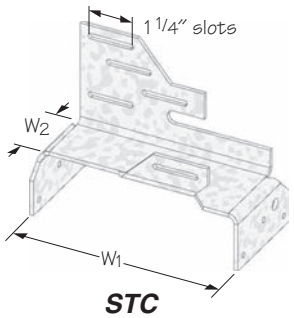
Scissor Truss Clips – STC series

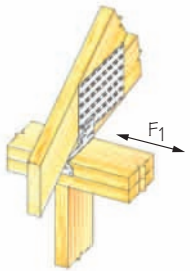
The STC provides uplift resistance by securing trusses to top plates. Slotted nail holes allow for horizontal movement as scissor trusses deflect.

Materials: 12 gauge
Finish: G90 galvanizing
Codes: CCMC 13116-R
Load values are derived from data submitted to various North American building code evaluators.

Installation:
- Use all specified fasteners. See Product Notes, page 16.
- When installing, do not fully set nails.
- Locate nails into the centre of slots to allow for horizontal movement.



STC



Typical *STC* installation

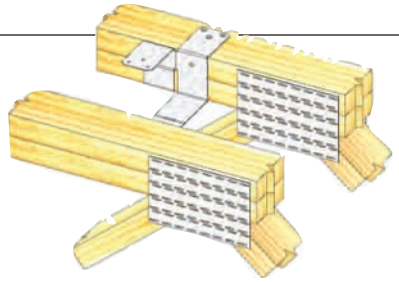
USP Stock No.	Ref. No.	Steel Gauge	Description	Dimensions		Fastener Schedule[3]		Factored Resistance (115%)[1,2]			
								DF-L		S-P-F	
				W1	W2	Truss	Plate	F1	Uplift	F1	Uplift
STC24	TC24	12	2 x 4 top plate	3-9/16	1-5/8	(5) 10d x 1-1/2	(6) 10d	270	1040	270	905
STC26	TC26	12	2 x 6 top plate	5-1/2	1-5/8	(5) 10d x 1-1/2	(6) 10d	270	1040	270	905
STC28	TC28	12	2 x 8 top plate	7-1/4	1-5/8	(5) 10d x 1-1/2	(6) 10d	270	1040	270	905

1) The factored resistances given above are for Limit States Design in accordance with the 2005 National Building Code of Canada. They have been soft converted from allowable working stresses developed using the 2001 National Design Specification and the ICC-ES (AC13) Joist Hangers And Similar Devices.
2) The 115% values are short-term loads such as wind and earthquake. For standard term loads divide the values by 1.15.
3) Minimum nail penetration shall be 1-1/2″ for 10d nails.

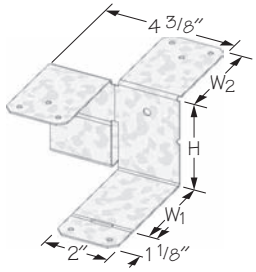
Floor Truss Clips – FTC series

The Floor Truss Clip efficiently transfers loads between floor truss plys. The FTC slides easily onto the top or bottom chord and provides a guide to help position and support the second truss during assembly.

Materials: 18 gauge
Finish: G90 galvanizing
Patents: #5,653,079
Options: FTC1 and FTC2 can be ordered without the lower two bends for installation when the trusses are in place. To order, add *F* to stock number as in **FTC1F.**
Codes: CCMC 13116-R
Load values are derived from data submitted to various North American building code evaluators.


Typical *FTC* installation

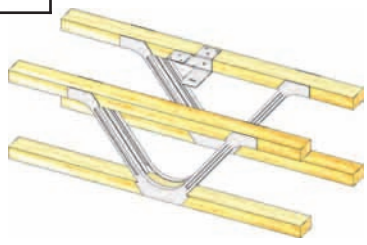
Installation:
- Use all specified fasteners. See Product Notes, page 16.
- The truss designer must determine the number of clips and spacing between units according to concentrated load conditions and uniform loading requirements.



FTC

Truss Size	USP Stock No.	Ref. No.	Steel Gauge	Dimensions			Fastener Schedule[3,4]	Factored Maximum Transfer Resistance[1,2,5]	
								DF-L	S-P-F
				W1	W2	H		100%	100%
3 x 2	FTC32	-- --	18	2-1/2	2-1/16	1-1/2	(10) 10d x 1-1/2	980	850
(2) 3 x 2	FTC32-2	-- --	18	2-1/2	2-1/16	3	(10) 10d x 1-1/2	980	850
4 x 2	FTC1	-- --	18	3-1/2	3-1/16	1-1/2	(10) 10d x 1-1/2	1245	1080
(2) 4 x 2	FTC2	-- --	18	3-1/2	3-1/16	3	(10) 10d x 1-1/2	1245	1080

1) The factored resistances given above are for Limit States Design in accordance with the 2005 National Building Code of Canada. They have been soft converted from allowable working stresses developed using the 2001 National Design Specification and the ICC-ES (AC13) Joist Hangers And Similar Devices.
2) Factored transfer resistances are for 100% floor load, and shall not be increased for short term load duration.
3) 10d x 1-1/2 nails are 9 gauge (0.148″ diameter) by 1-1/2″ long.
4) Minimum nail penetration shall be 1-1/2″ for 10d nails.
5) Truss designer shall determine the number of clips for concentrated loads and the spacing for uniform loads.


Typical *FTC* 2 ply metal web truss installation