

The THFI is a face mount hanger designed to attach EWP I-joist members to wood headers. The unique design of the THFI combines the installation ease of a top mount hanger with the installation flexibility of a face mount hanger. Because the side flanges extend to the top chord of the I-joist, web stiffeners are not required. The THFI hangers also feature strategically placed Seat Cleats® which lock the bottom flange of the I-joist to the hanger eliminating the need for joist nails to be installed.

The innovative top flange alignment tabs with the holding cleats assist the placing and alignment of the hanger prior to nailing by hanging onto the header with holding cleats biting into the wood. If the alignment tabs are not desired or a deeper height member is to be carried, the tabs can be easily bent out of the way. Alignment tabs do not contribute to the allowable design values of the THFI hangers.

Materials: 18 Gauge

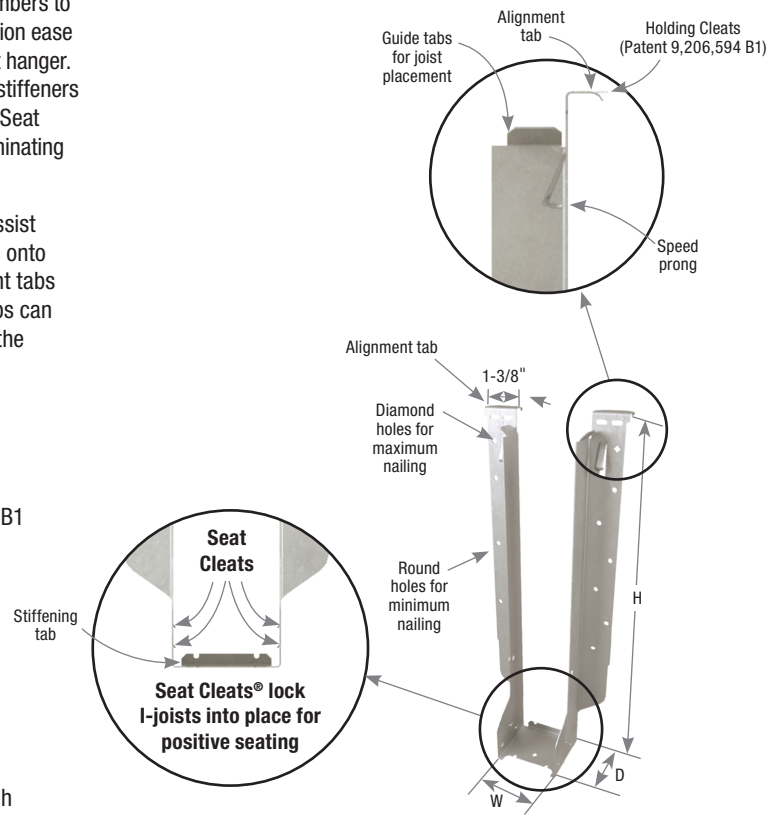
Finish: G90 galvanizing

Codes: IBC, FL, LA

Patents: U.S. Patent No. 5,564,248 & U.S. Patent No. 9,206,594 B1

Installation:

- Use all specified fasteners.
- Alignment tabs are not structural and can be bent back or removed to assist hanger placement.
- Web stiffeners are not required for THFI hangers unless specified by the I-joist manufacturer. Web stiffeners are not required for lateral stability.
- For additional uplift capacity, install (2) 10d x 1-1/2" nails through diamond holes in the header flange and into the joist member. (web stiffeners required)
- THFI2514 model has diamond holes in the header flange for Min/Max nailing option. For the Max nailing option, install nails in both the round and diamond shaped header holes.



THFI2514



Typical THFI installation

IHFL (18GA) and IHF (16GA) series face mount hangers feature speed prongs for temporary placement and seat cleats to grab the bottom flange of the supported I-joist. Diamond holes in header and joist allow for optional Max nailing for customized fastening to match allowable load needed. Install nails in all fastener holes when the Max allowable load is needed while lighter load capacities can be achieved with a quick installation of round holes only, saving you time and money on the jobsite.

Features:

- Seat Cleats lock bottom chord of I-joist eliminating need for joist nails.
- Dimples with diamond nail holes for optional joist nailing when higher uplift loads are needed.
- Min/Max nailing provide flexible installation options.

Materials: IHFL – 18 gauge; IHF – 16 gauge

Finish: G90 galvanizing

Options: See Specialty Options chart

Codes: IBC, FL, LA

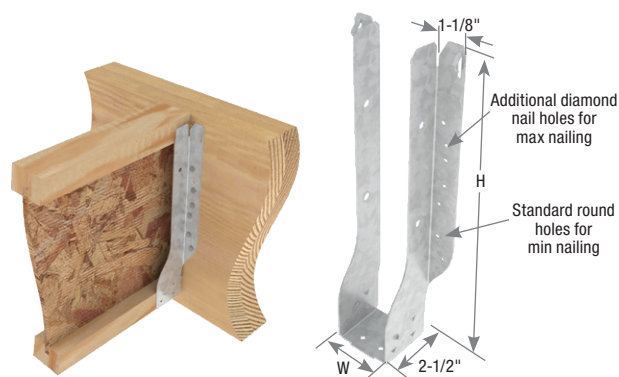
Patents: U.S. Patent No. #5,564,248

Installation:

- Use all specified fasteners.
- Position I-joist into hangers and tap or push into place to fully seat joist and engage cleats.
- Web stiffeners are not required unless specified by the I-joist manufacturer.
- **Min Nailing** – Fill all round nail holes.
- **Max Nailing** – Fill all round and diamond holes.

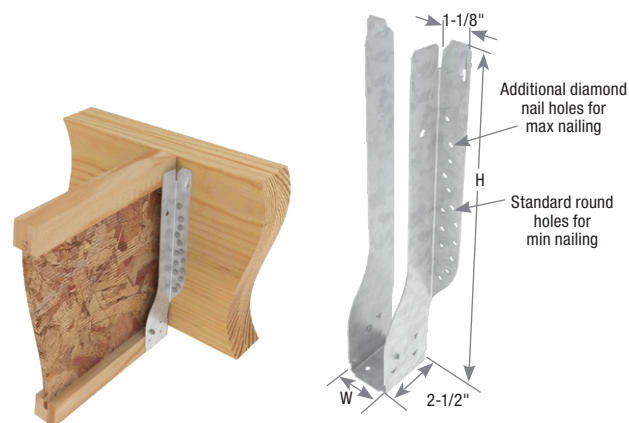
Uplift Capacity Options:

- **IHFL (18GA)** – For additional uplift capacity, install (2) 10d (0.148") x 1-1/2" nails through diamond dimple holes into the bottom chord of I-joist member for a total uplift of 220 lbs.
- **IHF (16GA)** – Uplift capacity for hangers installed without joist nails is 65 lbs.



