General Notes:
1. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins.
2. If supported truss or girder web is a Z-web, refer to TS068 for connection areas.
3. SDS = Self-Drilling Tapping Screw. Screw spacing, edge distance and end distance is 9/16" (14mm) minimum.
4. Truss must be analyzed with concentrated loads directly in line with correctly placed girder vertical webs. Details A, B, C1, & C2 give correct web placement information.
5. For multi-ply #1 Hips, refer to Standard Detail TS02SD for ply to ply connection requirements.
6. Girder web shall not be a C-Web.
7. Cold-Formed Steel Calculations are per the AISI 2016 "North American Specification for the Design of Cold-Formed Steel Structural Members" (5100-16).

**Allowable Values**

<table>
<thead>
<tr>
<th>Supported Jack Type</th>
<th>Number of Clips</th>
<th>U (lbf)</th>
<th>R (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cornerjack</td>
<td>1</td>
<td>500</td>
<td>2.22</td>
</tr>
<tr>
<td>Cornerjack</td>
<td>2</td>
<td>1000</td>
<td>4.44</td>
</tr>
<tr>
<td>Hipjack</td>
<td>2</td>
<td>1235</td>
<td>5.49</td>
</tr>
<tr>
<td>Endjack</td>
<td>2</td>
<td>1235</td>
<td>5.49</td>
</tr>
</tbody>
</table>

A. (1) Clip may be used when supported truss height is less than 48" (1219mm).

**Detail A**

Distance D (defined below) must be 1-1/4" (31.8mm) or less for this connection.

**Detail B**

For TSC2.75
Cornerjack use TTC5
For TSC4.00
Cornerjack use TTC7

For TSC7.00
Cornerjack use TTC7

Girder web shall not be a C-Web.

**Detail C1**

#1 Hip web shall be wider than .75" (19.1mm)

To Place #1 Hip Vertical Web

Edge of #1 Hip web in line with edge of end/jack web as shown.

* Clip must be bent as needed to ensure that screws penetrate both connection areas for Z-webs.

**Detail C2**

#1 Hip web is TSW.75x.75

To Place #1 Hip Vertical Web

Edge of #1 Hip web in line with edge of end/jack web as shown.

Alpine, a division of ITW Building Components Group, Inc., shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine, a division of ITW Building Components Group, Inc.