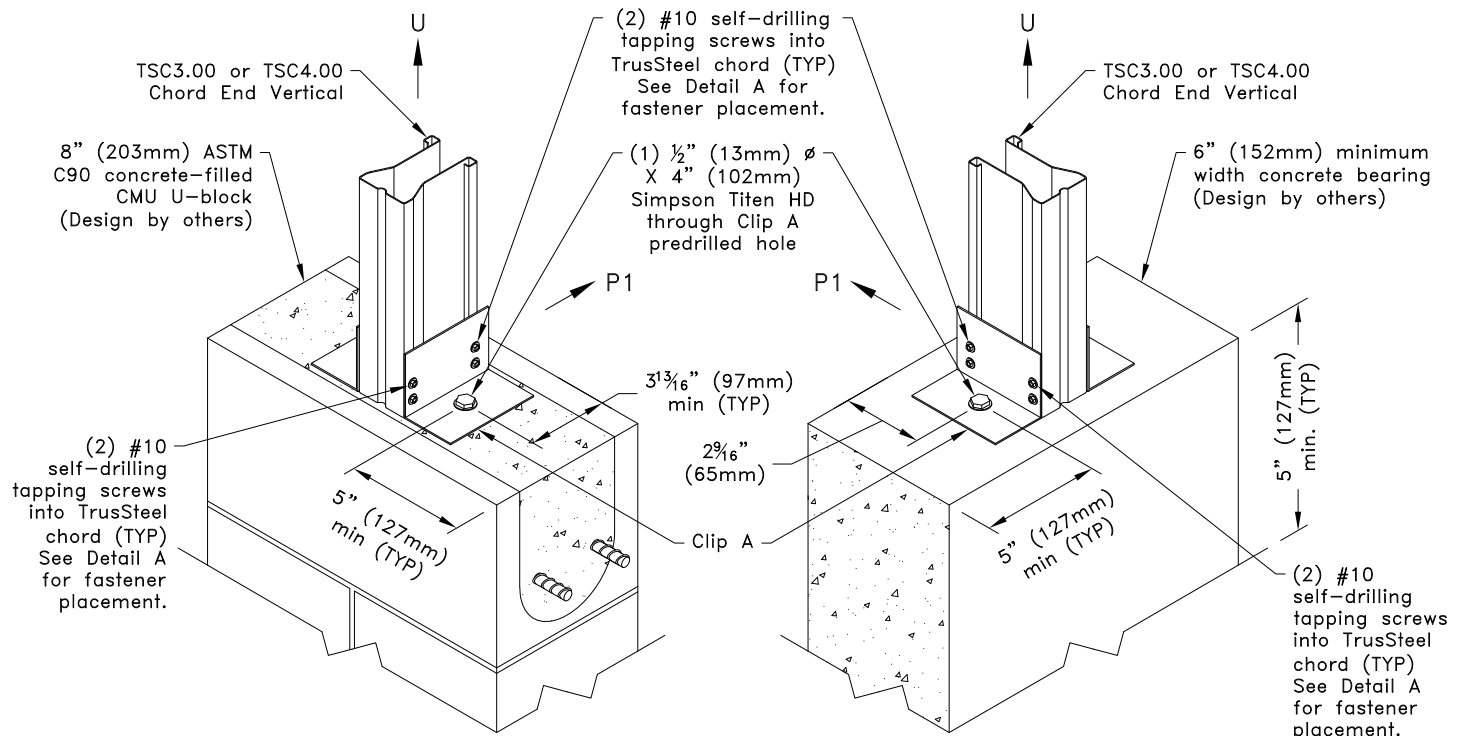


Allowable Loads - lbs (kN) ^{A,B}			
f'c of concrete psi (MPa)	Allowable Loads	12g Clip	
		TSC3.00 Chord Clip on Both Faces	TSC4.00 Chord Clip on Both Faces
2500 (17.24)	U	1280 (5.69)	1280 (5.69)
	P ₁	650 (2.89)	730 (3.25)
3000 (20.68)	U	1310 (5.83)	1420 (6.32)
	P ₁	650 (2.89)	730 (3.25)
4000 (27.58)	U	1310 (5.83)	1470 (6.54)
	P ₁	650 (2.89)	730 (3.25)
5000 (34.47)	U	1310 (5.83)	1470 (6.54)
	P ₁	650 (2.89)	730 (3.25)

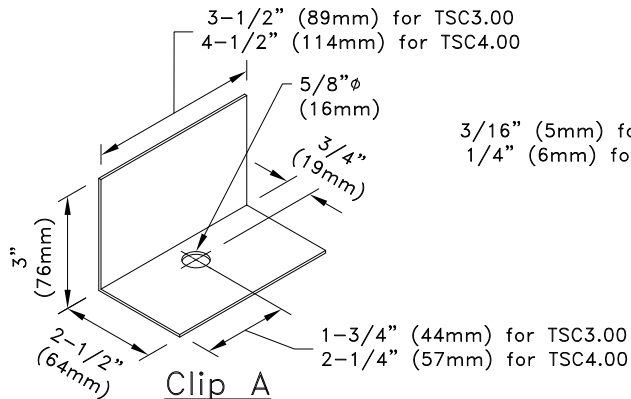
Allowable Loads - lbs (kN) ^{A,B}		
f'c of concrete psi (MPa)	Allowable Loads	16g Clip
		TSC3.00 or TSC4.00 Chord Clip on Both Faces
2500 (17.24)	U	960 (4.27)
	P ₁	650 (2.89)

- A. Allowable loads shown on this detail are not in combination.
 B. Design values are for cracked or uncracked concrete.

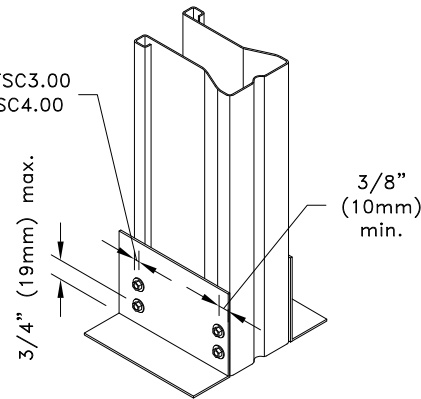


General Notes:

- Attachment of second clip on opposite face of chord is identical to what is detailed.
- This detail is for 1-Ply or 2-Ply truss only, for 3-Ply trusses contact a TrusSteel engineer.
- #10SDS Screw end distance and edge distance is 9/32" (7.14mm) minimum. Screw spacing is 9/16" (14.3mm) minimum.
- Special inspection is required. For proper installation of Titen HD fasteners and requirements of special inspection, refer to ICC ESR-2713 (September, 2021).
- It is the responsibility of the building designer to verify that the structural support members are designed for all applicable loads including (but not limited to) the loads given on this detail.
- Allowable loads shown are for use with normal weight concrete.
- 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).



16 ga ASTM A653 SS Grade 33 G60
 Bare metal thickness, t = 0.0538" (1.37mm)
 or
 12 ga ASTM A653 SS Grade 33 G60
 Bare metal thickness, t = 0.0966" (2.45mm)



Detail A
Fastener Placement



www.TrusSteel.com

**TSC3.00 or TSC4.00 Chord
 End Vertical Uplift Attachment
 To 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:
TS077A

Date:
06/01/22

TrusSteel Detail Category:
Truss-To-Bearing: Concrete