Typical IHFL2514 min nailing installation

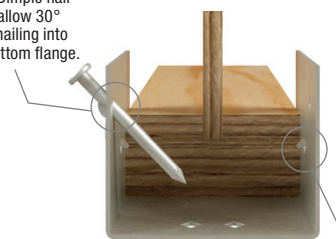
IHFL2514



Typical IHF1714 max nailing installation

IHF1714

Raised Dimple nail holes allow 30° to 45° nailing into I-Joist bottom flange.



Seat Cleat® helps lock I-Joist into place for positive seating and nailing ease.

Specialty Options Chart – refer to Specialty Options pages 320-321 for additional details.

Option	Skewed ^{1,3,4,5}	Sloped Seat ^{2,3,4}	Sloped / Skewed ^{1,2,3,4}	Inverted Flange ⁴
Range	1° to 67-1/2° when width is 1-3/4" or less. 1° to 50° on all others.	1° to 45°	See Sloped Seat and Skewed	Not available in widths less than 2-1/4"
Allowable Loads	100% of table load. 75% of uplift load on skews greater than 15°.	100% of table load	80% of table load. 75% of uplift load on skews greater than 15°.	100% of table load. 65% of table load when nailing into the support members end grain.
Ordering	Add <i>SK</i> , angle required, right (<i>R</i>) or left (<i>L</i>), and square cut (<i>SQ</i>) or bevel cut (<i>BV</i>) to product number. Example: IHF23925_SK45R_BV	Add <i>SL</i> , slope required, and up (<i>U</i>) or down (<i>D</i>), to product number. Example: IHF23925_SL30D	See Sloped Seat and Skewed Example: IHF23925_SK45R_BV_SL30D	Add <i>IF</i> , to product number. Example: IHF23925_IF

- 1) Skewed hangers with skews greater than 15° may have all joist nailing on outside flange.
- 2) Sloped or sloped / skewed hangers with slopes greater than 15° may have additional joist nails.
- 3) For skewed hangers, the required cut type (square or bevel) of joist member may vary based on skew angle and width of hanger. Some square cut hangers will require custom pricing due to welded back plate.
- 4) Modifications to IHFL or IHF hangers do not feature seat cleats or optional nailing.
- 5) Skewed hangers may require web stiffeners to be installed in order to facilitate joist nail installation.

Designed to provide lateral support for the top chords of I-Joists in depths up to 16".

Materials: See EWP Face Mount Hangers charts, page 217

Finish: G90 galvanizing

Options: See Specialty Options chart

Codes: IBC, FL, LA

Installation:

- Use all specified fasteners. See Product Notes, page 18.
- Install web stiffeners per manufacturer's requirements.



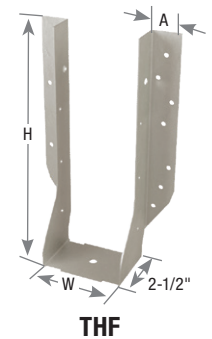
Typical THF double I-Joist to LVL installation



Typical THF I-Joist to joist installation

Specialty Options Chart – refer to Specialty Options pages 320-321 for additional details.

Option	Skewed ^{1,3}	Sloped Seat ^{2,3}	Sloped / Skewed ^{1,2,3}	Inverted Flange
Range	1° to 50°	1° to 45°	See Sloped Seat and Skewed	Not available in widths less than 2-1/4"
Allowable Loads	100% of table load. 75% of uplift load on skews greater than 15°.	100% of table load	80% of table load. 75% of uplift load on skews greater than 15°.	100% of table load. 65% of table load when nailing into the support members end grain.
Ordering	Add <i>SK</i> , angle required, right (<i>R</i>) or left (<i>L</i>), and square cut (<i>SQ</i>) or bevel cut (<i>BV</i>) to product number. Example: THF23118-2_SK45R_BV	Add <i>SL</i> , slope required, and up (<i>U</i>) or down (<i>D</i>), to product number. Example: THF23118-2_SL30D	See Sloped Seat and Skewed Example: THF23118-2_SK45R_BV_SL30D	Add <i>IF</i> , to product number. Example: THF23118-2_IF



THF

- 1) Skewed hangers with skews greater than 15° may have all joist nailing on outside flange.
- 2) Sloped or sloped / skewed hangers with slopes greater than 15° may have additional joist nails.
- 3) For skewed hangers, the required cut type (square or bevel) of joist member may vary based on skew angle and width of hanger. Some square cut hangers will require custom pricing due to welded back plate.

Designed to support LVL, LSL, and PSL beams and headers in medium load conditions.

Materials: See EWP Face Mount Hangers charts, pages 218-220

Finish: G90 galvanizing

Options: See Specialty Options chart

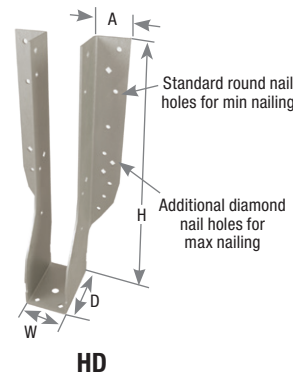
Codes: See chart for code references

Installation:

- Use all specified fasteners. See Product Notes, page 18.
- **Min Nailing** – Fill all round nail holes.
- **Max Nailing** – Fill all round and diamond nail holes.



Typical HD installation



Specialty Options Chart – refer to Specialty Options pages 320-321 for additional details.

Option	Skewed ^{1,3}	Sloped Seat ^{2,3}	Sloped / Skewed ^{1,2,3}	Inverted Flange
Range	1° to 67-1/2° when width is 1-3/4" or less. 1° to 50° on all others.	1° to 45°	See Sloped Seat and Skewed	2-1/4" widths or greater (Widths < 2-1/4" may be available as a Custom, contact MiTek)
Allowable Loads	100% of table load. 75% of uplift load on skews greater than 15°.	100% of table load	80% of table load. 75% of uplift load on skews greater than 15°.	100% of table load. 65% of table load when nailing into the support members end grain.
Ordering	Add <i>SK</i> , angle required, right (<i>R</i>) or left (<i>L</i>), and square cut (<i>SQ</i>) or bevel cut (<i>BV</i>) to product number. Example: HD410_SK45R_SQ	Add <i>SL</i> , slope required, and up (<i>U</i>) or down (<i>D</i>), to product number. Example: HD410_SL30D	See Sloped Seat and Skewed Example: HD410_SK45R_SQ_SL30D	Add <i>IF</i> , to product number. Example: HD410_IF

- 1) Skewed hangers with skews greater than 15° may have all joist nailing on outside flange.
- 2) Sloped or sloped / skewed hangers with slopes greater than 15° may have additional joist nails.
- 3) For skewed hangers, the required cut type (square or bevel) of joist member may vary based on skew angle and width of hanger. Some square cut hangers will require custom pricing due to welded back plate.
- 4) HD option hangers may be manufactured as welded products to achieve listed loads. Welded products have a primer finish.

