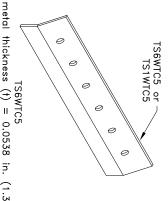
		Allowable	Allowable Loads lbs (kN) ^A	``	
Chord	Allowable Loads ^{A,D}	Clip on one face ^B	ne face ^B	Clip on both faces	oth faces
(TS6WTC5	TS1WTC5	TS6WTC5	TS1WTC5
201CO 7E	U	550 (2.45)	2.45)	2820 (12.54)	(12.54)
201302.73	P1	1410 (6.27)	(6.27)	2820 (12.54)	(12.54)
37 COSTE	U	550 (2.45)	2.45)	3520 (15.66)	(15.66)
331302.73	P1	1760 (7.83)	(7.83)	3520 (15.66)	(15.66)
35 COST27	N	550 (2.45)	2.45)	5230 (23.26)	(23.26)
431302.73	P1	2470 (10.99)	10.99)	4930 (21.93)	(21.93)
00 703186	n	1370 (6.09)	(6.09)	2820 (12.54)	(12.54)
201304.00	P1	1410 (6.27)	(6.27)	2820 (12.54)	(12.54)
00 703122	U	1370 (6.09) ^c	(6.09) ^C	3520 (15.66)	(15.66)
331304.00	P1	1760 (7.83)	(7.83)	3520 (15.66)	(15.66)
00 73127	U	1370 (6.09) ^C	(6.09) ^C	5230 (23.26)	(23.26)
431304.00	P1	2470 (10.99)	10.99)	4930 (21.93)	(21.93)
54, 68, and	U	1370 (6.09) ^C	6.09) ^C	6020 (26.78)	6500 (28.91)
97TSC4.00	P1	2470 (10.99)	10.99)	4930 (21.93)	(21.93)
^ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Allowable leade obes	5))) ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;		

- ე.թ.> Allowable loads shown are not in combination. Connections with clip on one face require a web above connection. If web above connection is 33W1.5x.75, U=910 lbs (4.05 kN). If web above connection is 33C1.5x1.5, U=1000 lbs (4.45 kN).
- Ö (6.54 kN) for clip on both on both faces. P2 = 570 lbs (2.54 kN) for clip on one face. P2 = 1470 lbs



TS6WTC5 bare metal thickness (t) = 0.0538 in. (1.37mm) TS1WTC5

bare metal thickness (t) = 0.128 in. (3.25 mm)



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to Cold-Formed Steel Bearing TS6WTC5 or TS1WTC5 Welded Truss Clip Using #14SDS

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.

TS6WTC5 or -TS1WTC5 General Note #1) TSC2.75 or TSC4.00 steel bearing Design by Cold Formed others (See TrusSteel web above connection)" (25mm) > 3/4" (19mm) **P**2 P1 weld option) 3(1/8")(3.18mm) V (Refer to General Note #6 for (6) #14 self-drilling tapping screws into TrusSteel chord. 1"@1-3/4" (25mm@45mm)

General Notes:

- Bearing shall be manufactured from Cold-Formed Steel (CFS) with minimum tensile strength of 45 KSI (310 MPa), minimum bare metal thickness, t=0.0538" (1.37 mm) and maximum width of 3-5/8"
- Attachment of second clip on opposite face of chord is identical to what is detailed.
- ÿ Design of bearing shall be by others.
- 4 Refer to TrusSteel Technical Bulletin 98.10.05 titled "Repair of Galvanized Surfaces" to restore corrosion resistant properties of the connection after
- Ģ Weld values are based on a filler material with a minimum tensile strength of 70 ksi (483 (MPa).
- რ. In lieu of welds specified above, the full length of the TS6WTC5 / TS1WTC5 may be welded to the bearing.
- Cold—formed steel calculations are per the AISI 2007 North American Specification for the Design of Cold—Formed Steel Structural Members

Custom Detail: TS-CD-TB-CF14-002

Custom Detail Category:

04/21/11

Truss-To-Bearing Connection