



HD Heavy-Duty Face Mount Hangers

HD hangers are heavy-duty face mount hangers that can be used to support headers, joists, and trusses.

Materials: 14 gauge

Finish: G90 galvanizing

Options: See current catalogue for options.

Codes: Load values are derived from data submitted to various North American building code evaluators.



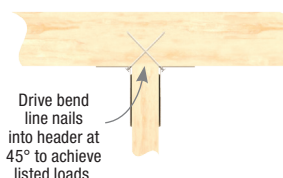
Typical HD210-2 installation



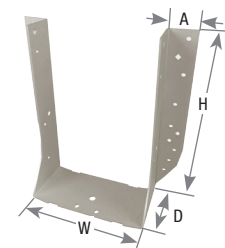
Typical HD610 installation

Installation:

- Use all specified fasteners.
- Some HD models feature nail holes along bend line that must be filled to achieve factored resistance. Verify proper header width to accomplish this for inverted models.



Drive bend line nails into header at 45° to achieve listed loads.



HD610

Typical HD bend line nail installation

USP Stock No.	Dimensions (in)				Fastener Schedule ^{2,3}				DF Factored Resistance				S-P-F Factored Resistance			
	W	H	D	A	Header		Joist		Lbs		kN		Lbs		kN	
					Qty	Type	Qty	Type	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹
HD26	1-9/16	3-1/2	2	1-1/8	4	16d	2	10d x 1-1/2	1975	545	8.79	2.42	1550	430	6.89	1.91
HD28	1-9/16	5-1/4	2	1-1/8	8	16d	4	10d x 1-1/2	2720	1555	12.10	6.92	2135	1220	9.50	5.43
HD210	1-9/16	7-3/16	2	1-1/8	12	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD212	1-9/16	9-1/4	2	1-1/8	16	16d	6	10d x 1-1/2	4545	2005	20.22	8.92	3565	1575	15.86	7.01
HD214	1-9/16	11-1/2	2	1-1/8	20	16d	6	10d x 1-1/2	5915	2005	26.31	8.92	4640	1575	20.64	7.01
HD216	1-9/16	13-1/2	2	1-1/8	24	16d	8	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD1770	1-13/16	7-1/8	2	1-1/8	14	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD17925	1-13/16	9-1/8	2	1-1/8	18	16d	6	10d x 1-1/2	5710	2005	25.40	8.92	4485	1575	19.95	7.01
HD17112	1-13/16	11-3/8	2	1-1/8	22	16d	6	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD1714	1-13/16	13-5/16	2	1-1/8	26	16d	8	10d x 1-1/2	5925	3190	26.36	14.19	4655	2505	20.71	11.14
HD34	2-9/16	3	2	1-1/8	4	16d	2	10d x 1-1/2	1975	545	8.79	2.42	1550	430	6.89	1.91
HD36	2-9/16	4-3/4	2	1-1/8	8	16d	4	10d x 1-1/2	2720	1555	12.10	6.92	2135	1220	9.50	5.43
HD38	2-9/16	6-3/4	2	1-1/8	12	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD310	2-9/16	7-7/16	2-1/2	1-1/8	14	16d	6	10d x 1-1/2	3820	2185	16.99	9.72	3000	1715	13.34	7.63
HD312	2-9/16	9-5/16	2-1/2	1-1/8	16	16d	10	10d x 1-1/2	4545	3190	20.22	14.19	3565	2505	15.86	11.14
HD314	2-9/16	11-5/16	2-1/2	1-1/8	20	16d	10	10d x 1-1/2	5915	3190	26.31	14.19	4640	2505	20.64	11.14
HD316	2-9/16	13-5/16	2-1/2	1-1/8	24	16d	10	10d x 1-1/2	6435	4015	28.62	17.86	5055	3150	22.49	14.01
HD27925	2-3/4	8-5/8	2	1-1/8	18	16d	6	10d x 1-1/2	5710	2185	25.40	9.72	4485	1715	19.95	7.63
HD27112	2-3/4	10-7/8	2	1-1/8	22	16d	6	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD2714	2-3/4	12-7/8	2	1-1/8	26	16d	8	10d x 1-1/2	5925	3190	26.36	14.19	4655	2505	20.71	11.14
HD24-2	3-1/8	3-1/2	2-1/2	1-1/8	4	16d	2	10d	1535	690	6.83	3.07	1205	545	5.36	2.42
HD26-2	3-1/8	5-1/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD28-2	3-1/8	7-1/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD210-2	3-1/8	9	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD212-2	3-1/8	11	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD214-2	3-1/8	13	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD216-2	3-1/8	15	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97

1) Factored uplift resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
 2) 16d sinkers (0.148 dia. x 3-1/4" long) may be used at 0.86 of the table load where 16d commons are specified.
 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.
 New products or updated product information are designated in blue font.

