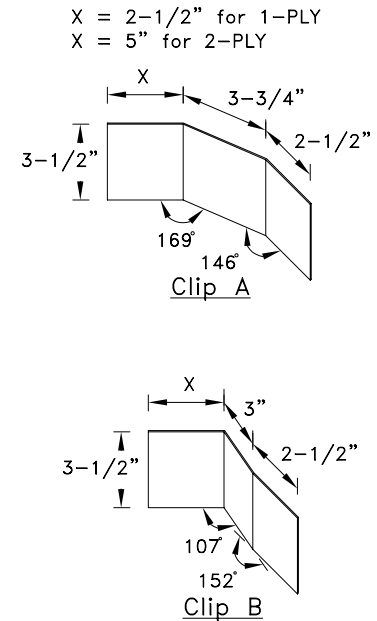


### Clip Pair Cut Section

Girder web placement: Center lines of supported trusses line up with center of girder web, as shown above. The girder web center is marked with a + as shown.



**General Clip Information**  
16ga ASTM A653 SS Grade 33 Class 1 G60  
Bare metal thickness = 0.0538"

### General Notes:

1. SDS = self-drilling tapping screw
2. #10SDS edge distance, end distances and spacing are 9/16" minimum.
3. Truss must be analyzed with concentrated loads directly in line with correctly placed girder vertical webs.
4. For clips connecting to a Z-Web vertical refer to TS068 for connection area.
5. R<sub>V</sub> refers to vertical reaction, and U refers to uplift.
6. Cold-Formed Steel Calculations are per the 2010 addendum to the "AISI 2007 North American Specification for the Design of Cold-Formed Steel Structural Members." (S100-07/S2-10)



[www.TrusSteel.com](http://www.TrusSteel.com)

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## 45° Connection For TSC4.00 2-Ply Supported Truss To TSC4.00 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-4504-002

**Date:**  
04/08/11

**Custom Detail Category:**  
Truss-to-Truss Connection