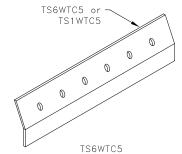


Allowable	Loc	ıds	lbs
U ₁ (max)	=	90	0#
U_2 (max)	=	90	0#

General Notes:

- 1. Bearing shall be manufactured from Cold-Formed Steel (CFS) with minimum tensile strength of 45 KSI, minimum bare metal thickness, t=0.0538" and maximumn width of 3-5/8".
- 2. Attachment of second clip on opposite face of chord is identical to what is detailed.
- 3. Screw end distance and edge distance is 3/8 minimum. Screw spacing is 3/4 minimum.
- Refer to TrusSteel Technical Bulletin 98.10.05 titled "Repair of Galvanized Surfaces" to restore corrosion resistant properties of the connection after welding.
- 5. Weld values are based on a filler material with a minimum tensile strength of 70 ksi.
- 6. In lieu of welds specified above, the TS6WTC5/TS1WTC5 may be welded the full width of the bearing.
- Cold-Formed Steel Calculations are per the 2010 supplement to the AISI 2007 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).



bare metal thickness (t) = 0.0538 in. TS1WTC5 bare metal thickness (t) = 0.128 in.

TrusSteel®

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TS6WTC5 or TS1WTC5 Clip Pair to Cold-Formed Steel Bearing

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: CD131003

Date:

10/11/13

Custom Detail Category:

Truss-To-Bearing: Structural Steel