

A

Angle

Our line of angles provides a way to make a wide range of 90° connections.

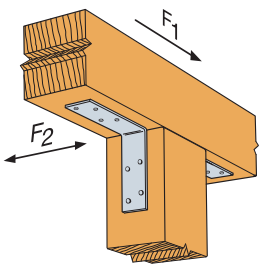
Material: A21 and A23 — 18 gauge;
all other A angles — 12 gauge

Finish: Galvanized. Some products available in stainless steel or ZMAX® coating.

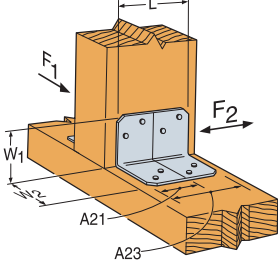
Installation:

- Use all specified fasteners; see General Notes

Codes: See p. 13 for Code Reference Key Chart



A44 Installation
(A33 similar)



A21/A23 Installation

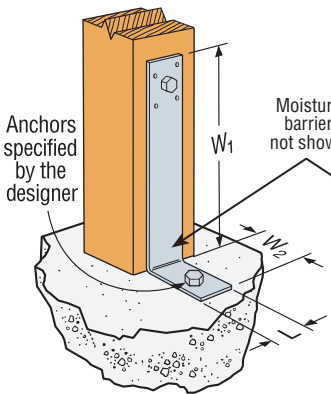
These products are available with additional corrosion protection. For more information, see p. 16.



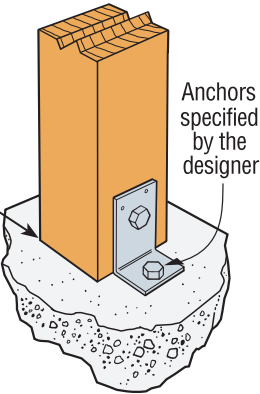
Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 362–366 for more information.

Model No.	Dimensions (in.)			Fasteners (in.)				DF/SP Allowable Loads		Code Ref.
	W ₁	W ₂	L	Base		Post		(160)		
				Bolts	Nails	Bolts	Nails	F ₁ ³	F ₂	
A21	2	1½	1¾	—	(2) 0.148 x 1½	—	(2) 0.148 x 1½	330	150	IBC®, FL, LA
A23	2	1½	2¾	—	(4) 0.148 x 1½	—	(4) 0.148 x 1½	680	535	
A33	3	3	1½	—	(4) 0.148 x 3	—	(4) 0.148 x 3	765	340	
A44	4⅝	4¾	1½	—	(4) 0.148 x 3	—	(4) 0.148 x 3	775	290	
A66	5⅞	5⅞	1½	(2) ⅝	(3) 0.148 x 3	(2) ⅝	(3) 0.148 x 3	—	—	—
A88	8	8	2	(3) ⅝	(4) 0.148 x 3	(3) ⅝	(4) 0.148 x 3	—	—	
A24	3⅞	2	2½	(1) ½	—	(1) ½	(2) 0.148 x 3	—	—	
A311	11	3⅝	2	(1) ½	—	(1) ½	(4) 0.148 x 3	—	—	

1. See pp. 276–277 for Straps and Ties General Notes.
2. For SPF/HF lumber, use 0.86 x DF/SP allowable loads.
3. Connectors are required on both sides to achieve F₁ loads in both directions.
4. All references to bolts are for structural-quality through bolts (not lag screws or carriage bolts) equal to or better than ASTM A307, Grade A.
5. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 23–24 for fastener information.



A311 Installation



A24 Installation