



Tie-in To Girder Connection

Ply-To-Ply Connection

General Notes:

1. SDS = Self-Drilling Tapping Screw
2. Screw end distance and edge distance is 9/32" minimum. Screw spacing is 9/16" minimum.
3. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
4. Truss must be analyzed with concentrated loads directly in line with correctly placed girder vertical webs.
5.  $R_v$  refers to vertical reaction and  $U$  refers to uplift.
6. For clips connecting to a Z-web vertical refer to TS068 for connection area.
7. Cold-Formed Steel Calculations are per the 2010 addendum to the AISI 2007 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).

$R_v = R_{v1} + R_{v2}$ $U = U_1 + U_2$	
Hipjack $R_v = U = 1235 \text{ lbs.}$	Endjack $R_v = U = 1235 \text{ lbs.}$

**TrusSteel®**

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

Florida: 2400 Lake Orange Drive, Suite 150 / Orlando, FL 32837 / (800) 755-6001  
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102

## 45° Hipjack, Endjack Connection 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:**

CD131002

**Date:**

10/04/13

**Custom Detail Category:**

Truss-To-Truss Connection