

EWP FACE MOUNT HANGERS – HD, HUS, THD, THDH, & THF



Joist Size	USP StockNo.	Ref. No.	Web Stiffener Req.	Steel Gauge	Dimensions			Fastener Schedule ^{3,4}				Factored Resistance ¹			
					W	H	D	Header		Joist		DF-L Header		S-P-F Header	
								Qty	Type	Qty	Type	Vertical	Uplift ²	Vertical	Uplift ²
100%	115%	100%	115%												
1-1/2 x 9 - 1/4 - 9-1/2	THF15925 Min	IUS1.56/9.5, LF159	--	18	1-1/2	9-1/16	2	8	10d	2	10d x 1-1/2	3050	525	2166	373
	THF15925 Max	IUT29						12	10d	2	10d x 1-1/2	3225	525	2290	373
1-1/2 x 11-1/4 - 11-7/8	THF15112 Min	IUS1.56/11.88, LF1511	--	18	1-1/2	11-1/16	2	8	10d	2	10d x 1-1/2	3050	525	2166	373
	THF15112 Max	IUT211						16	10d	2	10d x 1-1/2	4135	525	2936	373
1-1/2 x 14	THF15140 Min	LF1514	--	18	1-1/2	13-1/2	2	12	10d	2	10d x 1-1/2	3815	525	2709	373
	THF15140 Max	IUT214						20	10d	2	10d x 1-1/2	4045	525	2872	373
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	7215	2005	5123	1424
1-3/4 x 9-1/4 - 9-1/2	THF17925 Min	IUS1.81/9.5, LF179	--	18	1-3/4	8-15/16	2	8	10d	2	10d x 1-1/2	3050	525	2166	373
	THF17925 Max	IUT9						12	10d	2	10d x 1-1/2	3225	525	2290	373
	HD17925	HU9	x	14	1-13/16	9-1/8	2	18	16d	6	10d x 1 1/2	7215	2005	5123	1424
1-3/4 x 11-1/4 - 11-7/8	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	30	16d	10	16d	9025	6035	6408	4285
	THF17112 Min	IUS1.81/11.88, LF1711	--	18	1-3/4	10-15/16	2	8	10d	2	10d x 1 1/2	3050	525	2166	373
	THF17112 Max	IUT11						16	10d	2	10d x 1 1/2	4135	525	2936	373
1-3/4 x 14	HD17112	HU11	x	14	1-13/16	11-3/8	2	22	16d	6	10d x 1 1/2	5915	2005	4200	1424
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	30	16d	10	16d	9025	6035	6408	4285
	THF17140 Min	IUS1.81/14, LF1714	--	18	1-3/4	13-3/8	2	12	10d	2	10d x 1-1/2	3815	525	2709	373
1-3/4 x 16	THF17140 Max	IUT14						20	10d	2	10d x 1 1/2	4045	525	2872	373
	HD1714	HU14	x	14	1-13/16	13-5/16	2	26	16d	8	10d x 1 1/2	5915	2005	4200	1424
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	30	16d	10	16d	9025	6035	6408	4285
2 - 2-1/8 x 9-1/4 - 9-1/2	THF17157	MIU1.81/16	--	18	1-13/16	15-3/4	3-1/2	24	10d	2	10d x 1 1/2	4435	525	3149	373
	HD1714	HU14	x	14	1-13/16	13-5/16	2	26	16d	8	10d x 1 1/2	5915	2005	4200	1424
	HUS179	HUS1.81/10	x	16	1-13/16	9-1/8	3	30	16d	10	16d	9025	6035	6408	4285
2 - 2-1/8 x 11-1/4 - 11-7/8	THF20925 Min	IUS2.06/9.5, LF209	--	18	2-1/8	8-7/8	2	8	10d	2	10d x 1 1/2	3050	525	2166	373
	THF20925 Max	IUT2.06/9						12	10d	2	10d x 1 1/2	3225	525	2290	373
2 - 2-1/8 x 13-1/4 - 13-1/2	THF20112 Min	IUS2.06/11.88, LF2011	--	18	2-1/8	11-3/16	2	8	10d	2	10d x 1 1/2	3050	525	2166	373
	THF20112 Max	IUT2.06/11						16	10d	2	10d x 1 1/2	4135	525	2936	373
2 - 2-1/8 x 14	THF20140 Min	IUS2.06/14, LF2014	--	18	2-1/8	13-1/4	2	12	10d	2	10d x 1 1/2	3815	525	2709	373
	THF20140 Max	IUT2.06/14						20	10d	2	10d x 1 1/2	4045	525	2872	373
2 - 2-1/8 x 16	THF20157	IUS2.06/16	--	18	2-1/8	15-3/4	3-3/8	24	10d	2	10d x 1 1/2	4435	525	3149	373
2-1/4 - 2-5/16 x 9-1/4 - 9-1/2	THF23925	IUT3510, LF239	--	18	2-5/16	9-3/16	2-1/2	12	10d	2	10d x 1 1/2	3310	335	2350	238
2-1/4 - 2-5/16 x 11-1/4 - 11-7/8	THF23118	IUT3512, LF2311	--	18	2-5/16	11-3/16	2-1/2	14	10d	2	10d x 1 1/2	3310	720	2350	511
2-1/4 - 2-5/16 x 14	THF23140	IUT3514, LF2314	--	16	2-5/16	13-1/2	2-1/2	18	10d	2	10d x 1 1/2	4405	720	3128	511
2-1/4 - 2-5/16 x 16	THF23160	MIU2.37/16	--	16	2-5/16	15-9/16	2-1/2	22	10d	2	10d x 1 1/2	4405	720	3128	511
2-1/4 - 2-5/16 x 18 - 28	THF23180	MIU2.37/18	x	16	2-5/16	17-1/8	2-1/2	24	10d	8	10d x 1 1/2	6235	2435	4427	1729

