



**✓** This product is preferable to similar connectors because of a) easier installation, b) higher loads, c) lower installed cost, or a combination of these features.

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

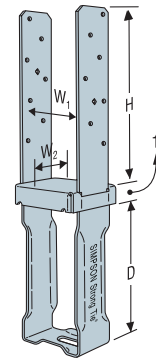
**MATERIAL:** See table. **FINISH:** Galvanized, available in HDG with HDG screws.

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

- Install Simpson's code-recognized SDS $\frac{1}{4}$ x2 wood screws, which are provided with the column base. (Lag screws will not achieve the same load.)
- 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).

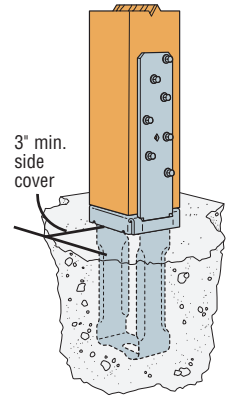
**CODES:** See page 10 for Code Listing Key Chart.

Model No.	Nominal Column Size	Material		Dimensions				Number of Simpson SDS $\frac{1}{4}$ x 2" Screws	Uplift Avg Ult	Allowable Loads			Code Ref.
		Base (Ga)	Strap (Ga x Width)	W <sub>1</sub>	W <sub>2</sub>	D	H			Uplift (133)	Uplift (160)	Down (100)	
CBSQ44-SDS2	4x4	12	10ga x 2 $\frac{1}{4}$	3 $\frac{3}{16}$	3 $\frac{1}{2}$	7 $\frac{1}{16}$	8 $\frac{3}{8}$	14	16667	5335	5335	10975	46
CBSQ46-SDS2	4x6	12	10ga x 3	3 $\frac{3}{16}$	5 $\frac{1}{16}$	7 $\frac{3}{4}$	8 $\frac{11}{16}$	14	16667	5335	5335	14420	
CBSQ66-SDS2	6x6	12	10ga x 3	5 $\frac{1}{2}$	5 $\frac{1}{2}$	6 $\frac{7}{8}$	8 $\frac{3}{4}$	14	24000	5710	6855	14420	



**CBSQ-SDS2**

U.S. Patent 4,924,648



**Typical CBSQ-SDS2 Installation**

1. For higher downloads, solidly pack grout under 1" standoff plate before installing CBSQ into concrete. Base download on column or concrete, according to the code.
2. When using structural composite lumber columns, screws must be applied to the wide face of the column.

**CBQ and CBSQ**  
To order with screws, specify CBQ-SDS2 or CBSQ-SDS2.  
To order without screws, specify CBQ or CBSQ.



**✓** This product is preferable to similar connectors because of a) easier installation, b) higher loads, c) lower installed cost, or a combination of these features.

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

**MATERIAL:** See table. **FINISH:** Galvanized, available in HDG with HDG screws.

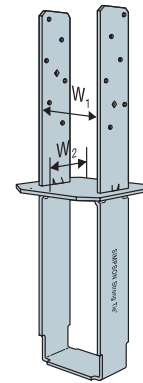
**INSTALLATION:** • Use all specified fasteners. See General Notes.

- Install Simpson's code-recognized SDS $\frac{1}{4}$ x2 wood screws, which are provided with the column base. (Lag screws will not achieve the same load.)
- 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).

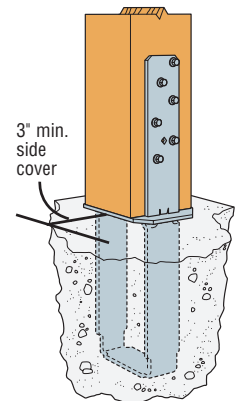
**CODES:** See page 10 for Code Listing Key Chart.

Model No.	Nominal Column Size	Material		Dimensions				Number of Simpson SDS $\frac{1}{4}$ x 2" Screws	Uplift Avg Ult	Allowable Loads		Code Ref.
		Base (Ga)	Strap (Ga x Width)	W <sub>1</sub>	W <sub>2</sub>	D	H			Uplift (133)	Uplift (160)	
CBQ44-SDS2	4x4	7	7ga x 2	3 $\frac{3}{16}$	3 $\frac{3}{16}$	8	8 $\frac{11}{16}$	12	14350	4200	4200	46
CBQ46-SDS2	4x6	7	7ga x 2	3 $\frac{3}{16}$	5 $\frac{1}{2}$	8	8 $\frac{11}{16}$	12	14350	4200	4200	
CBQ66-SDS2	6x6	7	7ga x 3	5 $\frac{1}{2}$	5 $\frac{1}{2}$	8	8 $\frac{11}{16}$	12	14350	4200	4200	

1. When using structural composite lumber columns, screws must be applied to the wide face of the column.



**CBQ-SDS2**



**Typical CBQ-SDS2 Installation**

**MATERIAL:** EPB44A—14 ga.; others—12 ga. base plate, 1 $\frac{1}{16}$ " OD x 8" pipe

**FINISH:** EPB44A—Galvanized; all others—Simpson gray paint; see Corrosion-Resistance, page 5.

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

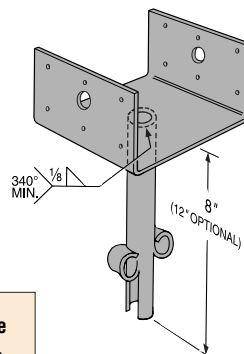
- Allows 1" to 2 $\frac{1}{2}$ " clearance above concrete, 2" for EPB44A.
- Post bases do not provide adequate resistance to prevent members from rotating about the base and therefore are not recommended for non top-supported installations (such as fences or unbraced carports).

**OPTIONS:** 12" pipe available for EPB44, 46, 66; specify "-12" after model number.

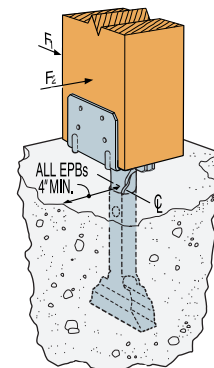
**CODES:** See page 10 for Code Listing Key Chart.

Model No.	W	L	H	Nails	Uplift Avg Ult	Allowable Loads (133) and (160)			Code Ref.	
						Uplift	F <sub>1</sub>	F <sub>2</sub>		
										Down (100)
EPB44A	3 $\frac{3}{16}$	3	2 $\frac{3}{8}$	8-16d	3600	1100	815	935	2670	2, 40
EPB44	3 $\frac{3}{16}$	3 $\frac{3}{4}$	2 $\frac{5}{16}$	8-16d	3600	800	985	1135	3465	2, 40, 82
EPB46	5 $\frac{1}{2}$	3 $\frac{3}{16}$	3	8-16d	3600	800	985	1135	3465	
EPB66	5 $\frac{1}{2}$	5 $\frac{1}{2}$	3	12-16d	—	1500	985	1135	3465	

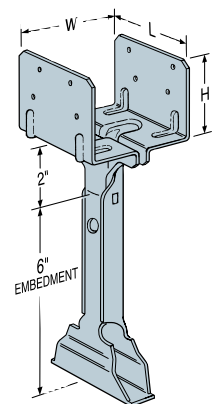
1. Loads may not be increased for short-term loading.
2. EPB44 and EPB46 have extra nail holes; only eight must be filled to achieve table loads.
3. Specifier to design concrete for shear capacity.



**EPB66**  
(EPB44 and EPB46 similar)



**Typical EPB44A Installation**



**EPB44A**

U.S. Patent 4,995,206,  
Canada Patent 2,031,552