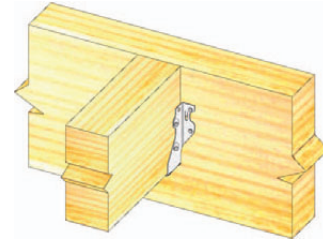


The HUS, JUS & MUS hanger series offers double shear nailing. USP's dimple allows for 30° to 45° nailing through the joist into the header resulting in higher loads and less nailing. Slant nailing also eliminates the need for shorter joist nails in 2x applications.

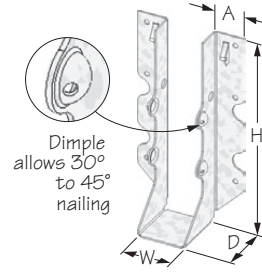
- Materials:** JUS - 18 gauge; MUS - 18 gauge; HUS - 14 or 16 gauge
- Finish:** G90 galvanizing;  
JUS24-GC, JUS26-GC, JUS210-GC, JUS26-2GC, & JUS210-2GC – Gold Coat
- Options:** HUS28-2IF, HUS210-2IF, JUS24, JUS26, JUS26-2, JUS28, JUS28-2, JUS210, JUS210-2, JUS44, JUS46, JUS28-3, & JUS210-3 are available in Triple Zinc. To order, add **TZ** to stock number, as in **JUS24 -TZ**.  
JUS24, JUS26, JUS26-2, JUS28, JUS210, and JUS210-2 are available in Stainless Steel. To order, add **SS** to stock number, as in **JUS26-SS**.  
See HUS Specialty Options Chart.
- Codes:** ESR-1881, FL9835, FL570, FL821, FL571,  
Dade County, FL 07-0419.01, Dade County, FL 07-0214.20 &  
Dade County, FL 06-0921.05, **L.A. City RR 25779**

**Installation:**

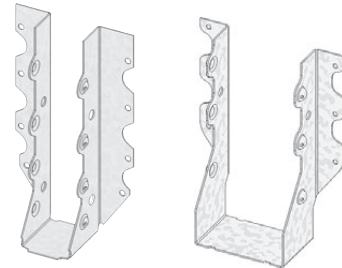
- Use all specified fasteners. See Product Notes, page 11.
- Joist nails must be driven at a 30° to 45° angle through the joist or truss into the header to achieve listed loads. **Standard length “double shear” nails must be used to achieve listed load values.**
- JUS & MUS - 16d sinkers (9 gauge x 3 1/4”) may be used where 10d commons are specified with no load reduction.



**Typical JUS46 installation**

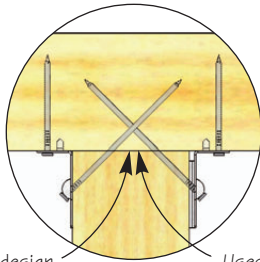


**JUS28**



**MUS**

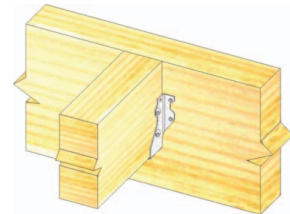
**HUS28-2**



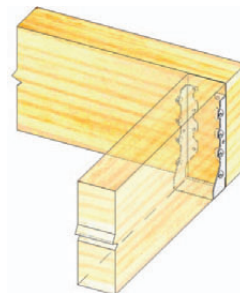
Double shear nail design features fewer nails and faster installation

Uses standard length nails

**AVAILABLE IN  
GOLD  
COAT**



**Typical HUS46 installation**



**Typical HUS410IF inverted flange installation**

**HUS Specialty Options Chart** – refer to Specialty Options pages 194-195 for additional details.

Option	Inverted Flange
Range	Not available in widths less than 2-1/4”.
Allowable Loads	100% of table load. 65% of table load when nailing into the support members end grain.
Ordering	Add <i>IF</i> to product number. Ex. HUS410IF



