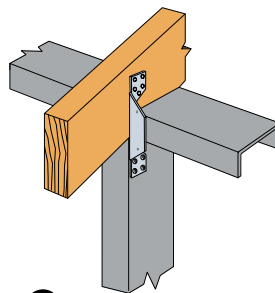
**H3**



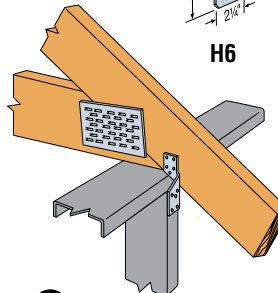
**H6**



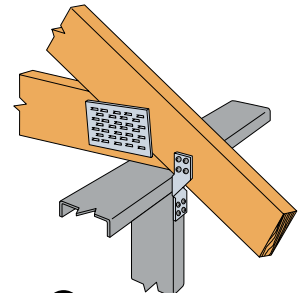
**1 H1 Installation**



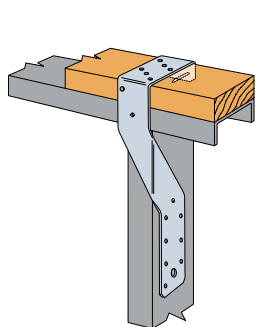
**2 H2 Installation**



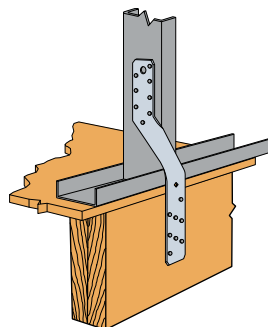
**3 H2.5 Installation**



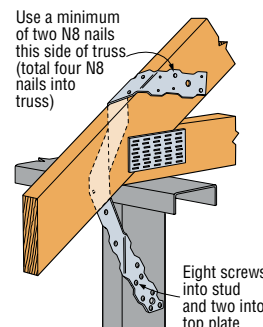
**4 H3 Installation**



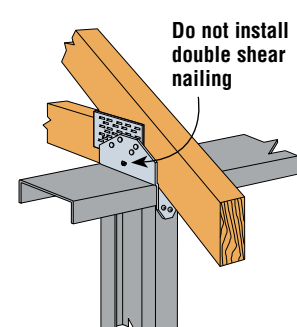
**5 H6 Stud to Top Plate Installation**



**6 H6 Stud to Band Joist Installation**



**7 H7Z Installation**



**8 HS24 Installation**