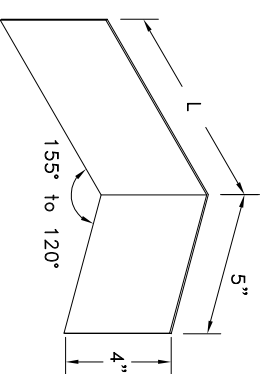


Top View of Connection



General Clip Information

14g ASTM A653 SS Grade 33 Class 1 G60
Bare metal thickness = 0.0677" (1.72mm)

General Notes:

1. SDS = Self-Drilling Tapping Screw
2. All edge distances, end distances and spacing are 9/16" (14mm) minimum.
3. 3-Ply girder shown. Girder may be 1 or 2 plies as needed. Each girder ply must have (5) #10SDS fasteners attaching the clip to the girder web.
4. Rv refers to vertical reaction and U refers to uplift.
5. Two clips must be used for one clip pair. Two clip pairs are required for connection as shown. Supported truss must be analyzed with clip type bearings.
6. ● = Clip Bend; Bend clip only once.
7. Cold-Formed Steel calculations are per the 2010 supplement to the AISI 2007 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).

$$R_v = R_{v1} + R_{v2}$$

$$U = U_1 + U_2$$

$$R_v = U = 4000 \text{ lbs}$$

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Truss to Truss Connection for 1-Ply Supported Truss to 3-Ply Girder

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 ITW Building Components Group, Inc.

Custom Detail:

TS-CD-TT-MA08-002

Date:

09/30/10

Custom Detail Category:

Truss-to-Truss Connection