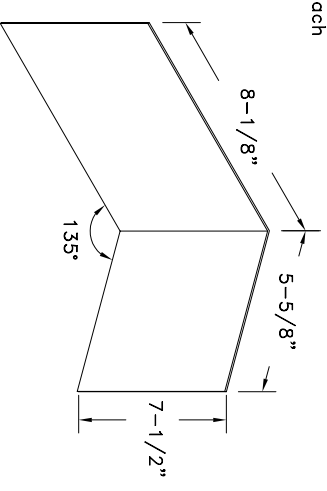


Top View of Connection



### General Clip Information

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

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

$$U = U_1 + U_2$$

$$R_v = U = 4180 \text{ lbs}$$

- General Notes:**
1. All edge distances, end distances and spacing are 9/16" (14mm) minimum.
  2. SDS = Self-Drilling Tapping Screw
  3. 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.
  4. ● = Clip Bend; Bend clip only once.
  5. Cold-Formed Steel Calculations are per the 2004 addendum to the 2001 AISI North American Specification for cold-formed steel structural members.

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## 45° Truss to Truss Connection for 2-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-4509-001

Date:

09/04/08

### Custom Detail Category:

Truss-to-Truss Connection