



The BCS post caps provide sizes for connecting 2-ply or 3-ply beams to the tops of 4 x 4 and 6 x 6 posts, respectively. Slant nailing reduces the amount of nails required for the connector.

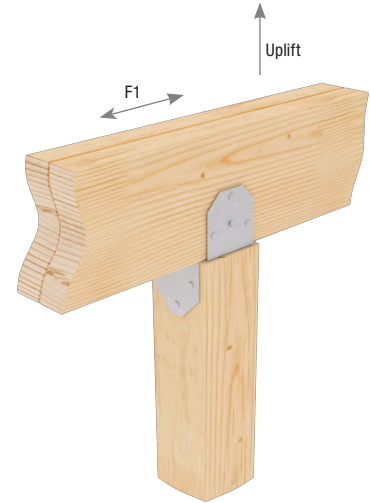
**Materials:** 18 gauge

**Finish:** G90 galvanizing

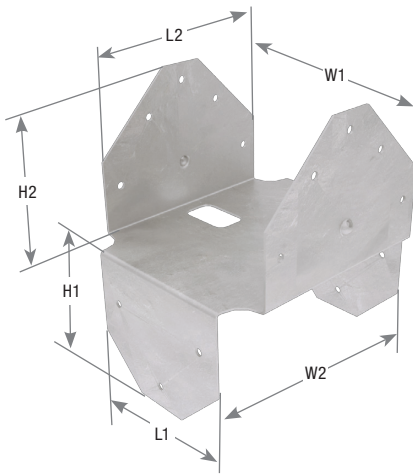
**Options:** BCS22-4 and BCS23-6 are available in Triple Zinc. To order, add TZ to stock number as in BCS22-4TZ.

**Installation:**

- Place post cap on top of post and fasten cap to post using specified nails.
- Place beam between top flanges of the cap and install all specified nails into beam.
- Install slant nails through dimple holes at a 30° to 45° angle through the beam into the post to achieve listed loads. **Standard length “common” nails must be used to achieve listed load values.**
- For outdoor applications and when used in contact with preservative treated wood, hot-dip galvanized nails must be used.



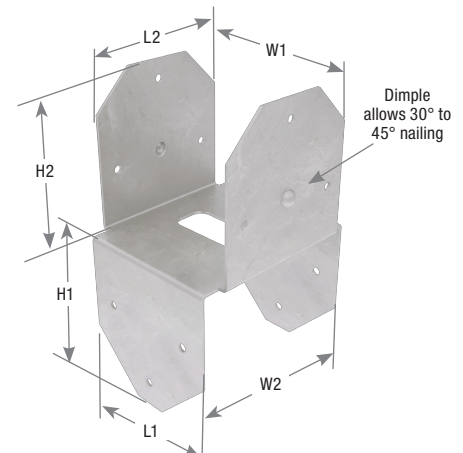
**Typical BCS22-4 installation**



**BCS23-6**



**Typical BCS23-6 installation**



**BCS22-4**

Post Size	USP Stock No.	Ref. No.	Dimensions (in)						Fastener Schedule <sup>2</sup>			DF Factored Resistance <sup>1</sup>		S-P-F Factored Resistance <sup>1</sup>		Ctn Qty	
			W1	W2	H1	H2	L1	L2	Post Qty	Beam Qty	Type	Unit	Uplift 115%	F1 115%	Uplift 115%		F1 115%
4 x 4	BCS22-4	BCS2-2/4	3-1/8	3-9/16	2-15/16	2-15/16	2-7/8	2-7/8	6	8	10d	Lbs	1265	1555	1150	1485	20
												kN	5.63	6.92	5.12	6.61	
6 x 6	BCS23-6	BCS2-3/6	4-5/8	5-5/8	3	3-3/8	3-1/2	4-3/8	6	12	16d	Lbs	1460	2385	1315	2295	10
												kN	6.49	10.61	5.85	10.21	

1) Short-term load duration factor  $K_D = 1.15$  has been taken into consideration; no further increase allowed.

2) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.