# FACE MOUNT HANGER CHARTS CONTINUED



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Joist Size	USP Stock No.	Ref. No.	Steel Gauge	Dimensions				Fastener Schedule <sup>2,3,4,6,7</sup>				Allowable Loads (Lbs.)				Code Ref.
				W	H	D	A	Header		Joist		DF-L / SP				
								Qty	Nail	Qty	Nail	Floor	Roof		Uplift <sup>1</sup>	
100%	115%	125%	160%													
2 x 12	JL210	LU210	20	1-9/16	8-1/4	1-1/2	15/16	14	10d	8	10d x 1-1/2	1595	1835	1875	1095	5, F6, F30, D3, R5
			20	1-9/16	8-1/4	1-1/2	15/16	14	16d	8	10d x 1-1/2	1905	1965	1965	1095	
	JL210IF-TZ	LUC210Z	18	1-9/16	8-1/4	1-1/2	---	11	10d	6	10d x 1-1/2	1275	1465	1595	1095	110
			18	1-9/16	8-1/4	1-1/2	---	11	16d	6	10d x 1-1/2	1520	1745	1900	1095	
	JUS210	LUS210	18	1-9/16	7-3/4	1-3/4	1	8	10d	4	10d	1305	1500	1630	1115	6, F6, F15, D3, R13
	JUS210-GC	--	18	1-9/16	7-3/4	1-3/4	1	8	N10C-GC	4	N10C-GC	1305	1500	1630	1115	
	SUH210	U210	16	1-9/16	8	2	1-3/16	10	10d	6	10d x 1-1/2	1160	1335	1450	1085	2, F20, R12
			16	1-9/16	8	2	1-3/16	10	16d	6	10d x 1-1/2	1380	1585	1725	1085	
	HUS210	HUS210	16	1-5/8	9-3/16	3	2	30	16d	10	16d	5310	5510	5510	3205	6, F15, F18, D2, R13
	HD210	HU210	14	1-9/16	7-3/16	2	1-1/8	12	16d	4	10d x 1-1/2	1690	1945	2115	730	5, F30, R5
	HD212	HU212	14	1-9/16	9-1/4	2	1-1/8	16	16d	6	10d x 1-1/2	2255	2595	2730	1065	
2 x 14	SUH214	U214	16	1-9/16	10	2	1-1/8	12	10d	8	10d x 1-1/2	1390	1600	1740	1330	2, F20, R12
			16	1-9/16	10	2	1-1/8	12	16d	8	10d x 1-1/2	1655	1905	2070	1330	
	HD212	HU212	14	1-9/16	9-1/4	2	1-1/8	16	16d	6	10d x 1-1/2	2255	2595	2730	1065	5, F30, R5
	HD214	HU214	14	1-9/16	11-1/2	2	1-1/8	20	16d	6	10d x 1-1/2	2560	2660	2730	1065	
2 x 16	SUH214	U214	16	1-9/16	10	2	1-1/8	12	10d	8	10d x 1-1/2	1390	1600	1740	1330	2, F20, R12
			16	1-9/16	10	2	1-1/8	12	16d	8	10d x 1-1/2	1655	1905	2070	1330	
	HD212	HU212	14	1-9/16	9-1/4	2	1-1/8	16	16d	6	10d x 1-1/2	2255	2595	2730	1065	5, F30, R5
	HD214	HU214	14	1-9/16	11-1/2	2	1-1/8	20	16d	6	10d x 1-1/2	2560	2660	2730	1065	
(2) 2 x 4	JUS24-2	LUS24-2	18	3-1/8	3-7/16	2	1	4	16d	2	16d	780	900	965	325	6, F5, R13
			16	3-1/8	3-1/8	2	1-1/8	6	10d	2	10d	695	800	870	370	2, F20, R12
	SUH24-2	U24-2	16	3-1/8	3-1/8	2	1-1/8	6	16d	2	10d	830	950	1035	370	
			14	3-1/8	3-1/2	2-1/2	1-1/8	4	16d	2	10d	565	650	705	320	5, F30, R5
	HUS24-2	--	14	3-1/8	3-7/16	2	1	4	16d	2	16d	800	920	1000	495	6, F15, R13
(2) 2 x 6	JUS26-2	LUS26-2	18	3-1/8	5-1/4	2	1	4	16d	4	16d	1015	1170	1220	1355	6, F5, F15, D7, R13
	JUS26-2GC	--	18	3-1/8	5-1/4	2	1	4	N16C-GC	4	N16C-GC	1015	1170	1220	1355	
	SUH26-2	U26-2	16	3-1/8	5-1/16	2	1-1/8	8	10d	4	10d	930	1065	1160	740	2, F20, R12
			16	3-1/8	5-1/16	2	1-1/8	8	16d	4	10d	1105	1270	1380	740	
	HD24-2	HU24-2	14	3-1/8	3-1/2	2-1/2	1-1/8	4	16d	2	10d	565	650	705	320	5, F30, R5
			14	3-1/8	3-7/16	2	1	4	16d	2	16d	800	920	1000	495	6, F15, R13
	HUS26-2	HUS26-2	14	3-1/8	5-1/4	2	1	4	16d	4	16d	1030	1185	1290	1115	6, F18, F15, D2, R13
	HD26-2	HU26-2	14	3-1/8	5-1/8	2-1/2	1-1/8	12	16d	6	10d	1690	1945	2095	1140	5, F30, R5
(2) 2 x 8	JUS26-2	LUS26-2	18	3-1/8	5-1/4	2	1	4	16d	4	16d	1015	1170	1220	1355	6, F5, F15, D7, R13
	JUS26-2GC	---	18	3-1/8	5-1/4	2	1	4	N16C-GC	4	N16C-GC	1015	1170	1220	1355	
	JUS28-2	LUS28-2	18	3-1/8	7-1/8	2	1	6	16d	4	16d	1290	1485	1615	1355	
	SUH26-2	U26-2	16	3-1/8	5-1/16	2	1-1/8	8	10d	4	10d	930	1065	1160	740	2, F20, R12
			16	3-1/8	5-1/16	2	1-1/8	8	16d	4	10d	1105	1270	1380	740	
			16	3-1/8	6-1/4	2	1-1/8	10	10d	4	10d	1160	1335	1450	740	
			16	3-1/8	6-1/4	2	1-1/8	10	16d	4	10d	1380	1585	1725	740	
	HUS26-2	HUS26-2	14	3-1/8	5-1/4	2	1	4	16d	4	16d	1030	1185	1290	1115	6, F18, F15, D2, R13
	HUS28-2	HUS28-2	14	3-1/8	7-1/8	2	1	6	16d	6	16d	1550	1780	1935	1810	
	HD26-2	HU26-2	14	3-1/8	5-1/8	2-1/2	1-1/8	12	16d	6	10d	1690	1945	2095	1140	5, F30, R5
	HD28-2	HU28-2	14	3-1/8	7-1/8	2-1/2	1-1/8	14	16d	6	10d	1975	2270	2470	1140	
(2) 2 x 10	JUS28-2	LUS28-2	18	3-1/8	7-1/8	2	1	6	16d	4	16d	1290	1485	1615	1355	6, F5, F15, D7, R13
	JUS210-2	LUS210-2	18	3-1/8	9-1/8	2	1	8	16d	6	16d	1800	2070	2250	1980	
	JUS210-2GC	--	18	3-1/8	9-1/8	2	1	8	N16C-GC	6	N16C-GC	1800	2070	2250	1980	
	SUH28-2	---	16	3-1/8	6-1/4	2	1-1/8	10	10d	4	10d	1160	1335	1450	740	2, F20, R12
			16	3-1/8	6-1/4	2	1-1/8	10	16d	4	10d	1380	1585	1725	740	
	SUH210-2	U210-2	16	3-1/8	8-9/16	2	1-1/8	14	10d	6	10d	1625	1870	2030	1115	
			16	3-1/8	8-9/16	2	1-1/8	14	16d	6	10d	1930	2220	2415	1115	
	HUS28-2	HUS28-2	14	3-1/8	7-1/8	2	1	6	16d	6	16d	1550	1780	1935	1810	6, F18, F15, D2, R13
	HD28-2	HU28-2	14	3-1/8	7-1/8	2-1/2	1-1/8	14	16d	6	10d	1975	2270	2470	1140	5, F30, R5
	HUS210-2	HUS210-2	14	3-1/8	9-1/8	2	1	8	16d	8	16d	2065	2375	2580	2210	6, F18, F15, D2, R13
	HD210-2	HU210-2	14	3-1/8	9	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905	5, F30, R5
	HDQ210-2IF	HUCQ210-2-SDS	14	3-1/4	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975	110

Hangers

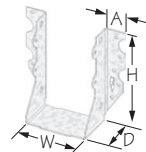
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USP2173-111

