

The H16-2 series has a presloped seat of 5/12, for double trusses.

The H connector series provides wind and seismic ties for trusses and rafters.

The presloped 5/12 seat of the H16 provides for a tight fit and reduced deflection. The strap length provides for various truss height up to a maximum of 13 1/2" (H16 series). Minimum heel height for H16 series is 4".

The HGA10 attaches to gable trusses and provides good lateral wind resistance. The HS24 attaches the bottom chord of a truss or rafter at pitches from 0:12 to 4:12 to double 2x4 top plates. Double shear nailing allows for higher lateral resistance.

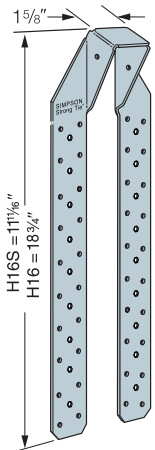
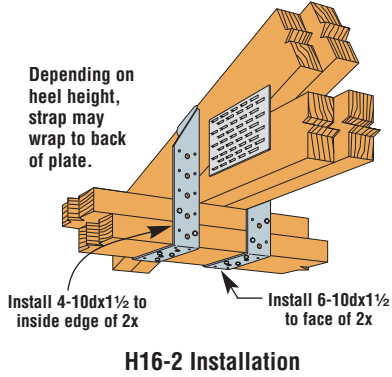
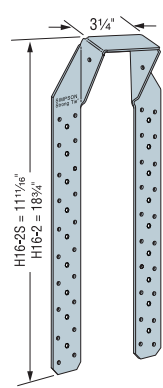
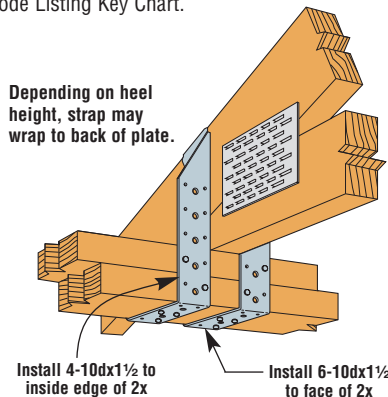
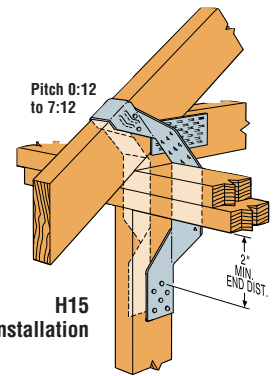
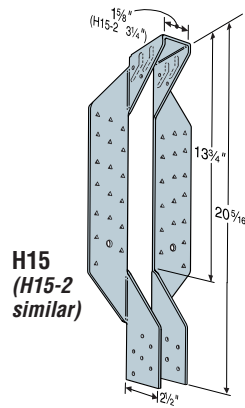
**MATERIAL:** See table

**FINISH:** Galvanized. Some products available in stainless steel or Z-MAX; see Corrosion-Resistance, page 5.

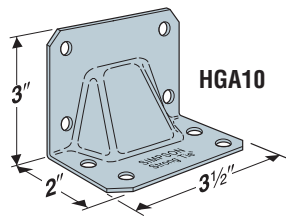
**INSTALLATION:** • Use all specified fasteners. See General Notes.

- The HGA10KT: screws are provided.
- HS24 requires slant nailing only when bottom chord of truss or rafter has no slope.
- Hurricane Ties do not replace solid blocking.

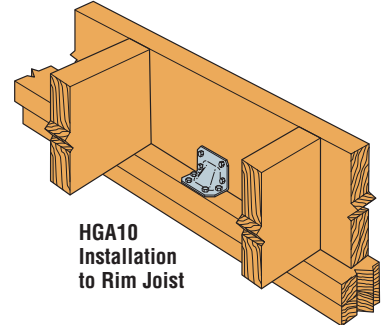
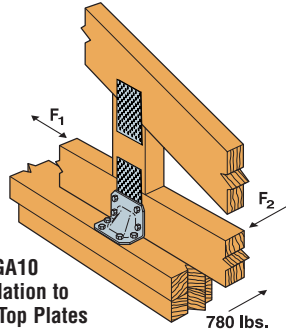
**CODES:** See page 10 for Code Listing Key Chart.



**H16 and H16S**  
Presloped at 5:12. Pitch of 3:12 to 7:12 is acceptable



**HGA10 Installation to Double Top Plates**

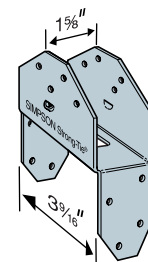


**HGA10 Installation to Rim Joist**

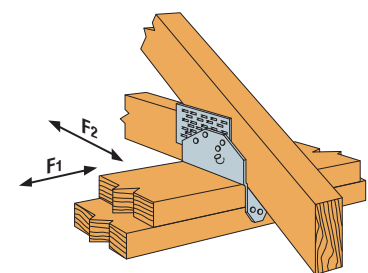
Model No.	Ga	Fasteners			Uplift Avg UIt	DF/SP Allowable Loads <sup>1</sup>				SPF/HF Allowable Loads <sup>1</sup>				Code Ref.
		To Rafters/Truss	To Plates	To Studs		Uplift		Lateral (133/160)		Uplift		Lateral (133/160)		
						(133)	(160)	F <sub>1</sub>	F <sub>2</sub>	(133)	(160)	F <sub>1</sub>	F <sub>2</sub>	
HGA10KT	14	4-SDS 1/4x1 1/2	4-SDS 1/4x3	—	1523	435	435	1165	940	375	375	870	815	160
HS24	18	8-8dx1 1/2 & 2-8d slant	8-8d	—	2205	605 <sup>3</sup>	605 <sup>3</sup>	645 <sup>3</sup>	1025 <sup>3</sup>	520	520	555	880	9, 62
H15	16	4-10dx1 1/2	4-10dx1 1/2	12-10dx1 1/2	6070	1300	1300	480	—	1120	1120	410	—	6, 38, 143
H15-2	16	4-10dx1 1/2	4-10dx1 1/2	12-10dx1 1/2	6070	1300	1300	480	—	1120	1120	410	—	160
H16	18	2-10dx1 1/2	10-10dx1 1/2	—	4582	1470	1470	—	—	1265	1265	—	—	160
H16S	18	2-10dx1 1/2	10-10dx1 1/2	—	4582	1470	1470	—	—	1265	1265	—	—	160
H16-2	18	2-10dx1 1/2	10-10dx1 1/2	—	4582	1470	1470	—	—	1265	1265	—	—	160
H16-2S	18	2-10dx1 1/2	10-10dx1 1/2	—	4582	1470	1470	—	—	1265	1265	—	—	160

1. Loads have been increased 33% and 60% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.  
2. When cross-grain bending or cross-grain tension cannot be avoided, mechanical reinforcement to resist such forces should be considered.

3. HS24 allowable loads without slant nailing are 625 lbs (uplift), 590 lbs (F<sub>1</sub>), 640 lbs (F<sub>2</sub>).  
4. For H16-2S, S = short.



**HS24**  
U.S. Patents 4,480,941 and 5,603,580  
Canada Patent 1,193,418



**HS24 Installation**