

TJC37 Jack Truss Connector

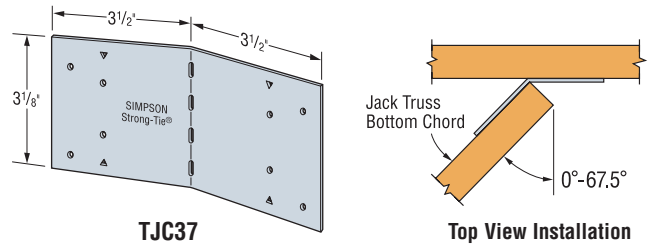
TJC37 is a versatile connector for jack trusses. Adjustable from 0 to 67.5 degree (*shipped with 67.5 degree bend*). Nail hole locations allow for easy installation. Minimum nailing option provides faster installation and lower installed cost.

MATERIAL: 16 gauge **FINISH:** Galvanized

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

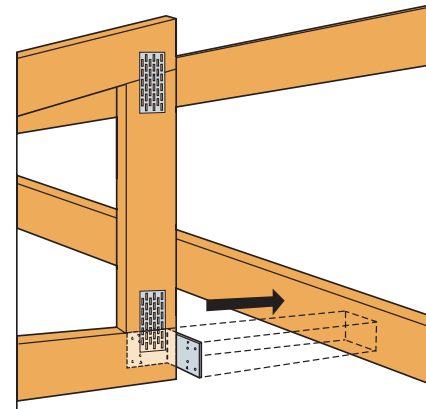
- Can be installed filling round holes only, or filling round and triangle holes for maximum values.
- To reduce the potential for splitting, install the TJC37 with a minimum 3/16" edge distance on the chord members (*must be centered on 2x4 chords*).
- Position the jack truss on the inside of the bend 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 carried truss 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. 2x4 carried truss top chord allows for pitches from 0:12 to 3:12.

CODES: See page 12 for Code Reference Key Chart.



TJC37

Top View Installation



Typical TJC37 Installation

Model No.	Fasteners		Allowable Loads						Code Ref.
	Carrying Member	Carried Member	DF/SP			SPF/HF			
			0°	1°-60°	61°-67.5°	0°	1°-60°	61°-67.5°	
TJC37 (Min)	4-8dx1½	4-8dx1½	340	300	320	290	260	275	IP1, F25
TJC37 (Max)	6-8dx1½	6-8dx1½	580	485	425	500	415	365	

1. No load duration increase allowed.
2. Allowable loads are for upward or downward direction.
3. **NAILS:** 8dx1½ = 0.131" dia. x 1½" long.
See page 16-17 for other nail sizes and information.

LTHMA Multiple Truss Hangers

Light capacity hanger designed to carry 2 or 3 trusses in a terminal hip installation. See also the MTHM/MTHM-2 hangers.

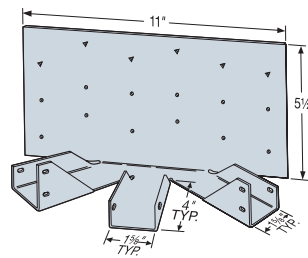
MATERIAL: 16 gauge

FINISH: Galvanized

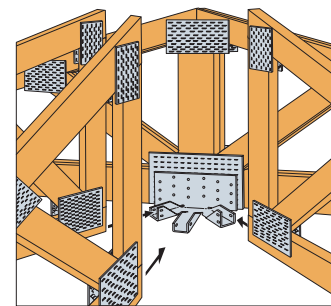
INSTALLATION: • Use all specified fasteners. See General Notes.

- The total load must be symmetrically distributed about the centerline to avoid eccentric loading of the connector.
- Fill round holes for girder trusses with 2x4 bottom chords.
- Fill round and triangle holes for girder trusses with 2x6 bottom chords.

CODES: See page 12 for Code Reference Key Chart.



LTHMA



Typical LTHMA Installation

Model No.	Header	Fasteners			DF/SP Allowable Loads												Code Ref.
		Header	Hips (Total)	Jack	Uplift (160)			Floor (100)			Snow (115)			Roof (125/160)			
					Hip	Jack	Total	Hip	Jack	Total	Hip	Jack	Total	Hip	Jack	Total	
LTHMA	1 ply 2x4	12-10dx1½	6-10dx1½	2-10dx1½	55	20	130	485	110	1080	540	125	1205	540	125	1205	IL15
	2 ply 2x4	12-10d	6-10dx1½	2-10dx1½	55	20	130	600	130	1330	675	150	1500	675	150	1500	
	1 ply 2x6	18-10dx1½	6-10dx1½	2-10dx1½	55	20	130	635	140	1410	635	140	1410	635	140	1410	
	2 ply 2x6	18-10d	6-10dx1½	2-10dx1½	85	25	195	900	200	2000	1035	230	2300	1050	240	2340	

Model No.	Header	Fasteners			SPF/HF Allowable Loads												Code Ref.
		Header	Hips (Total)	Jack	Uplift (160)			Floor (100)			Snow (115)			Roof (125/160)			
					Hip	Jack	Total	Hip	Jack	Total	Hip	Jack	Total	Hip	Jack	Total	
LTHMA	1 ply 2x4	12-10dx1½	6-10dx1½	2-10dx1½	50	10	110	440	55	935	485	65	1035	485	65	1035	IL15
	2 ply 2x4	12-10d	6-10dx1½	2-10dx1½	50	10	110	540	70	1150	570	75	1215	570	75	1215	
	1 ply 2x6	18-10dx1½	6-10dx1½	2-10dx1½	50	10	110	570	75	1215	570	75	1215	570	75	1215	
	2 ply 2x6	18-10d	6-10dx1½	2-10dx1½	85	15	185	815	100	1730	930	125	1985	940	120	2000	

1. Allowable loads have been increased 60% for wind or earthquake loading with no further increase allowed; reduce where other loads govern.
2. Hip loads are for each hip.
3. Load distribution is 45% for each hip and 10% for jack. Other hip/jack load distributions are allowed if the sum of all three carried members does not exceed the total load and the hip members are equally loaded.
4. Truss chord cross-grain tension may limit allowable loads. Refer to technical bulletins T-ANSITPISPF, T-ANSITPISP and T-ANSITPIDF for allowable loads that consider ANSI/TPI 1-2007 wood member design criteria (*see page 191 for details*).
5. **NAILS:** 10d = 0.148" dia. x 3" long, 10dx1½ = 0.148" dia. x 1½" long.
See page 16-17 for other nail sizes and information.