Joist Size	USP Stock No.	Ref. No.	Steel Gauge	Dimensions				Fastener Schedule <sup>4,5,6,7</sup>				Allowable Loads (Lbs.)				Code Ref.	
				W	H	D	A	Header		Joist		DF-L / SP					
								Qty	Nail	Qty	Nail	Floor	Roof		Uplift <sup>1</sup>		
100%	115%	125%	160%														
(2) 2 x 12	JUS210-2	LUS210-2	18	3-1/8	9-1/8	2	1	8	16d	6	16d	1800	2070	2250	1980	6, F5,	
	JUS210-2GC	--	18	3-1/8	9-1/8	2	1	8	N16C-GC	6	N16C-GC	1800	2070	2250	1980	F15, D7, R13	
	SUH210-2	U210-2	16	3-1/8	8-9/16	2	1-1/8	14	10d	6	10d	1625	1870	2030	1115	2, F20,	
			16	3-1/8	8-9/16	2	1-1/8	14	16d	6	10d	1930	2220	2415	1115	R12	
	HUS210-2	HUS210-2	14	3-1/8	9-1/8	2	1	8	16d	8	16d	2065	2375	2580	2210	6, F18,	
	HD210-2	HU210-2	14	3-1/8	9	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905	5, F30, R5	
	HDQ210-2IF	HUCQ210-2-SDS	14	3-1/4	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975	110	
(2) 2 x 14	JUS210-2	LUS210-2	18	3-1/8	9-1/8	2	1	8	16d	6	16d	1800	2070	2250	1980	6, F5,	
	JUS214-2	--	18	3-1/8	13-1/8	2	1	12	16d	6	16d	2345	2700	2935	1980	6, F15	
	SUH210-2	U210-2	16	3-1/8	8-9/16	2	1-1/8	14	10d	6	10d	1625	1870	2030	1115	2, F20,	
			16	3-1/8	8-9/16	2	1-1/8	14	16d	6	10d	1930	2220	2415	1115	R12	
	HD210-2	HU210-2	14	3-1/8	9	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905	5, F30, R5	
	HDQ210-2IF	HUCQ210-2-SDS	14	3-1/4	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975	110	
	HUS212-2	HUS212-2	14	3-1/8	11-1/8	2	1	10	16d	10	16d	2580	2965	3225	3060	6, F18,	
HD212-2	HU212-2	14	3-1/8	11	2-1/2	1-1/8	22	16d	10	10d	3100	3565	3880	1905	5, F30, R5		
(2) 2 x 16	JUS214-2	--	18	3-1/8	13-1/8	2	1	12	16d	6	16d	2345	2700	2935	1980	6, F15, R13	
	HD212-2	HU212-2	14	3-1/8	11	2-1/2	1-1/8	22	16d	10	10d	3100	3565	3880	1905	5, F30, R5	
	HD214-2	HU214-2	14	3-1/8	13	2-1/2	1-1/8	24	16d	10	10d	3385	3890	4230	1905		
	HD216-2	HU216-2	14	3-1/8	15	2-1/2	1-1/8	26	16d	12	10d	3665	4215	4570	2285		
	3 x 4	SUH34	U34	16	2-9/16	3-3/8	2	1-1/8	6	10d	2	10d x 1-1/2	695	800	850	360	2, F20,
				16	2-9/16	3-3/8	2	1-1/8	6	16d	2	10d x 1-1/2	830	850	850	360	R12
		HD34	HU34	14	2-9/16	3	2	1-1/8	4	16d	2	10d x 1-1/2	565	650	705	290	5, F30, R5
3 x 6	JUS36	LUS36	18	2-9/16	5-5/16	2	1	4	16d	4	16d	1015	1170	1220	1355	6, F15, R13	
	SUH34	U34	16	2-9/16	3-3/8	2	1-1/8	6	10d	2	10d x 1-1/2	695	800	850	360	2, F20, R12	
			16	2-9/16	3-3/8	2	1-1/8	6	16d	2	10d x 1-1/2	830	850	850	360		
	SUH36	U36	16	2-9/16	5-5/16	2	1-1/8	8	10d	4	10d x 1-1/2	930	1065	1160	725	5, F30, R5	
	HD36	HU36	14	2-9/16	4-3/4	2	1-1/8	8	16d	4	10d x 1-1/2	1130	1295	1410	730		
3 x 8	JUS38	---	18	2-9/16	6-3/4	2	1	6	16d	4	16d	1290	1485	1615	1355	6, F15, R13	
	SUH36	U36	16	2-9/16	5-5/16	2	1-1/8	8	10d	4	10d x 1-1/2	930	1065	1160	725	2, F20, R12	
			16	2-9/16	5-5/16	2	1-1/8	8	16d	4	10d x 1-1/2	1105	1270	1380	725		
	HD36	HU36	14	2-9/16	4-3/4	2	1-1/8	8	16d	4	10d x 1-1/2	1130	1295	1410	730	5, F30, R5	
HD38	HU38	14	2-9/16	6-3/4	2	1-1/8	12	16d	4	10d x 1-1/2	1690	1945	2115	730			
3 x 10	JUS310	LUS310	18	2-9/16	9-1/8	2	1	8	16d	6	16d	1800	2070	2250	1980	6, F15, R13	
	SUH310	U310	16	2-9/16	8-7/8	2	1-1/8	14	10d	6	10d x 1-1/2	1625	1870	2030	1085	2, F20, R12	
			16	2-9/16	8-7/8	2	1-1/8	14	16d	6	10d x 1-1/2	1930	2220	2415	1085		
	HD38	HU38	14	2-9/16	6-3/4	2	1-1/8	12	16d	4	10d x 1-1/2	1690	1945	2115	730	5, F30, R5	
	HD310	HU310	14	2-9/16	7-7/16	2-1/2	1-1/8	14	16d	6	10d x 1-1/2	1975	2270	2470	1065		
HDQ310IF	HUCQ310-SDS	14	2-9/16	9	3	1-3/16	8	WS3	4	WS15	3340	3380	3380	1470	110		
3 x 12	SUH310	U310	16	2-9/16	8-7/8	2	1-1/8	14	10d	6	10d x 1-1/2	1625	1870	2030	1085	2, F20, R12	
			16	2-9/16	8-7/8	2	1-1/8	14	16d	6	10d x 1-1/2	1930	2220	2415	1085		
	HD38	HU38	14	2-9/16	6-3/4	2	1-1/8	12	16d	4	10d x 1-1/2	1690	1945	2115	730	5, F30, R5	
	HD310	HU310	14	2-9/16	7-7/16	2-1/2	1-1/8	14	16d	6	10d x 1-1/2	1975	2270	2470	1065		
	HDQ310IF	HUCQ310-SDS	14	2-9/16	9	3	1-3/16	8	WS3	4	WS15	3340	3380	3380	1470	110	
HD312	HU312	14	2-9/16	9-5/16	2-1/2	1-1/8	16	16d	10	10d x 1-1/2	2255	2595	2820	1065	5, F30, R5		
3 x 14	SUH314	U314	16	2-9/16	10-9/16	2	1-1/8	16	10d	6	10d x 1-1/2	1855	2135	2320	1085	2, F20, R12	
			16	2-9/16	10-9/16	2	1-1/8	16	16d	6	10d x 1-1/2	2210	2505	2505	1085		
	HD310	HU310	14	2-9/16	7-7/16	2-1/2	1-1/8	14	16d	6	10d x 1-1/2	1975	2270	2470	1065	5, F30, R5	
	HDQ310IF	HUCQ310-SDS	14	2-9/16	9	3	1-3/16	8	WS3	4	WS15	3340	3380	3380	1470	110	
	HD312	HU312	14	2-9/16	9-5/16	2-1/2	1-1/8	16	16d	10	10d x 1-1/2	2255	2595	2820	1065	5, F30, R5	
HD314	HU314	14	2-9/16	11-5/16	2-1/2	1-1/8	20	16d	10	10d x 1-1/2	2820	3245	3525	1065			

- Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 10d x 1-1/2 nails are 9 gauge (0.148" diameter) by 1-1/2" long.
- Minimum nail embedment shall be 1-1/2" for 10d nails; 1-5/8" for 16d and N16C-GC nails.
- 16d sinkers (9 gauge x 3-1/4" long) may be used at 0.84 of the table load where 16d commons are specified.
- For JUS, HUS, and MUS hangers: Nails must be driven at a 30° to 45° angle through the joist or truss into the header to achieve the table loads.
- WS15 Wood Screws are 1-1/4" x 1-1/2" long and are included with HDQ hangers.
- WS3 Wood Screws are 1-1/4" x 3" long and are included with HDQ hangers.



continued on next page

# FACE MOUNT HANGER CHARTS CONTINUED



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Joist Size	USP Stock No.	Ref. No.	Steel Gauge	Dimensions				Fastener Schedule <sup>2,3,4,6,7</sup>				Allowable Loads (Lbs.)				Code Ref.	
				W	H	D	A	Header		Joist		DF-L / SP					
								Qty	Nail	Qty	Nail	Floor		Roof			Uplift <sup>1</sup>
				100%	115%	125%	160%										
3 x 16	SUH314	U314	16	2-9/16	10-9/16	2	1-1/8	16	10d	6	10d x 1-1/2	1855	2135	2320	1085	2, F20, R12	
	HD312	HU312	14	2-9/16	10-9/16	2	1-1/8	16	16d	6	10d x 1-1/2	2210	2505	2505	1085		
	HD314	HU314	14	2-9/16	9-5/16	2-1/2	1-1/8	16	16d	10	10d x 1-1/2	2255	2595	2820	1065		
	HD316	HU316	14	2-9/16	11-5/16	2-1/2	1-1/8	20	16d	10	10d x 1-1/2	2820	3245	3525	1065		
(2) 3 x 8	HD38-2	HU38-2	14	5-1/8	6-1/8	2-1/2	1-1/8	14	16d	6	10d	1975	2270	2470	1140	5, F30, R5	
(2) 3 x 10	HD38-2	HU38-2	14	5-1/8	6-1/8	2-1/2	1-1/8	14	16d	6	10d	1975	2270	2470	1140		
(2) 3 x 12	HD310-2	HU310-2	14	5-1/8	8	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905		
(2) 3 x 14	HD310-2	HU310-2	14	5-1/8	8	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905		
(3) 2 x 6	JUS26-3	LUS26-3	18	4-5/8	4-1/2	2	1	4	16d	4	16d	1015	1170	1220	1355	6, F5, F15, D7, R13	
	SUH26-3	U26-3	16	4-5/8	5-1/4	2	1	8	10d	2	10d	930	1065	1160	370		2, F20, R12
	HD26-3	HU26-3	14	4-5/8	4-3/8	2-1/2	1-1/8	12	16d	6	10d	1690	1945	2095	1140		
(3) 2 x 8	JUS26-3	LUS26-3	18	4-5/8	4-1/2	2	1	4	16d	4	16d	1015	1170	1220	1355	6, F5, F15, D7, R13	
	JUS28-3	LUS28-3	18	4-5/8	6-3/8	2	1	6	16d	4	16d	1290	1485	1615	1355		
	SUH26-3	U26-3	16	4-5/8	5-1/4	2	1	8	10d	2	10d	930	1065	1160	370		2, F20, R12
	HD26-3	HU26-3	14	4-5/8	4-3/8	2-1/2	1-1/8	12	16d	6	10d	1690	1945	2095	1140		
	HD28-3	---	---	14	4-5/8	6-3/8	2-1/2	1-1/8	12	16d	6	10d	1690	1945	2115		1140
(3) 2 x 10	JUS28-3	LUS28-3	18	4-5/8	6-3/8	2	1	6	16d	4	16d	1290	1485	1615	1355	6, F5, F15, D7, R13	
	JUS210-3	LUS210-3	18	4-5/8	8-3/8	2	1	8	16d	6	16d	1800	2070	2250	1980		
	SUH210-3	U210-3	16	4-5/8	8-3/8	2	1	14	10d	6	10d	1625	1870	2030	1115		2, F20, R12
	HD210-3	---	---	14	4-5/8	8-3/8	2	1	14	16d	6	10d	1930	2220	2415		
	HD28-3	---	---	14	4-5/8	6-3/8	2-1/2	1-1/8	12	16d	6	10d	1690	1945	2115		1140
	HD210-3	HU210-3	14	4-5/8	8-1/4	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905		
HDQ210-3IF	HUCQ210-3-SDS	14	4-5/8	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975	110		
(3) 2 x 12	JUS210-3	LUS210-3	18	4-5/8	8-3/8	2	1	8	16d	6	16d	1800	2070	2250	1980	6, F5, F15, D7, R13	
	SUH210-3	U210-3	16	4-5/8	8-3/8	2	1	14	10d	6	10d	1625	1870	2030	1115		2, F20, R12
	HD210-3	HU210-3	14	4-5/8	8-3/8	2	1	14	16d	6	10d	1930	2220	2415	1115		
	HDQ210-3IF	HUCQ210-3-SDS	14	4-5/8	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975		110
	HD212-3	HU212-3	14	4-5/8	10-1/4	2-1/2	1-1/8	22	16d	10	10d	3100	3565	3880	1905		
(3) 2 x 14	JUS210-3	LUS210-3	18	4-5/8	8-3/8	2	1	8	16d	6	16d	1800	2070	2250	1980	6, F5, F15, D7, R13	
	SUH210-3	U210-3	16	4-5/8	8-3/8	2	1	14	10d	6	10d	1625	1870	2030	1115		2, F20, R12
	HD210-3	HU210-3	14	4-5/8	8-3/8	2	1	14	16d	6	10d	1930	2220	2415	1115		
	HDQ210-3IF	HUCQ210-3-SDS	14	4-5/8	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975		110
	HD212-3	HU212-3	14	4-5/8	10-1/4	2-1/2	1-1/8	22	16d	10	10d	3100	3565	3880	1905		
	HD214-3	HU214-3	14	4-5/8	12-1/4	2-1/2	1-1/8	24	16d	10	10d	3385	3890	4230	1905		
	HD216-3	HU216-3	14	4-5/8	14-1/4	2-1/2	1-1/8	26	16d	12	10d	3665	4215	4570	2285		
(4) 2 x 10	HD210-4	HU210-4	14	6-1/8	9	3-1/4	2	24	16d	6	10d	3385	3890	4230	1140		
(4) 2 x 12	HD210-4	HU210-4	14	6-1/8	9	3-1/4	2	24	16d	6	10d	3385	3890	4230	1140		
(4) 2 x 14	HD210-4	HU210-4	14	6-1/8	9	3-1/4	2	24	16d	6	10d	3385	3890	4230	1140		
4 x 4	JUS44	LUS44	18	3-5/8	3-1/4	2	1	4	16d	2	16d	780	900	965	325	6, F5, R13	
	SUH44	U44	16	3-9/16	2-7/8	2	1-1/8	6	10d	2	10d	695	800	870	370		2, F20, R12
	HD44	HU44	14	3-9/16	2-7/8	2	1-1/8	6	16d	2	10d	830	950	1035	370		
	HD44	HU44	14	3-9/16	3-5/16	2-1/2	1-1/8	4	16d	2	10d	565	650	705	320		
4 x 6	JUS46	LUS46	18	3-5/8	5	2	1	4	16d	4	16d	1015	1170	1220	1355	6, F5, F15, D7, R13	
	SUH44	U44	16	3-9/16	2-7/8	2	1-1/8	6	10d	2	10d	695	800	870	370		2, F20, R12
	SUH46	U46	16	3-9/16	4-13/16	2	1-1/8	8	10d	4	10d	930	1065	1160	740		
	HD46	HU46	14	3-9/16	4-13/16	2	1-1/8	8	16d	4	10d	1105	1270	1380	740		
	HUS46	HUS46	14	3-5/8	5	2	1	4	16d	4	16d	1030	1185	1290	1115		
	HD46	HU46	14	3-9/16	4-15/16	2-1/2	1-1/8	12	16d	6	10d	1690	1945	2095	1140		

