

 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.

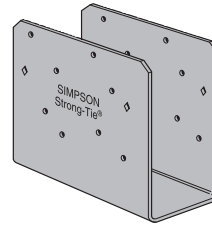
FINISH: Simpson gray paint, available in HDG with HDG screws.

INSTALLATION: Fasteners provided. See General Notes.

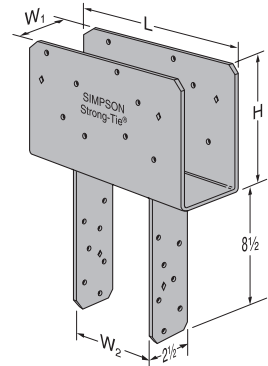
- Install Simpson's code-recognized SDS $\frac{1}{4}$ x2 $\frac{1}{2}$ wood screws, which are provided with the column cap. (Lag screws will not achieve the same load.)

OPTIONS: Straps may be rotated 90° where $W_1 > W_2$. For end conditions, specify ECCQ.

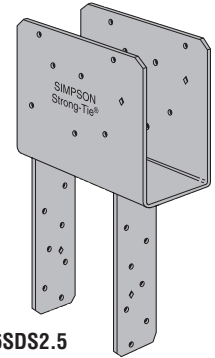
CODES: See page 10 for Code Listing Key Chart.



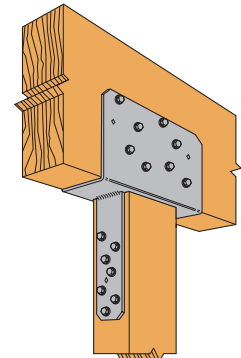
CCQ04-SDS2.5



CCQ46SDS2.5



ECCQ46SDS2.5



CCQ46SDS2.5
Typical
Installation

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	CCQ				ECCQ					
			CCQ	ECCQ		Beam	Post	Uplift (133)		Down (160)	Uplift (100)	Down (133/160) (100)			
	CCQ3-4SDS2.5	3 $\frac{1}{4}$	3 $\frac{5}{8}$	11	8 $\frac{1}{2}$	7	16	14		18513	5680	5680	19250	3695	
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 $\frac{5}{8}$	3 $\frac{5}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	24065	4040	7655		
CCQ46SDS2.5	3 $\frac{5}{8}$	5 $\frac{1}{2}$	11	8 $\frac{1}{2}$	7	16	14	23837	5955	7145	24065	4040	12030		
CCQ48SDS2.5	3 $\frac{5}{8}$	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 $\frac{5}{8}$	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 $\frac{5}{8}$	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 $\frac{5}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	41580	4040	13230		
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 $\frac{5}{8}$	11	8 $\frac{1}{2}$	7	16	14	18513	5680	5680	57750	4040	19030		
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		

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 $W_1 \times W_2$.

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.

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Caps & Bases

Mitered edges ensure a tight fit when installed between joists.
INSTALLATION: • Install between joists. IS16 for 16" o.c. spacing; IS24 for 24" o.c. spacing. Follow insulation manufacturer's installation instructions.
• Wear safety glasses, gloves and other appropriate safety equipment.

Model	Gauge	Length
IS16	14 ga	15 $\frac{1}{2}$ "
IS24	14 ga	23 $\frac{1}{2}$ "



Typical IS Installation

IS INSULATION SUPPORTS