Use in conjunction with USP's current Canadian Product Catalogue for detailed hanger information.

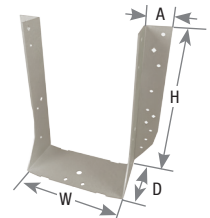


HD Heavy-Duty Face Mount Hangers



USP Stock No.	Dimensions (in)				Fastener Schedule ^{2,3}				DF Factored Resistance				S-P-F Factored Resistance			
	W	H	D	A	Header		Joist		Lbs		kN		Lbs		kN	
					Qty	Type	Qty	Type	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹
HD44	3-9/16	3-5/16	2-1/2	1-1/8	4	16d	2	10d	1535	945	6.83	4.20	1205	740	5.36	3.29
HD46	3-9/16	4-15/16	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD48	3-9/16	6-7/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD410	3-9/16	8-13/16	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD412	3-9/16	10-13/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD414	3-9/16	12-13/16	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD416	3-9/16	14-13/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD418	3-9/16	16-1/2	2-1/2	1-1/4	28	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD26-3	4-5/8	4-3/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD28-3	4-5/8	6-3/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD210-3	4-5/8	8-1/4	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD212-3	4-5/8	10-1/4	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD214-3	4-5/8	12-1/4	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD216-3	4-5/8	14-1/4	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD38-2	5-1/8	6-1/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD310-2	5-1/8	8	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD312-2	5-1/8	10	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD5210	5-3/8	7-7/8	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD5212	5-3/8	9-7/8	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD5214	5-3/8	11-7/8	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD5216	5-3/8	13-7/8	2-1/2	1-1/8	30	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD66	5-1/2	3-15/16	2-1/2	1-1/8	12	16d	6	10d	4920	2685	21.89	11.94	3865	2105	17.19	9.36
HD68	5-1/2	5-15/16	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD610	5-1/2	7-13/16	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD612	5-1/2	9-13/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD614	5-1/2	11-13/16	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD616	5-1/2	13-13/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD28-4	6-1/8	7-1/8	2-1/2	1-3/4	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD210-4	6-1/8	9	3-1/4	2	24	16d	6	10d	7485	2685	33.29	11.94	5875	2105	26.13	9.36
HD7100	7-1/8	9	2-1/2	1-1/4	12	16d	6	10d	4920	2685	21.89	11.94	3865	2105	17.19	9.36
HD7120	7-1/8	10-5/8	2-1/2	1-1/4	16	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD7140	7-1/8	13-1/8	2-1/2	1-1/4	20	16d	8	10d	7485	2685	33.29	11.94	5875	2105	26.13	9.36
HD7160	7-1/8	15-5/8	2-1/2	1-1/4	24	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD7180	7-1/8	17-3/4	2-1/2	1-1/4	28	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD86	7-1/2	5-1/8	2-1/2	1-1/2	10	16d	4	16d	3410	1505	15.17	6.69	2680	1180	11.92	5.25
HD88	7-1/2	6-5/8	2-1/2	1-1/2	14	16d	6	16d	5100	2685	22.69	11.94	4005	2105	17.82	9.36
HD810	7-1/2	8-3/8	2-1/2	1-1/2	18	16d	8	16d	4930	2685	21.93	11.94	3870	2105	17.21	9.36
HD812	7-1/2	10-1/8	2-1/2	1-1/2	22	16d	8	16d	4930	2685	21.93	11.94	3870	2105	17.21	9.36
HD814	7-1/2	11-7/8	2-1/2	1-1/2	24	16d	12	16d	4930	5260	21.93	23.40	3870	4130	17.21	18.37
HD816	7-1/2	13-5/8	2-1/2	1-1/2	26	16d	12	16d	4930	5260	21.93	23.40	3870	4130	17.21	18.37
Glulam Sizes																
HD32105	3-1/4	9-15/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD3212	3-1/4	11-7/8	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD5112	5-1/4	9-15/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD51135	5-1/4	12-15/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97