HDQIF Inverted Flange Face Mount Hangers

Inverted flange face mount hangers fasten to LVL, LSL and PSL beams and headers with WS Wood Screws.

Materials: See EWP Face Mount Hangers charts, pages 218-220

Finish: G90 galvanizing

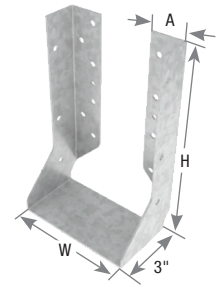
Codes: IBC, FL, LA

Installation:

- Use all specified fasteners. See Product Notes, page 18.
- MiTek's WS15 (1/4" dia. x 1-1/2" long) and WS3 (1/4" dia. x 3" long) structural wood screws are supplied with HDQIF hangers.



**Typical HDQIF
inverted flange installation**



HDQIF

HUS Face Mount Hangers

Designed for medium load conditions. Extended 3" deep seat provides enhanced truss bearing.

Materials: 16 gauge

Finish: G90 galvanizing

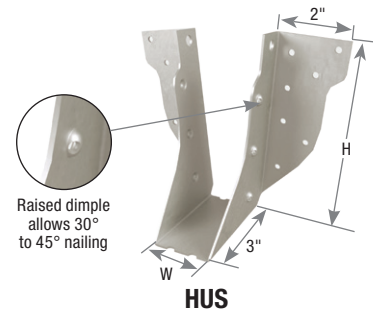
Codes: IBC, FL, LA

Installation:

- Use all specified fasteners. See Product Notes, page 18.
- Joist nails must be driven at a 30° to 45° angle through the joist into the header to achieve listed loads. Slant/double shear nails must be used to achieve listed load values.

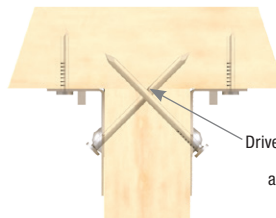


**Typical HUS
installation**



Raised dimple allows 30° to 45° nailing

HUS



Drive joist nails into header at 30° to 45° to achieve listed loads.

**Typical HUS double
shear installation**

THD – Medium capacity hanger for LVL, LSL, and PSL beams

THDH – Heavy capacity hanger for LVL, LSL, and PSL beams

Materials: See EWP Face Mount Hangers charts, pages 218-220

Finish: G90 galvanizing

Options: Rough/ Full sizes available for THD series. THD hangers with widths greater than 3" can have one flange inverted with no load reduction. Specify left (L) or (R) flange. See Specialty Options chart.

Codes: IBC, FL, LA

Installation:

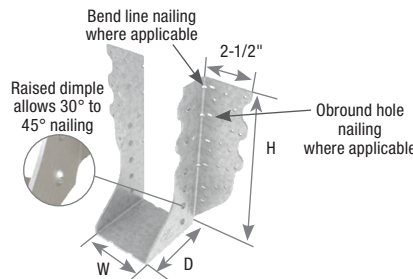
- Use all specified fasteners. See Product Notes, page 18.
- **THD** – Drive bend line nails into header at 45° to achieve listed loads.
- **THDH** – Drive joist nails into header at 30° to 45° to achieve listed loads.



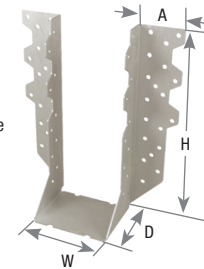
Typical THDH installation



Typical THD installation

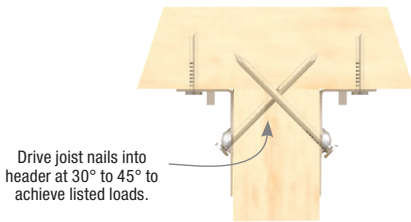


THDH

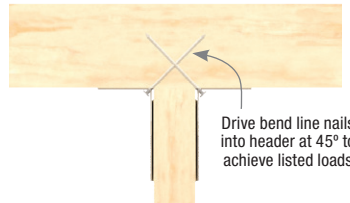


THD410

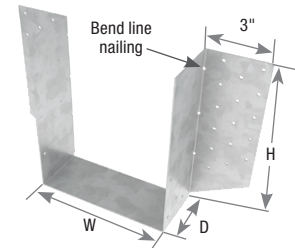
Some model designs may vary from illustration shown



Typical THDH double shear installation



Typical bend line nailing installation



THD7210

Specialty Options Chart

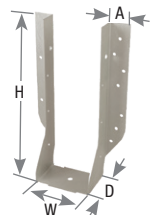
– refer to Specialty Options pages 320-321 for additional details.

Option	MiTek USP Series	Skewed ^{1,3,4}	Sloped Seat ²	Sloped / Skewed ^{1,2,3,4}	Inverted Flange
Range	THD	1° to 45°	1° to 45°	See Sloped Seat and Skewed	Not available in widths < 3". Widths ≥ 3" can have one flange inverted.
	THDH				N/A
Allowable Loads	THD	85% of table load	65% of table load	65% of table load	100% of table load. 65% of table load when nailing into the support members end grain.
	THDH	85% of table load. 50% of table uplift load.	52% of table load	52% of table load. 50% of table uplift load.	N/A
Ordering	THD	Add <i>SK</i> , angle required, right (<i>R</i>) or left (<i>L</i>), and square cut (<i>SQ</i>) or bevel cut (<i>BV</i>) to product number. Ex. THDH410_SK45R_BV	Add <i>SL</i> , slope required, and up (<i>U</i>) or down (<i>D</i>), to product number. Ex: THDH410_SL30D	See Sloped Seat and Skewed Ex. THDH410_SK45R_BV_SL30D	Add <i>IF</i> , one flange, right (<i>R</i>) and left (<i>L</i>), Ex. THD410_IFR
	THDH				N/A

1) Skewed hangers with skews greater than 15° may have all joist nailing on outside flange. All skewed THDH hangers have joist nails on one side only.
 2) Sloped or sloped / skewed hangers with slopes greater than 15° may have additional joist nails.
 3) THDH models - Skewed hangers typically require a bevel cut. A square cut option may be available as a custom.
 4) THD models - For skewed hangers, the required cut type (square or bevel) of joist member may vary based on skew angle and width of hanger. Some square cut hangers will require custom pricing due to welded back plate.

