

The CBSQ uses Simpson's SDS screws, which allows for fast installation, reduced reveal and high capacity, while maintaining the net section of the post.

MATERIAL: See table. **FINISH:** Galvanized

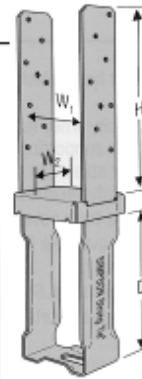
INSTALLATION: • Use all specified fasteners. See General Notes.

- Not recommended for non-top-supported installations such as fences.

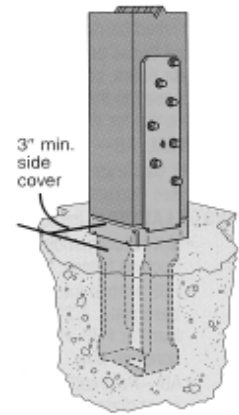
CODES: Submitted to ICBO 10/99.

Model No.	Nominal Post Size	Material		Dimensions				Number of Simpson SDS 1/4" x 2" Screws	Uplift Avg UIt	Allowable Loads		
		Base (Ga)	Strap (Ga)	W ₁	W ₂	D	H			Uplift (133)	Uplift (160)	Down (100)
CBSQ44-SDS2	4x4	12	10ga x 2 1/4	3 3/8	3 1/2	7 1/8	8 3/8	14	16667	5335	5335	10975
CBSQ44-SDS2	4x6	12	10ga x 3	3 3/8	3 3/8	7 3/4	8 1 1/8	14	16667	5335	5335	14420
CBSQ44-SDS2	6x6	12	10ga x 3	5 1/2	5 1/2	6 7/8	8 3/4	14	24000	5710	6855	14420

1. For higher downloads, solidly pack grout under 1" standoff plate before installing CBSQ into concrete. Base download on post or concrete, according to the code.



CBSQ-SDS2



Typical CBSQ-SDS2 Installation

CBQ COLUMN BASES

The CBQ uses Simpson's SDS screws, which allows for fast installation, reduced reveal and high capacity, while maintaining the net section of the post.

MATERIAL: See table. **FINISH:** Galvanized.

INSTALLATION: • Use all specified fasteners. See General Notes.

- Not recommended for non-top-supported installations such as fences.

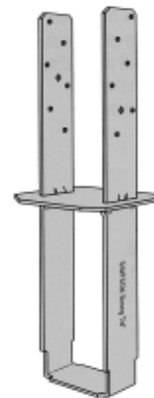
CODES: Submitted to ICBO 10/99.

Model No.	Nominal Post Size	Material		Dimensions				Number of Simpson SDS 1/4" x 2" Screws	Uplift Avg UIt	Allowable Loads	
		Base (Ga)	Strap (Ga)	W ₁	W ₂	D	H			Uplift (133)	Uplift (160)
CBQ44-SDS2	4x4	7	7ga x 2	3 3/8	3 3/8	8	8 1 1/8	12	14350	4200	4200
CBQ44-SDS2	4x6	7	7ga x 2	3 3/8	5 1/2	8	8 1 1/8	12	14350	4200	4200
CBQ44-SDS2	6x6	7	7ga x 2	5 1/2	5 1/2	8	8 1 1/8	12	14350	4200	4200

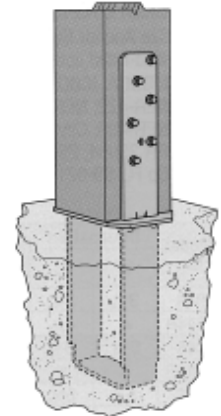
CBQ and CBSQ

To order with screws, specify **CBQ-SDS2** or **CBSQ-SDS2**.

To order without screws, specify **CBQ** or **CBSQ**.



CBQ-SDS2



Typical CBQ-SDS2 Installation

LCB/CB COLUMN BASES

LCB—Low-cost post base for patios, carports, breezeways and porches.

CB—For columns that require high structural values and rugged performance.

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

INSTALLATION: • Use all specified fasteners. See General Notes.