- 1) Factored uplift resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
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 - 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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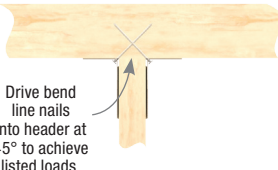


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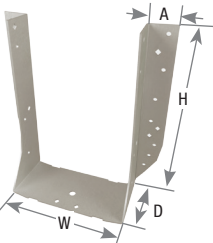


Typical HD610 installation

- Installation:**
- Use all specified fasteners.
 - Some HD models feature nail holes along bend line that must be filled to achieve factored resistance. Verify proper header width to accomplish this for inverted models.



Drive bend line nails into header at 45° to achieve listed loads.



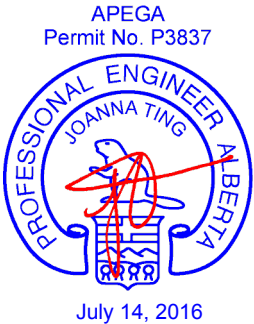
HD610

Typical HD bend line nail installation

USP Stock No.	Dimensions (in)				Fastener Schedule ^{2,3}				DF Factored Resistance				S-P-F Factored Resistance			
	W	H	D	A	Header		Joist		Lbs		kN		Lbs		kN	
					Qty	Type	Qty	Type	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹
HD26	1-9/16	3-1/2	2	1-1/8	4	16d	2	10d x 1-1/2	1975	545	8.79	2.42	1550	430	6.89	1.91
HD28	1-9/16	5-1/4	2	1-1/8	8	16d	4	10d x 1-1/2	2720	1555	12.10	6.92	2135	1220	9.50	5.43
HD210	1-9/16	7-3/16	2	1-1/8	12	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD212	1-9/16	9-1/4	2	1-1/8	16	16d	6	10d x 1-1/2	4545	2005	20.22	8.92	3565	1575	15.86	7.01
HD214	1-9/16	11-1/2	2	1-1/8	20	16d	6	10d x 1-1/2	5915	2005	26.31	8.92	4640	1575	20.64	7.01
HD216	1-9/16	13-1/2	2	1-1/8	24	16d	8	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD1770	1-13/16	7-1/8	2	1-1/8	14	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD17925	1-13/16	9-1/8	2	1-1/8	18	16d	6	10d x 1-1/2	5710	2005	25.40	8.92	4485	1575	19.95	7.01
HD17112	1-13/16	11-3/8	2	1-1/8	22	16d	6	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD1714	1-13/16	13-5/16	2	1-1/8	26	16d	8	10d x 1-1/2	5925	3190	26.36	14.19	4655	2505	20.71	11.14
HD34	2-9/16	3	2	1-1/8	4	16d	2	10d x 1-1/2	1975	545	8.79	2.42	1550	430	6.89	1.91
HD36	2-9/16	4-3/4	2	1-1/8	8	16d	4	10d x 1-1/2	2720	1555	12.10	6.92	2135	1220	9.50	5.43
HD38	2-9/16	6-3/4	2	1-1/8	12	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD310	2-9/16	7-7/16	2-1/2	1-1/8	14	16d	6	10d x 1-1/2	3820	2185	16.99	9.72	3000	1715	13.34	7.63
HD312	2-9/16	9-5/16	2-1/2	1-1/8	16	16d	10	10d x 1-1/2	4545	3190	20.22	14.19	3565	2505	15.86	11.14
HD314	2-9/16	11-5/16	2-1/2	1-1/8	20	16d	10	10d x 1-1/2	5915	3190	26.31	14.19	4640	2505	20.64	11.14
HD316	2-9/16	13-5/16	2-1/2	1-1/8	24	16d	10	10d x 1-1/2	6435	4015	28.62	17.86	5055	3150	22.49	14.01
HD27925	2-3/4	8-5/8	2	1-1/8	18	16d	6	10d x 1-1/2	5710	2185	25.40	9.72	4485	1715	19.95	7.63
HD27112	2-3/4	10-7/8	2	1-1/8	22	16d	6	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD2714	2-3/4	12-7/8	2	1-1/8	26	16d	8	10d x 1-1/2	5925	3190	26.36	14.19	4655	2505	20.71	11.14
HD24-2	3-1/8	3-1/2	2-1/2	1-1/8	4	16d	2	10d	1535	690	6.83	3.07	1205	545	5.36	2.42
HD26-2	3-1/8	5-1/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD28-2	3-1/8	7-1/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD210-2	3-1/8	9	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD212-2	3-1/8	11	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD214-2	3-1/8	13	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD216-2	3-1/8	15	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97

