

# S/HTC Heavy Truss Clips

S/HTC provides a slotted connection from the truss or joist to the top track when isolation of two members is required.

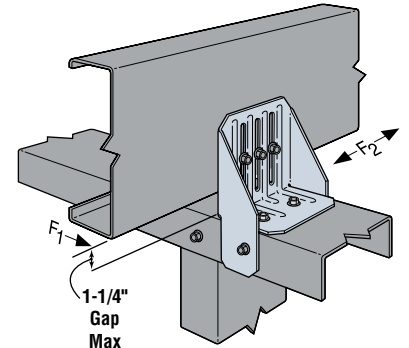
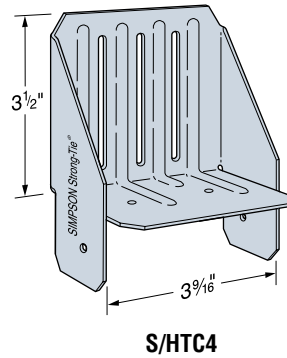
**MATERIAL:** 43 mil (18 ga)

**FINISH:** Galvanized

**INSTALLATION:** • Use all specified fasteners.

- Screws shall not be driven completely flush against the connector when vertical movement is desired

**CODES:** See page 8 for Code Listing Key Chart.



Typical S/HTC4 Installation

Model No.	Fasteners		Allowable Loads <sup>1</sup> (100)				Code Ref.
	Top Track	Truss	Without Gap <sup>2</sup>		With 1 1/4" Gap <sup>3</sup>		
			F <sub>1</sub>	F <sub>2</sub>	F <sub>1</sub>	F <sub>2</sub>	
S/HTC4	4 - #8	3 - #8	320	460	85	175	151

1. Tabulated loads are governed by tests and may not be increased. Refer to page 12 for additional information.
2. Truss or rafter must be bearing on top plate to achieve the allowable loads under "WITHOUT GAP."
3. Installed with maximum 1 1/4" space between rafter or truss and top plate under "WITH 1 1/4" GAP." Where loads are not required, space is not limited to 1 1/4".
4. Loads are based on steel with 43 mil (18 ga) minimum.

## Straps & Ties

# LTS/MTS/HTS Twist Straps

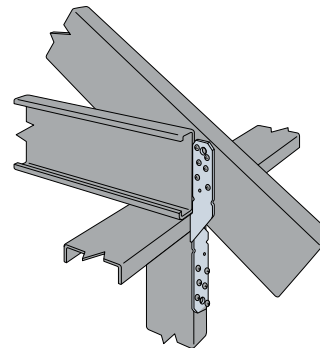
Twist straps provide a tension connection between two members. They resist uplift at the heel of a truss economically. The 3" bend section eliminates interference at the transition points between steel members.

**MATERIAL:** See table

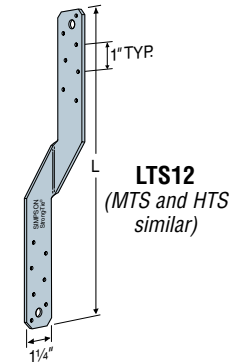
**FINISH:** Galvanized. Some products available in stainless steel and ZMAX<sup>®</sup>; see Corrosion Information, page 12–13.

**INSTALLATION:** Use all specified fasteners. See General Notes.

**CODES:** See page 8 for Code Listing Key Chart.



Typical LTS Installation Truss to Steel Studs

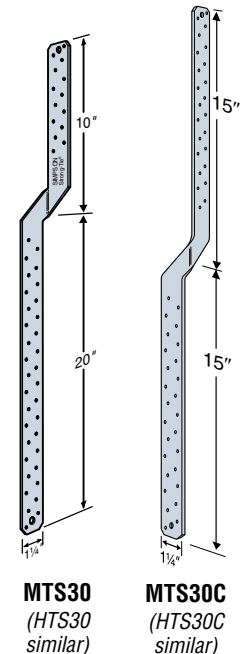


LTS12 (MTS and HTS similar)

Available with additional corrosion protection. Check with factory.

Model No.	Material Thickness mil (ga)	L	Fasteners (Total)			Allowable Tension Loads (100)		Code Ref.
			Rafter/Stud/Joist Thickness			33 mil (20 ga)	43 mil (18 ga) <sup>7</sup>	
			33 mil (20 ga)	43 mil (18 ga)	54 mil (16 ga)			
LTS12	43 (18 ga)	12	10-#10	6-#10	6-#10	775	775	28, 104, 151
LTS16		16	10-#10	6-#10	6-#10	775	775	
LTS18		18	10-#10	6-#10	6-#10	775	775	
LTS20		20	10-#10	6-#10	6-#10	775	775	
MTS12	54 (16 ga)	12	12-#10	8-#10	6-#10	995	995	28, 104, 151
MTS16		16	12-#10	8-#10	6-#10	995	995	
MTS18		18	12-#10	8-#10	6-#10	995	995	
MTS20		20	12-#10	8-#10	6-#10	995	995	
MTS30		30	12-#10	8-#10	6-#10	995	995	
MTS24C		24	12-#10	8-#10	6-#10	995	995	
MTS30C	30	12-#10	8-#10	6-#10	995	995	151	
HTS16	68 (14 ga)	16	16-#10	12-#10	6-#10	1415		1450
HTS20		20	18-#10	12-#10	6-#10	1450		1450
HTS24		24	18-#10	12-#10	6-#10	1450		1450
HTS28		28	18-#10	12-#10	6-#10	1450		1450
HTS30		30	18-#10	12-#10	6-#10	1450		1450
HTS30C		30	18-#10	12-#10	6-#10	1450	1450	

1. Not all fastener holes need to be filled as additional fastener holes are provided. Install fasteners symmetrically.
2. Install half of the fasteners on each end of strap to achieve full loads.
3. Tabulated loads are governed by tests and may not be increased. Refer to page 12 for additional information.
4. All straps except the MTS30 and HTS30 have the twist in the center of the strap.
5. Twist straps do not have to be wrapped over the truss to achieve the load.
6. May be installed on the inside face of the stud.
7. Loads are based on steel with 43 mil (18 ga) minimum.



MTS30 (HTS30 similar)

MTS30C (HTS30C similar)