Joist Size (in)	MiTek USP Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)				Fastener Schedule ³				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				Code Ref.	
					W	H	D	A	Min/Max	Header		Joist ²		100%	115%	125%	Uplift ^{1,2} 160%	100%	115%	125%		Uplift ^{1,2} 160%
										Qty	Type	Qty	Type									
1-1/2 x 9-1/4 - 9-1/2	IHFL15925	IUS1.56/9.5	--	18	1-1/2	9-1/16	2-1/2	1-1/8	--	8	10d	--	--	960	1095	1180	50	830	945	1020	40	IBC, FL, LA
	IHF15925	MIU1.56/9	--	16	1-1/2	9-1/16	2-1/2	1-1/8	Min	8	10d	2	10d x 1-1/2	1000	1120	1210	330	880	990	1065	260	
1-1/2 x 11-1/4 - 11-7/8	IHFL15112	IUS1.56/11.88	--	18	1-1/2	11-1/16	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40	
	IHF15112	MIU1.56/11	--	16	1-1/2	11-1/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
1-1/2 x 14	IHF1514	--	--	16	1-1/2	13-1/2	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260	
									Max	28	16d	2	10d x 1-1/2	3065	3095	3115	330	1815	1840	1860		
1-5/8 x 9-1/4 - 9-1/2	IHF16925	--	--	16	1-5/8	9	2-1/2	1-1/8	Min	8	10d	2	10d x 1-1/2	1000	1120	1210	330	880	990	1065	260	
									Max	20	16d	2	10d x 1-1/2	2905	2905	2905	330	1945	1975	1995		
1-5/8 x 11-1/4 - 12	IHF16112	--	--	16	1-5/8	11	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
									Max	24	16d	2	10d x 1-1/2	3295	3325	3350	330	1945	1975	1995		
1-5/8 x 14	IHF1614	--	--	16	1-5/8	13-7/16	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260	
									Max	28	16d	2	10d x 1-1/2	3295	3325	3350	330	1945	1975	1995		
1-3/4 x 9-1/4 - 9-1/2	IHFL17925	IUS1.81/9.5	--	18	1-3/4	8-15/16	2-1/2	1-1/8	--	8	10d	--	--	960	1095	1180	50	830	945	1020	40	
	IHF17925	MIU1.81/9	--	16	1-3/4	8-15/16	2-1/2	1-1/8	Min	8	10d	2	10d x 1-1/2	1000	1120	1210	330	880	990	1065	260	
1-3/4 x 11-7/8	IHF17112	MIU1.81/11	--	16	1-3/4	10-15/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
									Max	24	16d	2	10d x 1-1/2	3530	3560	3585	330	2080	2105	2125		
1-3/4 x 14	IHF1714	MIU1.81/14	--	16	1-3/4	13-3/8	2-1/2	1-1/8	Min	12	10d	--	--	1440	1640	1770	50	1245	1420	1530	40	
									Max	14	10d	--	--	1680	1915	2065	330	1455	1660	1785		
1-3/4 x 16	IHF1716	MIU1.81/16	--	16	1-3/4	13-3/8	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260	
									Max	28	16d	2	10d x 1-1/2	3530	3560	3585	330	2080	2105	2125		
2 - 2-1/8 x 9-1/2	IHF20925	--	--	16	2-1/8	8-7/8	2-1/2	1-1/8	Min	8	10d	2	10d x 1-1/2	1000	1120	1210	330	880	990	1065	260	
									Max	20	16d	2	10d x 1-1/2	2905	2905	2905	330	2410	2440	2460		
2 - 2-1/8 x 11-7/8	IHF20112	MIU2.1/11	--	16	2-1/8	11-3/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
									Max	24	16d	2	10d x 1-1/2	3530	3960	3960	330	2410	2440	2460		
2 - 2-1/8 x 14	IHF2014	--	--	16	2-1/8	13-1/4	2-1/2	1-1/8	Min	12	10d	--	--	1440	1640	1770	50	1245	1420	1530	40	
									Max	14	10d	--	--	1680	1915	2065	330	1455	1660	1785		
2 - 2-1/8 x 16	IHF2016	--	--	16	2-1/8	13-1/4	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260	
									Max	28	16d	2	10d x 1-1/2	4115	4150	4170	330	2410	2440	2460		
2-5/16 x 9-1/2	IHF23925	--	--	16	2-5/16	9-3/16	2-1/2	1-1/8	Min	14	10d	--	--	1680	1915	2065	50	1455	1660	1785	40	
									Max	16	10d	--	--	1920	2190	2360	330	1660	1895	2040		
2-5/16 x 9-1/2	IHF23925	MIU2.37/9	--	16	2-5/16	9-3/16	2-1/2	1-1/8	Min	8	10d	2	10d x 1-1/2	960	1095	1180	50	830	945	1020	40	
									Max	24	16d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
 2) IHFL (18GA) — install (2) 10d (0.148") x 1-1/2" nails through diamond dimple holes into the bottom chord of I-Joist member for a total uplift of 220 lbs.
 IHF (16GA) — uplift capacity for hangers installed without joist nails is 65 lbs.
 3) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.
Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.
 New products or updated product information are designated in **blue font**.

