

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.

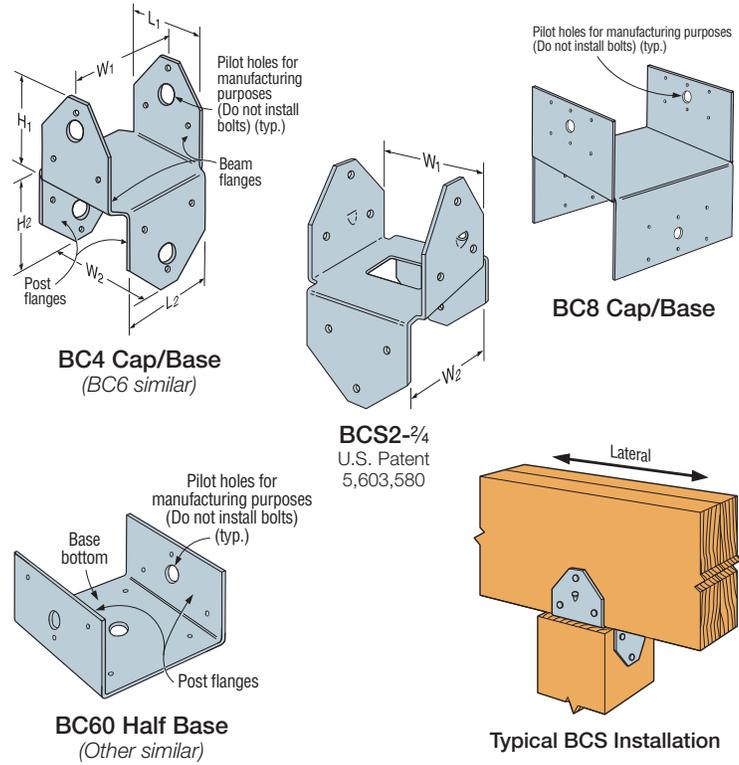
Material: 18 gauge

Finish: Galvanized. Some products available in ZMAX® coating; see Corrosion Information, pp. 15–18.

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 16d commons or 16d x 2½" joist hanger 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. 14 for Code Reference Key Chart



Caps and Bases

These products are available with additional corrosion protection. For more information, see p. 18.

These products are approved for installation with the Strong-Drive® SD Connector screw. See pp. 39–40 for more information.

Model No.	Dimensions (in.)						Fasteners			Allowable Loads (DF/SP) (160) ¹		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	3¾	3¾	2½	2½	3	3	(6) 16d	(6) 16d	—	980	1,000	I12, I27, L4, L5, FL
BC46	3¾	5½	4¾	2¾	3½	2½	(12) 16d	(6) 16d	—	980	1,000	
BC4R	4	4	4	4	3	3	(12) 16d	(12) 16d	—	980	1,000	
SS BC6	5½	5½	4¾	4¾	3¾	3¾	(12) 16d	(12) 16d	—	1,050	2,000	I12, L4, FL
BC6R	6	6	6	6	3	3	(12) 16d	(12) 16d	—	1,050	2,000	
BC8	7½	7½	7½	7½	4	4	(12) 16d	(12) 16d	—	1,800	2,000	
SS BCS2-2/4	3½	3¾	2¾	2¾	2½	2½	(8) 10d	(6) 10d	—	780	1,025	I12, I27, L4, L5, FL
SS BCS2-3/6	4¾	5¾	4¾	2¾	3¾	2½	(12) 16d	(6) 16d	—	800	1,495	I12, L4, FL
Bases												
SS BC40	3¾	—	3¼	—	2¼	—	—	(6) 16d	(4) 16d	510	735	I27, L5
BC40R	4	—	4	—	3	—	—	(6) 16d	(4) 16d	510	735	170
BC460	5½	—	3¾	—	3	—	—	(6) 16d	(4) 16d	450	735	
BC60	5½	—	5½	—	3	—	—	(6) 16d	(4) 16d	450	735	I27, L5
BC60R	6	—	6	—	3	—	—	(6) 16d	(4) 16d	450	735	170
BC80	7½	—	7½	—	4	—	—	(6) 16d	(4) 16d	450	735	
BC80R	8	—	8	—	4	—	—	(6) 16d	(4) 16d	450	735	

1. Allowable loads have been increased for wind or earthquake 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. Values in the tables reflect installation into the wide face. See technical bulletin T-C-SCLCLM at strongtie.com for values on the narrow face (edge).
3. Base allowable loads assumes nails have full penetration into supporting member. Loads do not apply to end grain post installations.
4. **Nails:** 16d = 0.162" dia. x 3½" long, 10d = 0.148" dia. x 3" long. See pp. 26–27 for other nail sizes and information.