

LTP4/LTP5/A34/A35 Framing Angles & Plates

The larger LTP5 spans subfloor at the top of the blocking or rim joist. The embossments enhance performance and the min/max nailing option allows for design flexibility.

The LTP4 Lateral Tie Plate transfers shear forces for top plate-to-rim joist or blocking connections. Nail holes are spaced to prevent wood splitting for single and double top plate applications. May be installed over plywood sheathing.

The A35 anchor's exclusive bending slot allows instant, accurate field bends for all two- and three-way ties. Balanced, completely reversible design permits the A35 to secure a great variety of connections.

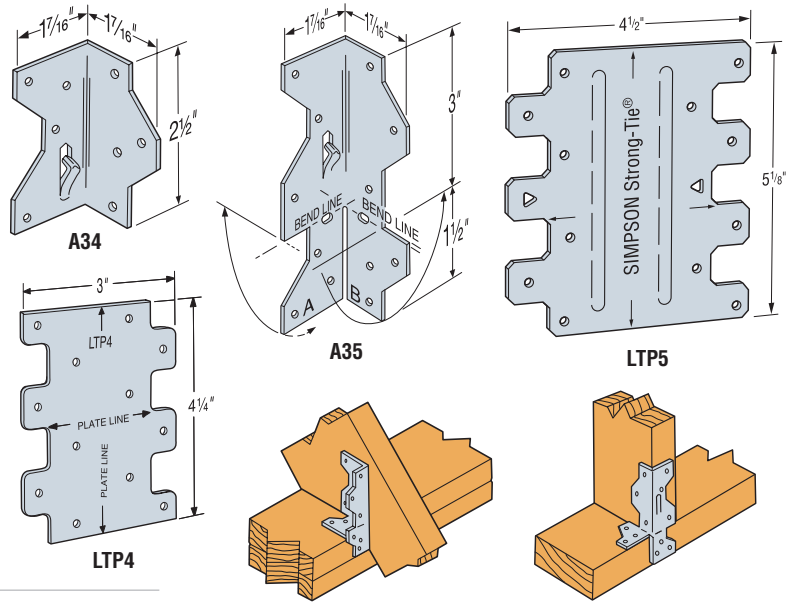
MATERIAL: LTP4/LTP5—20 gauge; all others—18 gauge

FINISH: Galvanized. Some products available in stainless steel or ZMAX® coating; see Corrosion Information, page 10-11.

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

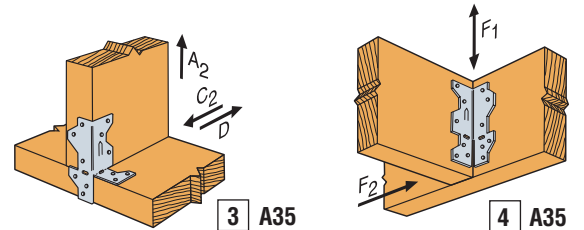
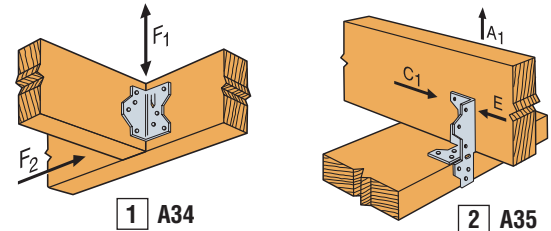
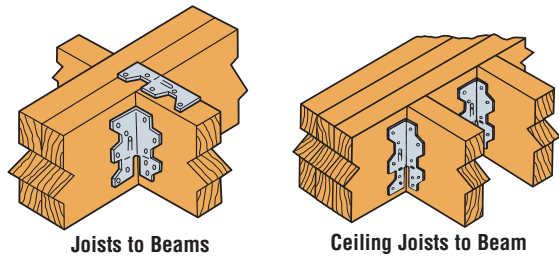
- A34—Use 8-8dx1½ nails.
- A35—Use 12-8dx1½ nails.
- A35—Use 9-8dx1½ nails for connection types A1, E, C1.
- A35—Bend one time only.
- LTP4—Use 12-8dx1½ nails.
- LTP5—Use 12-8dx1½ nails; G Max use 14-8dx1½ nails.

CODES: See page 12 for Code Reference Key Chart.



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.	Type of Connection	Direction of Load	DF/SP Allowable Loads			SPF/HF Allowable Loads			Code Ref.
			Floor (100)	Roof (125)	(160)	Floor (100)	Roof (125)	(160)	
A34	1	F ₁	395	485	515	340	415	445	IP1, L21, F13
		F ₂ ⁶	395	455	455	340	390	390	
A35	2	A ₁ , E	295	365	395	255	315	340	
		C ₁	210	210	210	180	180	180	
	3	A ₂	295	365	380	255	315	325	
		C ₂	295	365	370	255	315	320	
	4	D	230	230	230	200	200	200	
		F ₁	595	695	695	510	600	600	
LTP4	5	F ₂ ⁶	595	670	670	510	575	575	
		G	515	645	670	445	555	575	
LTP5	6	H	515	645	670	445	555	575	
		G	585	620	620	505	535	535	
		H	545	545	545	470	470	470	



1. Allowable loads are for one anchor. When anchors are installed on each side of the joist, the minimum joist thickness is 3".
2. Roof loads are 125% of floor loads unless limited by other criteria.
3. Some illustrations show connections that could cause cross-grain tension or bending of the wood during loading if not reinforced sufficiently. In this case, mechanical reinforcement should be considered.
4. LTP4 can be installed over 3/8" structural sheathing with 8dx1½ nails and achieve 0.72 of the listed load, or over 1/2" and achieve 0.64 of the listed load. 8d commons will achieve 100% load.
5. The LTP5 may be installed over structural sheathing up to 1/2" thick using 8dx1½ nails with no reduction in load.
6. Connectors are required on both sides to achieve F₂ loads in both directions.
7. **NAILS:** 8dx1½ = 0.131" dia. x 1½" long. See page 16-17 for other nail sizes and information.

