### C-Stud Outlooker Attachment To TrusSteel Trusses

**General Notes:**
1. SDS = self-drilling tapping screw.
2. Maximum roof design load is 30 PSF (1.44 kN/m²) live load and 15 PSF (0.72 kN/m²) dead load. Maximum snow load is 10 PSF (0.48 kN/m²).
3. Wind criteria: ASCE 7-05, ASCE 7-10 or ASCE 7-16, closed building, 30° (9144mm) mean roof height, Category III or IV, EXP C, \( K_\text{m} = 1.0 \), top chord dead load used for wind design is 5 PSF (0.24 kN/m²).
4. Roof pitch shall be from 2.2/12 (10.39°) to 12/12 (45°).
5. If truss chord size is TSC2.75 or TSC3.00, then the outlooker may be 362S162-43 with a 362T125-43 track.
6. Outlooker studs shall be placed so that there are no punchouts located within 10” (254mm) of a bearing point.
7. Method and design of connections to transfer diaphragm shear to gable truss are the responsibility of the building designer.
8. Cold-Formed Steel Calculations are per the AISI 2016 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-16).
9. It is permissible to substitute an equal alternative for the Simpson or Alpine hardware specified on this detail.

**Windspeed For Outlookers**

<table>
<thead>
<tr>
<th>Outlooker Spacing</th>
<th>Maximum Wind Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ASCE 7-05</td>
</tr>
<tr>
<td>1’ (305mm) o.c.</td>
<td>140 mph (63 m/s)</td>
</tr>
<tr>
<td>2’ (610mm) o.c.</td>
<td>100 mph (45 m/s)</td>
</tr>
</tbody>
</table>

**Section A-A**

- Partial Roof Layout
- View B

**C-Stud Outlooker**

- Attachment To TrusSteel Trusses

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**Standard Detail:** TS041
**Date:** 10/11/18
**TrusSteel Detail Category:** Outlooker

**www.TrusSteel.com**

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.