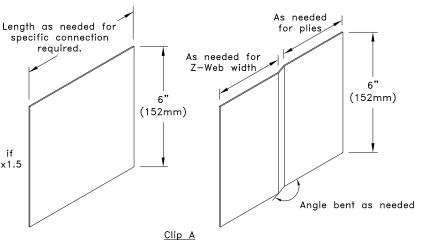


Typical Supported Truss to Girder Connection

Allowable	e Reaction and Uplift lbs (kN)
X <sup>A</sup>	H = 24 in. (610mm) minimum
	$R = U$ Ibs $(kN)^B$
5	3000 (13.34)
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.
- B. R = Allowable Reaction, U = Allowable Uplift



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

TSC3.00 or TSC4.00 Girder truss may be 1, 2 or 3 plies

General Notes:

- 1. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
- 2. Screw spacing, edge distance and end distance is 9/16" (14mm) minimum.
- 3. The supported truss must be designed utilizing a clip bearing type.
- 4. Refer to TS068 for connection areas.
- 5. Cold-Formed Steel calculations are per the 2020 supplement to AISI 2016 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-16/S2-20).



(X) #10SDS

(X) #10SDS

Section A-A

Supported truss

vertical Z-web (TYP)

Supported truss

2-Ply TSC3.00 or TSC4.00

Heavy Duty 2-Ply TSC3.00 or TSC4.00 Truss-To-Truss Connection Up To 3-Ply Girder - Z-Webs

(X) #10SDS

Girder vertical web

(Tube or Z)

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:

TS062C

Date:

06/01/22

TrusSteel Detail Category:

Truss-To-Truss Connections

www.TrusSteel.com

155 Harlem Ave., North Building, 4th Floor / Glenview, IL 60025 / (800) 755-6001