

# STC/STCT/DTC Roof Truss Clips

For alignment control between a roof truss and nonbearing walls; the 1/2" slot permits vertical truss chord movement when loads are applied.

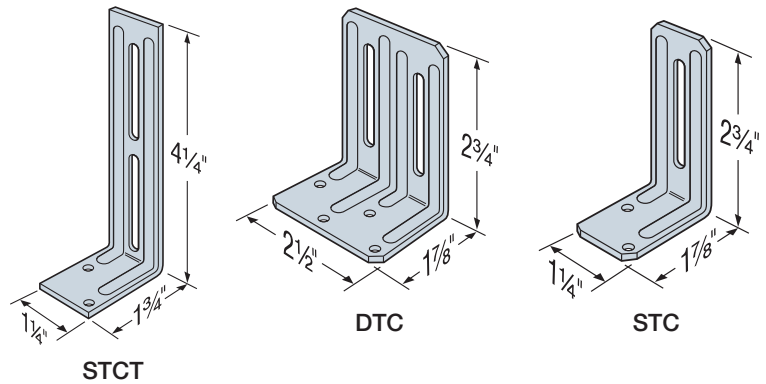
**Material:** 43 mil (18 ga.)

**Finish:** Galvanized (G90)

**Installation:**

- Use all specified fasteners; see General Notes
- Use STC or DTC depending on required loads
- STC / STCT / DTC may be used with proprietary material sections. Contact material supplier for specific installation details
- Use STCT where truss or rafter is separated from the top plate of the nonbearing wall
- Install slot screws in the middle of the slot

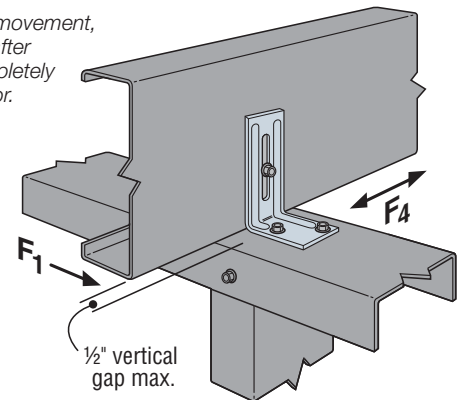
**Codes:** See p. 11 for Code Reference Key Chart



To allow for vertical truss movement, screws into the truss or rafter should not be driven completely flush against the connector.

Model No.	Fasteners <sup>3</sup>		Allowable Load 33 mil (20 ga.) (lb.)						Code Ref.
	Base	Slot	Without Gap		1/4" Max. Gap		1/4" < Gap ≤ 1/2"		
			F <sub>1</sub>	F <sub>4</sub>	F <sub>1</sub>	F <sub>4</sub>	F <sub>1</sub>	F <sub>4</sub>	
STC	(2) #8	(1) #8	185	35	135	35	75	35	IBC, FL, LA
STCT	(2) #8	(1) #8	—	—	—	—	—	—	—
DTC	(4) #8	(2) #8	200	160	200	160	145	160	IBC, FL, LA

1. Truss or rafter must be bearing on top plate to achieve the allowable loads under "Without Gap."
2. Clips are required on both sides of the truss to achieve F<sub>1</sub> loads in both directions (stagger parts to avoid screw interferences).
3. See *Fastening Systems* catalog (C-F-2019) on [strongtie.com](http://strongtie.com) for more information on Simpson Strong-Tie fasteners.



Typical STC Installation

## 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.

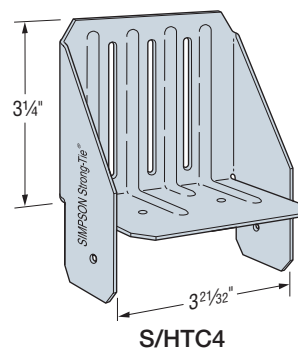
**Material:** 43 mil (18 ga.)

**Finish:** Galvanized (G90)

**Installation:**

- Use all specified fasteners
- Screws in vertical slots shall not be driven completely flush against the connector when vertical movement is desired

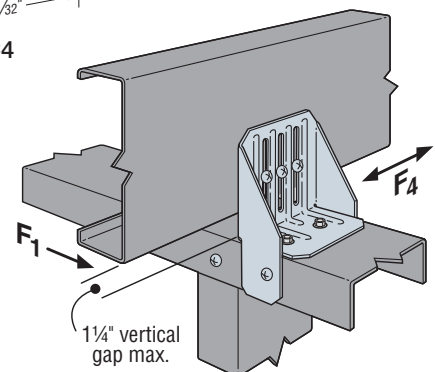
**Codes:** See p. 11 for Code Reference Key Chart



S/HTC4

Model No.	Fasteners <sup>3</sup>		Allowable Load 43 mil (18 ga.) (lb.)				Code Ref.
	Top Track	Truss	Without Gap <sup>1</sup>		With 1 1/4" Gap <sup>2</sup>		
			F <sub>1</sub>	F <sub>4</sub>	F <sub>1</sub>	F <sub>4</sub>	
S/HTC4	(4) #8	(3) #8	320	460	85	175	—

1. Truss or rafter must be bearing on top plate to achieve the allowable loads under "Without Gap."
2. 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".
3. See *Fastening Systems* catalog (C-F-2019) on [strongtie.com](http://strongtie.com) for more information on Simpson Strong-Tie fasteners.



Typical S/HTC4 Installation