

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.

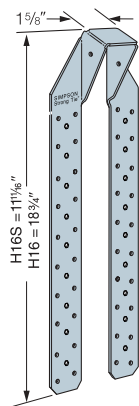
MATERIAL: See table

FINISH: Galvanized. Some models available in stainless steel or Z-MAX; see Corrosion-Resistance, page 7.

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

- The HGA10 can be installed into wood. 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.

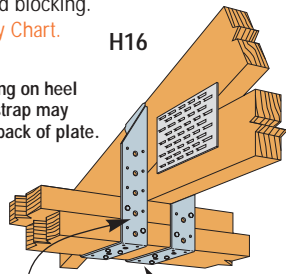
CODES: See page 8 for Code Listing Key Chart.



H16 and H16S

Presloped at 5:12. Pitch 3:12 to 7:12 is acceptable

Depending on heel height, strap may wrap to back of plate.

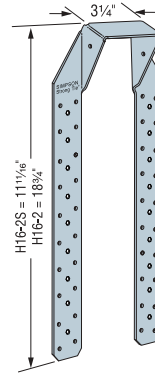


Install 4-10dx1 1/2 to inside edge of 2x

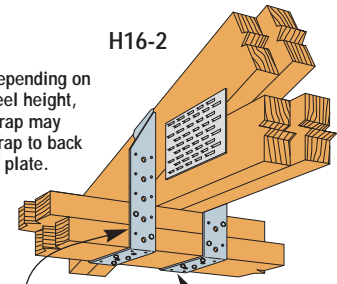
Install 6-10dx1 1/2 to face of 2x

H16-2 and H16-2S

Presloped at 5:12. Pitch 3:12 to 7:12 is acceptable

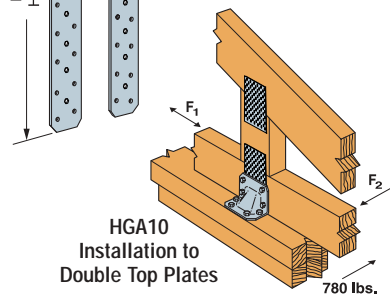


Depending on heel height, strap may wrap to back of plate.

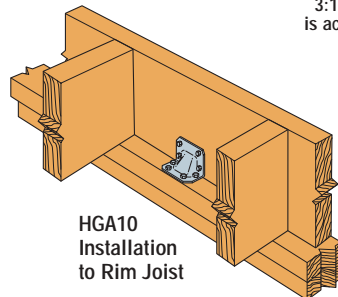


Install 4-10dx1 1/2 to inside edge of 2x

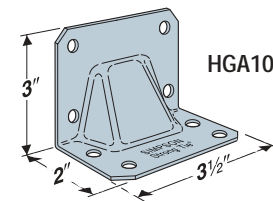
Install 6-10dx1 1/2 to face of 2x



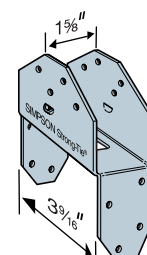
HGA10 Installation to Double Top Plates



HGA10 Installation to Rim Joist

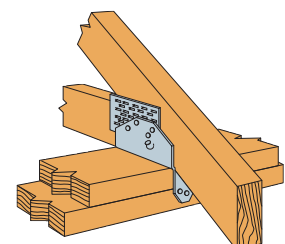


HGA10



HS24

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



HS24 Installation

Model No.	Ga	Fasteners			Uplift Avg Ult	Doug-Fir Larch/So. Pine Allowable Loads ¹				Spruce-Pine-Fir Allowable Loads ¹				Code Ref.
		To Rafters/Truss	To Plates	To Studs		Uplift		Lateral (133/160)		Uplift		Lateral (133/160)		
						(133)	(160)	F ₁	F ₂	(133)	(160)	F ₁	F ₂	
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 ³	605 ³	645 ³	1025 ³	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, 39
H15-2	16	4-10dx1 1/2	4-10dx1 1/2	12-10dx1 1/2	6070	1300	1300	480	—	1120	1120	410	—	6, 39
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 (F₁), 640 lbs (F₂).

4. For H16-2S, S = short.

HL HEAVY ANGLES AND GUSSETS

Versatile angle gussets and heavy angles promote standardization and construction economy, and are compatible with Strong-Tie structural hardware.

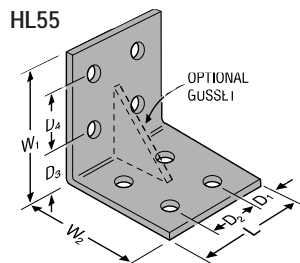
FINISH: HL33, 35, 53, 55 are galvanized; others Simpson gray paint.

OPTIONS: Gussets may be added to HL models when L ≥ 5" (specify G after model number, as in HL46G).

CODES: See page 8 for Code Listing Key Chart.

Model No.	Ga	Dimensions							Bolts		Code Ref.
		W ₁ & W ₂	L	D ₁	D ₂	D ₃	D ₄	Qty	Dia		
HL33	7	3 3/4	2 1/2	1 1/4	—	2	—	2	5/8	180	
HL35	7	3 3/4	5	1 1/4	2 1/2	2	—	4	5/8		
HL53	7	5 3/4	2 1/2	1 1/4	—	2	2 1/2	4	5/8		
HL55	7	5 3/4	5	1 1/4	2 1/2	2	2 1/2	8	5/8		
HL43	3	4 1/4	3	1 1/2	—	2 3/4	—	2	3/4		
HL46	3	4 1/4	6	1 1/2	3	2 3/4	—	4	3/4		
HL73	3	7 1/4	3	1 1/2	—	2 3/4	3	4	3/4		
HL76	3	7 1/4	6	1 1/2	3	2 3/4	3	8	3/4		

HL55



1. Connectors are not load rated.