

ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Spruce-Pine-Fir)

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		Min.	N (0	Fast	eners	2 x 4 S	upporting I	Member	2 x 6 S	upporting	Member	2 x 8 S	upporting I	Member	2 x 10 S	upporting	Member	2 x 12 S	upporting	Member
USP		Heel Height	No. of Supporting Member Plies	Supporting	Supported	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift
Stock No.	Ref. No.	(in)		Member	Member	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
							1 Ply	Carried Me	mber											
JL24	LU24	2 ¹¹ / ₁₆	1	(4) 10d	(2) 10d x 1 1/2	390	430	205	390	400	205	390	400	205	390	400	205	390	400	205
		2 ¹¹ / ₁₆	1	(4) 16d	(2) 10d x 1 1/2	400	430	205	400	400	205	400	400	205	400	400	205	400	400	205
		2 ¹¹ / ₁₆	2	(4) 10d	(2) 10d x 1 1/2	390	450	205	390	400	205	390	400	205	390	400	205	390	400	205
		2 ¹¹ / ₁₆	2	(4) 16d	(2) 10d x 1 1/2	470	540	205	400	400	205	400	400	205	400	400	205	400	400	205
SUH24	U24	2 ¹¹ / ₁₆	1	(4) 10d	(2) 10d x 1 1/2	400	460	310	400	400	310	400	400	310	400	400	310	400	400	310
		2 ¹¹ / ₁₆	1	(4) 16d	(2) 10d x 1 1/2	440	505	310	400	400	310	400	400	310	400	400	310	400	400	310
		2 ¹¹ / ₁₆	2	(4) 10d	(2) 10d x 1 1/2	400	460	310	400	400	310	400	400	310	400	400	310	400	400	310
		2 ¹¹ / ₁₆	2	(4) 16d	(2) 10d x 1 1/2	475	545	310	400	400	310	400	400	310	400	400	310	400	400	310
JUS24	LUS24	2 ¹ / ₄	1	(4) 10d	(2) 10d	400	450	430	400	400	430	400	400	430	400	400	430	400	400	430
11.00	11100	2 ¹ / ₄	2	(4) 10d	(2) 10d	560	640	430	400	400	430	400	400	430	400	400	430	400	400	430
JL26	LU26	4 ³ / ₈	1	(6) 10d (6) 16d	(4) 10d x 1 1/2				535 535	615 615	405 405	400 400	400 400	405 405	400 400	400 400	405 405	400 400	400 400	405 405
		4 / ₈ 4 ³ / ₉	2	(6) 10d	(4) 10d x 1 1/2 (4) 10d x 1 1/2				590	675	405	430	495	405	400	400	405	400	400	405
		4 ³ / ₉	2	(6) 16d	(4) 10d x 1 1/2				700	805	405	430	495	405	400	400	405	400	400	405
SUH26	U26	4 ⁵ / ₁₆	1	(6) 10d	(4) 10d x 1 1/2				600	690	620	400	400	620	400	400	620	400	400	620
		4 ⁵ / ₁₆	1	(6) 16d	(4) 10d x 1 1/2				660	755	620	400	400	620	400	400	620	400	400	620
		4 ⁵ / ₁₆	2	(6) 10d	(4) 10d x 1 1/2				600	690	620	600	690	620	400	405	620	400	400	620
		4 ⁵ / ₁₆	2	(6) 16d	(4) 10d x 1 1/2				715	820	620	640	740	620	400	405	620	400	400	620
HD26	HU26	1 ⁷ / ₈	1	(4) 10d	(2) 10d x 1 1/2				400	400	245	400	400	245	400	400	245	400	400	245
		17/8	1	(4) 16d	(2) 10d x 1 1/2				400	400	245	400	400	245	400	400	245	400	400	245
