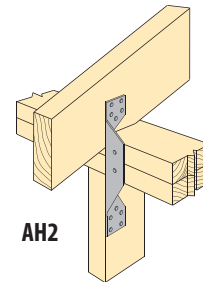
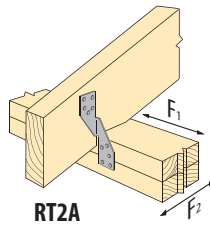
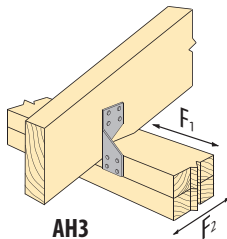
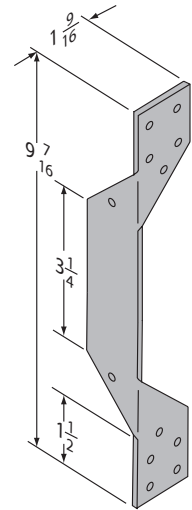
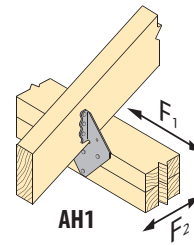
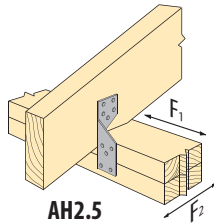
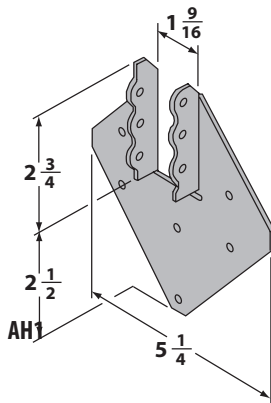
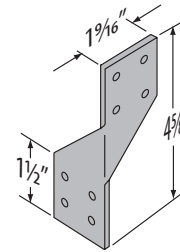
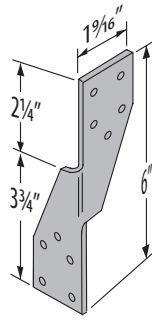
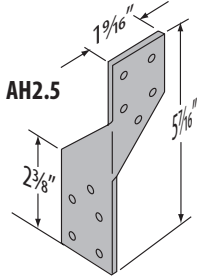


AH hurricane ties provide wind and earthquake uplift connections for rafters, trusses and other roof systems.

MATERIAL: See table for steel gauge.

FINISH: Galvanized steel.

CODES: See page 4 for code reference information.



Model No.	Ref. No.	Ga.	Fasteners			DF/SP Allowable Loads			Uplift Load with 8dx1 1/2 Nails (160)	SPF/HF Allowable Loads			
			To Rafter/Truss	To Plate	To Stud	Uplift (160)	Lateral (160)			Uplift (160)	Lateral (160)		Uplift Load with 8dx1 1/2 Nails (160)
							F ₁	F ₂			F ₁	F ₂	
AH1	AH1	18	6-8dx1 1/2	4-8d	----	585	485	165	455	400	415	140	370
AH2	AH2	18	5-8d	----	5-8d	335	----	----	335	230	----	----	----
RT2A	AH2.5	18	5-8d	5-8d	----	415	150	150	415	365	130	130	365
AH2.5A	RT2	18	5-10d	5-10d	----	765	110	110	480	535	110	110	480
AH3	AH3	18	4-8d	4-8d	----	455	125	160	415	320	105	140	290

1. Loads have been increased 60% for wind and earthquake loading. No further increase is allowed. Reduce loads where other load durations govern.
2. Allowable loads are for one anchor. When two anchors are used on the same side of the plate opposite each other, the minimum rafter thickness is 2 1/2" to avoid splitting of the wood. An exception is if connectors are installed such that the rafter nails from each connector do not interfere with each other.
3. Allowable loads in the F₁ direction are not intended to prevent cross grain bending of truss or rafter member or to replace diaphragm boundary members.
4. Hurricane tie are shown in the application drawings on the outside of the wall but may be

5. installed on the inside as well. When installed on the outside of the wall there must be a minimum overhang of 3 1/2" to avoid splitting of the wood. For Continuous Load Path uplift, connectors in the same load path must be attached to the same side of the wall.
6. Southern Pine allowable uplift loads for AH10A = 1340 lbs and for AH14 = 1465 lbs.
7. AH10S is designed for a maximum stud to rafter/truss center to center offset of 1".
8. AH10S specified plate nails are not required for uplift but are for lateral loads.
9. **Nails:** 16d = 0.162" dia x 3 1/2" long, 16dx2 1/2 = 0.162" dia x 2 1/2" long, 10d = 0.148" dia. x 3" long, 10dx1 1/2 = 0.148" dia x 1 1/2" long, 8dx1 1/2 = 0.131 dia. x 1 1/2" long. See page 4 for other nail sizes and information.