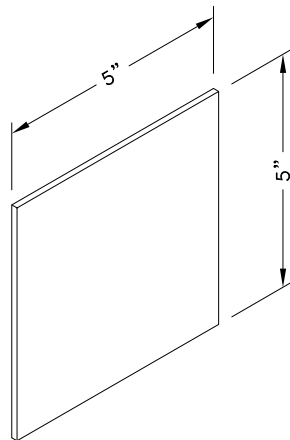


Maximum Loads In Combination

U = 2,500#
P1 = 1,000#
P2 = 150#

Maximum P1 Not In Combination

P1 = 3,500#



Clip A

16g ASTM A653 SS Grade 33 Class 1 G60
Bare metal thickness: $t = 0.0528$ "

General Notes:

1. SDS = Self-Drilling Tapping Screw. Screw end distance and edge distance is $9/32$ " minimum. Screw Spacing is $9/16$ " minimum.
2. Wall top plate is made of ASTM A653-06a SS grade 33 or grade 50 steel. Top plate width is 6" maximum.
3. Attachment of second clip on opposite face of chord is identical to what is detailed.
4. P1 refers to in-plane lateral load, and U refers to uplift. P2 refers to out of plane lateral load.
5. When two trusses share bearing they must butt together at center of 1-1/2" plate gap.
6. Refer to TrusSteel Technical Bulletin 98.10.05 titled "Repair of Galvanized Surfaces" to restore corrosion resistant properties of the connection after welding.
7. Cold-Formed Steel calculations are per the 2010 supplement to the AISI 2007 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).

TrusSteel[®]

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TrusSteel Truss to 6" Cold-Formed
Steel Top Plate

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:

CD121007

Date:

10/23/12

Custom Detail Category:

Truss-to-Bearing Connection