		1 ⁷ / ₈	2 2	(4) 10d	(2) 10d x 1 1/2				400	400	245	400	400 400	245	400	400 400	245	400	400	245
JUS26	LUS26	1 ⁷ / ₈	1	(4) 16d (4) 10d	(2) 10d x 1 1/2 (4) 10d				400 675	400 775	245 935	400 400	400	245 935	400 400	400	245 935	400 400	400 400	245 935
30320	L0320	4 / ₁₆ 4 / ₁₆	2	(4) 10d	(4) 10d				725	835	935	495	565	935	400	400	935	400	400	935
MUS26	MUS26	41/4	1	(6) 10d	(6) 10d				825	950	725	400	400	725	400	400	725	400	400	725
		41/4	1	(6) 16d	(6) 16d				825	950	670	400	400	670	400	400	670	400	400	670
		41/4	2	(6) 10d	(6) 10d				1100	1265	725	550	635	725	400	400	725	400	400	725
		41/4	2	(6) 16d	(6) 16d		-	-	1310	1505	725	550	635	725	400	400	725	400	400	725
HUS26	HUS26	45/16	1	(14) 10d	(6) 10d				1905	2190	1360	415	480	1360	400	400	1360	400	400	1360
		4 ⁵ / ₁₆	1	(14) 16d	(6) 16d				2085	2400	1615	415	480	1615	400	400	1615	400	400	1615
		4 ⁵ / ₁₆	2	(14) 10d (14) 16d	(6) 10d (6) 16d				1905 2260	2190 2600	1360 1615	835 835	960 960	1360 1615	430 430	495 495	1360 1615	400 400	400 400	1360 1615
THD26		5 ¹ / ₄	1	(18) 10d	(12) 10d x 1 1/2				1800	2075	1860	400	400	1860	400	400	1860	400	400	1860
111020		5 ¹ / ₄	i	(18) 16d	(12) 10d x 1 1/2				1975	2275	1860	400	400	1860	400	400	1860	400	400	1860
		51/4	2	(18) 10d	(12) 10d x 1 1/2				1800	2075	1860	625	720	1860	400	400	1860	400	400	1860
		5 ¹ / ₄	2	(18) 16d	(12) 10d x 1 1/2				2140	2465	1860	625	720	1860	400	400	1860	400	400	1860
JL28	LU28	5 ¹⁵ / ₁₆	1	(10) 10d	(6) 10d x 1 1/2		-					485	560	740	400	400	740	400	400	740
		5 ¹⁵ / ₁₆	1	(10) 16d	(6) 10d x 1 1/2							485	560	740	400	400	740	400	400	740
		5 ¹⁵ / ₁₆	2	(10) 10d	(6) 10d x 1 1/2							970	1085	740	480	550	740	400	400	740
SUH28		5 ¹⁵ / ₁₆	2	(10) 16d (8) 10d	(6) 10d x 1 1/2 (6) 10d x 1 1/2							970 800	1115 920	740 670	480 465	550 535	740 670	400 400	400 400	740 670
SUH28		6 ¹ / ₁₆	1	(8) 10d (8) 16d	(6) 10d x 1 1/2 (6) 10d x 1 1/2							800 875	1010	670	465	535	670	400	400	670
		6 ¹ / ₁₆	2	(8) 10d	(6) 10d x 1 1/2							800	920	670	800	920	670	550	630	670
		6 ¹ / ₁₆	2	(8) 16d	(6) 10d x 1 1/2							950	1095	670	925	1065	670	550	630	670
HD28	HU28	4 ³ / ₈	1	(8) 10d	(4) 10d x 1 1/2			-	815	940	635	400	400	635	400	400	635	400	400	635
		4 ³ / ₈	1	(8) 16d	(4) 10d x 1 1/2				895	1030	635	400	400	635	400	400	635	400	400	635
		4 ³ / ₈	2	(8) 10d	(4) 10d x 1 1/2				815	940	635	660	755	635	400	415	635	400	400	635
111000	111000	4 ³ / ₈	2	(8) 16d	(4) 10d x 1 1/2				970	1115	635	660	755	635	400	415	635	400	400	635
