

CB

Column Base

Material: Strap: CB4x, CB5x, CB6x — 7 gauge;
CB7x and larger — 3 gauge. Base: CB4x through CB9x — 7 gauge;
CB10x — 3 gauge

Finish: CB44, CB46, CB48, CB66, CB68, CB610 — galvanized;
all other CB — Simpson Strong-Tie gray paint or HDG. Some
products available in HDG, stainless steel or black powder coat.
(Note: When ordering powder coat, model number is CBxxPC)

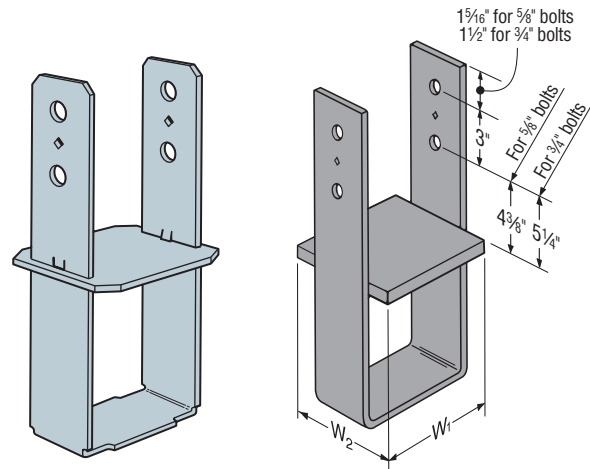
Installation:

- Use all specified fasteners; see General Notes
- For full loads, minimum side cover required is 3" for CB
- Install all models with bottom of base plate flush with concrete
- 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)

Options:

- CB is available in rough sizes. Other sizes available for CB;
specify W₁ and W₂ dimensions. Consult Simpson Strong-Tie
for bolt sizes and allowable loads.

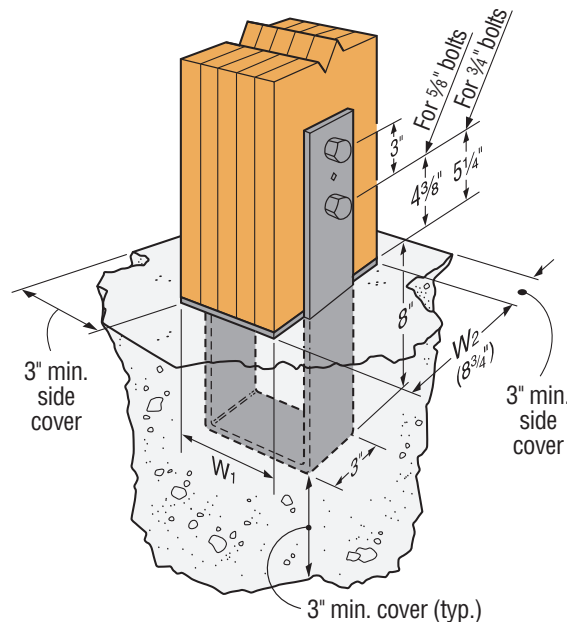
Codes: See p. 12 for Code Reference Key Chart



CB44

(CB46, CB48, CB64,
CB66, CB68, CB86,
CB88, CB610 similar)
(Standard finish – G90)

**Configuration of all
other CB sizes**
(Standard finish – gray paint)



CB9

(CB5, CB7 similar)
for Glulam Column

CB

Column Base (cont.)

These products are available with additional corrosion protection. For more information, see p. 15.

SS For stainless-steel fasteners, see p. 21.

	Model No.	Nominal Column Size	Dimensions (in.)		Column Fasteners		Allowable Uplift Loads DF/SP/SPF/HF (160)				Code Ref.
			W ₁	W ₂	Machine Bolts		Wind and SDC A&B		SDC C–F		
					Qty.	Dia. (in.)	Uncracked	Cracked	Uncracked	Cracked	
	CB44	4x4	3⅝	3⅝	2	⅝	6,445	4,510	5,640	3,945	IBC, FL, LA
SS	CB46	4x6	3⅝	5½	2	⅝	6,445	4,510	5,640	3,945	
SS	CB48	4x8	3⅝	7½	2	⅝	6,445	4,510	5,640	3,945	
	CB5-4.5	Glulam	4½	5⅞	2	⅝	6445	4,510	5640	3945	—
	CB5-6	Glulam	6	5⅞	2	⅝	6445	4,510	5640	3945	
	CB64	6x4	5½	3⅝	2	⅝	6,445	4,510	5,640	3,945	
	CB66	6x6	5½	5½	2	⅝	6,445	4,510	5,640	3,945	IBC, FL, LA
SS	CB6-7	6x	5½	7	2	⅝	6,445	4,510	5,640	3,945	—
	CB68	6x8	5½	7½	2	⅝	6,445	4,510	5,640	3,945	IBC, FL, LA
	CB610	6x10	5½	9½	2	⅝	6,445	4,510	5,640	3,945	—
	CB612	6x12	5½	11½	2	⅝	6,445	4,510	5,640	3,945	
	CB7 1/8-4	PSL	7⅞	3½	2	¾	6445	4,510	5640	3945	
	CB7 1/8-6	PSL	7⅞	5½	2	¾	6445	4,510	5640	3945	
	CB7 1/8-7	PSL	7⅞	7	2	¾	6445	4,510	5640	3945	
	CB7-6	Glulam	6	6¾	2	¾	6445	4,510	5640	3945	
	CB7-7.5	Glulam	7½	6¾	2	¾	6445	4,510	5640	3945	
	CB7-9	Glulam	9	6¾	2	¾	6445	4,510	5640	3945	
	CB7-10.5	Glulam	10½	6¾	2	¾	6445	4,510	5640	3945	
	CB86	8x6	7½	5½	2	¾	6,445	4,510	5,640	3,945	
	CB88	8x8	7½	7½	2	¾	6,445	4,510	5,640	3,945	
	CB810	8x10	7½	9½	2	¾	6,445	4,510	5,640	3,945	
	CB812	8x12	7½	11½	2	¾	6,445	4,510	5,640	3,945	
	CB9-6	Glulam	6	8¾	2	¾	6445	4,510	5640	3945	
	CB9-7.5	Glulam	7½	8¾	2	¾	6445	4,510	5640	3945	
	CB9-9	Glulam	9	8¾	2	¾	6445	4,510	5640	3945	
	CB9-10.5	Glulam	10½	8¾	2	¾	6445	4,510	5640	3945	
	CB1010	10x10	9½	9½	2	¾	6,445	4,510	5,640	3,945	
	CB1012	10x12	9½	11½	2	¾	6,445	4,510	5,640	3,945	
	CB1212	12x12	11½	11½	2	¾	6,445	4,510	5,640	3,945	

1. Loads may not be increased for duration of load.

2. Concrete shall have a minimum compressive strength of $f'_c = 2,500$ psi.

3. To obtain LRFD values, multiply ASD seismic load values by 1.4 and wind load values by 1.67 (1.6 for 2012 IBC).

4. In accordance with IBC, Section 1613.1, detached one- and two-family dwellings in Seismic Design Category (SDC) C may use "Wind and SDC A&B" allowable loads.

5. Downloads shall be reduced where limited by capacity of the post.

6. Designer is responsible for concrete design.