1) Factored uplift resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
 2) 16d sinkers (0.148 dia. x 3-1/4" long) may be used at 0.86 of the table load where 16d commons are specified.
 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. New products or updated product information are designated in blue font.

Use in conjunction with USP's current Canadian Product Catalogue for detailed hanger information.



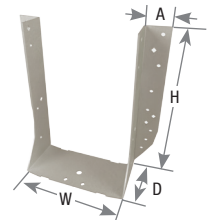
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HD Heavy-Duty Face Mount Hangers



USP Stock No.	Dimensions (in)				Fastener Schedule ^{2,3}				DF Factored Resistance				S-P-F Factored Resistance			
	W	H	D	A	Header		Joist		Lbs		kN		Lbs		kN	
					Qty	Type	Qty	Type	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹
HD44	3-9/16	3-5/16	2-1/2	1-1/8	4	16d	2	10d	1535	945	6.83	4.20	1205	740	5.36	3.29
HD46	3-9/16	4-15/16	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD48	3-9/16	6-7/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD410	3-9/16	8-13/16	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD412	3-9/16	10-13/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD414	3-9/16	12-13/16	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD416	3-9/16	14-13/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD418	3-9/16	16-1/2	2-1/2	1-1/4	28	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD26-3	4-5/8	4-3/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD28-3	4-5/8	6-3/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD210-3	4-5/8	8-1/4	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD212-3	4-5/8	10-1/4	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD214-3	4-5/8	12-1/4	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD216-3	4-5/8	14-1/4	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD38-2	5-1/8	6-1/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD310-2	5-1/8	8	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD312-2	5-1/8	10	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD5210	5-3/8	7-7/8	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD5212	5-3/8	9-7/8	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD5214	5-3/8	11-7/8	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD5216	5-3/8	13-7/8	2-1/2	1-1/8	30	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD66	5-1/2	3-15/16	2-1/2	1-1/8	12	16d	6	10d	4920	2685	21.89	11.94	3865	2105	17.19	9.36
HD68	5-1/2	5-15/16	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD610	5-1/2	7-13/16	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD612	5-1/2	9-13/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD614	5-1/2	11-13/16	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD616	5-1/2	13-13/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD28-4	6-1/8	7-1/8	2-1/2	1-3/4	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD210-4	6-1/8	9	3-1/4	2	24	16d	6	10d	7485	2685	33.29	11.94	5875	2105	26.13	9.36
HD7100	7-1/8	9	2-1/2	1-1/4	12	16d	6	10d	4920	2685	21.89	11.94	3865	2105	17.19	9.36
HD7120	7-1/8	10-5/8	2-1/2	1-1/4	16	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD7140	7-1/8	13-1/8	2-1/2	1-1/4	20	16d	8	10d	7485	2685	33.29	11.94	5875	2105	26.13	9.36
HD7160	7-1/8	15-5/8	2-1/2	1-1/4	24	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD7180	7-1/8	17-3/4	2-1/2	1-1/4	28	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD86	7-1/2	5-1/8	2-1/2	1-1/2	10	16d	4	16d	3410	1505	15.17	6.69	2680	1180	11.92	5.25
HD88	7-1/2	6-5/8	2-1/2	1-1/2	14	16d	6	16d	5100	2685	22.69	11.94	4005	2105	17.82	9.36
HD810	7-1/2	8-3/8	2-1/2	1-1/2	18	16d	8	16d	4930	2685	21.93	11.94	3870	2105	17.21	9.36
HD812	7-1/2	10-1/8	2-1/2	1-1/2	22	16d	8	16d	4930	2685	21.93	11.94	3870	2105	17.21	9.36
HD814	7-1/2	11-7/8	2-1/2	1-1/2	24	16d	12	16d	4930	5260	21.93	23.40	3870	4130	17.21	18.37
HD816	7-1/2	13-5/8	2-1/2	1-1/2	26	16d	12	16d	4930	5260	21.93	23.40	3870	4130	17.21	18.37
Glulam Sizes																
HD32105	3-1/4	9-15/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD3212	3-1/4	11-7/8	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD5112	5-1/4	9-15/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD51135	5-1/4	12-15/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97

