

HTU Face Mount Truss Hangers

The HTU face mount truss hangers have nail patterns designed specifically for shallow heel heights, so that full factored resistances (with minimum nailing) apply to heel heights as low as 3 7/8". Minimum and maximum nailing options provide solutions for varying heel heights and end conditions.

MATERIAL: 16 gauge

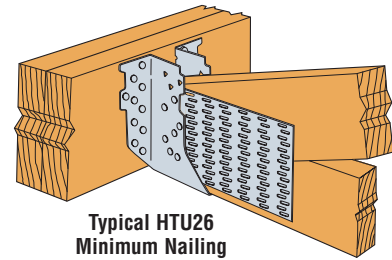
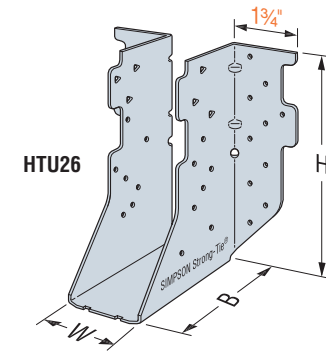
FINISH: Galvanized

INSTALLATION:

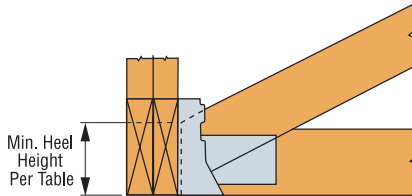
- Use all specified fasteners. See General Notes.
- Can be installed filling round holes only, or filling round and triangle holes for maximum values.
- See alternate installation for applications using the HTU26 on a 2x4 carrying member or HTU28 or HTU210 on a 2x6 carrying member for additional uplift capacity.

OPTIONS:

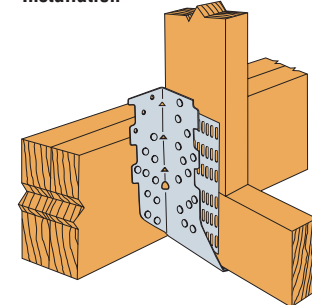
- See Hanger Options on pages 183 for skew options.



Typical HTU26 Minimum Nailing Installation



HTU Installation for Standard Allowable Loads



Alternate Installation – HTU28 installed on 2x6 carrying member (HTU210 similar)

Standard Installation

Model No.	Min. Heel Height (in)	Dimensions (in)			Fasteners		Factored Resistance			
		W	H	B	Header	Joist	D. Fir-L		S-P-F	
							Uplift	Normal	Uplift	Normal
							(K _D =1.15)	(K _D =1.00)	(K _D =1.15)	(K _D =1.00)
lbs	lbs	lbs	lbs							
kN	kN	kN	kN							
SINGLE 2x SIZES										
HTU26	3 1/2	1 5/8	5 7/16	3 1/2	20-16d	11-10dx1 1/2	1370	4990	970	3530
HTU26 (Min)	3 7/8	1 5/8	5 7/16	3 1/2	20-16d	14-10dx1 1/2	6.09	22.20	4.31	15.70
HTU26 (Max)	5 1/2	1 5/8	5 7/16	3 1/2	20-16d	20-10dx1 1/2	2350	5240	1660	3705
HTU28 (Min)	3 7/8	1 5/8	7 1/16	3 1/2	26-16d	14-10dx1 1/2	10.45	23.31	7.38	16.48
HTU28 (Max)	7 1/4	1 5/8	7 1/16	3 1/2	26-16d	26-10dx1 1/2	2925	6565	2070	4640
HTU210 (Min)	3 7/8	1 5/8	9 1/16	3 1/2	32-16d	14-10dx1 1/2	13.01	29.20	9.21	20.64
HTU210 (Max)	9 1/4	1 5/8	9 1/16	3 1/2	32-16d	32-10dx1 1/2	2325	6380	1645	4510
							10.34	28.38	7.32	20.06
							4035	8900	2850	6290
							17.95	39.59	12.68	27.98
							2510	7135	1775	5045
							11.17	31.74	7.90	22.44
							6245	9820	4415	6940
							27.78	43.68	19.64	30.87
DOUBLE 2x SIZES										
HTU26-2 (Min)	3 7/8	3 5/16	5 7/16	3 1/2	20-16d	14-10d	2430	6275	1715	4435
HTU26-2 (Max)	5 1/2	3 5/16	5 7/16	3 1/2	20-16d	20-10d	10.81	27.91	7.63	19.73
HTU28-2 (Min)	3 7/8	3 5/16	7 1/16	3 1/2	26-16d	14-10d	3495	7195	2470	5085
HTU28-2 (Max)	7 1/4	3 5/16	7 1/16	3 1/2	26-16d	26-10d	15.55	32.01	10.99	22.62
HTU210-2 (Min)	3 7/8	3 5/16	9 1/16	3 1/2	32-16d	14-10d	2460	6920	1740	4890
HTU210-2 (Max)	9 1/4	3 5/16	9 1/16	3 1/2	32-16d	32-10d	10.94	30.78	7.74	21.75
							5590	9790	3950	6920
							24.87	43.55	17.57	30.78
							2470	7570	1745	5465
							10.99	33.67	7.76	24.31
							7585	11825	5360	8450
							33.74	52.60	23.84	37.59

