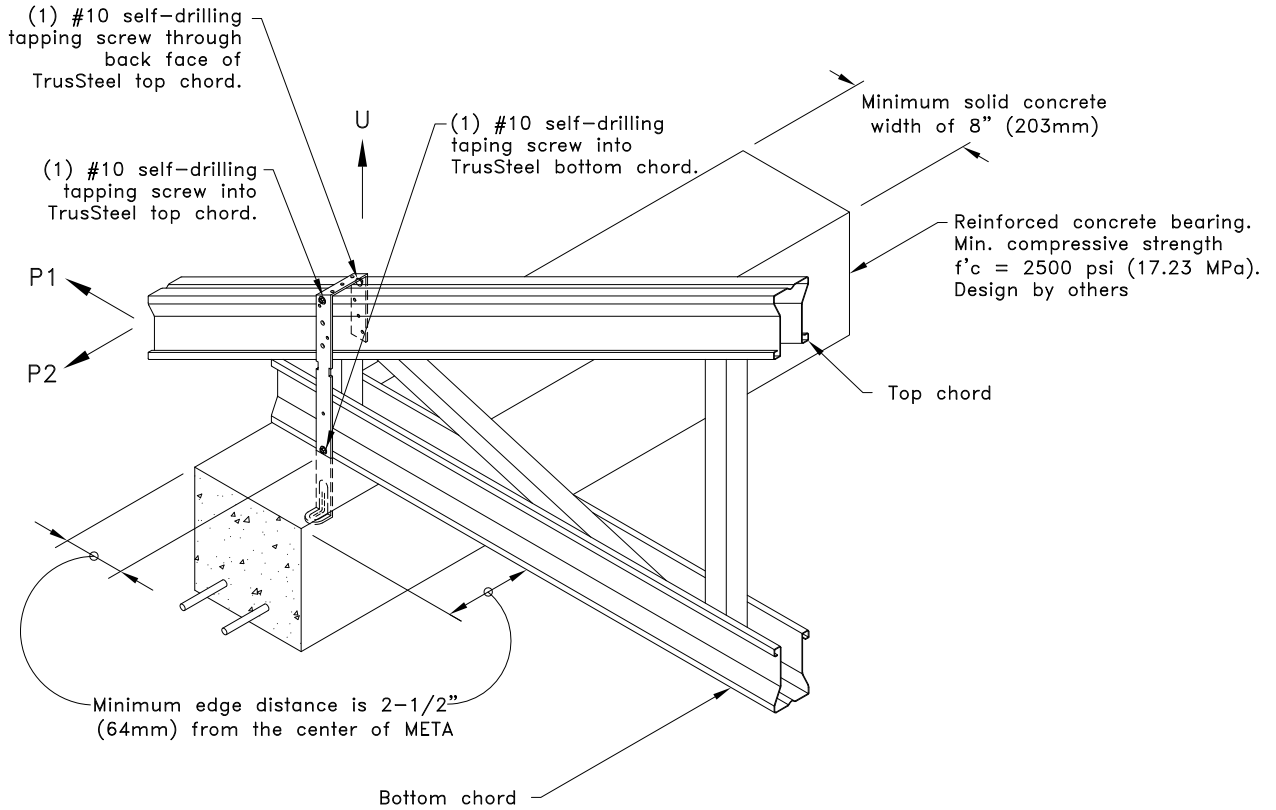
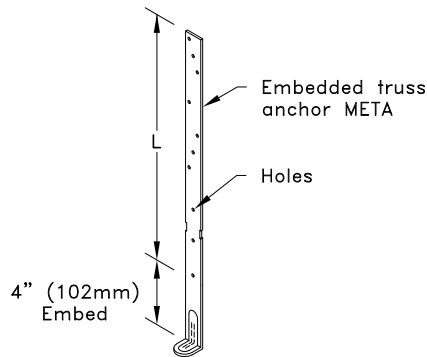


Contact a TrusSteel engineer if the approved truss drawing has been analyzed with a bearing under the bottom chord. Resisting uplift at the top chord of the truss changes the truss analysis.

Allowable U lbs (kN) ^A		
Chord	META on One Face	META on Both Faces
28TSC2.75	550 (2.45)	1210 (5.38)
33TSC2.75		1530 (6.81)
43TSC2.75		1800 (8.00)
28TSC3.00 or 28TSC4.00	590 (2.62)	1180 (5.25)
33TSC3.00 or 33TSC4.00	760 (3.38)	1530 (6.81)
43TSC3.00 or 43TSC4.00	900 (4.00)	1800 (8.00)
54TSC3.00 or 54TSC4.00		
68TSC4.00		
97TSC4.00		
Allowable P1 and P2 lbs (kN) ^A		
P1/P2	META on One Face	META on Both Faces
P1	85 (0.38)	170 (0.76)
P2	65 (0.29)	130 (0.58)

A. Allowable loads shown are not in combination.

META	"L" in. (mm)
META16	12 (305)
META18	14 (356)
META20	16 (406)
META22	18 (457)
META24	20 (508)



General Notes:

1. If an META is required on both faces, attach the second META to the opposite face of the chord as detailed.
2. 2-Ply trusses require a strap on each face. For connection to 3-Ply trusses contact a TrusSteel engineer.
3. Truss shall be designed with at least one vertical web over the bearing.
4. See detail above for required number of screws and placement.
5. META shall be installed so it wraps over the top of the truss and returns down the back side of the top chord as shown in detail above.
6. Allowable loads shown are for use with normal weight concrete.
7. It is permissible to substitute an equal alternative for the Simpson Strong-Tie hardware specified on this detail.
8. 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).



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Simpson META (or equal) Uplift Attachment Over Top Of Truss Into Concrete Bearing

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:
TS035

Date:
06/01/22

TrusSteel Detail Category:
Truss-To-Bearing: Concrete