Hangers

continued on next page

Joist Size	USP Stock No.	Ref. No.	Steel Gauge	Dimensions				Fastener Schedule <sup>2,3,4,5,6</sup>				Allowable Loads (Lbs.)				Code Ref.
				W	H	D	A	Header		Joist		DF-L / SP				
								Qty	Nail	Qty	Nail	Floor	Roof		Uplift <sup>1</sup>	
				100%	115%	125%	160%									
4 x 8	JUS46	LUS46	18	3-5/8	5	2	1	4	16d	4	16d	1015	1170	1220	1355	6, F5,
	JUS48	LUS48	18	3-5/8	6-7/8	2	1	6	16d	4	16d	1290	1485	1615	1355	F15, D7, R13
	SUH46	U46	16	3-9/16	4-13/16	2	1-1/8	8	10d	4	10d	930	1065	1160	740	2, F20, R12
			16	3-9/16	4-13/16	2	1-1/8	8	16d	4	10d	1105	1270	1380	740	
	HUS46	HUS46	14	3-5/8	5	2	1	4	16d	4	16d	1030	1185	1290	1115	6, F18,
	HUS48	HUS48	14	3-5/8	7	2	1	6	16d	6	16d	1550	1780	1935	1810	F15, D2, R13
	HD46	HU46	14	3-9/16	4-15/16	2-1/2	1-1/8	12	16d	6	10d	1690	1945	2095	1140	5, F30, R5
HD48	HU48	14	3-9/16	6-7/8	2-1/2	1-1/8	14	16d	6	10d	1975	2270	2470	1140		
4 x 10	JUS48	LUS48	18	3-5/8	6-7/8	2	1	6	16d	4	16d	1290	1485	1615	1355	6, F5,
	JUS410	LUS410	18	3-5/8	8-7/8	2	1	8	16d	6	16d	1800	2070	2250	1980	F15, D7, R13
	SUH410	U410	16	3-9/16	8-3/8	2	1-1/8	14	10d	6	10d	1625	1870	2030	1115	2, F20, R12
			16	3-9/16	8-3/8	2	1-1/8	14	16d	6	10d	1930	2220	2415	1115	
	HUS48	HUS48	14	3-5/8	7	2	1	6	16d	6	16d	1550	1780	1935	1810	6, F18, F15, D2, R13
	HD48	HU48	14	3-9/16	6-7/8	2-1/2	1-1/8	14	16d	6	10d	1975	2270	2470	1140	5, F30, R5
	HUS410	HUS410	14	3-5/8	8-7/8	2	1	8	16d	8	16d	2065	2375	2580	2210	6, F18, F15, D2, R13
	HD410	HU410	14	3-9/16	8-13/16	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905	5, F30, R5
HDQ410IF	HUCQ410-SDS	14	3-9/16	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975	110	
4 x 12	JUS410	LUS410	18	3-5/8	8-7/8	2	1	8	16d	6	16d	1800	2070	2250	1980	6, F5, F15, D7, R13
	SUH410	U410	16	3-9/16	8-3/8	2	1-1/8	14	10d	6	10d	1625	1870	2030	1115	2, F20, R12
			16	3-9/16	8-3/8	2	1-1/8	14	16d	6	10d	1930	2220	2415	1115	F15, D2, R13
	HD48	HU48	14	3-9/16	6-7/8	2-1/2	1-1/8	14	16d	6	10d	1975	2270	2470	1140	5, F30, R5
	HUS410	HUS410	14	3-5/8	8-7/8	2	1	8	16d	8	16d	2065	2375	2580	2210	6, F18, F15, D2, R13
	HD410	HU410	14	3-9/16	8-13/16	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905	5, F30, R5
	HDQ410IF	HUCQ410-SDS	14	3-9/16	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975	110
	HUS412	HUS412	14	3-5/8	10-7/8	2	1	10	16d	10	16d	2580	2965	3225	3060	6, F18, F15, D2, R13
HDQ412IF	HUCQ412-SDS	14	3-9/16	11	3	1-1/2	14	WS3	6	WS3	5590	5590	5590	2975	110	
HD412	HU412	14	3-9/16	10-13/16	2-1/2	1-1/8	22	16d	10	10d	3100	3565	3880	1905	5, F30, R5	
4 x 14	JUS414	LUS414	18	3-5/8	12-7/8	2	1	12	16d	6	16d	2345	2700	2935	1980	6, F15, R13
	SUH414	U414	16	3-9/16	10-1/16	2	1-1/8	16	10d	6	10d	1855	2135	2320	1115	2, F20, R12
			16	3-9/16	10-1/16	2	1-1/8	16	16d	6	10d	2210	2540	2760	1115	
	HD410	HU410	14	3-9/16	8-13/16	2-1/2	1-1/8	18	16d	10	10d	2540	2920	3175	1905	5, F30, R5
	HDQ410IF	HUCQ410-SDS	14	3-9/16	9	3	1-1/2	12	WS3	6	WS3	5015	5590	5590	2975	110
	HUS412	HUS412	14	3-5/8	10-7/8	2	1	10	16d	10	16d	2580	2965	3225	3060	6, F18, F15, D2, R13
	HDQ412IF	HUCQ412-SDS	14	3-9/16	11	3	1-1/2	14	WS3	6	WS3	5590	5590	5590	2975	110
	HD412	HU412	14	3-9/16	10-13/16	2-1/2	1-1/8	22	16d	10	10d	3100	3565	3880	1905	5, F30, R5
HD414	HU414	14	3-9/16	12-13/16	2-1/2	1-1/8	24	16d	10	10d	3385	3890	4230	1905	5, F30, R5	
4 x 16	JUS414	LUS414	18	3-5/8	12-7/8	2	1	12	16d	6	16d	2345	2700	2935	1980	6, F15, R13
	SUH414	U414	16	3-9/16	10-1/16	2	1-1/8	16	10d	6	10d	1855	2135	2320	1115	2, F20, R12
			16	3-9/16	10-1/16	2	1-1/8	16	16d	6	10d	2210	2540	2760	1115	
	HD412	HU412	14	3-9/16	10-13/16	2-1/2	1-1/8	22	16d	10	10d	3100	3565	3880	1905	5, F30, R5
	HDQ412IF	HUCQ412-SDS	14	3-9/16	11	3	1-1/2	14	WS3	6	WS3	5590	5590	5590	2975	110
	HD414	HU414	14	3-9/16	12-13/16	2-1/2	1-1/8	24	16d	10	10d	3385	3890	4230	1905	
HD416	HU416	14	3-9/16	14-13/16	2-1/2	1-1/8	26	16d	12	10d	3665	4215	4570	2285	5, F30, R5	
4 x 18	HD414	HU414	14	3-9/16	12-13/16	2-1/2	1-1/8	24	16d	10	10d	3385	3890	4230	1905	
	HD416	HU416	14	3-9/16	14-13/16	2-1/2	1-1/8	26	16d	12	10d	3665	4215	4570	2285	
	HD418	--	14	3-9/16	16-1/2	2-1/2	1-1/4	28	16d	8	10d	3950	4540	4570	1425	

