STC/STCT/DTC

Roof Truss Clips

For alignment control between a roof truss and nonbearing walls; the 1½" slot permits vertical truss chord movement when loads are applied.

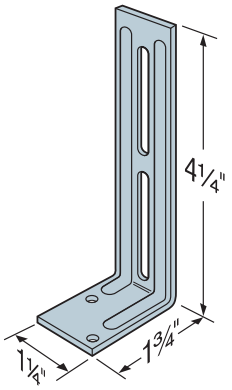
Material: 18 gauge

Finish: Galvanized

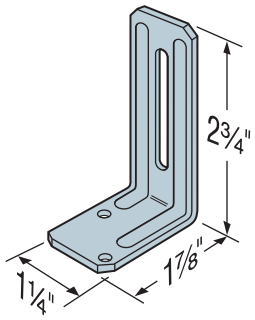
Installation:

- Use all specified fasteners; see General Notes.
- Use STC or DTC depending on required loads. STC, installed with DS drywall stop, helps prevent fasteners tearing through the ceiling drywall (see illustration).
- Use STCT where truss or rafter is separated from the top plate of the nonbearing wall.
- Install slot nails in the middle of the slot.
- Products not intended for floor applications due to the frequency of floor joist deflections and potential for squeaks.

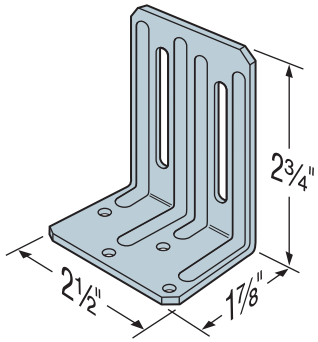
Codes: See p. 12 for Code Reference Key Chart



STCT



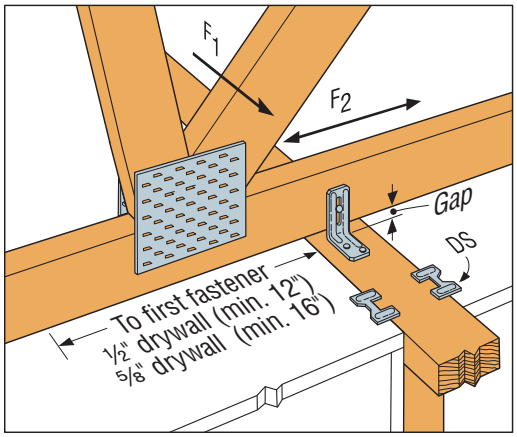
STC



DTC

Model No.	Fasteners (in.)		Allowable Loads (160)						Code Ref.
	Base	Slot	Without Gap		¼" Max. Gap		¼" < Gap ≤ ½"		
			F_1	F_2	F_1	F_2	F_1	F_2	
STC	(2) 0.131 x 2½	(1) 0.131 x 2½	85	55	35	35	30	40	—
STCT	(2) 0.131 x 2½	(1) 0.131 x 2½	—	—	—	—	—	—	
DTC	(4) 0.131 x 2½	(2) 0.131 x 2½	125	210	85	135	55	70	

1. Loads may not be increased for duration of load.
2. Truss or rafter must bear on top plate to achieve the allowable loads under "Without Gap."
3. Clips are required on both sides of the truss to achieve F_1 loads in both directions (stagger parts to avoid nail interferences).
4. **Fasteners:** Nail dimensions in the table are listed diameter by length. See pp. 21–22 for fastener information.



Typical STC Installation with DS

Nails should not be driven completely flush against the connector, to allow vertical truss movement.

Allow 1/16" gap between nail head and truss clip to help prevent squeaking.

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