1. Minimum heel heights required for tabulated values are based on a minimum 2:12 roof pitch.
2. Factored uplift resistances has been increased 15% for wind or earthquake; reduce where other loads govern.
3. **NAILS:**
16d = 0.162" dia. x 3 1/2" long,
10d = 0.148" dia. x 3" long,
10dx1 1/2 = 0.148" dia. x 1 1/2" long. See page 16-17 for other nail sizes and information.

HTU Face Mount Truss Hangers

Alternate Installation for 2-2x4 and 2-2x6 Headers

Model No.	Min. Heel Height (in)	Minimum Header Size	Fasteners		Factored Resistance			
			Header	Joist	D.Fir-L		S-P-F	
					Uplift	Normal	Uplift	Normal
					(K _D =1.15)	(K _D =1.00)	(K _D =1.15)	(K _D =1.00)
lbs	lbs	lbs	lbs					
kN	kN	kN	kN					
HTU26 (Min)	3¾	2-2x4	10-16d	14-10dx1½	1714	3340	1230	2360
					7.62	14.86	5.47	10.50
HTU26 (Max)	5½	2-2x4	10-16d	20-10dx1½	2470	4015	1745	2840
					10.99	17.86	7.76	12.63
HTU28 (Max)	3¾	2-2x6	20-16d	26-10dx1½	4150	6395	2935	4520
					18.46	28.45	13.06	20.11
HTU210 (Max)	7¼	2-2x6	20-16d	32-10dx1½	4150	6395	2935	4520
					18.46	28.45	13.06	20.11

See table footnotes on page 124.

THASR/L Adjustable/Skewable Truss Hangers

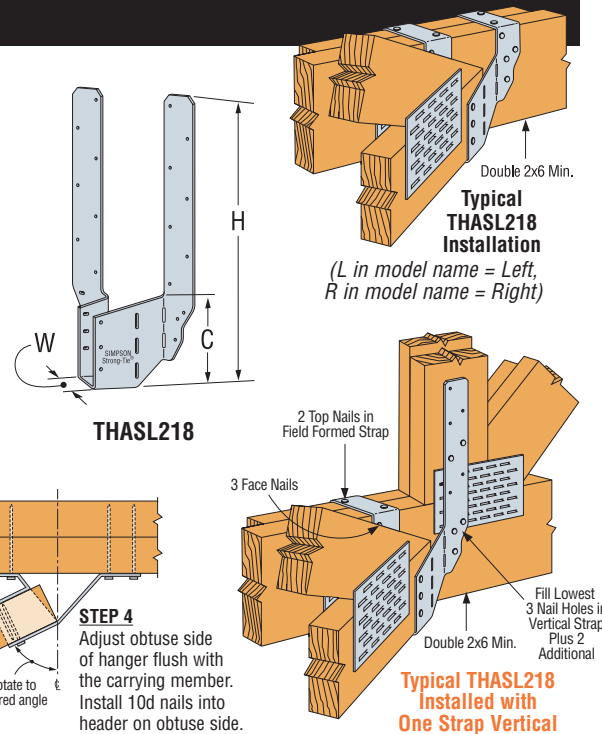
The THASR/L hangers combine the height adjustability of THA hangers with field skewability, offering maximum flexibility for the installer, and eliminating the need for special orders. Shipped at 45-degrees right or left, the THASR/L hangers can be field skewed down to 22½ degrees or up to 84 degrees.