- 1) The factored resistance is derived as directed in Canadian Standard CAN/CSA-086-01.
- 2) The uplift values are for short-term loads such as wind and earthquake. For standard term loads divide the values by 1.15.
- 3) 10d x 1-1/2 nails are 9 gauge (0.148 diameter) by 1-1/2 long.
- 4) Minimum nail penetration shall be 1-1/2" for 10d nails and 1-5/8" for 16d nails.

Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.

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



USP supplies quality products to build Stronger Safer Structures

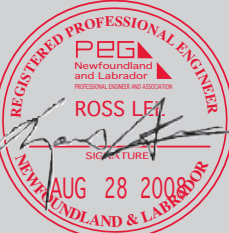
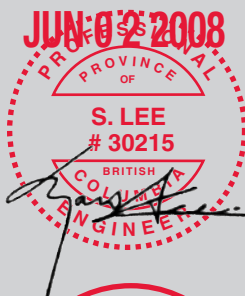
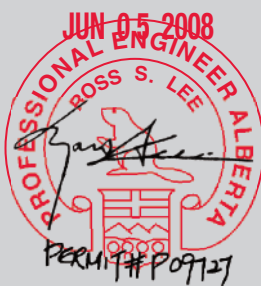
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Information valid until August 31, 2010.

USP2110-091

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EWP FACE MOUNT HANGERS – HD, HUS, THD, THDH, & THF CONTINUED



Joist Size	USP StockNo.	Ref. No.	Web Stiffener Req'd.	Steel Gauge	Dimensions			Fastener Schedule ^{3,4}				Factored Resistance ¹			
					W	H	D	Header		Joist		DF-L Header		S-P-F Header	
								Qty	Type	Qty	Type	Vertical	Uplift ²	Vertical	Uplift ²
100%	115%	100%	115%												
2-1/2 x 9-1/4 - 9-1/2	THF25925	IUT310, IUS2.56/9.5 LF259	--	18	2-1/2	9-1/8	2-1/2	12	10d	2	10d x 1 1/2	3310	335	2350	238
2-1/2 x 11-1/4 - 11-7/8	THF25112	IUT312, IUS2.56/11 LF2511	--	18	2-1/2	11-1/8	2-1/2	14	10d	2	10d x 1 1/2	3310	720	2350	511
2-1/2 x 13	THF25130	IUT313	--	16	2-1/2	12-1/4	2-1/2	18	10d	2	10d x 1 1/2	3310	720	2350	511
2-1/2 x 14	THF25140	IUT314, LF2514	--	16	2-1/2	13-7/16	2-1/2	18	10d	2	10d x 1 1/2	4405	720	3128	511
2-1/2 x 16	THF25160	MIU316	--	16	2-1/2	15-1/2	2-1/2	22	10d	2	10d x 1 1/2	4405	720	3128	511
2-1/2 x 18 - 24	THF25160	MIU316	x	16	2-1/2	15-1/2	2-1/2	22	10d	2	10d x 1 1/2	4405	720	3128	511
2-5/8 x 9-1/4 - 9-1/2	THF26925	---	--	18	2-5/8	9-1/16	2-1/2	12	10d	2	10d x 1 1/2	3310	2300	2350	1633
2-5/8 x 11-1/4 - 11-7/8	THF26112	---	--	18	2-5/8	11-1/16	2-1/2	14	10d	2	10d x 1 1/2	3310	720	2350	511
2-5/8 x 14	THF26140	---	--	16	2-5/8	13-3/8	2-1/2	18	10d	2	10d x 1 1/2	4405	720	3128	511
2-5/8 x 16	THF26160	MIU2.68/16	--	16	2-5/8	15-7/16	2-1/2	22	10d	2	10d x 1 1/2	4405	720	3128	511
2-11/16 x 11-1/4 - 16	THDH27112	HGUS2.75/12	x	12	2-3/4	10-7/8	4	56	16d	14	16d	16130	9845	11452	6990