- 1) Factored uplift resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
 - 2) 16d sinkers (0.148 dia. x 3-1/4" long) may be used at 0.86 of the table load where 16d commons are specified.
 - 3) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.
- New products or updated product information are designated in **blue font**.



Use in conjunction with USP's current Canadian Product Catalogue for detailed hanger information.



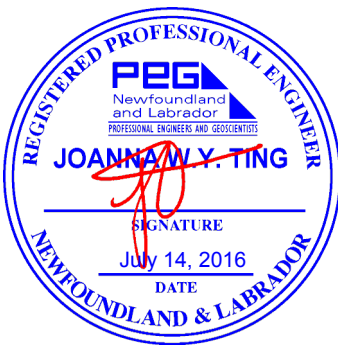
HD Heavy-Duty Face Mount Hangers

APENS
Permit No. 15800 0

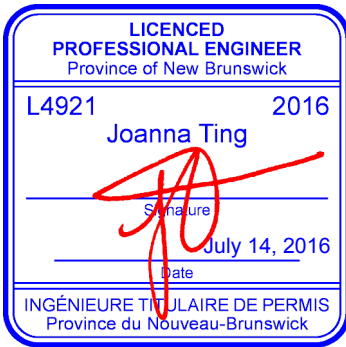


July 14, 2016

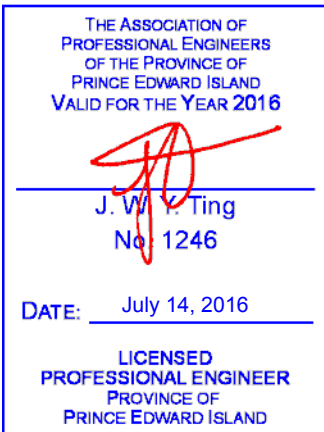
PEG
Permit No. D0027



APEGNB
Certificate No. F0649



APEPEI
Permit No. A195



HD hangers are heavy-duty face mount hangers that can be used to support headers, joists, and trusses.

- Materials:** 14 gauge
- Finish:** G90 galvanizing
- Options:** See current catalogue for options.
- Codes:** Load values are derived from data submitted to various North American building code evaluators.

Installation:

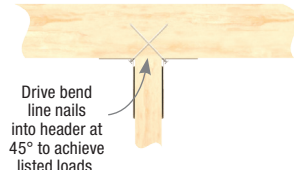
- Use all specified fasteners.
- Some HD models feature nail holes along bend line that must be filled to achieve factored resistance. Verify proper header width to accomplish this for inverted models.



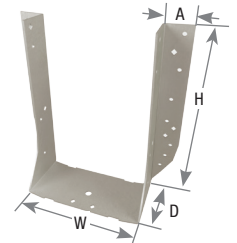
Typical HD210-2 installation



Typical HD610 installation



Drive bend line nails into header at 45° to achieve listed loads.