JUS28	LUS28	4 ³ / ₈	1	(6) 10d	(4) 10d							920	1060 1060	935	465	535 1060	935	400	400	935
MUS28	MUS28	4 ³ / ₈	2	(6) 10d (8) 10d	(4) 10d (8) 10d							920 1465	1060	935 1035	920 440	1060 505	935 1035	550 400	635 400	935 1035
W U 320	WIU328	6 ⁵ / ₁₆	1	(8) 10d (8) 16d	(8) 10d (8) 16d							1610	1850	955	440	505	955	400	400	955
		6 ⁵ / ₁₆	2	(8) 10d	(8) 10d							1465	1685	1035	880	1010	1035	525	605	1035
		6 ⁵ / ₁₆	2	(8) 16d	(8) 16d							1745	2005	1035	880	1010	1035	525	605	1035
HUS28	HUS28	6 ¹¹ / ₁₆	1	(22) 10d	(8) 10d							2870	3075	1820	670	770	1820	400	420	1820
		6 ¹¹ / ₁₆	1	(22) 16d	(8) 16d			-				3150	3370	2160	670	770	2160	400	420	2160
	1	6 ¹¹ / ₁₆	2	(22) 10d	(8) 10d							2870	3075	1820	1340	1545	1820	730	840	1820
		6 ¹¹ / ₁₆	2	(22) 16d	(8) 16d		-		-			3410	3650	2160	1340	1545	2160	730	840	2160



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	Matter																			
		Min.	No. of Commonting	Fast	eners	2 x 4 S	upporting I	Member	2 x 6 Sı	upporting l	Member	2 x 8 Sı	upporting I	Member	2 x 10 S	upporting	Member	2 x 12 S	Supporting	Member
USP		Heel Height	No. of Supporting Member Plies	Supporting	Supported	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift
Stock No.	Ref. No.	(in)		Member	Member	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
							1 Ply	Carried Me	mber											
THD28		7 ¹ / ₁₆	1	(28) 10d	(16) 10d x 1 1/2							2805	2805	1960	580	665	1960	400	400	1960
		7 ¹ / ₁₆	1	(28) 16d	(16) 10d x 1 1/2							3075	3075	1960	580	665	1960	400	400	1960
		7 ¹ / ₁₆	2	(28) 10d	(16) 10d x 1 1/2							2805	2805	1960	1155	1330	1960	650	750	1960
		71/16	2	(28) 16d	(16) 10d x 1 1/2							3330	3330	1960	1155	1330	1960	650	750	1960
JL210	LU210	7 ¹¹ / ₁₆	1	(14) 10d	(8) 10d x 1 1/2										1370	1575	920	640	740	920
		7 ¹¹ / ₁₆	1	(14) 16d	(8) 10d x 1 1/2										1515	1525	920	640	740	920
		7 ¹¹ / ₁₆ 7 ¹¹ / ₁₆	2 2	(14) 10d (14) 16d	(8) 10d x 1 1/2 (8) 10d x 1 1/2										1370 1640	1575 1650	920 920	1285 1285	1480 1480	920 920
SUH210	U210	6 ¹ / ₁₆	1	(14) 10d (10) 10d	(6) 10d x 1 1/2										1000	1150	930	560	645	930
3011210	0210	6 ¹ / ₁₆	1	(10) 16d	(6) 10d x 1 1/2										1100	1265	930	560	645	930
		6 ¹ / ₁₆	2	(10) 10d	(6) 10d x 1 1/2										1000	1150	930	1000	1150	930
		6 ¹ / ₁₆	2	(10) 16d	(6) 10d x 1 1/2										1190	1370	930	1120	1290	930
HD210	HU210	4 ³ / ₈	1	(12) 10d	(4) 10d x 1 1/2							1220	1405	635	655	755	635	400	415	635
