# CCQ/ECCQ COLUMN CAPS

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**: CCQ5, ECCQ5, CCQ7, ECCQ7—3 gauge; all others—7 gauge.

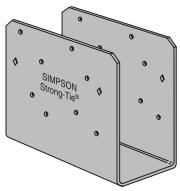
**FINISH**: Simpson gray paint.

**INSTALLATION**: Fasteners provided. See General Notes.

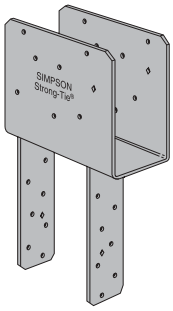
- **Install Simpson's code-recognized SDS¼x2½ wood screws, which are provided with the column cap. *(Lag screws will not achieve the same load.)***

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

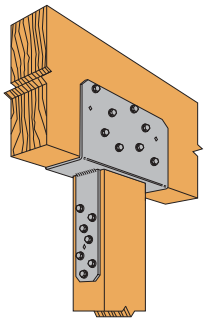
**CODES:** See page 8 for Code Listing Key Chart.



CCQ4-SDS2.5



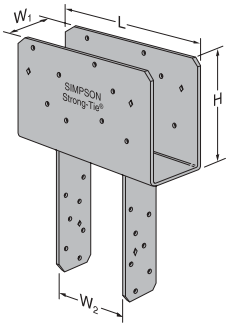
ECCQ46SDS2.5



CCQ46SDS2.5
Typical Installation

| Model No. | Dimensions | | | | | No. of SDS¼″x 2½″ Screws | | Allowable Loads | | | | | Code Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $W_1$ | $W_2$ | L | | H | | | Uplift | | | Down | | |
| | | | CCQ | ECCQ | | Beam | Post | CCQ (133) | CCQ (160) | ECCQ 133/160 | CCQ (100) | ECCQ (100) | |
| CCQ3-4SDS2.5 | 3¼ | 3⅝ | 11 | 8½ | 7 | 16 | 14 | 5680 | 5680 | 3695 | 19250 | 6125 | 48 |
| CCQ3-6SDS2.5 | 3¼ | 5½ | 11 | 8½ | 7 | 16 | 14 | 5680 | 5680 | 3695 | 19250 | 9625 | |
| CCQ44SDS2.5 | 3⅝ | 3⅝ | 11 | 8½ | 7 | 16 | 14 | 5680 | 5680 | 4040 | 24065 | 7655 | |
| CCQ46SDS2.5 | 3⅝ | 5½ | 11 | 8½ | 7 | 16 | 14 | 5955 | 7145 | 4040 | 24065 | 12030 | |
| CCQ48SDS2.5 | 3⅝ | 7½ | 11 | 8½ | 7 | 16 | 14 | 5955 | 7145 | 4040 | 24065 | 16405 | |
| CCQ5-4SDS2.5 | 5¼ | 3⅝ | 11 | 8½ | 7 | 16 | 14 | 5680 | 5680 | 4040 | 31570 | 10045 | |
| CCQ5-6SDS2.5 | 5¼ | 5½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 31570 | 15785 | |
| CCQ5-8SDS2.5 | 5¼ | 7½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 31570 | 21525 | |
| CCQ64SDS2.5 | 5½ | 3⅝ | 11 | 8½ | 7 | 16 | 14 | 5680 | 5680 | 4040 | 37815 | 12030 | |
| CCQ66SDS2.5 | 5½ | 5½ | 11 | 8½ | 7 | 16 | 14 | 5955 | 7145 | 4040 | 37815 | 18905 | |
| CCQ68SDS2.5 | 5½ | 7½ | 11 | 8½ | 7 | 16 | 14 | 5955 | 7145 | 4040 | 37815 | 25780 | |
| CCQ6-7.13SDS2.5 | 5½ | 7⅛ | 11 | 8½ | 7 | 16 | 14 | 5955 | 7145 | 4040 | 37815 | 24490 | 160 |
| CCQ74SDS2.5 | 6⅞ | 3⅝ | 11 | 8½ | 7 | 16 | 14 | 5680 | 5680 | 4040 | 41580 | 13230 | 48 |
| CCQ76SDS2.5 | 6⅞ | 5½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 41580 | 20790 | |
| CCQ77SDS2.5 | 6⅞ | 6⅞ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 41580 | 25515 | |
| CCQ78SDS2.5 | 6⅞ | 7½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 41580 | 28350 | |
| NEW CCQ86SDS2.5 | 7½ | 5½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 51565 | 25780 | 160 |
| NEW CCQ88SDS2.5 | 7½ | 7½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 51565 | 35155 | |
| NEW CCQ96SDS2.5 | 8⅞ | 5½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 53900 | 26950 | |
| NEW CCQ98SDS2.5 | 8⅞ | 7½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 53900 | 36750 | |
| NEW CCQ106SDS2.5 | 9½ | 5½ | 11 | 8½ | 7 | 16 | 14 | 6270 | 7245 | 5535 | 65315 | 32655 | |

1. Downloads are determined using Fc⊥ 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 $W_2$.**




CCQ46SDS2.5