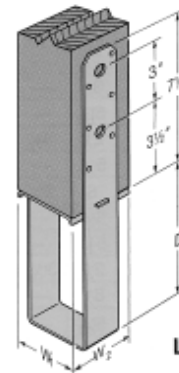
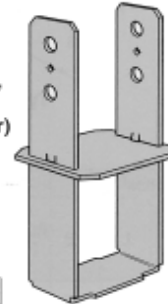
- For full loads, minimum side cover required is 3" for CB, 2" for LCB.
- Install all models with bottom of base plate flush with concrete.
- Not recommended for non-top-supported installations such as fences.

OPTIONS: • The LCB may be shipped unassembled; specify "Disassembled".

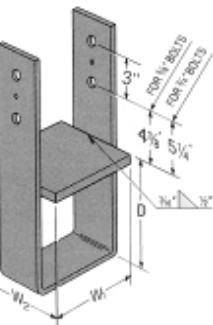
- LCB and CB are available in rough size. Other sizes available for CB specify W₁ and W₂ dimensions. Consult Simpson for bolt sizes and allowable loads. See PBS.

CODES: BOCA, ICBO, SBCCI NER-393; City of L.A. RR 24818.

CB44
(CB46,
CB66
similar)



LCB



Configuration of all other CB sizes

Model No.	Nominal Post Size	Material		Dimensions				Post Fasteners		Uplift average UIt	Allowable Uplift Loads			
		Strap	Base (Ga)	W ₁	W ₂	D	Nails	Bolts Qty Dia	(133)		(160)	(133)	(160)	
LCB44	4x4	12 ga x 2	16	3 3/8	3 1/2	6 1/2	12-16d	2 1/2	17853	2255	2705	3545	4250	
CB44	4x4	7 ga x 2	7	3 3/8	3 3/8	8	—	2 3/8	14350	—	—	4200	4200	
LCB46	4x6	12 ga x 2	16	3 3/8	5 1/2	6 1/2	12-16d	2 1/2	17853	2255	2705	3530	4240	
CB46	4x6	7 ga x 2	7	3 3/8	5 1/2	8	—	2 3/8	14350	—	—	4200	4200	
CB48	4x8	7 ga x 2	7	3 3/8	7 1/2	8	—	2 3/8	14350	—	—	4200	4200	
CB5	GLULAM	7 ga x 3	7	5 1/2	SPEC	8	—	2 3/8	14350	—	—	4200	4200	
LCB66	6x6	12 ga x 2	16	5 1/2	5 1/2	5 1/2	12-16d	2 1/2	17853	2255	2705	3525	4230	
CB66	6x6	7 ga x 3	7	5 1/2	5 1/2	8	—	2 3/8	14350	—	—	4200	4200	
CB6-7	6x	7 ga x 3	7	5 1/2	7	8	—	2 3/8	14350	—	—	4200	4200	
CB7 1/2-4	PSL	3 ga x 3	7	7 1/2	3 3/2	8	—	2 3/4	20650	—	—	6650	6650	
CB7 1/2-6	PSL	3 ga x 3	7	7 1/2	5 1/2	8	—	2 3/4	20650	—	—	6650	6650	
CB7 1/2-7	PSL	3 ga x 3	7	7 1/2	7	8	—	2 3/4	20650	—	—	6650	6650	
CB68	6x8	7 ga x 3	7	5 1/2	7 1/2	8	—	2 3/8	14350	—	—	4200	4200	
CB86	6x8	3 ga x 3	7	7 1/2	5 1/2	8	—	2 3/4	20650	—	—	6650	6650	
CB7	GLULAM	3 ga x 3	7	6 1/2	SPEC	8	—	2 3/4	20650	—	—	6650	6650	
CB88	8x8	3 ga x 3	7	7 1/2	7 1/2	8	—	2 3/4	20650	—	—	6650	6650	
CB9	GLULAM	3 ga x 3	7	8 1/2	SPEC	8	—	2 3/4	20650	—	—	6650	6650	
CB1010	10x10	3 ga x 3	3	9 1/2	9 1/2	8	—	2 3/4	20650	—	—	6650	6650	
CB1012	10x12	3 ga x 3	3	9 1/2	11 1/2	8	—	2 3/4	20650	—	—	6650	6650	
CB1212	12x12	3 ga x 3	3	11 1/2	11 1/2	8	—	2 3/4	20650	—	—	6650	6650	

1. Uplift loads have been increased 33% and 60% for earthquake or wind loading, with no further increase allowed.
2. PSL is parallel strand lumber.
3. When ordering Glulam sizes, specify W₂.