		4 ³ / ₈	1	(12) 16d	(4) 10d x 1 1/2							1340	1540	635	655	755	635	400	415	635
		4 ³ / ₈	2	(12) 10d	(4) 10d x 1 1/2							1220	1405	635	1220	1405	635	720	825	635
		4 ³ / ₈	2	(12) 16d	(4) 10d x 1 1/2							1450	1670	635	1315	1510	635	720	825	635
JUS210	LUS210	4 ³ / ₈	1	(8) 10d	(4) 10d							-			1055	1215	935	500	575	935
		4 ³ / ₈	2	(8) 10d	(4) 10d										1115	1285	935	995	1145	935
HUS210	HUS210	8 ⁷ / ₁₆	1	(30) 10d	(10) 10d										3450	3720	2265	1115	1285	2265
		8 ⁷ / ₁₆	1	(30) 16d	(10) 16d										3780	4080	2690	1115	1285	2690
		8 ⁷ / ₁₆	2 2	(30) 10d (30) 16d	(10) 10d (10) 16d										3450 4095	3720 4420	2265 2690	2230 2230	2565 2565	2265 2690
THD210		9 ¹ / ₁₆	1	(38) 10d	(20) 10d x 1 1/2										3245	3490	2600	975	1125	2600
		9 ¹ / ₁₆	1	(38) 16d	(20) 10d x 1 1/2										3560	3825	2600	975	1125	2600
		9 ¹ / ₁₆	2	(38) 10d	(20) 10d x 1 1/2										3245	3490	2600	1955	2250	2600
		9 ¹ / ₁₆	2	(38) 16d	(20) 10d x 1 1/2										3855	4145	2600	1955	2250	2600
MSH29	THA29	3 ¹ / ₄	1	(18) 10d	(4) 10d										1825	1885	660	825	945	660
		3 ¹ / ₄	2	(18) 10d	(4) 10d										1825	1885	660	1645	1885	660
SUH24-2	U24-2	3	1	(6) 10d	(2) 10d	470	540	Carried Me 320	mber 400	400	320	400	400	320	400	400	320	400	400	320
5UH24-2	024-2	3	1	(6) 16d	(2) 10d (2) 16d	470	540	320	400	400	320	400	400	320	400	400	320	400	400	320
		3	2	(6) 10d	(2) 10d	600	690	320	400	400	320	400	400	320	400	400	320	400	400	320
		3	2	(6) 16d	(2) 16d	715	820	320	400	400	320	400	400	320	400	400	320	400	400	320
JUS24-2	LUS24-2	2 ⁵ / ₈	1	(4) 10d	(2) 10d	555	635	225	400	400	225	400	400	225	400	400	225	400	400	225
		2 ⁵ / ₈	1	(4) 16d	(2) 16d	615	705	270	400	400	270	400	400	270	400	400	270	400	400	270
		2 ⁵ / ₈	2	(4) 10d	(2) 10d	555	635	225	400	400	225	400	400	225	400	400	225	400	400	225
		2 ⁵ / ₈	2	(4) 16d	(2) 16d	665	765	270	400	400	270	400	400	270	400	400	270	400	400	270
HUS24-2		2 ⁵ / ₈	1	(4) 10d	(2) 10d	575	660	350	400	400	350	400	400	350	400	400	350	400	400	350
		2 ⁵ / ₈ 2 ⁵ / ₉	1 2	(4) 16d	(2) 16d	630	725 660	415 350	400 400	400 400	415	400 400	400 400	415 350	400 400	400	415	400 400	400	415
		2 ⁵ / ₈	2	(4) 10d (4) 16d	(2) 10d (2) 16d	575 680	785	350 415	400	400	350 415	400	400	415	400	400 400	350 415	400	400 400	350 415
SUH26-2	U26-2	4 ¹¹ / ₁₆	1	(8) 10d	(2) 16d (4) 10d		785	415	800	920	640	400	400	640	400	400	640	400	400	640
301120-2	020-2	4 ¹¹ / ₁₆	1	(8) 16d	(4) 16d (4) 16d				875	1010	640	400	400	640	400	400	640	400	400	640
