

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

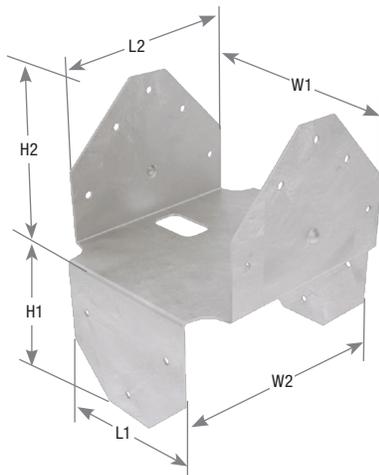
Options: BCS22-4 and BCS23-6 are available in Triple Zinc (G-185). To order, add TZ to stock number, as in BCS22-4TZ.

Installation:

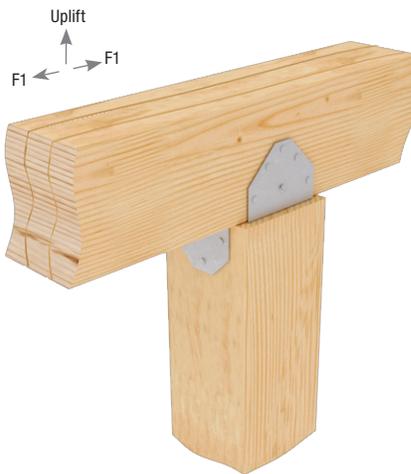
- Place post cap on top of post and fasten cap to post using specified nails.
- Place beam between top flanges of the cap and install all specified nails into beam.
- Nails must be driven at an angle between 30° to 45° through the beam into the post to achieve listed loads. **Slant/double shear nails 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.



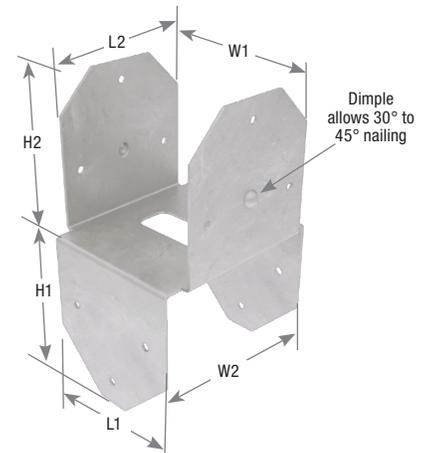
Typical BCS22-4 installation



BCS23-6



Typical BCS23-6 installation



BCS22-4

| Post Size | MiTek 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 | | | |
| 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.