LS and S/LS Skewable Angles

LS and S/LS skewable angles are a cost effective method for connecting roof rafters to hip rafters.

Material: 43 mil (18 ga.)

Finish: Galvanized (G90)

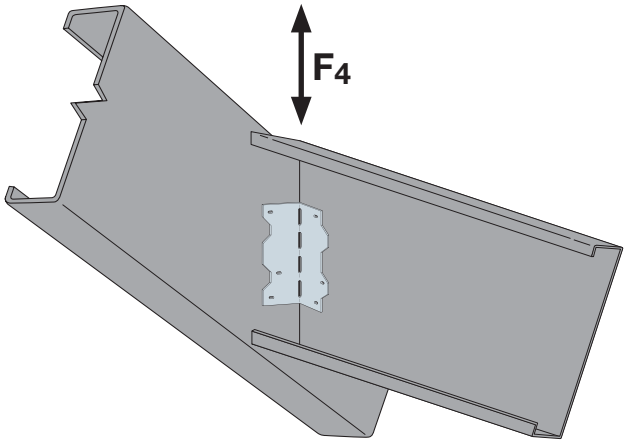
Installation:

- Use all specified fasteners
- Field-skewable; bend one time only

Codes: See p. 11 for Code Reference Key Chart

Model No.	Length (in.)	Fasteners[2]	Allowable Load (lb.)			Code Ref.
			33 mil (20 ga.)	43 mil (18 ga.)	54 mil (16 ga.)	
			F_4	F_4	F_4	
LS30	3⅞	(8) #10	200	370	500	170
S/LS50	4⅞	(4) #10	200	370	500	
S/LS70	6⅜	(6) #10	465	575	715	
LS90	7⅞	(12) #10	465	895	915	

1. Loads are for one part only.
2. See pp. 138 through 171 for more information on Simpson Strong-Tie fasteners.



Typical Installation Between Roof Rafter and Hip Rafter

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.

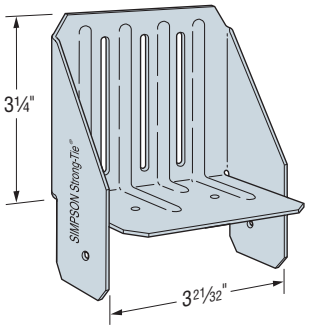
Material: 43 mil (18 ga.)

Finish: Galvanized

Installation:

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

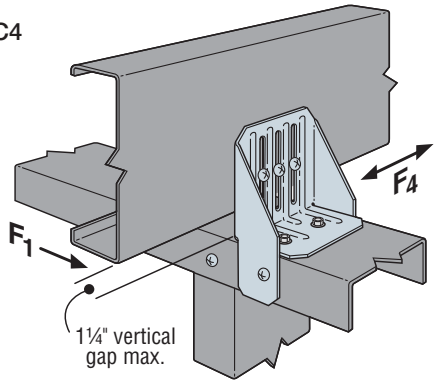
Codes: See p. 11 for Code Reference Key Chart



S/HTC4

Model No.	Fasteners[3]		Allowable Load 43 mil (18 ga.) (lb.)				Code Ref.
	Top Track	Truss	Without Gap[1]		With 1¼" Gap[2]		
			F_1	F_4	F_1	F_4	
S/HTC4	(4) #8	(3) #8	320	460	85	175	170

1. Truss or rafter must be bearing on top plate to achieve the allowable loads under "Without Gap."
2. Installed with maximum 1¼" space between rafter or truss and top plate under "With 1¼" Gap." Where loads are not required, space is not limited to 1¼".
3. See pp. 138 through 171 for more information on Simpson Strong-Tie fasteners.



Typical S/HTC4 Installation