

BC/BCS

Post Caps

The BCS allows for the connection of (2) 2x's to a 4x post or (3) 2x's to a 6x post. Double-shear nailing between beam and post gives added strength. The BC series offers dual purpose post cap/base for light cap or base connections.

Material: 18 gauge

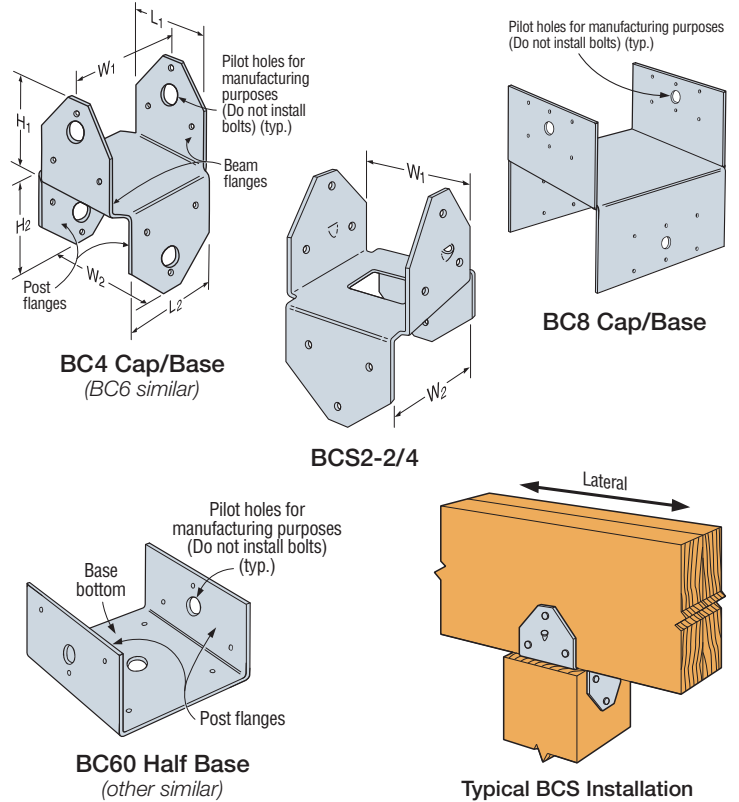
Finish: Galvanized. Some products available in ZMAX® coating.

Installation:

- Use all specified fasteners; see General Notes
- Do not install bolts into pilot holes
- BCS — Install dome nails on beam; drive nails at an angle through the beam into the post below to achieve the table loads
- BC — Install with 0.162" x 3½" nails or 0.162" x 2½" nails
- Post bases do not provide adequate resistance to prevent members from rotating about the base and therefore are not recommended for non-top-supported installations (such as fences or unbraced carports)
- To tie multiple 2x members together, the designer must determine the fasteners required to join members to act as one unit without splitting the wood

Codes: See p. 13 for Code Reference Key Chart

Web Applications: Visit app.strongtie.com/pbs to access our Post-to-Beam Selector web application.



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

SS For stainless-steel fasteners, see p. 23.

SD 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 (160)		Code Ref.
	W ₁	W ₂	L ₁	L ₂	H ₁	H ₂	Beam Flange	Post Flange	Base Bottom	Uplift	Lateral	
Caps												
SS BC4	3 ⁵ / ₁₆	3 ⁵ / ₁₆	2 ⁷ / ₈	2 ⁷ / ₈	3	3	(6) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	—	605	1,000	IBC®, FL, LA
BC46	3 ⁵ / ₁₆	5 ¹ / ₂	4 ⁷ / ₈	2 ⁷ / ₈	3 ¹ / ₂	2 ¹ / ₂	(12) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	—	945	1,000	
BC4R	4	4	4	4	3	3	(12) 0.162 x 3 ¹ / ₂	(12) 0.162 x 3 ¹ / ₂	—	605	1,000	
SS BC6	5 ¹ / ₂	5 ¹ / ₂	4 ³ / ₈	4 ³ / ₈	3 ³ / ₈	3 ³ / ₈	(12) 0.162 x 3 ¹ / ₂	(12) 0.162 x 3 ¹ / ₂	—	1,185	1,825	
BC6R	6	6	6	6	3	3	(12) 0.162 x 3 ¹ / ₂	(12) 0.162 x 3 ¹ / ₂	—	1,185	1,825	
BC8	7 ¹ / ₂	7 ¹ / ₂	7 ¹ / ₂	7 ¹ / ₂	4	4	(12) 0.162 x 3 ¹ / ₂	(12) 0.162 x 3 ¹ / ₂	—	1,660	1,825	
SS BCS2-2/4	3 ¹ / ₈	3 ³ / ₁₆	2 ⁷ / ₈	2 ⁷ / ₈	2 ¹ / ₄	2 ¹ / ₄	(8) 0.148 x 3	(6) 0.148 x 3	—	895	890	
SS BCS2-3/6	4 ⁵ / ₁₆	5 ⁵ / ₁₆	4 ³ / ₈	2 ⁷ / ₈	3 ³ / ₁₆	2 ¹ / ₄	(12) 0.162 x 3 ¹ / ₂	(6) 0.162 x 3 ¹ / ₂	—	895	1,330	
Bases												
SS BC40	3 ⁵ / ₁₆	—	3 ¹ / ₄	—	2 ¹ / ₄	—	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	510	735	—
BC40R	4	—	4	—	3	—	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	510	735	
BC460	5 ¹ / ₂	—	3 ³ / ₈	—	3	—	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	450	735	
BC60	5 ¹ / ₂	—	5 ¹ / ₂	—	3	—	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	450	735	
BC60R	6	—	6	—	3	—	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	450	735	
BC80	7 ¹ / ₂	—	7 ¹ / ₂	—	4	—	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	450	735	
BC80R	8	—	8	—	4	—	—	(6) 0.162 x 3 ¹ / ₂	(4) 0.162 x 3 ¹ / ₂	450	735	

1. Allowable loads have been increased for wind or earthquake loading with no further increase allowed. Reduce where other loads govern.
2. Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers known as the narrow face. Values in the tables reflect installation into the wide face. See technical bulletin T-C-SCLCLM at strongtie.com for load reductions resulting from narrow-face installations.
3. Base allowable loads assume that nails have full penetration into the supporting member. Loads do not apply to end-grain post installations.
4. Spliced beams, where the ends of two beams are supported by the wood post and connected to the BC post cap connector, are not permitted.
5. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 23–24 for fastener information.