		4 ¹¹ / ₁₆	2	(8) 10d	(4) 10d				800	920	640	660	760	640	400	415	640	400	400	640
		4 ¹¹ / ₁₆	2	(8) 16d	(4) 16d				950	1095	640	660	760	640	400	415	640	400	400	640
HD26-2	HU26-2	5 ³ / ₁₆	1	(12) 10d	(6) 10d				1220	1405	990	400	400	990	400	400	990	400	400	990
		5 ³ / ₁₆	1	(12) 16d	(6) 16d				1340	1540	990	400	400	990	400	400	990	400	400	990
		5 ³ / ₁₆	2	(12) 10d	(6) 10d				1220	1405	990	610	700	990	400	400	990	400	400	990
IIIeae a	Lucac o	5 ³ / ₁₆	2	(12) 16d	(6) 16d				1450	1670	990	610	700	990	400	400	990	400	400	990
JUS26-2	LUS26-2	4 ¹³ / ₁₆ 4 ¹³ / ₁₆	1 1	(4) 10d (4) 16d	(4) 10d (4) 16d				720 800	830 920	950 1140	400 400	445 445	950 1140	400 400	400 400	950 1140	400 400	400 400	950 1140
		4 / ₁₆ 4 ¹³ / ₁₆	2	(4) 10d	(4) 10d				720	830	950	720	830	950	410	470	950	400	400	950
		4 / 16 4 13 / 16	2	(4) 16d	(4) 16d				865	995	1140	775	895	1140	410	470	1140	400	400	1140
HUS26-2	HUS26-2	4 ¹³ / ₁₆	1	(4) 10d	(4) 10d				740	850	785	400	445	785	400	400	785	400	400	785
		4 ¹³ / ₁₆	1	(4) 16d	(4) 16d				810	930	935	400	445	935	400	400	935	400	400	935
		413/16	2	(4) 10d	(4) 10d				740	850	785	740	850	785	410	470	785	400	400	785
ı		4 ¹³ / ₁₆	2	(4) 16d	(4) 16d				880	1010	935	775	895	935	410	470	935	400	400	935



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		Min.	No of Cumparting	Fast	eners	2 x 4 Sı	upporting I	Member	2 x 6 Sı	upporting	Member	2 x 8 Sı	upporting I	Member	2 x 10 S	upporting	Member	2 x 12 S	upporting	Member
USP		Heel Height	No. of Supporting Member Plies	Supporting	Supported	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift
Stock No.	Ref. No.	(in)		Member	Member	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
							2 Ply (Carried Me	mber											
THD26-2	HHUS26-2	5 ³ /8	1	(18) 10d	(12) 10d				1835	2110	1980	415	480	1980	400	400	1980	400	400	1980
		5 ³ / ₈	1	(18) 16d	(12) 16d				2010	2310	1980	415	480	1980	400	400	1980	400	400	1980
		5 ³ / ₈	2	(18) 10d	(12) 10d				1835	2110	1980	835	960	1980	430	495	1980	400	400	1980
TUDUOS	11011000 0	5 ³ / ₈	2	(18) 16d	(12) 16d				2180	2505	1980	835	960	1980	430	495	1980	400	400	1980
THDH26-2	HGUS26-2	4 ¹⁵ / ₁₆	1	(22) 10d (22) 16d	(8) 10d (8) 16d				2840 3110	3265 3580	1585 1880	415 415	480 480	1585 1880	400 400	400 400	1585 1880	400 400	400 400	1585 1880
		4 ¹⁵ / ₁₆ 4 ¹⁵ / ₁₆	2	(22) 10d (22) 10d	(8) 10d				2840	3265	1585	835	960	1585	430	495	1585	400	400	1585