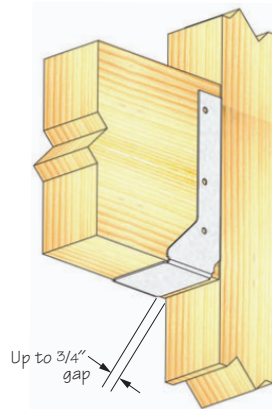
1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.  
2) 10d x 1-1/2" nails are 9 gauge (0.148" diameter) by 1-1/2" long.  
3) Minimum nail embedment shall be 1-1/2" for 10d nails and 1-5/8" for 16d nails.  
4) 16d sinkers (9 gauge x 3-1/4" long) may be used at 0.84 of the table load where 16d commons are specified.  
5) WS15 Wood Screws are 1-1/4" x 1-1/2" long and are included with HDQ hangers.  
6) WS3 Wood Screws are 1-1/4" x 3" long and are included with HDQ hangers.

HDQ hangers are heavy-duty face mount hangers that can be used to support LVL, LSL and PSL beams and headers.

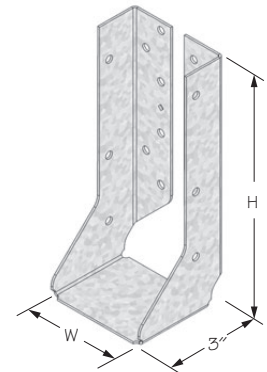
**Materials:** 14 gauge  
**Finish:** G90 galvanizing

**Installation:**

- Use all specified fasteners. See Product Notes, page 11.
- WS15 and WS3 Wood Screws are supplied with HDQ hangers.



**Typical HDQ installation**



**HDQ**

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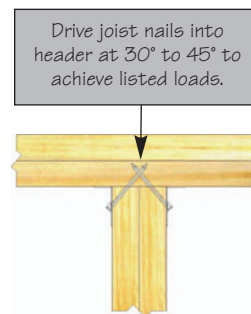
## FACE MOUNT HANGERS – HUS SERIES

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

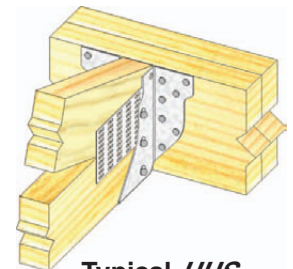
**Materials:** 16 gauge  
**Finish:** G90 galvanizing  
**Options:** See Specialty Options chart.  
**Codes:** ESR-1881, FL9835, FL821  
 Dade County FL 06-0921.05,  
**L.A. City RR 25779**

**Installation:**

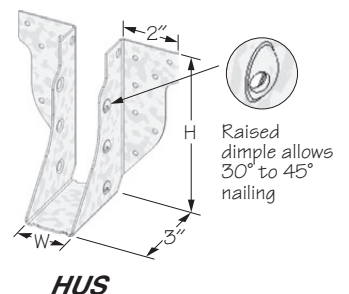
- Use all specified fasteners. See Product Notes, page 11.
- Joist nails must be driven at a 30° to 45° angle through the joist into the header to achieve listed loads.



