LCB/CB COLUMN BASES

LCB—Low-cost column base for patios, carports, breezeways and porches.
CB—For columns that require high structural values and rugged performance.

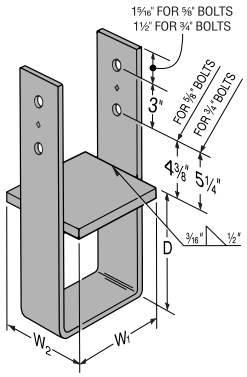
FINISH: LCB, CB44, CB46, CB66—galvanized; all other CB-Simpson gray paint or HDG.

INSTALLATION: • Use all specified fasteners. See General Notes.
- For full loads, minimum side cover required is 3" for CB, 2" for LCB.
- Install all models with bottom of base plate flush with concrete.
- Not recommended for non-top-supported installations such as fences.

OPTIONS: • The LCB may be shipped unassembled; specify "Disassembled".
- LCB and CB are available in rough size. Other sizes available for CB specify W1 and W2 dimensions. Consult Simpson for bolt sizes and allowable loads. See PBS.

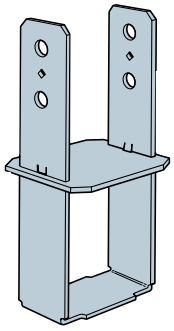
CODES: See page 8 for Code Listing Key Chart.

Configuration of all other CB sizes

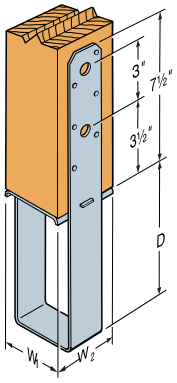


Model No.	Nominal Column Size	Material		Dimensions			Column Fasteners			Uplift Avg Ult	Allowable Uplift Loads				Code Ref.
		Strap	Base (Ga)	W_1	W_2	D	Nails	Machine Bolts			Nails		Bolts		
								Qty	Dia		(133)	(160)	(133)	(160)	
LCB44	4x4	12 ga x2	16	3⅜16	3½	6½	12-16d	2	½	17853	2255	2705	3545	4250	2, 43
CB44	4x4	7 ga x2	7	3⅜16	3⅜16	8	—	2	⅝	14350	—	—	4200	4200	2, 43, 82
LCB46	4x6	12 ga x2	16	3⅜16	5½	6½	12-16d	2	½	17853	2255	2705	3530	4240	2, 43
CB46	4x6	7 ga x2	7	3⅜16	5½	8	—	2	⅝	14350	—	—	4200	4200	2, 43, 82
CB48	4x8	7 ga x2	7	3⅜16	7½	8	—	2	⅝	14350	—	—	4200	4200	
NEW CB5-4.5	GLULAM	7 ga x3	7	4⅜16	5⅛	8	—	2	⅝	14350	—	—	4200	4200	
NEW CB5-6	GLULAM	7 ga x3	7	6⅛16	5⅛	8	—	2	⅝	14350	—	—	4200	4200	
LCB66	6x6	12 ga x2	16	5½	5½	5½	12-16d	2	½	17853	2255	2705	3525	4230	2, 43
CB66	6x6	7 ga x3	7	5½	5½	8	—	2	⅝	14350	—	—	4200	4200	2, 43, 82
CB6-7	6x	7 ga x3	7	5½	7	8	—	2	⅝	14350	—	—	4200	4200	
CB7⅛-4	PSL	3 ga x3	7	7⅛	3½	8	—	2	¾	20650	—	—	6650	6650	
CB7⅛-6	PSL	3 ga x3	7	7⅛	5½	8	—	2	¾	20650	—	—	6650	6650	
CB7⅛-7	PSL	3 ga x3	7	7⅛	7	8	—	2	¾	20650	—	—	6650	6650	
CB68	6x8	7 ga x3	7	5½	7½	8	—	2	⅝	14350	—	—	4200	4200	
NEW CB7-6	GLULAM	3 ga x3	7	6⅛16	6¾	8	—	2	¾	20650	—	—	6650	6650	
NEW CB7-7.5	GLULAM	3 ga x3	7	7⅜16	6¾	8	—	2	¾	20650	—	—	6650	6650	
NEW CB7-9	GLULAM	3 ga x3	7	9⅛16	6¾	8	—	2	¾	20650	—	—	6650	6650	
NEW CB7-10.5	GLULAM	3 ga x3	7	10⅜16	6¾	8	—	2	¾	20650	—	—	6650	6650	
CB86	6x8	3 ga x3	7	7½	5½	8	—	2	¾	20650	—	—	6650	6650	
CB88	8x8	3 ga x3	7	7½	7½	8	—	2	¾	20650	—	—	6650	6650	
NEW CB9-6	GLULAM	3 ga x3	7	6⅛16	8¾	8	—	2	¾	20650	—	—	6650	6650	
NEW CB9-7.5	GLULAM	3 ga x3	7	7⅜16	8¾	8	—	2	¾	20650	—	—	6650	6650	
NEW CB9-9	GLULAM	3 ga x3	7	9⅛16	8¾	8	—	2	¾	20650	—	—	6650	6650	
NEW CB9-10.5	GLULAM	3 ga x3	7	10⅜16	8¾	8	—	2	¾	20650	—	—	6650	6650	
CB1010	10x10	3 ga x3	3	9½	9½	8	—	2	¾	20650	—	—	6650	6650	
CB1012	10x12	3 ga x3	3	9½	11½	8	—	2	¾	20650	—	—	6650	6650	
CB1212	12x12	3 ga x3	3	11½	11½	8	—	2	¾	20650	—	—	6650	6650	

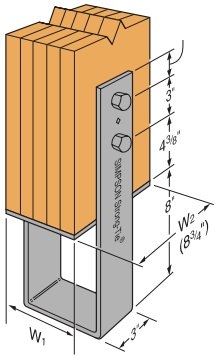
1. Uplift loads have been increased 33% and 60% for earthquake or wind loading, with no further increase allowed; reduce where other loads govern.
2. PSL is parallel strand lumber.



CB44 (CB46, CB66 similar)



LCB



CB9 (CB5, CB7 similar) *for glulam column*

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