		4 / ₁₆ 4 15/ ₁₆	2	(22) 16d	(8) 16d				3370	3880	1880	835	960	1880	430	495	1880	400	400	1880
SUH28-2		4 ¹¹ / ₁₆	1	(10) 10d	(4) 10d							935	1080	640	400	420	640	400	400	640
		4 ¹¹ / ₁₆	1	(10) 16d	(4) 16d							935	1080	640	400	420	640	400	400	640
		4 ¹¹ / ₁₆	2	(10) 10d	(4) 10d							1000	1150	640	730	840	640	455	525	640
		4 ¹¹ / ₁₆	2	(10) 16d	(4) 16d				-			1190	1370	640	730	840	640	455	525	640
HD28-2	HU28-2	5 ⁵ / ₁₆	1	(14) 10d	(6) 10d		-					1425	1640	990	615	705	990	400	400	990
		5 ⁵ / ₁₆	1	(14) 16d	(6) 16d							1565	1800	990	615	705	990	400	400	990
		5 ⁵ / ₁₆	2	(14) 10d	(6) 10d		-					1425	1640	990	1230	1415	990	685	785	990
		5 ⁵ / ₁₆	2	(14) 16d	(6) 16d							1695	1950	990	1230	1415	990	685	785	990
JUS28-2	LUS28-2	4 ¹³ / ₁₆	1	(6) 10d	(4) 10d							915	1055	950	670	770	950	400	420	950
		4 ¹³ / ₁₆ 4 ¹³ / ₁₆	1 2	(6) 16d	(4) 16d							1015	1170 1055	1140 950	670	770 1055	1140	400 730	420 840	1140
		4 ¹³ / ₁₆	2	(6) 10d (6) 16d	(4) 10d (4) 16d		=					915 1100	1265	1140	915 1100	1265	950 1140	730	840	950 1140
HUS28-2	HUS28-2	6 ⁵ / ₈	1	(6) 10d	(6) 10d							1110	1280	1280	670	770	1280	400	420	1280
110320-2	110320-2	6 ⁵ / ₈	1	(6) 16d	(6) 16d							1220	1405	1520	670	770	1520	400	420	1520
		6 ⁵ / ₈	2	(6) 10d	(6) 10d							1110	1280	1280	1110	1280	1280	730	840	1280
		6 ⁵ / ₉	2	(6) 16d	(6) 16d							1320	1520	1520	1320	1520	1520	730	840	1520
THD28-2	HHUS28-2	7 ¹ / ₈	1	(28) 10d	(16) 10d							2855	3280	2180	670	770	2180	400	420	2180
		7 ¹ / ₈	1	(28) 16d	(16) 16d							3130	3595	2180	670	770	2180	400	420	2180
		7 ¹ / ₈	2	(28) 10d	(16) 10d							2855	3280	2180	1340	1545	2180	730	840	2180
		7 ¹ / ₈	2	(28) 16d	(16) 16d							3390	3895	2180	1340	1545	2180	730	840	2180
THDH28-2	HGUS28-2	6 ¹³ / ₁₆	1	(36) 10d	(10) 10d		-					4745	5455	1885	670	770	1885	400	420	1885
		6 ¹³ / ₁₆	1 2	(36) 16d	(10) 16d							5200 4745	5980 5455	2240 1885	670 1340	770 1545	2240 1885	400 730	420 840	2240
		6 ¹³ / ₁₆	2	(36) 10d (36) 16d	(10) 10d (10) 16d							5635	6480	2240	1340	1545	2240	730	840	1885 2240
SUH210-2	U210-2	8 8	1	(14) 10d	(6) 10d							3033	0400	2240	1400	1610	960	810	930	960
3011210-2	0210-2	8	1	(14) 16d	(6) 16d										1535	1770	960	810	930	960
		8	2	(14) 10d	(6) 10d										1400	1610	960	1400	1610	960
		8	2	(14) 16d	(6) 16d										1665	1915	960	1620	1865	960
HD210-2	HU210-2	8 ⁷ / ₈	1	(18) 10d	(10) 10d		-								1835	2110	1650	1035	1190	1650
		8 ⁷ / ₈	1	(18) 16d	(10) 16d										2010	2310	1650	1035	1190	1650