3 x 9-1/4 - 14	THF15925-2	MIU3.12/9, LF2-159	x	16	3-1/8	9-3/16	2-1/2	12	10d	6	10d	5180	3325	3678	2361
3 x 11-1/4 - 14	THF15112-2	MIU3.12/11, LF2-1511	x	16	3-1/8	10-13/16	2-1/2	14	10d	6	10d	5420	3325	3848	2361
3-1/8 x 9-1/4 - 14	THDH3210	HGUS3.25/10	x	12	3-1/5	9-3/8	4	46	16d	12	16d	14760	7480	10480	5311
3-1/8 x 11-1/4 - 14	THDH3212	HGUS3.25/12	x	12	3-1/5	10-5/8	4	56	16d	14	16d	16130	11335	11452	8048
3-1/2 x 9-1/4 - 14	THF35925	IUT410, LF359	--	18	3-1/2	8-5/8	2-1/2	12	10d	2	10d x 1 1/2	5240	465	3720	330
	HD410	HU410	x	14	3-9/16	8-13/16	2-1/2	18	16d	10	10d	7215	4435	5123	3149
	THD410	HHUS410	x	14	3-5/8	9	3	38	16d	20	10d	11540	7250	8193	5148
	THDH410	HGUS410	x	12	3-4/7	9-1/8	4	46	16d	12	16d	14760	7480	10480	5311
3-1/2 x 11-1/4 - 16	THF35112	IUT412, LF3511	--	18	3-1/2	10-5/8	2-1/2	16	10d	2	10d x 1 1/2	5240	465	3720	330
	HD412	HU412	x	14	3-9/16	10-13/16	2-1/2	22	16d	10	10d	7215	4435	5123	3149
	THD412	---	x	14	3-5/8	11	3	48	16d	20	10d	11540	7250	8193	5148
	THDH412	HGUS412	x	12	3-4/7	10-1/2	4	56	16d	14	16d	16130	9845	11452	6990
3-1/2 x 14 - 20	THF35140	IUT414, LF3514	--	16	3-1/2	12-15/16	2-1/2	20	10d	2	10d x 1 1/2	6680	465	4743	330
	HD414	HU414	x	14	3-9/16	12-13/16	2-1/2	24	16d	10	10d	7215	4435	5123	3149
	THD414	---	x	14	3-5/8	12-7/8	3	58	16d	20	10d	11540	7250	8193	5148
	THDH414	HGUS414	x	12	3-4/7	12-1/4	4	66	16d	16	16d	16130	11335	11452	8048
3-1/2 x 16 - 22	THF35157	IUT416	--	16	3-1/2	15	2-1/2	22	10d	2	10d x 1 1/2	6680	465	4743	330
	HD416	HU416	x	14	3-9/16	14-13/16	2-1/2	26	16d	12	10d	7215	4435	5123	3149
3-1/2 x 18 - 26	THF35165	---	x	16	3-1/2	16-9/16	2-1/2	24	10d	8	10d x 1 1/2	6680	2435	4743	1729
	HD418	HU418	x	14	3-9/16	16-1/2	2-1/2	28	16d	8	10d	7215	2685	5123	1906
4 - 4-3/16 x 9-1/4 - 9-1/2	THF20925-2	HU4.12/9, HU4.28/9	--	16	4-3/16	8-11/16	2-1/2	12	10d	6	10d	5255	3325	3731	2361
4 - 4-3/16 x 11-1/4 - 11-7/8	THF20112-2	HU4.12/11, HU4.28/11	--	16	4-3/16	11	2-1/2	16	10d	6	10d	6855	3325	4867	2361
4-1/2 - 4-5/8 x 9-1/4 - 14	THF23925-2	U3510-2	x	16	4-3/4	8-3/8	2-1/2	14	10d	6	10d	5240	3325	3720	2361

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 3) 10d x 1-1/2 nails are 9 gauge (0.148 diameter) by 1-1/2 long.
 4) Minimum nail penetration shall be 1-1/2 for 10d nails and 1-5/8 for 16d nails.

