

 **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.**

This design uses SDS screws to provide faster installation and maintain the wood cross section. The SDS screws provide for a lower profile compared to standard through bolts.

MATERIAL: CCQ3, ECCQ3, CCQ4, ECCQ4, CCQ6, ECCQ6—7 gauge; all others—3 gauge.

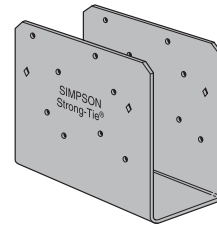
FINISH: Simpson gray paint, available in HDG with HDG screws.

INSTALLATION: Fasteners provided. See General Notes.

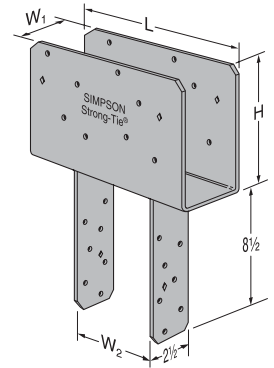
- Install Simpson's code-recognized SDS $\frac{1}{4}$ "x2 $\frac{1}{2}$ " wood screws, which are provided with the column cap. (*Lag screws will not achieve the same load.*)

OPTIONS: Straps may be rotated 90° where $W_1 \geq W_2$. For end conditions, specify ECCQ. Loads do not apply to CCOQ and ECCOQ.

CODES: See page 10 for Code Listing Key Chart.

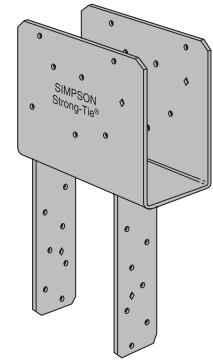


CCOQ4-SDS2.5



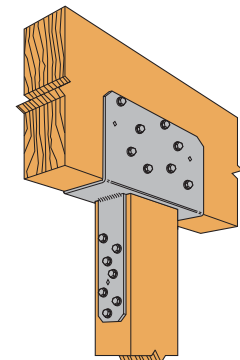
 Available with additional corrosion protection. Check with factory.

Model No.	Dimensions				No. of ⁹ SDS $\frac{1}{4}$ "x2 $\frac{1}{2}$ " Screws		CCQ Uplift Avg Ult	Allowable Loads					Code Ref.	
	W ₁	W ₂	L		H	Beam		Post	CCQ		ECCQ			
			CCQ	ECCQ					Uplift (133)	Down (160)	Uplift (133/160)	Down (100)		
CCQ3-4SDS2.5	3 $\frac{1}{4}$	3 $\frac{3}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	19250	3695	6125	46, 107, 124
CCQ3-6SDS2.5	3 $\frac{1}{4}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	19250	3695	9625	
CCQ44SDS2.5	3 $\frac{3}{8}$	3 $\frac{3}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	24065	4040	7655	
CCQ46SDS2.5	3 $\frac{3}{8}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	5955	7145	24065	4040	12030	
CCQ48SDS2.5	3 $\frac{3}{8}$	7 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	5955	7145	24065	4040	16405	
CCQ5-4SDS2.5	5 $\frac{1}{4}$	3 $\frac{3}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	31570	4040	10045	
CCQ5-6SDS2.5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	31570	5535	15785	
CCQ5-8SDS2.5	5 $\frac{1}{4}$	7 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	31570	5535	21525	
CCQ64SDS2.5	5 $\frac{1}{2}$	3 $\frac{3}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	37815	4040	12030	
CCQ66SDS2.5	5 $\frac{1}{2}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	5955	7145	37815	4040	18905	
CCQ68SDS2.5	5 $\frac{1}{2}$	7 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	5955	7145	37815	4040	25780	
CCQ6-7.13SDS2.5	5 $\frac{1}{2}$	7 $\frac{1}{8}$	11	8 $\frac{1}{2}$	7	16	14	23837	5955	7145	37815	4040	24490	160
CCQ74SDS2.5	6 $\frac{7}{8}$	3 $\frac{3}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	41580	4040	13230	46, 107, 124
CCQ76SDS2.5	6 $\frac{7}{8}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	41580	5535	20790	
CCQ77SDS2.5	6 $\frac{7}{8}$	6 $\frac{7}{8}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	41580	5535	25515	
CCQ78SDS2.5	6 $\frac{7}{8}$	7 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	41580	5535	28350	
CCQ7.1-4SDS2.5	7 $\frac{1}{8}$	3 $\frac{3}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	57750	4040	19030	160
CCQ7.1-6SDS2.5	7 $\frac{1}{8}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	57750	5535	28875	
CCQ7.1-7.1SDS2.5	7 $\frac{1}{8}$	7 $\frac{1}{8}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	57750	5535	37405	
CCQ7.1-8SDS2.5	7 $\frac{1}{8}$	7 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	57750	5535	39375	
CCQ86SDS2.5	7 $\frac{1}{2}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	51565	5535	25780	
CCQ88SDS2.5	7 $\frac{1}{2}$	7 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	51565	5535	35155	
CCQ96SDS2.5	8 $\frac{7}{8}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	53900	5535	26950	
CCQ98SDS2.5	8 $\frac{7}{8}$	7 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	53900	5535	36750	
CCQ106SDS2.5	9 $\frac{1}{2}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	6270	7245	65315	5535	32655	



CCQ46SDS2.5

ECCQ46SDS2.5



Typical CCOQ46SDS2.5 Installation

1. Downloads are determined using $F_{c\perp}$ equal to: 560 psi for glulam sizes and 625 psi for all others; reduce where end bearing value of post, L/R of post, or other criteria are limiting.
2. Spliced conditions must be detailed by the specifier to transfer tension loads between spliced members by means other than the column cap.
3. Uplift loads do not apply to splice conditions.
4. Post sides are assumed to lie in the same vertical plane as the beam sides.
5. Loads may not be increased for short-term loading.
6. Uplift loads have been increased 33% and 60% for earthquake or wind loading; reduce for other loading conditions in accordance with the code.

7. ECCQ downloads assume a post of W_1 x W_2 .
8. When using structural composite lumber columns, screws must be applied to the wide face of the column.
9. ECCQ uses 14-SDS screws into the beam and 14-SDS screws into the post.
10. Beam depth must be greater than 7".