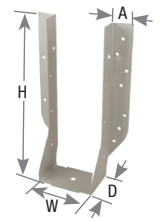


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Joist Size (in)	MiTek USP Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)				Fastener Schedule ³				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				Code Ref.	
					W	H	D	A	Min/Max	Header		Joist ²		100%	115%	125%	Uplift ^{1,2}	100%	115%	125%		Uplift ^{1,2}
										Qty	Type	Qty	Type									
2-5/16 x 11-7/8	IHFL23112	IUS2.37/11.88	--	18	2-5/16	11-3/16	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40	
	IHF23112	MIU2.37/11	--	16	2-5/16	11-3/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
2-5/16 x 14	IHFL2314	IUS2.37/14	--	18	2-5/16	13-1/2	2-1/2	1-1/8	Min	12	10d	--	--	1440	1640	1770	50	1245	1420	1530	40	
	IHF2314	MIU2.37/14	--	16	2-5/16	13-1/2	2-1/2	1-1/8	Max	14	10d	2	10d x 1-1/2	1680	1915	2065	330	1455	1660	1785	260	
2-5/16 x 16	IHFL2316	IUS2.37/16	--	18	2-5/16	15-9/16	2-1/2	1-1/8	Min	14	10d	--	--	1680	1915	2065	50	1455	1660	1785	40	
	IHF2316	MIU2.37/16	--	16	2-5/16	15-9/16	2-1/2	1-1/8	Max	16	10d	2	10d x 1-1/2	1920	2190	2360	330	1660	1895	2040	260	
2-5/16 x 18	IHFL2318	IUS2.37/18	--	18	2-5/16	17-1/8	2-1/2	1-1/8	Min	14	10d	--	--	1750	1965	2120	50	1540	1730	1865	40	
	IHF2318	MIU2.37/18	--	16	2-5/16	17-1/8	2-1/2	1-1/8	Max	16	10d	2	10d x 1-1/2	4410	4440	4440	330	2675	2705	2725	260	
2-1/2 x 9-1/4 - 9-1/2	THFI2595	IUS2.56/9.25, IUS2.56/9.5	--	18	2-5/8	9-1/2	2-1/2	1-3/8	--	8	10d	--	--	960	1095	1180	125	845	965	995	100	
	IHF25925	MIU2.56/9	--	16	2-1/2	9-1/8	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	
2-1/2 x 11-1/4 - 11-7/8	THFI25118	IUS2.56/11.88	--	18	2-5/8	11-7/8	2-1/2	1-3/8	--	10	10d	--	--	1200	1265	1265	125	995	995	995	100	
	IHF25112	MIU2.56/11	--	16	2-1/2	11-1/8	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	
2-1/2 x 14	THFI2514	IUS2.56/14	--	18	2-5/8	14	2-1/2	1-3/8	--	10	10d	--	--	1440	1640	1770	125	1265	1445	1555	100	
	IHF2514	MIU2.56/14	--	16	2-1/2	13-7/16	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1680	1915	2065	50	1480	1685	1815	40	
2-1/2 x 16	IHFL2516	IUS2.56/16	--	18	2-1/2	15-1/2	2-1/2	1-1/8	Min	12	10d	--	--	1440	1640	1770	50	1245	1420	1530	40	
	IHF2516	MIU2.56/16	--	16	2-1/2	15-1/2	2-1/2	1-1/8	Max	14	10d	2	10d x 1-1/2	1680	1915	2065	330	1455	1660	1785	260	
2-5/8 x 9-1/4 - 9-1/2	IHF26925	MIU2.56/16	--	16	2-1/2	15-1/2	2-1/2	1-1/8	Min	14	10d	--	--	1680	1915	2065	50	1455	1660	1785	40	
	IHF26112	MIU2.56/16	--	16	2-1/2	15-1/2	2-1/2	1-1/8	Max	16	10d	2	10d x 1-1/2	1920	2190	2360	330	1660	1895	2040	260	
2-5/8 x 11-1/4 - 11-7/8	IHF26112	MIU2.56/16	--	16	2-5/8	9-1/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	
	IHF2614	MIU2.56/16	--	16	2-5/8	11-1/16	2-1/2	1-1/8	Max	24	16d	2	10d x 1-1/2	3530	3960	3960	330	3010	3035	3055	260	
2-5/8 x 14	IHF2614	MIU2.56/16	--	16	2-5/8	13-3/8	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260	
	IHF2616	MIU2.56/16	--	16	2-5/8	15-7/16	2-1/2	1-1/8	Max	28	16d	2	10d x 1-1/2	4115	4440	4440	330	3010	3035	3055	260	
2-5/8 x 16	IHF2616	MIU2.56/16	--	16	2-5/8	15-7/16	2-1/2	1-1/8	Min	14	10d	2	10d x 1-1/2	1750	1965	2120	330	1540	1730	1865	260	
	IHF2616	MIU2.56/16	--	16	2-5/8	15-7/16	2-1/2	1-1/8	Max	30	16d	2	10d x 1-1/2	4410	4440	4440	330	3010	3035	3055	260	
3 x 9-1/4	IHF15925-2	MIU3.12/9	--	16	3-1/8	9-3/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	
	IHF15112-2	MIU3.12/11	--	16	3-1/8	10-13/16	2-1/2	1-1/8	Max	24	16d	2	10d x 1-1/2	3530	4000	4320	330	3105	3435	3455	260	
3 x 11-1/4	IHF15112-2	MIU3.12/11	--	16	3-1/8	10-13/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	
	IHF15112-2	MIU3.12/11	--	16	3-1/8	10-13/16	2-1/2	1-1/8	Max	24	16d	2	10d x 1-1/2	3530	3960	3960	330	3105	3125	3125	260	

IBC, FL, LA

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
 2) IHFL (18GA) — install (2) 10d (0.148") x 1-1/2" nails through diamond dimple holes into the bottom chord of I-Joist member for a total uplift of 220 lbs.
 IHF (16GA) — uplift capacity for hangers installed without joist nails is 65 lbs.
 3) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.
Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.
 New products or updated product information are designated in **blue font**.



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I-Joist Charts Face Mount Hangers

