



Section A-A

(1) clip may be used when supported height is less than 2'0" (609.6 mm) and supported truss reaction is less than 1483 lbs. (6.59 kN) Max screw spacing between Tie-in Truss and Supporting Truss is 1.25".

(R) Maximum Reaction lbs. (kN)	Number of Clips	X
988 (4.39)	1	3
988 (4.39)	2	2
1482 (6.59)	1	4
1482 (6.59)	2	2
1976 (8.79)	2	3

- X is number of #10 self drilling screws on each side of each clip in each web member.

TSC2.75 Chord Trusses
A - TTC5 Clip

TSC4.00 Chord Trusses
A - TTC7 Clip

U-Clips are 20ga ASTM A653 SS grade 33.
Bare metal thickness is 0.0329" (0.84mm) min.

General Notes:

1. Screw spacing, edge distance and end distance is 5/8" (16mm) minimum.
2. A clip bearing type must be used in VIEW to analyze the supported truss.
3. R = reaction from TrusCAD analysis.
4. Supporting truss must be designed with reaction from Supported truss.



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180° Truss-To-Truss Connection

Using TTC Clips (1 Ply Truss)

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:
EC021

Date:
05/10/11

TrusSteel Detail Category:
Truss-To-Truss Connections