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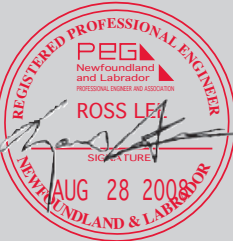
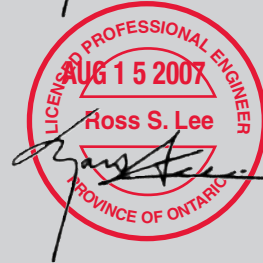
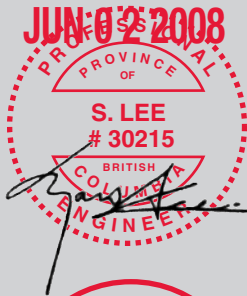
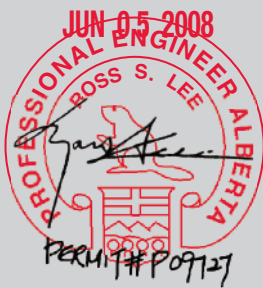
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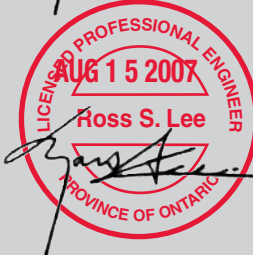
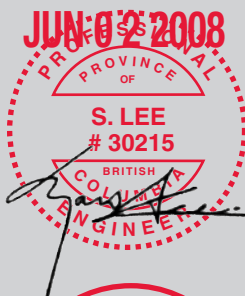
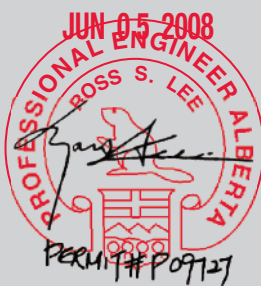
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					W	H	D	Header		Joist		DF-L Header		S-P-F Header	
								Qty	Type	Qty	Type	Vertical	Uplift ²	Vertical	Uplift ²
100%	115%	100%	115%												
4-1/2 - 4-5/8 x 11-1/4 - 16	THF23118-2	U3512-2	x	16	4-3/4	10-11/16	2-1/2	16	10d	6	10d	6855	3325	4867	2361
4-1/2 - 4-5/8 x 14 - 22	THF23140-2	MIU4.75/14	x	12	4-3/4	13-5/16	2-1/2	20	10d	6	10d	6680	3325	4743	2361
4-1/2 - 4-5/8 x 16 - 26	THF23160-2	MIU4.75/16	x	12	4-3/4	15-15/16	2-1/2	24	10d	6	10d	6680	3325	4743	2361
5 x 9-1/4 - 12	THF25925-2	MIU39-2	x	16	5-1/8	8-3/16	2-1/2	12	10d	6	10d	5240	3325	3720	2361
5 x 11-1/4 - 16	THF25112-2	MIU311-2	x	16	5-1/8	10-7/16	2-1/2	16	10d	6	10d	5240	3325	3720	2361
5 x 14 - 20	THF25140-2	MIU314-2	x	12	5-1/8	13-1/8	2-1/2	20	10d	6	10d	6680	3325	4743	2361
5 x 16 - 26	THF25160-2	MIU316-2	x	12	5-1/8	15-3/4	2-1/2	24	10d	6	10d	6680	3325	4743	2361
5-1/4 x 9-1/4 - 11-7/8	HD5210	HU5.31/9	x	14	5-3/8	7-7/8	2-1/2	18	16d	10	10d	7215	4435	5123	3149
	THD610	---	x	12	5-1/2	9	3	38	16d	20	10d	12455	6425	8843	4562
	THDH610	HGUS5.50/10	x	12	5-1/2	9	4	46	16d	16	16d	13190	7030	9365	4991
5-1/4 x 11-1/4 - 16	HD5212	HU5.31/11	x	14	5-3/8	9-7/8	2-1/2	22	16d	10	10d	7215	4435	5123	3149
	THD612	---	x	12	5-1/2	11	3	48	16d	20	10d	13785	9850	9787	6994
	THDH612	HGUS5.50/12	x	12	5-1/2	11	4	56	16d	20	16d	15465	9105	10980	6465
5-1/4 x 14 - 20	HD5214	HU5.31/14	x	14	5-3/8	11-7/8	2-1/2	24	16d	10	10d	7215	4435	5123	3149
	THD614	---	x	12	5-1/2	12-7/8	3	58	16d	20	10d	13785	9850	9787	6994
	THDH614	HGUS5.50/14	x	12	5-1/2	13	4	66	16d	22	16d	18810	10760	13355	7640
5-1/4 x 16 - 22	HD5216	HU5.31/16	x	14	5-3/8	13-7/8	2-1/2	30	16d	12	10d	7215	4435	5123	3149
	HD610	HU610	x	14	5-1/2	7-13/16	2-1/2	18	16d	10	10d	7215	4435	5123	3149