**Typical HUS double shear installation**



**Typical HUS installation**



**HUS**

**Specialty Options Chart** – refer to Specialty Options pages 194 to 195 for additional details.

Option	Inverted Flange
Range	Not available in widths less than 2-1/4"
Allowable Loads	100% of table load. 65% of table load when nailing into the support members end grain.
Ordering	Add <i>I</i> to product number. Example: HUS410IF

# EWP FACE MOUNT HANGERS – SCL CHARTS



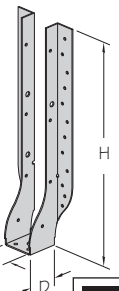
EWP Hangers

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Joist Size	USP Stock No.	Ref. No.	Web Stiffener Requi.	Steel Gauge	Dimensions			Fastener Schedule <sup>4</sup>				Allowable Loads (Lbs.)								Code Ref.
					W	H	D	Header <sup>2</sup>		Joist <sup>1</sup>		DF-L / SP Header				S-P-F Header				
								Qty	Type	Qty	Type	100%	115%	125%	160%	Uplift <sup>3</sup>	100%	115%	125%	
1-3/4 x 7-1/4	HD1770	HU7	x	14	1-13/16	7-1/8	2	14	16d	4	10d x 1-1/2	1975	2270	2335	730	1695	1945	1960	635	5, F30, R5
1-3/4 x 9-1/2	HD17925	HU9, MIU1.81/9	x	14	1-13/16	9-1/8	2	18	16d	6	10d x 1-1/2	2540	2775	2775	1065	2080	2170	2230	895	110
	HDQ1791F	HUCQ1.81/9-SDS	x	14	1-13/16	9	3	8	WS3	4	WS15	3010	3380	3380	<b>1050</b>	2840	2840	2840	990	6, F15, F18, D2, R13
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	30	16d	10	16d	5310	5510	5510	3205	4410	4630	4630	2690	5, F30, R5
1-3/4 x 11-1/4 - 11-7/8	HD17112	HU11, MIU1.81/11	x	14	1-13/16	11-3/8	2	22	16d	6	10d x 1-1/2	2870	2975	3045	1065	2080	2170	2230	895	110
	HDQ17112IF	HUCQ1.81/11-SDS	x	14	1-13/16	11	3	10	WS3	6	WS15	3340	3340	3340	<b>1575</b>	2805	2805	2805	1325	6, F15, F18, D2, R13
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	30	16d	10	16d	5310	5510	5510	3205	4410	4630	4630	2690	5, F30, R5
1-3/4 x 14	HD1714	HU14, MIU1.81/14, MIU1.81/16, MIU1.81/18, U14	x	14	1-13/16	13-5/16	2	26	16d	8	10d x 1-1/2	3100	3235	3330	1065	2280	2400	2480	895	110
	HDQ1714IF	--	x	14	1-13/16	13-3/8	3	12	WS3	6	WS15	3340	3340	3340	1580	2805	2805	2805	1325	6, F15, F18, D2, R13
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	30	16d	10	16d	5310	5510	5510	3205	4410	4630	4630	2690	5, F30, R5
1-3/4 x 16	HD1714	HU14, MIU1.81/14, MIU1.81/16, MIU1.81/18, U14	x	14	1-13/16	13-5/16	2	26	16d	8	10d x 1-1/2	3100	3235	3330	1065	2280	2400	2480	895	110
	HDQ1714IF	--	x	14	1-13/16	13-3/8	3	12	WS3	6	WS15	3340	3340	3340	1580	2805	2805	2805	1325	6, F15, F18, D2, R13
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	30	16d	10	16d	5310	5510	5510	3205	4410	4630	4630	2690	5, F30, R5
2-11/16 x 9-1/4 - 14	HD27925	HU2.75/10	x	14	2-3/4	8-5/8	2	18	16d	6	10d x 1-1/2	2540	2775	2775	1065	2180	2330	2330	895	5, F30, R5
	THDH27925	HGUS2.75/10	x	12	2-3/4	9-1/8	4	46	16d	12	16d	8260	8260	8260	3490	6935	6935	6935	2930	6, F15, F18, D2, R13
2-11/16 x 11-1/4 - 16	HD27112	HU2.75/12	x	14	2-3/4	10-7/8	2	22	16d	6	10d x 1-1/2	3100	3565	3610	1065	2660	2965	3025	895	5, F30, R5
	THDH27112	HGUS2.75/12	x	12	2-3/4	10-7/8	4	56	16d	14	16d	9845	9845	9845	5225	7655	8135	8270	4390	6, F15, R13
2-11/16 x 14 - 16	HD2714	HU2.75/14	x	14	2-3/4	12-7/8	2	26	16d	8	10d x 1-1/2	3610	3610	3610	1065	3030	3030	3030	895	5, F30, R5
	THDH2714	HGUS2.75/14	x	12	2-3/4	12-1/4	4	66	16d	16	16d	9845	9845	9845	6810	8110	8270	8270	5835	6, F15, R13
3-1/2 x 9-1/4 - 14	HD410	HU410, MIU3.56/9	x	14	3-9/16	8-13/16	2-1/2	18	16d	10	10d	2540	2920	3175	1905	2180	2505	2725	1650	5, F30, R5
	HDQ410IF	HUCQ410-SDS	x	14	3-9/16	9	3	12	WS3	6	WS3	4510	5190	5590	2975	4430	4695	4695	2500	110
	THD410	HHUS410	x	14	3-5/8	9-1/16	3	38	16d	20	10d	5360	6160	6700	3810	4600	5290	5750	3235	5, F18, F30, D2, R5
	THDH410	HGUS410	x	12	3-9/16	9-1/8	4	46	16d	12	16d	8260	9010	9010	3970	7120	7570	7570	3335	6, F18, F15, D2, R13
3-1/2 x 11-1/4 - 16	HD412	HU412, MIU3.56/11	x	14	3-9/16	10-13/16	2-1/2	22	16d	10	10d	3100	3565	3880	1905	2660	3060	3330	1650	5, F30, R5
	HDQ412IF	HUCQ412-SDS	x	14	3-9/16	11	3	14	WS3	6	WS3	5265	5590	5590	2975	4695	4695	4695	2500	110
	THD412	--	x	14	3-5/8	11	3	48	16d	20	10d	6770	7045	7045	3810	5810	5920	5920	3235	5, F18, F30, D2, R5
	THDH412	HGUS412	x	12	3-9/16	10-1/2	4	56	16d	14	16d	9845	9845	9845	5225	8270	8270	8270	4390	6, F15, R13

1) 10d x 1-1/2 nails are 9 gauge (0.148" diameter) by 1-1/2" long.  
 2) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.  
 3) Minimum nail penetration shall be 1-1/2" for 10d nails and 1-5/8" for 16d nails.  
 4) WS3 Wood Screws are 1/4" x 3" and are included with HDQ hangers.

