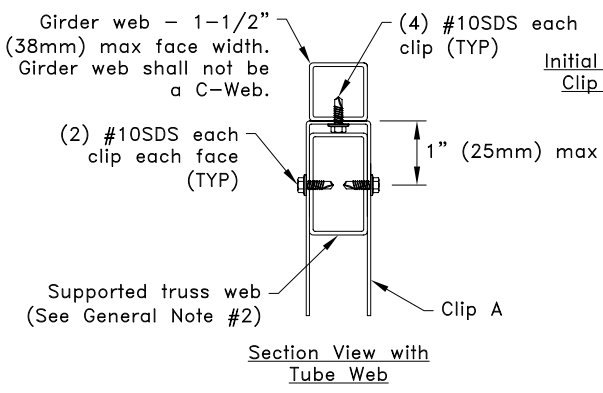
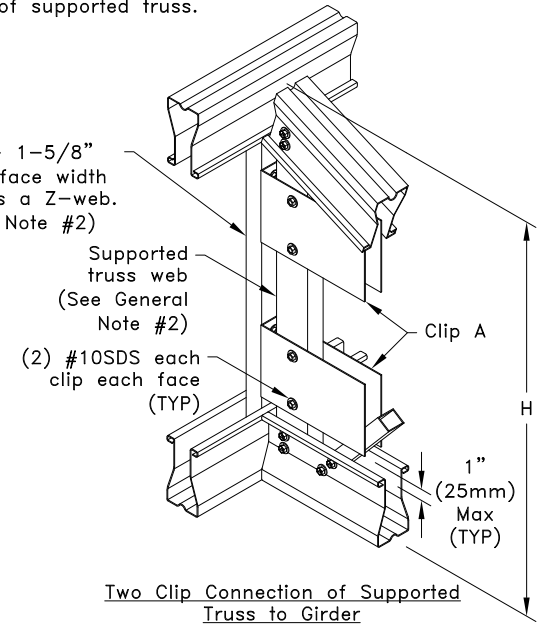
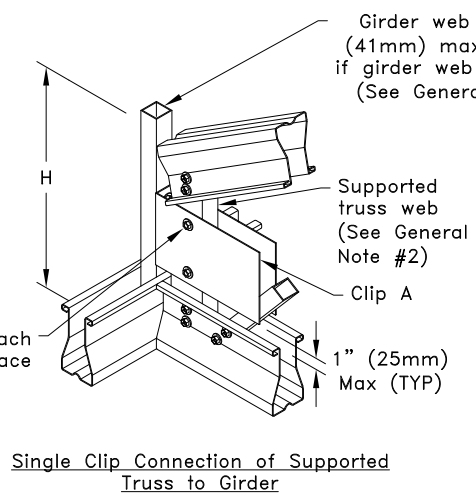
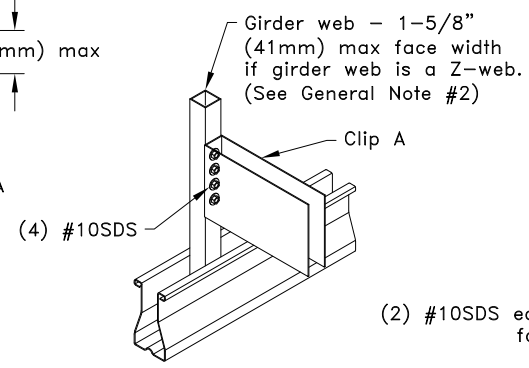
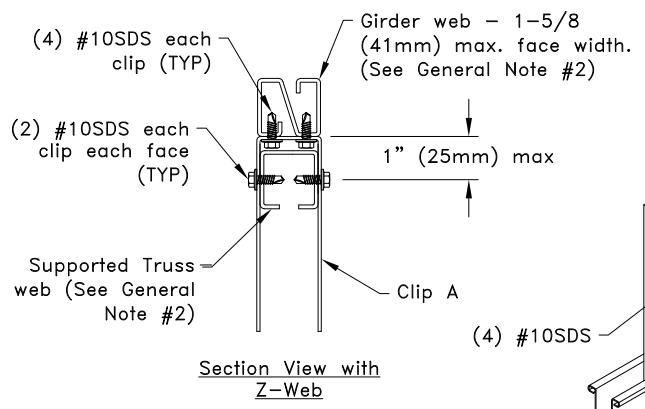


Typical Supported Truss to Girder Connection

Allowable Values						
Supported Truss Chord Size	$H_{min}$ in (mm) <sup>A</sup>	$H_{max}$ in (mm) <sup>A</sup>	Number of "A" Clips	Clip "A" Size		R = U lbs (kN) <sup>A</sup>
				Girder web is tube web	Girder web is Z-web	
TSC2.75	9-1/2 (241)	48 (1219)	1	TTC5	NA	860 (3.83)
TSC3.00 or TSC4.00	12 (305)	48 (1219)	1	TTC7	TTC7	860 (3.83)
TSC2.75	19 (483)	no max limit	2	TTC5	NA	1720 (7.65)
TSC3.00 or TSC4.00	24 (610)	no max limit	2	TTC7	TTC7	1720 (7.65)

A. R = Allowable Reaction, U = Allowable Uplift and H = Heel height of supported truss.



**General Notes:**

1. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
2. If supported truss or girder web is a Z-web, refer to TS068 for connection areas.
3. SDS = Self-Drilling Tapping Screw. Screw spacing, edge distance and end distance is 9/16" (14mm) minimum.
4. The supported truss must be designed utilizing a clip bearing type. For 2 clip connections, place within 1" (25mm) of top and bottom chords as shown. For 1 clip connections, place within 1" (25mm) of bottom chord, or as analyzed.
5. Cold-Formed Steel Calculations are per the AISI 2016 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-16).

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## Face Mounted Truss To Truss Connection

Using TTC Clips (1 Ply Girder)

Alpine, a division of 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 Alpine, a division of ITW Building Components Group, Inc.

**Standard Detail:**  
 TS001D  
**Date:**  
 10/11/18

**TrusSteel Detail Category:**  
 Truss-To-Truss Connections