NEW! The THASR/L series has been expanded to include a new size for 4x2 trusses and new loads for the skew ranges between 22½ degrees and 45 degrees.

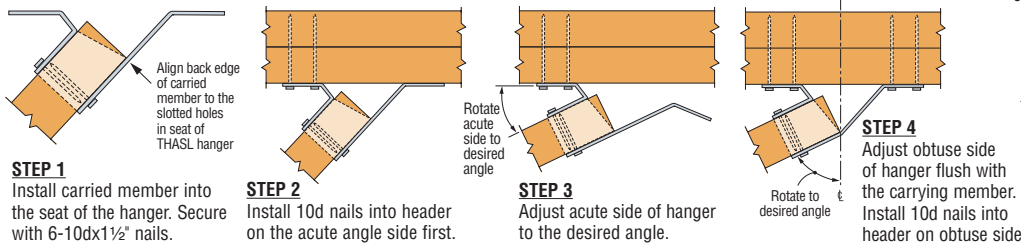
MATERIAL: 16 gauge **FINISH:** Galvanized

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

- Product is factory skewed to 45 degrees and may be field skewed from 22½ degrees to 84 degrees.
- For full capacity, both straps must be field formed over the header.
- For installations where either strap cannot be field-formed over the header, install the strap(s) vertical and install, at a minimum, the required top and face nails into the lowest face nail holes in the strap(s). Capacities must be reduced as noted in the table footnotes.



INSTALLATION SEQUENCE:



Minimum Carried Member	Model No.	Dimensions (in)			Min. Header	Fasteners			Factored Resistance			
		W	H	C		Header		Joist	D.Fir-L		S-P-F	
						Top	Face		Uplift	Normal	Uplift	Normal
									(K _D =1.15)	(K _D =1.00)	(K _D =1.15)	(K _D =1.00)
lbs	lbs	lbs	lbs									
kN	kN	kN	kN									
2x Truss	THASR/L218	1¾	18	5½	2x6	4-10d	6-10d	6-10dx1½	710	2375	510	1700
									3.16	10.56	2.27	7.56
2-2x Truss	THASR/L218-2	3¾	18	5½	2x6	4-10d	6-10d	6-10dx1½	685	2370	490	1695
									3.05	10.54	2.18	7.54
					2x8	4-10d	8-10d	6-10dx1½	685	2575	490	1845
									3.05	11.45	2.18	8.21
4x Truss	THASR/L418	3¾	18	5½	2x6	4-10d	6-10d	6-10dx1½	685	2370	490	1695
									3.05	10.54	2.18	7.54
					2x8	4-10d	8-10d	6-10dx1½	685	2575	490	1845
									3.05	11.45	2.18	8.21

1. Minimum heel height shall be 4½".
2. Factored resistance for installations with one or both straps installed vertically is 84% of the tabulated value for THASR/L218 and 90% for THASR/L218-2 and THASR/L418. Uplift values are 100% of the tabulated values. The lowest three nail holes must be filled in each vertical strap of the THASR/L218, and the lowest four nail holes in each vertical strap of the THASR/L218-2 and THASR/L418.
3. Factored uplift resistances has been increased 15% for wind or earthquake loading with no further increase allowed; reduce where other loads govern.
4. **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.