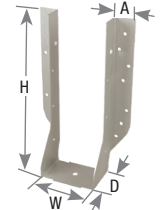
EWP Hangers

Joist Size (in)	MiTek USP Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)				Fastener Schedule ³				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				Code Ref.	
					W	H	D	A	Min/Max	Header		Joist ²		100%	115%	125%	Uplift ^{1,2}	100%	115%	125%		160%
										Qty	Type	Qty	Type									
3-1/4 x 9-1/4	IHF16925-2	--	--	16	3-3/8	9-1/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	
									Max	24	16d			3530	4000	4320		3105	3520	3720		
3-1/4 x 11-1/4	IHF16112-2	--	--	16	3-3/8	10-3/4	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	
									Max	24	16d			3530	3960	3960		3105	3125	3125		
3-1/2 x 9-1/4 - 9-1/2	IHF135925	IUS3.56/9.5	--	18	3-1/2	8-5/8	2-1/2	1-1/8	--	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40	
	IHF35925	MIU3.56/9	--	16	3-1/2	8-5/8	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1375	1375	330	1085	1085	1085	260	
								Max	24	16d	2	10d x 1-1/2	3530	4000	4320	3105		3520	3800			
3-1/2 x 11-1/4 - 11-7/8	IHF135112	IUS3.56/11.88	--	18	3-1/2	10-5/8	2-1/2	1-1/8	Min	10	10d	--	--	1200	1370	1475	50	1040	1185	1275	40	
								Max	12				1440	1640	1770	1245		1420	1530			
3-1/2 x 14	IHF13514	IUS3.56/14	--	18	3-1/2	12-15/16	2-1/2	1-1/8	Min	12	10d	--	--	1440	1640	1770	50	1245	1420	1530	40	
								Max	14				1680	1915	2065	1455		1660	1785			
3-1/2 x 16	IHF3514	MIU3.56/14	--	16	3-1/2	12-15/16	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260	
								Max	28	16d			4115	4440	4440	3620		3965	3985			
3-1/2 x 16	IHF13516	IUS3.56/16	--	18	3-1/2	15	2-1/2	1-1/8	Min	14	10d	--	--	1680	1915	2065	50	1455	1660	1785	40	
								Max	16				1920	2190	2360	1660		1895	2040			
3-1/2 x 16	IHF3516	MIU3.56/16	--	16	3-1/2	15	2-1/2	1-1/8	Min	14	10d	2	10d x 1-1/2	1750	1965	2120	330	1540	1730	1865	260	
								Max	30	16d			4410	4440	4440	3880		3965	3985			
3-1/2 x 18	IHF3518	MIU3.56/18	--	16	3-1/2	16-9/16	2-1/2	1-1/8	Min	14	10d	2	10d x 1-1/2	1750	1965	2120	330	1540	1730	1865	260	
								Max	30	16d			4410	4440	4440	3880		3965	3985			
4 - 4-3/16 x 9-1/2	IHF20925-2	MIU4.12/9, MIU4.28/9	--	16	4-3/16	8-11/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
								Max	24	16d			3530	3960	3960	3105		3120	3120			
4 - 4-3/16 x 11-7/8	IHF20112-2	MIU4.12/11, MIU4.28/11	--	16	4-3/16	11	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
								Max	24	16d			3530	3960	3960	3105		3120	3120			
4 - 4-3/16 x 14	IHF2014-2	MIU4.12/14, MIU4.28/14	--	16	4-3/16	13-5/8	2-1/2	1-1/8	Min	12	10d	2	10d x 1-1/2	1500	1685	1815	330	1320	1480	1595	260	
								Max	28	16d			3960	3960	3960	3120		3120	3120			
4-5/8 x 9-1/4	IHF23925-2	MIU4.75/9	--	16	4-3/4	8-3/8	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
								Max	24	16d			3530	3960	3960	3105		3120	3120			
4-5/8 x 11-1/4	THF23118-2	MIU4.75/11	x	16	4-3/4	10-11/16	2-1/2	1-1/4	--	16	10d	6	10d	1890	2170	2360	1135	1650	1900	2065	990	
4-5/8 x 14	THF23140-2	MIU4.75/14	x	12	4-3/4	13-5/16	2-1/2	1-1/4	--	20	10d	6	10d	2660	3060	3325	1275	2325	2675	2910	1115	
4-5/8 x 16	THF23160-2	MIU4.75/16	x	12	4-3/4	15-15/16	2-1/2	1-1/4	--	24	10d	6	10d	3190	3670	3990	1275	2790	3165	3165	1115	
5 x 9-1/4	IHF25925-2	MIU5.12/9	--	16	5-1/8	8-3/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
									Max	24	16d			3530	3960	3960		3105	3120	3120		
5 x 11-1/4	IHF25112-2	MIU5.12/11	--	16	5-1/8	10-7/16	2-1/2	1-1/8	Min	10	10d	2	10d x 1-1/2	1250	1405	1515	330	1100	1235	1330	260	
									Max	24	16d			3530	3960	3960		3105	3120	3120		
5 x 14	THF25140-2	MIU5.12/14	x	12	5-1/8	13-1/8	2-1/2	1-1/4	--	20	10d	6	10d	2660	3060	3325	1275	2340	2690	2925	1015	
5 x 16	THF25160-2	MIU5.12/16	x	12	5-1/8	15-3/4	2-1/2	1-1/4	--	24	10d	6	10d	3190	3670	3990	1275	2810	3160	3160	1015	
7 x 9-1/4	HD7100	HU410-2	x	14	7-1/8	9	2-1/2	1-1/16	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035	
									Max	18		8		2770	3125	3355	1845	2440	2750	2950	1620	
7 x 11-1/4	HD7120	HU412-2	x	14	7-1/8	10-11/16	2-1/2	1-1/16	Min	16	16d	6	16d	2465	2780	2980	1305	2165	2445	2620	1035	
									Max	22		8		3390	3820	4100	1845	2980	3360	3605	1620	
7 x 14	HD7140	HU414-2	x	14	7-1/8	13	2-1/2	1-1/16	Min	20	16d	8	16d	3080	3475	3725	1845	2710	3055	3160	1620	
									Max	26		12		4005	4435	4435	2765	3520	3885	3885	2430	

IBC, FL, LA

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1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
 2) IHFL (18GA) — install (2) 10d (0.148") x 1-1/2" nails through diamond dimple holes into the bottom chord of I-Joist member for a total uplift of 220 lbs.
 IHF (16GA) — uplift capacity for hangers installed without joist nails is 65 lbs.
 3) **NAILS:** 10d x 1-1/2" nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.
Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.
 New products or updated product information are designated in **blue font**.

