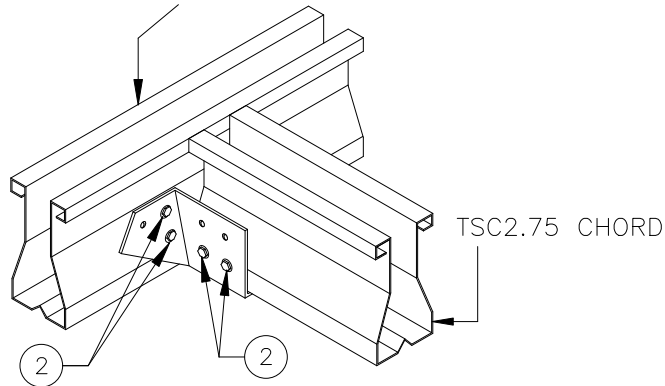


TSJH22, TSJH24 AND TSJH44 HANGER APPLICATION WITH REDUCED SCREW QUANTITIES

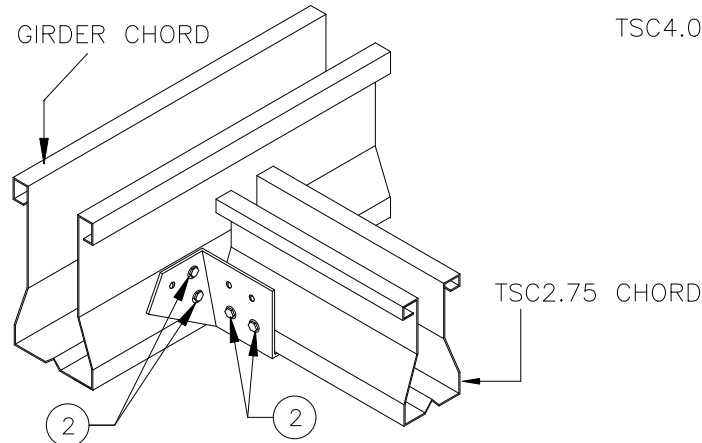
TSJH22

TSC2.75 GIRDER CHORD



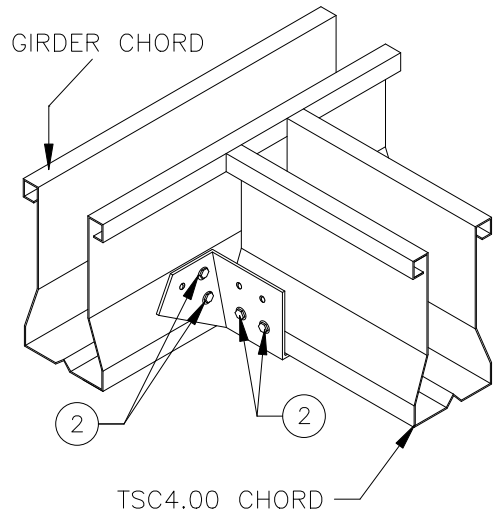
TSJH24

TSC4.00 GIRDER CHORD



TSJH44

TSC4.00 GIRDER CHORD



TSJH22 ALLOWABLE LOAD TABLE

ALLOWABLE LOADS lbs. (kN)	GIRDER CHORD GAUGE		
	28TSC 22ga	33TSC 20ga	43TSC 18ga
DOWN	370 (1.65)	460 (2.05)	630 (2.80)
UP – GRAVITY	340 (1.51)	390 (1.73)	410 (1.82)
UP – WIND	450 (2.00)	510 (2.27)	550 (2.45)

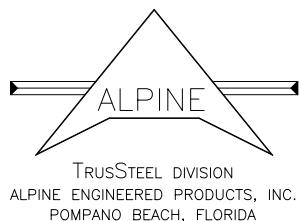
TSJH24 AND TSJH44 ALLOWABLE LOAD TABLE

ALLOWABLE LOADS lbs. (kN)	GIRDER CHORD GAUGE			
	28TSC 22ga	33TSC 20ga	43TSC 18ga	54TSC 16ga
DOWN	370 (1.65)	460 (2.05)	630 (2.80)	630 (2.80)
UP – GRAVITY	340 (1.51)	390 (1.73)	410 (1.82)	410 (1.82)
UP – WIND	450 (2.00)	510 (2.27)	550 (2.45)	550 (2.45)

– The wind uplift capacities shown above have been increased by 1.33 and may be used only for uplift resulting from wind or seismic loads.

General Notes:

1. Circled numbers represent the quantity of #10 self-drilling sheet metal screws applied through the pre-drilled holes in hanger into the TrusSteel chord. The same quantity of screws is to be applied on the side of the hanger that is not visible.
2. Screws must be positioned as shown above in order to use the allowable load table to the left. No other positions are allowed.
3. Do not overdrive screws. Overdriven screws may strip out of TrusSteel chord.
4. Hangers may be located anywhere along girder chords.
5. Refer to TrusSteel detail drawings TS023, TS024 or TS024A for ply-to-ply connections for multiple member girders.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING DEPICTED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO REDUCE BUCKLING LENGTHS. ALL DESIGN, ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING, TO RESIST LATERAL FORCES AND HOLD TRUSSES PLUMB, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING, AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO DESIGN OF THE TRUSS DEPICTED HERE AND SHALL NOT BE RELIED UPON IN OTHER WAY.

TrusSteel DETAIL
DATE 12/21/01
DRWG TS022A
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