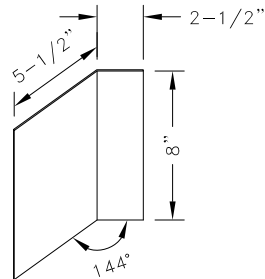


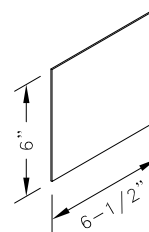
Clip A

12g ASTM A653 SS Grade 33 G60  
Bare Metal Thickness:  $t = 0.0966$ "



Clip B

12g ASTM A653 SS Grade 33 G60  
Bare Metal Thickness:  $t = 0.0966$ "



Clip C

16g ASTM A653 SS Grade 33 G60  
Bare Metal Thickness:  $t = 0.0538$ "

#### General Notes:

1. SDS = Self-Drilling Tapping Screw
2. All edge distances, 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. When supported truss has a Z-Web vertical refer to TS068 for connection area.
5. 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).
6.  $R_v$  Refers to vertical reaction and U refers to uplift.

**TrusSteel®**  
An ITW Company

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

**Florida:** 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001  
**Missouri:** 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102  
**California:** 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

### 54° Truss-To-Truss Connection

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:**  
CD120304

**Date:**  
04/02/12

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