

Skewed Truss Hangers

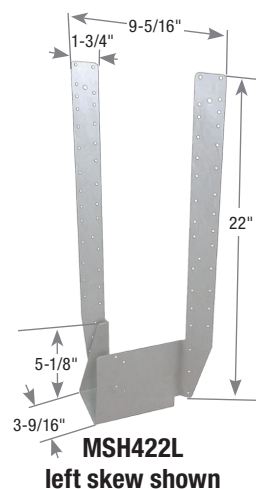
MSH422L/R

The MSH422L/R is now available in the MSHL/R Skewed Truss Hanger series. This strap hanger has been sized to fit floor trusses with a 4x2 bottom chord and can also be used to support a 2-Ply 1-3/4" LVL. With multiple installation options, this versatile hanger for 45-degree skewed connections can be installed on a supporting girder truss as well as solid-sawn and structural composite lumber headers.

Materials: 16 gauge
Finish: G90 galvanizing
Codes: FL6223

Installation:

- Install the required number of fasteners according to the load table.
- Install fasteners into the carrying members at the locations described below based on the proper "Mounting Condition".
- Hanger is factory skewed at 45° left or right.



CONNECTION TO CARRYING MEMBER

Mounting Condition

Face-Max

The bottom six (6) fastener holes (three on each side of the bucket) must be filled. Install eight additional fasteners (four (4) in each strap) where applicable. Min. 2x6 bottom chord required.



Typical MSH422R
face-max installation

Top-Max

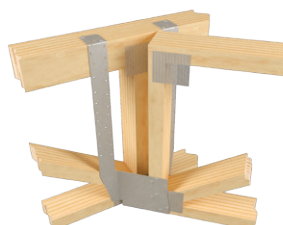
The straps must be field-bent over the header a minimum of 2" to allow four (4) top flange nail holes to be filled (two in each strap). The bottom six (6) fastener holes (three on each side of the bucket) must be filled. Min. 2x6 bottom chord required.



Typical MSH422R
top-max installation

Top-Min

The straps must be field bent over the header a minimum of 2" to allow four (4) top flange nail holes to be filled (two in each strap). Also install the two (2) uppermost face nails (one on each strap) near the top of the header.



Typical MSH422R
top-min installation

Combination Face-Max/Top-Max

Follow the Face-Max installation for one side of the connector. Follow the Top-Max installation for the opposite side of the connector. The Face-Max allowable loads apply to this type of installation. Min. 2x6 bottom chord required.



Typical MSH422R
combination installation

CONNECTION TO CARRIED MEMBER

All Mounting Conditions

Install six (6) 10d nails into the carried member. (For Floor Trusses, install four (4) nails into end vertical and two (2) nails into bottom chord.)

Joist Material & Width	USP Stock No.	Ref. No.	GA	Mounting Condition	Fastener Schedule ²					DF/SP Allowable Loads (Lbs.)				S-P-F Allowable Loads (Lbs.)				Ctn Qty
					Header			Joist										
					Top Qty	Face Qty	Type	Qty	Type	Floor	Roof		Uplift ¹ 160%	Floor	Roof		Uplift ¹ 160%	
										100%	115%	125%		100%	115%	125%		
3-1/2" LVL or Floor Trusses	MSH422L/R	THAL/R422	16	face-max	--	14	10d	6	10d	1750	1835	1835	615	1520	1520	1520	490	12
				top-max	4	6	10d	6	10d	1820	1820	1820	615	1505	1505	1505	490	
				top-min	4	2	10d	6	10d	1415	1415	1415	--	1125	1125	1125	--	
				combination	2	10	10d	6	10d	1750	1835	1835	615	1520	1520	1520	490	

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) **NAILS:** 10d nails are 0.148" dia. x 3" long.