**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 bold font.



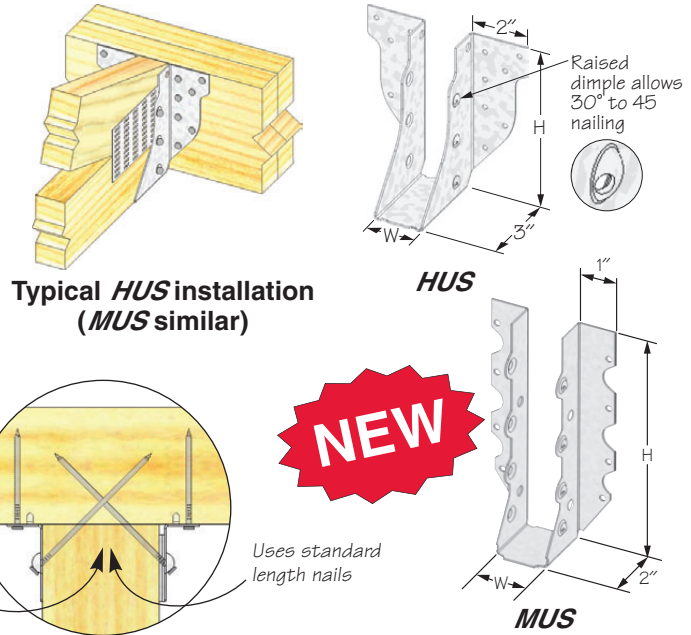
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The MUS & HUS hanger series offers double shear nailing. USP's raised dimple allows for 30° to 45° nailing through the joist into header, resulting in higher loads and less nailing.

**Materials:** See chart  
**Finish:** G90 galvanizing  
**Codes:** ESR-1881, FL9835, Dade County, FL 06-0921.05

**Installation:**

- Use all specified fasteners. See Product Notes, page 11.
  - Joist nails must be driven in at a 30° to 45° angle through the joist or truss into the header to achieve listed loads.
- Standard length "double shear" nails must be used to achieve listed load values.**



Double shear nail design features fewer nails and faster installation

Uses standard length nails

See EWP applications pages 121-122.

Joist / Truss Size	USP Stock No.	Ref. No.	Steel Gauge	Dimensions		Fastener Schedule <sup>2</sup>				Allowable Loads (Lbs.) <sup>4</sup>							Code Ref.	
				W	H	Header		Truss <sup>3</sup>		DF-L / SP			S-P-F					
						Qty	Type	Qty	Type	Floor	Roof	Uplift <sup>1</sup>	Floor	Roof	Uplift <sup>1</sup>			
2 x 6 - 8	<b>MUS26</b>	MUS26	18	1-9/16	5-1/16	6	10d	6	10d	1285	1475	1605	865	1100	1265	1375	725	110
	HUS26	HUS26	16	1-5/8	5-7/16	14	16d	6	16d	2635	3030	3295	1925	2260	2600	2810	1615	6, F15, F18, D2, R13
2 x 8 - 10	<b>MUS28</b>	MUS28	18	1-9/16	7-1/16	8	10d	8	10d	1710	1970	2140	1230	1465	1685	1830	1035	110
	HUS28	HUS28	16	1-5/8	7-3/16	22	16d	8	16d	3970	4345	4345	2570	3410	3650	3650	2160	6, F15, F18, D2, R13
2 x 10 - 12	HUS210	HUS210	16	1-5/8	9-3/16	30	16d	10	16d	5310	5510	5510	3205	4095	4420	4630	2690	
1-3/4 x 5-1/2 - 7-1/4	HUS175	HU1.81/5	16	1-13/16	5-3/8	14	16d	6	16d	2635	3030	3295	1925	2260	2600	2810	1615	
1-3/4 x 7-1/4 - 11-1/4	HUS177	--	16	1-13/16	7-1/8	22	16d	8	16d	3975	4345	4345	2570	3410	3650	3650	2160	
1-3/4 x 9-1/4 - 14	HUS179	HUS1.81/10	16	1-13/16	9-1/8	30	16d	10	16d	5310	5510	5510	3205	4410	4630	4630	2690	

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.  
 2) Minimum nail penetration is 1-5/8" for 16d nails.  
 3) Nails must be driven at a 30° to 45° angle through joist or truss into header to achieve the table loads.  
 4) HUS175, HUS177, and HUS179 load values assume the joist is 1-3/4" wide and has a bearing strength of not less than 675 psi.  
 New products or updated product information are designated in **bold font**.

## BUTTERFLY HANGER – CLPBF

The butterfly hanger's flared header flange design allows for added nailing. Excellent truss-to-truss hanger for 2x4 purlin or truss bottom chords.

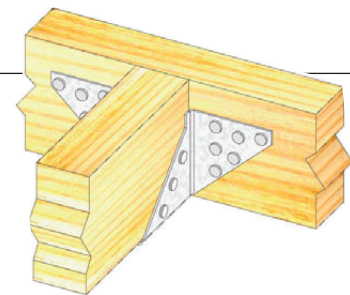
**Materials:** 18 gauge  
**Finish:** G90 galvanizing  
**Codes:** ESR-1881, FL574, Dade County, FL 08-0206.07

**Installation:**

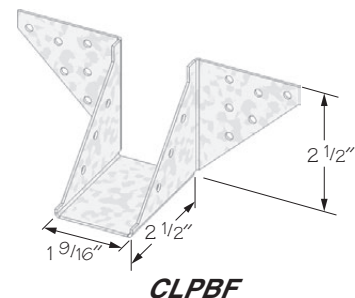
- Use all specified fasteners. See Product Notes, page 11.

Joist Size	USP Stock No.	Ref. No.	Steel Gauge	Fastener Schedule <sup>2</sup>				Allowable Loads (Lbs.)				Code Ref.
				Header		Joist		DF-L / SP				
				Qty	Type	Qty	Type	Floor	Roof	Uplift <sup>1</sup>		
2 x 4	CLPBF	--	18	12	10d	6	10d x 1-1/2	815	815	815	215	6, F7, F15, D11, R13

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.  
 2) Minimum nail embedment shall be 1-1/2" for 10d nails.



Typical CLPBF installation



CLPBF