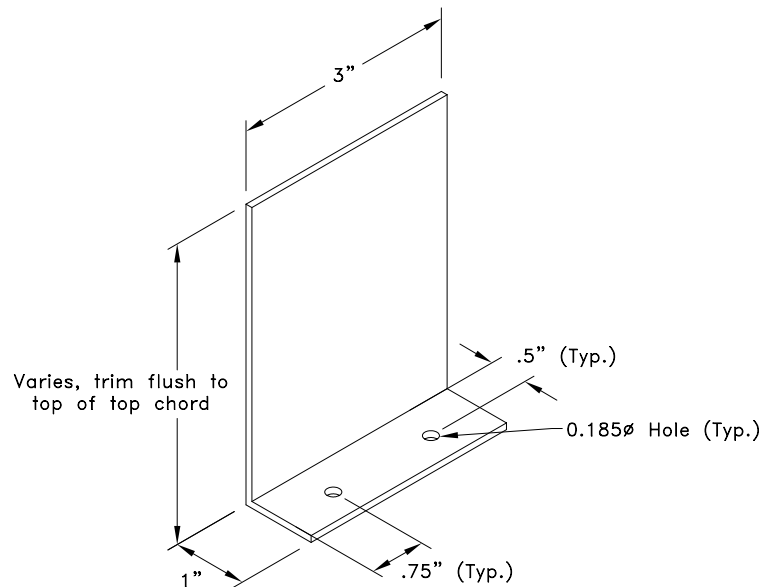
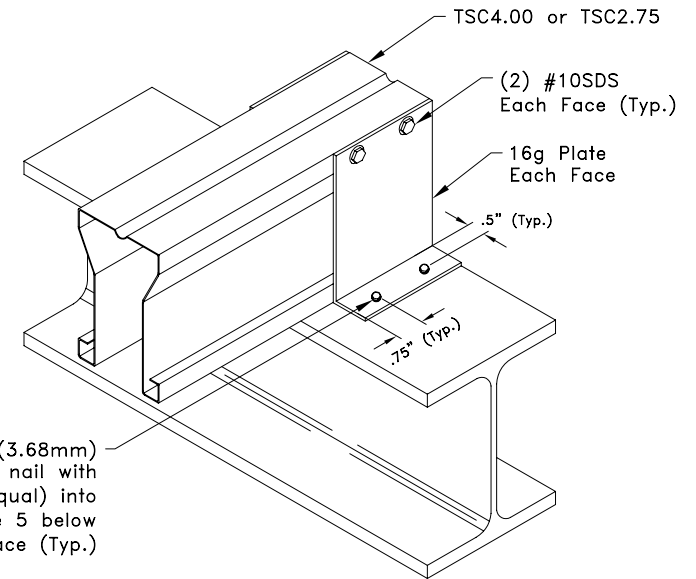


****This detail shows this truss to bearing connection at a 0/12 pitch. But this connection will work up to a 4/12 connection.**



16g Plate
16g ASTM A653 Grade 33 G60
Bare Metal Thickness: $t = 0.0538"$



Total Uplift Capacity = 500# (Clip on each face required)

General Notes:

1. Attachment of second clip on opposite face of chord is identical to what is detailed.
2. Install pins in the two outside holes of clip. Pin spacing is 1-1/2" (38mm) minimum.
3. Pins must be driven through existing holes in clip and be driven perpendicular to steel surface.
4. Care must be taken to insure pins are not overdriven. Pins that are overdriven may puncture surface of clip causing damage. If clip is damaged, the connection will not carry any load.
5. Pin length must be long enough to insure the tip penetrates completely through the steel.
6. Do not install pins into area of beam flange directly above beam web.
7. Refer to manufacturers specification and code approval regarding proper installation of anchor.
8. Reference manufacturers code approval for other steel pins.
9. Calculations are per the 2004 addendum to the AISI 2001 North American Specification for the Design of Cold-Formed Steel Structural members.

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California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

Top Chord Bearing Detail

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:

TS-CD-TCB2-006

Date:

5/23/11

TrusSteel Detail Category:

Uplift Connection