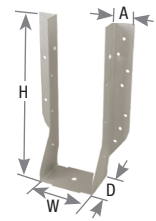


EWP Hangers

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Joist Size (in)	MiTek USP Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)				Fastener Schedule ^{2,3}				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				Code Ref.	
					W	H	D	A	Min/Max	Header		Joist		100%	115%	125%	Uplift ¹	100%	115%	125%		Uplift ¹
										Qty	Type	Qty	Type									
1-3/4 x 5-1/2	HUS175	HU1.81/5	x	16	1-13/16	5-3/8	3	2	--	14	16d	6	16d	2760	3140	3400	2045	2430	2765	2990	1640	
1-3/4 x 7-1/4	HD1770	HU7	x	14	1-13/16	7-1/8	2-1/2	1-1/8	Min	12	16d	4	10d x 1-1/2	1850	2085	2235	760	1625	1835	1900	610	IBC, FL, LA
	HUS177	--	x	16	1-13/16	7-1/8	3	2	Max	16	16d	8	16d	2465	2780	2980	1190	2165	2445	2620	960	
1-3/4 x 9-1/2	HD17925	HU9	x	14	1-13/16	9-1/8	2-1/2	1-1/8	Min	18	16d	6	10d x 1-1/2	2770	3125	3355	1170	2440	2645	2695	955	IBC, FL, LA
	HD17925-11F	--	x	14	1-13/16	9-1/8	--	1-1/8	Max	24	16d	10	10d x 1-1/2	3695	4170	4320	1900	3020	3165	3255	1545	
	HDQ1791F	HUCQ1.81/9-SDS	x	14	1-13/16	9	3	13/16	--	8	WS3	4	WS15	3340	3605	3605	1110	2980	3010	3010	925	IBC, FL, LA
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	2	--	30	16d	10	16d	5580	6060	6060	4110	4555	4880	4910	3410	
1-3/4 x 11-1/4 - 11-7/8	HD17112	HU11	x	14	1-13/16	11-3/8	2-1/2	1-1/8	Min	22	16d	6	10d x 1-1/2	3390	3625	3685	1170	2555	2645	2695	955	IBC, FL, LA
	HD17112IF	--	x	14	1-13/16	11-3/8	--	1-1/8	Max	30	16d	12	10d x 1-1/2	4320	4515	4640	1900	3255	3425	3535	1550	
	HDQ17112IF	HUCQ1.81/11-SDS	x	14	1-13/16	11	3	13/16	--	10	WS3	6	WS15	3340	3340	3340	1580	2890	2890	2890	1365	IBC, FL, LA
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	2	--	30	16d	10	16d	5580	6060	6060	4110	4555	4880	4910	3410	
1-3/4 x 14	HD1714	HU14, U14	x	14	1-13/16	13-5/16	2-1/2	1-1/8	Min	28	16d	8	10d x 1-1/2	3790	3920	4005	1510	2790	2905	2975	1220	IBC, FL, LA
	HD1714IF	--	x	14	1-13/16	13-5/16	--	1-1/8	Max	36	16d	14	10d x 1-1/2	4580	4810	4955	1900	3485	3685	3815	1555	
	HDQ1714IF	--	x	14	1-13/16	13-3/8	3	13/16	--	12	WS3	6	WS15	4660	4870	4955	2035	3355	3525	3635	1680	IBC, FL, LA
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	2	--	30	16d	10	16d	5580	6060	6060	4110	4555	4880	4910	3410	
1-3/4 x 16	HD1714	HU14, U14	x	14	1-13/16	13-5/16	2-1/2	1-1/8	Min	28	16d	8	10d x 1-1/2	3790	3920	4005	1510	2790	2905	2975	1220	IBC, FL, LA
	HD1714IF	--	x	14	1-13/16	13-5/16	--	1-1/8	Max	36	16d	14	10d x 1-1/2	4580	4810	4955	1900	3485	3685	3815	1555	
	HDQ1714IF	--	x	14	1-13/16	13-3/8	3	13/16	--	12	WS3	6	WS15	4660	4870	4955	2035	3355	3525	3635	1680	
2-11/16 x 9-1/4 - 14	HD27925	HU2.75/10	x	14	2-3/4	9-3/16	2-1/2	1-1/8	Min	14	16d	6	10d x 1-1/2	2155	2430	2610	1170	1895	2140	2295	950	IBC, FL, LA
	THDH27925	--	x	12	2-3/4	9-1/8	4	2-1/2	Max	20	16d	10	16d	3080	3475	3725	1510	2710	3055	3200	1210	
2-11/16 x 11-1/4 - 16	HD27112	HU2.75/12	x	14	2-3/4	11-3/16	2-1/2	1-1/8	Min	16	16d	8	10d x 1-1/2	2465	2780	2980	1190	2165	2445	2620	950	IBC, FL, LA
	THDH27112	--	x	12	2-3/4	10-7/8	4	2-1/2	Max	24	16d	12	16d	3695	4170	4435	1900	3250	3665	3930	1530	
			x	12	2-3/4	10-7/8	4	2-1/2	--	56	16d	14	16d	9710	9710	9710	4345	7795	7795	7795	3490	

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
 2) WS15 structural wood screws are 1/4" dia. x 1-1/2" long, WS3 structural wood screws are 1/4" dia. x 3" long and are included with HDQ hangers.
 3) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.
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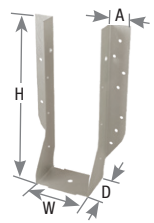


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Joist Size (in)	MiTek USP Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)				Fastener Schedule ^{2,3}				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				Corrosion Finish	Code Ref.	
					W	H	D	A	Min/Max	Header		Joist		100%	115%	125%	Uplift ¹ 160%	100%	115%	125%			Uplift ¹ 160%
										Qty	Type	Qty	Type										
2-11/16 x 14 - 16	HD2714	HU2.75/14	x	14	2-3/4	13-3/16	2-1/2	1-1/8	Min	18	16d	8	10d x 1-1/2	2770	3125	3355	1510	2440	2750	2950	1210		
									Max	26		12		4005	4435	4435	1900	3520	3935	3935	1530		
	THDH2714	--	x	12	2-3/4	12-1/4	4	2-1/2	--	66	16d	16	16d	11185	11325	11325	5290	8530	9045	9115	4260		
3-1/2 x 9-1/4 - 14	HD410	--	x	14	3-9/16	8-13/16	2-1/2	1-1/8	Min	14	16d	6	10d	2155	2430	2610	1170	1895	2140	2295	1030		
									Max	20		10		3080	3475	3725	1950	2710	3055	3190	1715		
	HDQ410IF	HUCQ410-SDS	x	14	3-9/16	9	3	1-1/2	--	12	WS3	6	WS3	5015	5590	5590	2975	4670	4900	4900	2865		
	THD410	HHUS410	x	14	3-5/8	9-1/16	3	2	--	38	16d	20	10d	5850	6600	7045	3905	5145	5680	5680	3255		
	THDH410	HGUS410	x	12	3-5/8	9-1/16	4	2-1/2	--	46	16d	12	16d	9020	9020	9020	4345	7820	7820	7820	3470		
3-1/2 x 11-1/4 - 16	HD412	--	x	14	3-9/16	10-13/16	2-1/2	1-1/8	Min	16	16d	8	10d	2465	2780	2980	1305	2165	2445	2620	1040		
									Max	24		12		3695	4170	4470	2340	3250	3665	3860	2060		
	HDQ412IF	HUCQ412-SDS	x	14	3-9/16	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	4980	4980	4980	2775		
	THD412	--	x	14	3-5/8	11	3	3	--	48	16d	20	10d	7045	7045	7045	3905	5680	5680	5680	3255		
	THDH412	HGUS412	x	12	3-5/8	11-1/16	4	2-1/2	--	56	16d	14	16d	9710	9710	9710	5290	7765	7765	7765	4230		IBC, FL, LA
3-1/2 x 14 - 20	HD414	--	x	14	3-9/16	12-13/16	2-1/2	1-1/8	Min	18	16d	8	10d	2770	3125	3355	1510	2440	2750	2950	1205		
									Max	26		12		4005	4515	4815	2340	3520	3860	3860	2060		
	THD414	--	x	14	3-5/8	12-7/8	3	3	--	58	16d	20	10d	7045	7045	7045	3905	5680	5680	5680	3255		
	THDH414	HGUS414	x	12	3-5/8	13-1/16	4	2-1/2	--	66	16d	16	16d	11325	11325	11325	5305	9075	9075	9075	4250		
3-1/2 x 16 - 22	HD416	--	x	14	3-9/16	14-13/16	2-1/2	1-1/8	Min	22	16d	10	10d	3390	3820	4100	1950	2980	3360	3605	1715		
									Max	30		14		4620	4990	4990	2245	4015	4015	4015	1805		
3-1/2 x 18 - 26	HD418	--	x	14	3-9/16	16-1/2	2-1/2	1-1/8	--	28	16d	8	10d	4310	4815	4815	1560	3795	3835	3835	1375		
5-1/4 x 9-1/4 - 11-7/8	HD5210	--	x	14	5-3/8	7-7/8	2-1/2	1-1/8	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035		
									Max	20		10		3080	3475	3725	2305	2710	3055	3275	2025		
	HDQ5210IF	HUCQ5.25/9-SDS	x	14	5-1/4	9	3	1-1/2	--	12	WS3	6	WS3	5015	5590	5590	2975	4670	4890	4890	2855		
	THD610	HHUS5.50/10	x	12	5-1/2	9	3	3	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6630	3230		
	THDH610	HGUS5.25/10, HGUS5.50/10	x	12	5-1/2	9	4	2-1/2	--	46	16d	16	16d	9020	9020	9020	5290	7805	7805	7805	4210		