HD610

Typical HD bend line nail installation

USP Stock No.	Dimensions (in)				Fastener Schedule ^{2,3}				DF Factored Resistance				S-P-F Factored Resistance			
	W	H	D	A	Header		Joist		Lbs		kN		Lbs		kN	
					Qty	Type	Qty	Type	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹
HD26	1-9/16	3-1/2	2	1-1/8	4	16d	2	10d x 1-1/2	1975	545	8.79	2.42	1550	430	6.89	1.91
HD28	1-9/16	5-1/4	2	1-1/8	8	16d	4	10d x 1-1/2	2720	1555	12.10	6.92	2135	1220	9.50	5.43
HD210	1-9/16	7-3/16	2	1-1/8	12	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD212	1-9/16	9-1/4	2	1-1/8	16	16d	6	10d x 1-1/2	4545	2005	20.22	8.92	3565	1575	15.86	7.01
HD214	1-9/16	11-1/2	2	1-1/8	20	16d	6	10d x 1-1/2	5915	2005	26.31	8.92	4640	1575	20.64	7.01
HD216	1-9/16	13-1/2	2	1-1/8	24	16d	8	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD1770	1-13/16	7-1/8	2	1-1/8	14	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD17925	1-13/16	9-1/8	2	1-1/8	18	16d	6	10d x 1-1/2	5710	2005	25.40	8.92	4485	1575	19.95	7.01
HD17112	1-13/16	11-3/8	2	1-1/8	22	16d	6	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD1714	1-13/16	13-5/16	2	1-1/8	26	16d	8	10d x 1-1/2	5925	3190	26.36	14.19	4655	2505	20.71	11.14
HD34	2-9/16	3	2	1-1/8	4	16d	2	10d x 1-1/2	1975	545	8.79	2.42	1550	430	6.89	1.91
HD36	2-9/16	4-3/4	2	1-1/8	8	16d	4	10d x 1-1/2	2720	1555	12.10	6.92	2135	1220	9.50	5.43
HD38	2-9/16	6-3/4	2	1-1/8	12	16d	4	10d x 1-1/2	3820	1555	16.99	6.92	3000	1220	13.34	5.43
HD310	2-9/16	7-7/16	2-1/2	1-1/8	14	16d	6	10d x 1-1/2	3820	2185	16.99	9.72	3000	1715	13.34	7.63
HD312	2-9/16	9-5/16	2-1/2	1-1/8	16	16d	10	10d x 1-1/2	4545	3190	20.22	14.19	3565	2505	15.86	11.14
HD314	2-9/16	11-5/16	2-1/2	1-1/8	20	16d	10	10d x 1-1/2	5915	3190	26.31	14.19	4640	2505	20.64	11.14
HD316	2-9/16	13-5/16	2-1/2	1-1/8	24	16d	10	10d x 1-1/2	6435	4015	28.62	17.86	5055	3150	22.49	14.01
HD27925	2-3/4	8-5/8	2	1-1/8	18	16d	6	10d x 1-1/2	5710	2185	25.40	9.72	4485	1715	19.95	7.63
HD27112	2-3/4	10-7/8	2	1-1/8	22	16d	6	10d x 1-1/2	5915	2185	26.31	9.72	4640	1715	20.64	7.63
HD2714	2-3/4	12-7/8	2	1-1/8	26	16d	8	10d x 1-1/2	5925	3190	26.36	14.19	4655	2505	20.71	11.14
HD24-2	3-1/8	3-1/2	2-1/2	1-1/8	4	16d	2	10d	1535	690	6.83	3.07	1205	545	5.36	2.42
HD26-2	3-1/8	5-1/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD28-2	3-1/8	7-1/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD210-2	3-1/8	9	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD212-2	3-1/8	11	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD214-2	3-1/8	13	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD216-2	3-1/8	15	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97

1) Factored uplift resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
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 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. New products or updated product information are designated in blue font.

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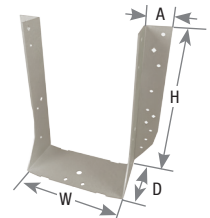
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HD Heavy-Duty Face Mount Hangers



