TSC3.00 or TSC4.00
Gusset Plate Fastener Placement

1. Fastener spacing and end distance is 3/4" (19mm) minimum except as shown.
2. Refer to approved truss drawing for gusset size, gauge, and grade.
3. Refer to approved truss drawings for required fastener type and quantities for each member connected to gusset plate.
4. If K-Web diagonals are 3/4" (19mm) wide, one row of fasteners is adequate.
5. If any web is 3-1/2" (89mm) wide three rows of fasteners are allowed.
6. = Fastener contact area.

Gusset plate
Each face (TYP)

This line of fasteners may be 14AM6.35 from each side or 14AMDR2.375 from one side.

K-Web Fastener Area For Tube Webs Without Chord

K-Web Fastener Area For Tube Webs With Chord

K-Web Fastener Area For Z-Webs Without Chord

K-Web Fastener Area For Z-Webs With Chord

K-Web Fastener Locations For Tube Webs Without Chord

K-Web Fastener Locations For Tube Webs With Chord

K-Web Fastener Locations For Z-Webs Without Chord

K-Web Fastener Locations For Z-Webs With Chord

General Notes:

TSC3.00 Section

TSC4.00 Section

ALPINE TrusSteel
www.TrusSteel.com

Florida: 8750 Forum Drive, Suite 305 / Orlando, FL 32821 / (800) 755-6001
Missouri: 13723 Riverport Drive, Suite 200 / Maryland Heights, MO 63043 / (800) 590-109

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 must be approved in advance by Alpine, a division of ITW Building Components Group, Inc.

Standard Detail: TS016G
Date: 10/11/18
TrusSteel Detail Category: Pitch Break Connections