February 21, 2019

Re: Allowable Connector Loads for SCB/MSCB Bypass Framing Slide-Clip Connectors Installed onto Steel with a Vertical Leg Less than 4 inches

Simpson Strong-Tie publishes Allowable Connector Loads for SCB/MSCB Bypass Framing Slide-Clip Connectors on page 27 of the 2017 Connectors for Cold-Formed Steel Construction catalog (C-CF-2017). Those load values assume attachment to steel that is at least a 4 inch vertical leg and anchored using at least (2) #12-14 self-drilling screws as illustrated on page 28.

Simpson Strong-Tie has evaluated the performance of the F2 & F3 Allowable Connector Loads for the SCB/MSCB when attached to a steel supporting structure for two specific conditions, where the steel vertical leg is less than 4 inches wide. These two conditions are defined as follows and illustrated in the below figure (please note the location of the fasteners for each condition evaluated).

- **Condition A:** 3 ¼” minimum vertical leg with 1” maximum connector overhang
- **Condition B:** 3” minimum vertical leg with 1” maximum connector overhang

![Condition A and Condition B](image)

Based on this evaluation, Simpson Strong-Tie has determined that the F2 & F3 Allowable Connector Loads for these conditions can be calculated by multiplying the published F2 & F3 Allowable Connector Loads shown on page 27 of C-CF-2017 catalog by an Allowable Load Adjustment Factor as shown in the table below. Please note that F1 Allowable Connector Load has not been evaluated.

<table>
<thead>
<tr>
<th>Allowable Load Adjustment Factor</th>
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<tbody>
<tr>
<td>Condition</td>
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<tr>
<td>A</td>
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<tr>
<td>B</td>
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The F2 & F3 Allowable Anchorage Loads, as currently published on page 28 of the Cold-Formed Steel Construction (C-CF-2017) catalog, are still valid for the above conditions with no additional reductions. Please note that the anchorage to the support must be located per the two anchor solutions as shown above.

The information in this letter is valid until 4/30/2020 when it will be re-evaluated by Simpson Strong-Tie. Please visit strongtie.com for additional pertinent information. If you have questions or need further assistance regarding this matter, please contract Simpson Strong-Tie engineering department at 800.999.5099.

Sincerely,

SIMPSON STRONG-TIE COMPANY INC.