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
 2) WS3 structural wood screws are 1/4" dia. x 3" long and are included with HDQ hangers.
 3) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.
Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.
 New products or updated product information are designated in blue font.

Corrosion Finish ■ Stainless Steel ■ Gold Coat ■ HDG ■ Triple Zinc



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Joist Size (in)	MiTek USP Stock No.	Ref. No.	Web Stiff Req'd	Ga	Dimensions (in)				Fastener Schedule ^{2,3}				DF/SP Header Allowable Loads (Lbs.)				S-P-F Header Allowable Loads (Lbs.)				Code Ref.	
					W	H	D	A	Min/Max	Header		Joist		100%	115%	125%	Uplift ¹ 160%	100%	115%	125%		Uplift ¹ 160%
										Qty	Type	Qty	Type									
5-1/4 x 11-1/4 - 16	HD5212	--	x	14	5-3/8	9-7/8	2-1/2	1-1/8	Min	16	16d	8	16d	2465	2780	2980	1305	2165	2445	2620	1040	IBC, FL, LA
									Max	24		12		3695	4170	4470	2765	3250	3665	3930	2430	
	HDQ5212IF	HUCQ5.25/11-SDS	x	14	5-1/4	11	3	1-1/2	--	14	WS3	6	WS3	5605	5605	5605	3280	4965	4965	4965	2770	
	THD612	--	x	12	5-1/2	11	3	3	--	48	16d	20	10d	8255	8285	8285	4035	6630	6630	6630	3230	
	THDH612	HGUS5.25/12, HGUS5.50/12	x	12	5-1/2	11	4	2-1/2	--	56	16d	20	16d	9530	9530	9530	5290	7610	7610	7610	4225	
5-1/4 x 14 - 20	HD5214	--	x	14	5-3/8	11-7/8	2-1/2	1-1/8	Min	18	16d	8	16d	2770	3125	3355	1845	2440	2750	2950	1620	
									Max	26		12		4005	4515	4845	2765	3520	3970	4020	2430	
	THD614	--	x	12	5-1/2	12-7/8	3	3	--	58	16d	20	10d	8285	8285	8285	4035	6630	6630	6630	3230	
	THDH614	HGUS5.50/14	x	12	5-1/2	13	4	2-1/2	--	66	16d	22	16d	11325	11325	11325	5305	9055	9055	9055	4245	
5-1/4 x 16 - 22	HD5216	--	x	14	5-3/8	13-7/8	2-1/2	1-1/8	Min	22	16d	10	16d	3390	3820	4100	2305	2980	3360	3605	2025	
									Max	30		14		4620	4990	4990	3225	3995	3995	3995	2835	
6-3/4 x 9 - 14	THDH6710	HGUS210-4, HGUS6.88/10	x	12	6-7/8	8-13/16	4	2-1/2	--	46	16d	12	16d	9020	9020	9020	4345	7765	7765	7765	3445	
6-3/4 x 11 - 18	THDH6712	HGUS212-4, HGUS6.88/12	x	12	6-7/8	10-13/16	4	2-1/2	--	56	16d	14	16d	9020	9020	9020	5290	7775	7775	7775	4195	
6-3/4 x 13 - 20	THDH6714	HGUS214-4, HGUS6.88/14	x	12	6-7/8	12-13/16	4	2-1/2	--	66	16d	16	16d	11325	11325	11325	5305	8995	8995	8995	4215	
7 x 9-1/4 - 14	HD7100	HU410-2	x	14	7-1/8	9	2-1/2	1-1/16	Min	14	16d	6	16d	2155	2430	2610	1305	1895	2140	2295	1035	
									Max	18		8		2770	3125	3355	1845	2440	2750	2950	1620	
	THD7210	HHUS7.25/10	x	12	7-1/4	9	3	3	--	38	16d	20	10d	6535	7255	7745	4035	5750	6380	6605	3220	
	THDH7210	HGUS7.25/10	x	12	7-1/4	9	4	2-1/2	--	46	16d	12	16d	9020	9020	9020	4345	7760	7760	7760	3440	
7 x 11-1/4 - 16	HD7120	HU412-2	x	14	7-1/8	10-11/16	2-1/2	1-1/16	Min	16	16d	6	16d	2465	2780	2980	1305	2165	2445	2620	1035	
									Max	22		8		3390	3820	4100	1845	2980	3360	3605	1620	
	THDH7212	HGUS7.25/12	x	12	7-1/4	10-1/2	4	2-1/2	--	56	16d	14	16d	9020	9020	9020	5290	7770	7770	7770	4195	
7 x 14 - 20	HD7140	HU414-2	x	14	7-1/8	13	2-1/2	1-1/16	Min	20	16d	8	16d	3080	3475	3725	1845	2710	3055	3160	1620	
									Max	26		12		4005	4435	4435	2765	3520	3885	3885	2430	
	THDH7214	HGUS7.25/14	x	12	7-1/4	12-1/4	4	2-1/2	--	66	16d	16	16d	11325	11325	11325	5305	8990	8990	8990	4215	
7 x 16 - 22	HD7160	--	x	14	7-1/8	15-5/8	2-1/2	1-1/16	--	24	16d	8	10d	3695	4170	4435	1560	3250	3665	3870	1375	
7 x 18 - 26	HD7180	--	x	14	7-1/8	17-3/4	2-1/2	1-1/16	--	28	16d	8	10d	4310	4860	4940	1560	3795	3910	3910	1375	

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

2) WS3 structural wood screws are 1/4" dia. x 3" long and are included with HDQ hangers.

3) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.

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