	THD610	---	x	12	5-1/2	9	3	38	16d	20	10d	12455	6425	8843	4562
5-1/2 x 9-1/4 - 14	THDH610	HGUS5.50/10	x	12	5-1/2	9	4	46	16d	16	16d	13190	7030	9365	4991
	HD612	HU612	x	14	5-1/2	9-13/16	2-1/2	22	16d	10	10d	7215	4435	5123	3149
	THD612	---	x	12	5-1/2	11	3	48	16d	20	10d	13785	9850	9787	6994
5-1/2 x 11-1/4 - 16	THDH612	HGUS5.50/12	x	12	5-1/2	11	4	56	16d	20	16d	15465	9105	10980	6465
	HD614	HU614	x	14	5-1/2	11-13/16	2-1/2	24	16d	10	10d	7215	4435	5123	3149
	THD614	---	x	12	5-1/2	12-7/8	3	58	16d	20	10d	13785	9850	9787	6994
5-1/2 x 14 - 18	THDH614	HGUS5.50/14	x	12	5-1/2	13	4	66	16d	22	16d	18810	10760	13355	7640
	HD616	HU616	x	14	5-1/2	13-13/16	2-1/2	26	16d	12	10d	7215	4435	5123	3149
	THD616	---	x	12	5-1/2	12-7/8	3	58	16d	20	10d	13785	9850	9787	6994
5-1/2 x 16 - 20	THDH616	HGUS6.88/10	x	12	6-7/8	8-13/16	4	46	16d	12	16d	13525	6575	9603	4668
	HD7100	HU410-2	x	14	7-1/8	9	2-1/2	12	16d	6	10d	7215	4435	5123	3149
	THD7210	HHUS7.25/10	x	12	7-1/4	9	3	38	16d	20	10d	12455	6425	8843	4562
7 x 9-1/4 - 14	THDH7210	HGUS7.25/10	x	12	7-1/4	9	4	46	16d	12	16d	14760	7480	10480	5311
	HD7120	HU412-2	x	14	7-1/8	10-5/8	2-1/2	16	16d	6	10d	7215	4435	5123	3149
	THDH7212	HGUS7.25/12	x	12	7-1/4	10-1/2	4	56	16d	14	16d	16130	9845	11452	6990
7 x 14 - 20	HD7140	HU414-2	x	14	7-1/8	13-1/8	2-1/2	20	16d	8	10d	7215	4435	5123	3149
	THDH7214	HGUS7.25/14	x	12	7-1/4	12-1/4	4	66	16d	16	16d	16130	11335	11452	8048
	HD7160	HU416-2	x	14	7-1/8	15-5/8	2-1/2	24	16d	8	10d	7215	4435	5123	3149
7 x 18 - 26	HD7180	HU418-2	x	14	7-1/8	17-3/4	2-1/2	28	16d	8	10d	7215	4435	5123	3149

1) The factored resistance is derived as directed in Canadian Standard CAN/CSA-086-01.
 2) The uplift values are for short-term loads such as wind and earthquake. For standard term loads divide the values by 1.15.
 3) 10d x 1-1/2 nails are 9 gauge (0.148 diameter) by 1-1/2 long.
 4) Minimum nail penetration shall be 1-1/2 for 10d nails and 1-5/8 for 16d nails.

Load tables address hanger/header/fastener limitations only. Joist limitations must be determined for each installation.

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



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