THJU *Truss Hip/Jack Hanger*

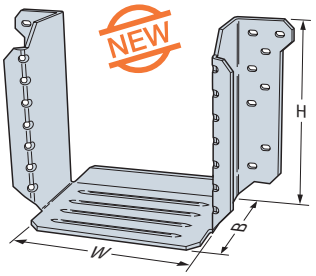
NEW! The THJU hip/jack hanger offers the most flexibility and ease of installation without sacrificing performance. The U-shaped hanger works for right and left hand hips and can be ordered to fit a range of hip skews *(up to 65 degrees)* as well as various single and 2-ply hip/jack combinations. Also can be installed before or after the hip and jack.

THJU26 is sized for the standard hip/jack combination with a 45-degree left or right-hand hip. The wide seat of THJU26-W accommodates a 2-ply hip and 2-ply jack combination with a 45 degree maximum hip skew, or a standard single-ply hip/jack configuration with a maximum 65-degree hip skew. Intermediate seat widths are available for other hip/jack or hip/hip combinations.

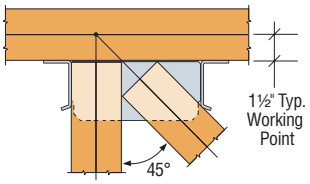
MATERIAL: 12 gauge **FINISH:** Galvanized

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

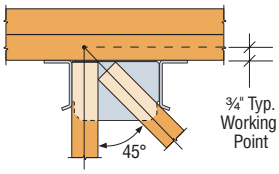
OPTIONS: Other seat widths available. See Hanger Options on pages 183 for more information.



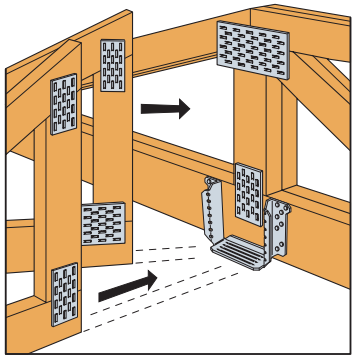
THJU26



THJU26-W Top View
2-Ply Hip/2-Ply Jack Installation



THJU26 Top View
Right Hand Hip
Installation



Typical THJU26 Installation

Model No.	Min. Heel Height	Dimensions (in.) W	H	B	Fasteners Header	Hip	Jack	Factored Resistance D.Fir-L Uplift (K_D=1.15)	D.Fir-L Normal (K_D=1.00)	S-P-F Uplift (K_D=1.15)	S-P-F Normal (K_D=1.00)
								lbs	lbs	lbs	lbs
								kN	kN	kN	kN
THJU26	3½"	5⅛	5⅜	3½	16-10d	4-10d	4-10d	1045	2675	745	1915
								4.65	11.90	3.31	8.52
	5½"				16-10d	7-10d	7-10d	1825	3280	1310	2350
								8.12	14.59	5.83	10.45
THJU26-W	3½"	7⅛	5⅜	3½	16-10d	4-10d	4-10d	990	2550	705	1825
								4.40	11.34	3.14	8.12
	5½"				16-10d	7-10d	7-10d	1730	2550	1240	1825
								7.70	11.34	5.52	8.12

1. Tabulated values are the total factored loads of the hip and jack members combined; 65%-85% of the total load shall be distributed to the hip member, and the remaining percentage of total load shall be distributed to the jack. The combined hip and jack load may not exceed the total factored resistances.
2. Factored uplift resistances have been increased 15% for wind or earthquake loading with no further increase permitted, reduce where other loads govern.
3. For single 2x jacks, 10dx1½" nails may be substituted for the specified 10d commons with no reduction in capacity.
4. For single ply 2x headers use 10dx1½" nails into the header and multiply the tabulated factored resistances by 0.77.
6. **NAILS:** 10d = 0.148" dia. x 3" long. See page 16-17 for other nail sizes and information.

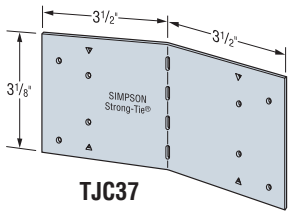
TJC37 *Jack Truss Connector*

TJC37 is a versatile connector for jack trusses. Adjustable from 0 to 67.5 degree *(shipped with 67.5 degree bend)*. Nail hole locations allow for easy installation. Minimum nailing option provides faster installation and lower installed cost.

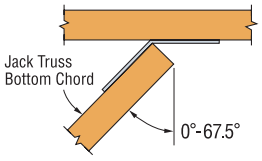
MATERIAL: 16 gauge **FINISH**: Galvanized

INSTALLATION: • Use all specified fasteners; see General Notes.

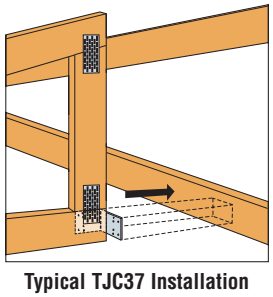
- Can be installed filling round holes only, or filling round and triangle holes for maximum values.
- To reduce the potential for splitting, install the TJC37 with a minimum 3/16" edge distance on the chord members *(must be centered on 2x4 chords)*.
- Position the jack truss on the inside of the bend line with the end of the jack truss flush with the bend line.
- Bend the TJC37 to the desired position *(one bend cycle only)*.
- No bevel cut required.
- Applications involving attachment of TJC37 to the top chord requires minimum 2x6 carrying member for jack truss pitches up to 7:12, and 2x8 or larger for pitches greater than 7:12.



TJC37



Top View Installation



Typical TJC37 Installation

Model No.	Fasteners Carrying Member	Carried Member	Factored Resistance (K_D=1.00) D.Fir-L 0°	D.Fir-L 1°-60°	D.Fir-L 61°-67.5°	S-P-F 0°	S-P-F 1°-60°	S-P-F 61°-67.5°
			lbs	lbs	lbs	lbs	lbs	lbs
			kN	kN	kN	kN	kN	kN
TJC37 (Min)	4-8dx1½	4-8dx1½	495	495	495	345	345	345
			2.20	2.20	2.20	1.54	1.54	1.54
TJC37 (Max)	6-8dx1½	6-8dx1½	950	795	650	665	555	455
			4.23	3.54	2.90	2.96	2.47	2.03

1. No load duration increase is permitted for short-term loading (K_D = 1.15).
2. Factored resistances are for uplift and downward directions.
3. **NAILS:** 8dx1½ = 0.131" dia. x 1½" long. See page 16-17 for other nail sizes and information.