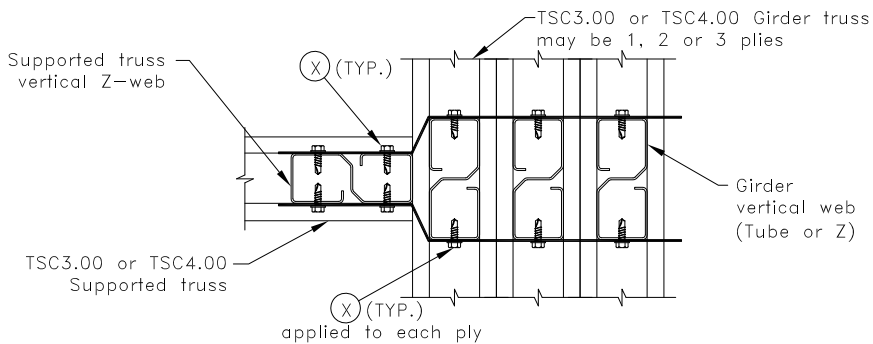
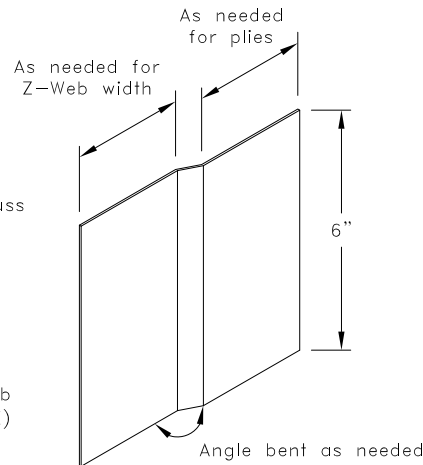
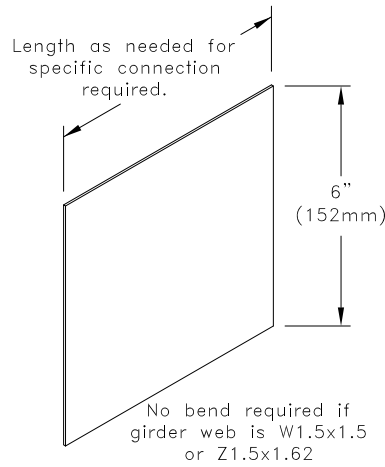


3D View of Clip Connection



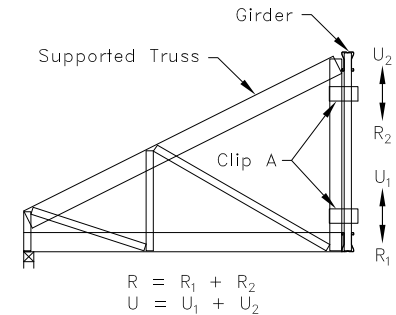
Section A-A



Clip A  
16ga. ASTM A653 Grade 33 G60  
Bare Metal Thickness = 0.0538" (1.37mm)

Allowable Reaction and Uplift lbs (kN)	
X <sup>A</sup>	H = 24 in. (610mm) minimum R = U lbs (kN)
	5
6	4000 (17.79)
7	4700 (20.91)

A. The quantity "X" refers to the number of #10SDS (Self-Drilling Tapping Screws) that are required on each side of each clip into the web member.



Typical Supported Truss to Girder Connection

General Notes:

- The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
- Screw spacing, edge distance and end distance is 9/16" (14mm) minimum.
- The supported truss must be designed utilizing a clip bearing type.
- R = Allowable Reaction and U = Allowable Uplift, at each clip location.
- Cold-Formed Steel Calculations are per the 2010 supplement to the AISI 2007 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).
- Refer to TS068 for connection areas.

**TrusSteel**<sup>®</sup>

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Heavy Duty TSC3.00 or TSC4.00  
Truss-To-Truss Connection  
Up To 3-Ply Girder - Z-Webs

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.

Standard Detail:  
TS060C

Date:  
07/16/12

TrusSteel Detail Category:  
Truss-To-Truss Connections