

Post Caps

BCS series

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

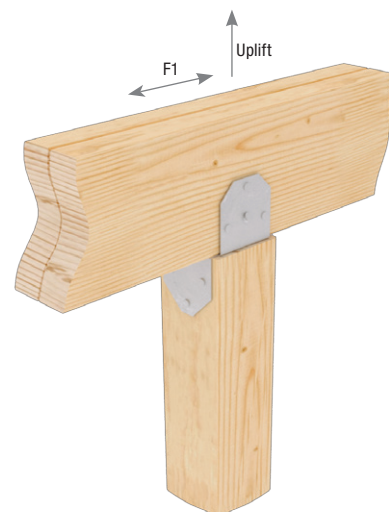
Materials: 18 gauge

Finish: G90 galvanizing

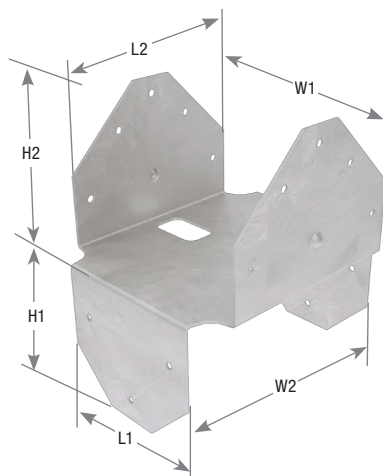
Options: BCS22-4 and BCS23-6 are available in Triple Zinc (G-185). To order, add TZ to stock number, as in BCS22-4TZ.

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.
- Nails must be driven at an angle between 30° to 45° 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.



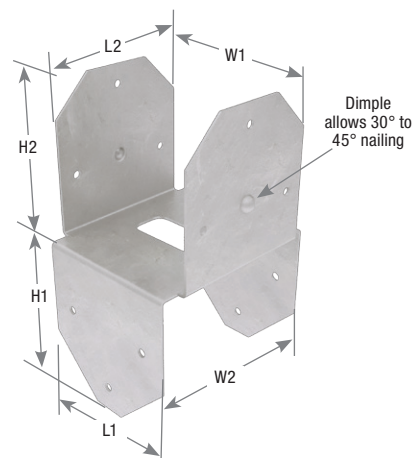
Typical BCS22-4 installation



BCS23-6



Typical BCS23-6 installation



BCS22-4

Post Size	USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)						Fastener Schedule ²				DF/SP Allowable Loads (Lbs.) ¹		Ctn Qty
				W1	W2	H1	H2	L1	L2	Post		Beam		Uplift	F1	
										Qty	Size	Qty	Size	160%	160%	
4 x 4	BCS22-4	BCS2-2/4	18	3-1/8	3-9/16	2-15/16	2-15/16	2-7/8	2-7/8	6	10d	8	10d	865	1065	20
6 x 6	BCS23-6	BCS2-3/6	18	4-5/8	5-5/8	3	3-3/8	3-1/2	4-3/8	6	16d	12	16d	1120	1625	10

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

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