



General Notes:

1. Contact a TrusSteel engineer for one face connection on 2-Ply or 3-Ply trusses.
2. If more than one fastener is required, spacing and end distance of fasteners = 3/4" (19mm).
3. Fastener connection shown to be applied within 8" (305mm) of the bearing connection.
4. Fasteners(X) = 14AMDB2.125 for TSC2.75 and 14AMD3.5 for TSC3.00 or TSC4.00
5. For proper attachment of the truss to the bearing, see approved truss to bearing connection detail.
6. Cold-Formed Steel Calculations are per the AISI 2016 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-16).

3-Ply Truss with Uplift Connection On Both Faces – lbs (kN)						
(X) = Number of required fasteners on each face	28TSC	33TSC	43TSC	54TSC	68TSC	97TSC
1	1410 (6.27)	1760 (7.83)	2620 (11.65)	3680 (16.37)	5200 (23.13)	5830 (25.93)
2	2820 (12.54)	3520 (15.66)	5230 (23.26)	7360 (32.74)	10390 (46.22)	11650 (51.82)
3	4230 (18.82)	5270 (23.44)	7850 (34.92)	11030 (49.06)	15590 (69.35)	17480 (77.75)
4	5640 (25.09)	7030 (31.27)	10460 (46.53)	14710 (65.43)	20780 (92.43)	23300 (103.64)
5	7050 (31.36)	8790 (39.10)	13080 (58.18)	18390 (81.80)	25980 (115.56)	29130 (129.58)



www.TrusSteel.com

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 Missouri: 13723 Riverport Drive, Suite 200 / Maryland Heights, MO 63043 / (800) 326-4102

**Ply-To-Ply Connection For
Uplift Connections On 3-Ply
Trusses**

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:
TS023A

Date:
10/11/18

TrusSteel Detail Category:
Ply-To-Ply Connections