USP Stock No.	Dimensions (in)				Fastener Schedule ^{2,3}				DF Factored Resistance				S-P-F Factored Resistance			
	W	H	D	A	Header		Joist		Lbs		kN		Lbs		kN	
					Qty	Type	Qty	Type	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹	Vertical	Uplift ¹
HD44	3-9/16	3-5/16	2-1/2	1-1/8	4	16d	2	10d	1535	945	6.83	4.20	1205	740	5.36	3.29
HD46	3-9/16	4-15/16	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD48	3-9/16	6-7/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD410	3-9/16	8-13/16	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD412	3-9/16	10-13/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD414	3-9/16	12-13/16	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD416	3-9/16	14-13/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD418	3-9/16	16-1/2	2-1/2	1-1/4	28	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD26-3	4-5/8	4-3/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD28-3	4-5/8	6-3/8	2-1/2	1-1/8	12	16d	6	10d	3430	2685	15.26	11.94	2690	2105	11.97	9.36
HD210-3	4-5/8	8-1/4	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD212-3	4-5/8	10-1/4	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD214-3	4-5/8	12-1/4	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD216-3	4-5/8	14-1/4	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD38-2	5-1/8	6-1/8	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD310-2	5-1/8	8	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD312-2	5-1/8	10	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD5210	5-3/8	7-7/8	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD5212	5-3/8	9-7/8	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD5214	5-3/8	11-7/8	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD5216	5-3/8	13-7/8	2-1/2	1-1/8	30	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD66	5-1/2	3-15/16	2-1/2	1-1/8	12	16d	6	10d	4920	2685	21.89	11.94	3865	2105	17.19	9.36
HD68	5-1/2	5-15/16	2-1/2	1-1/8	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD610	5-1/2	7-13/16	2-1/2	1-1/8	18	16d	10	10d	7485	4435	33.29	19.73	5875	3485	26.13	15.50
HD612	5-1/2	9-13/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD614	5-1/2	11-13/16	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD616	5-1/2	13-13/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97
HD28-4	6-1/8	7-1/8	2-1/2	1-3/4	14	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD210-4	6-1/8	9	3-1/4	2	24	16d	6	10d	7485	2685	33.29	11.94	5875	2105	26.13	9.36
HD7100	7-1/8	9	2-1/2	1-1/4	12	16d	6	10d	4920	2685	21.89	11.94	3865	2105	17.19	9.36
HD7120	7-1/8	10-5/8	2-1/2	1-1/4	16	16d	6	10d	4675	2685	20.80	11.94	3670	2105	16.32	9.36
HD7140	7-1/8	13-1/8	2-1/2	1-1/4	20	16d	8	10d	7485	2685	33.29	11.94	5875	2105	26.13	9.36
HD7160	7-1/8	15-5/8	2-1/2	1-1/4	24	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD7180	7-1/8	17-3/4	2-1/2	1-1/4	28	16d	8	10d	8250	2685	36.70	11.94	6475	2105	28.80	9.36
HD86	7-1/2	5-1/8	2-1/2	1-1/2	10	16d	4	16d	3410	1505	15.17	6.69	2680	1180	11.92	5.25
HD88	7-1/2	6-5/8	2-1/2	1-1/2	14	16d	6	16d	5100	2685	22.69	11.94	4005	2105	17.82	9.36
HD810	7-1/2	8-3/8	2-1/2	1-1/2	18	16d	8	16d	4930	2685	21.93	11.94	3870	2105	17.21	9.36
HD812	7-1/2	10-1/8	2-1/2	1-1/2	22	16d	8	16d	4930	2685	21.93	11.94	3870	2105	17.21	9.36
HD814	7-1/2	11-7/8	2-1/2	1-1/2	24	16d	12	16d	4930	5260	21.93	23.40	3870	4130	17.21	18.37
HD816	7-1/2	13-5/8	2-1/2	1-1/2	26	16d	12	16d	4930	5260	21.93	23.40	3870	4130	17.21	18.37
Glulam Sizes																
HD32105	3-1/4	9-15/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD3212	3-1/4	11-7/8	2-1/2	1-1/8	24	16d	10	10d	8250	4290	36.70	19.08	6475	3365	28.80	14.97
HD5112	5-1/4	9-15/16	2-1/2	1-1/8	22	16d	10	10d	8250	4435	36.70	19.73	6475	3485	28.80	15.50
HD51135	5-1/4	12-15/16	2-1/2	1-1/8	26	16d	12	10d	8190	4290	36.43	19.08	6430	3365	28.60	14.97

- 1) Factored uplift resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
 - 2) 16d sinkers (0.148 dia. x 3-1/4" long) may be used at 0.86 of the table load where 16d commons are specified.
 - 3) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.
- New products or updated product information are designated in **blue font**.



Use in conjunction with USP's current Canadian Product Catalogue for detailed hanger information.