



Connector Manufacturer <sup>(5)</sup>	Connector Type	Nail Type <sup>(2)</sup>	Allowable Uplift (160%) DF/SP Plate <sup>(4)</sup>	Allowable Uplift (160%) SPF/HF Plate <sup>(4)</sup>
USP Structural Connectors® 60 <sup>th</sup> Ed.	RT7A <sup>(1)</sup>	8d	580	510
	RT8A <sup>(1)</sup>	10d	750	660
Simpson Strong-Tie® 2019 Catalog	H2.5T <sup>(1)</sup>	8d	590	565
		8d x 1.5" <sup>(3)</sup>	420	420
	H2.5A <sup>(1)</sup>	8d	700	615
		8d x 1.5" <sup>(3)</sup>	625	540
H8	10d	780	710	
	8d x 1.5" <sup>(3)</sup>	630	510	

- (1) Only install into TJI® roof joists with a 3:12 or less slope. Do not nail hurricane tie into TJI® joist flange.
- (2) 8d = 0.131" dia. x 2-1/2" long; 10d = 0.148" dia. x 3" long.
- (3) If 1-1/2" long nails are used to attach clip to TJI® joist, additional nails are required to attach the web stiffener to the joist to achieve published uplift value. Contact Weyerhaeuser for requirements.
- (4) Allowable loads based on nail type and quantity published by connector manufacturer.
- (5) Weyerhaeuser does not recommend the use of proprietary angle clips or screw-type fasteners that connect the joist flange directly to bearing below to resist uplift.

**GENERAL NOTES**

- REFER TO TIE MANUFACTURER FOR INSTALLATION REQUIREMENTS OF HURRICANE TIE.
- REFER TO TJ-4000 DETAIL 'W' FOR GUIDANCE ON WEB STIFFENER INSTALLATION.
- SEE IRC SECTION R802.11 FOR ROOF UPLIFT REQUIREMENTS.

**Trus Joist Product Technical Support**  
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**TJI® ROOF JOIST UPLIFT CONNECTION**

EXPIRATION DATE: 01-01-2023

REV	DATE	COMMENTS

PROJECT #:

SERVICE #:

SHEET:

NW-D217