		8 ⁷ / ₈	2	(18) 10d	(10) 10d		-								1835	2110	1650	1835	2110	1650
1110040.5	1110042.2	8'/ ₈	2	(18) 16d	(10) 16d										2180	2505	1650	2065	2375	1650
JUS210-2	LUS210-2	8 ⁵ / ₈	1	(8) 10d	(6) 10d										1275	1465	1385	1120	1285	1385
	1	8 ⁵ / ₈ 8 ⁵ / ₈	1 2	(8) 16d (8) 10d	(6) 16d (6) 10d										1410 1275	1625 1465	1665 1385	1120 1275	1285 1465	1665 1385
		8 ⁵ / ₈	2	(8) 10d	(6) 16d										1530	1760	1665	1530	1760	1665
HUS210-2	HUS210-2	8 / ₈ 8 ⁵ / ₉	1	(8) 10d	(8) 10d										1480	1705	1560	1120	1285	1560
52.10 2		8 ⁵ / ₈	1	(8) 16d	(8) 16d										1625	1870	1855	1120	1285	1855
		8 ⁵ / ₈	2	(8) 10d	(8) 10d		-					-			1480	1705	1560	1480	1705	1560
		8 ⁵ / ₈	2	(8) 16d	(8) 16d										1760	2025	1855	1760	2025	1855
THD210-2	HHUS210-2	9 ¹ / ₈	1	(38) 10d	(20) 10d				-						3875	4455	3235	1120	1285	3235
	1	9 ¹ / ₈	1	(38) 16d	(20) 16d										4245	4885	3235	1120	1285	3235
		9 ¹ / ₈	2	(38) 10d	(20) 10d										3875	4455	3235	2235	2575	3235
TUDU 6 6	110110010	9 ¹ / ₈	2	(38) 16d	(20) 16d										4600	5290	3235	2235	2575	3235
THDH210-2	HGUS210-2	8 ¹¹ / ₁₆	1	(46) 10d	(12) 10d		-								5840	5840	2465	1120	1285	2465
		8 ¹¹ / ₁₆	1	(46) 16d	(12) 16d										6400	6400	2930	1120	1285	2930
		8 ¹¹ / ₁₆	2	(46) 10d	(12) 10d										5840	5840	2465	2235 2235	2575	2465
	n nogo 7	8 ¹¹ / ₁₆	2	(46) 16d	(12) 16d										6935	6935	2930	2235	2575	2930



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N. I	TON.																			
		Min.	N (0	Fast	eners	2 x 4 S	upporting I	Member	2 x 6 S	upporting l	Member	2 x 8 Sı	upporting l	Member	2 x 10 S	Supporting	Member	2 x 12 S	upporting	Member
USP		Heel Height	No. of Supporting Member Plies	Supporting	Supported	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift
Stock No.	Ref. No.	(in)		Member	Member	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
							3 Ply	Carried Me	mber											
JUS26-3	LUS26-3	4 ¹ / ₁₆	1	(4) 10d	(4) 10d				515	590	950	400	400	950	400	400	950	400	400	950
		4 ¹ / ₁₆	1	(4) 16d	(4) 16d		-		515	590	1140	400	400	1140	400	400	1140	400	400	1140
		4 ¹ / ₁₆	2	(4) 10d	(4) 10d				720	830	950	420	485	950	400	400	950	400	400	950
		4 ¹ / ₁₆	2	(4) 16d	(4) 16d				865	995	1140	420	485	1140	400	400	1140	400		1140
THDH26-3	HGUS26-3	4 ⁷ / ₈	1	(20) 10d	(8) 10d				2840	3265	1585	415	480	1585	400	400	1585	400		1585
		4 ⁷ / ₈	1	(20) 16d	(8) 16d				3110	3580	1880	415	480	1880	400	400	1880	400		1880
		4 ⁷ / ₈	2 2	(20) 10d (20) 16d	(8) 10d (8) 16d				2840 3370	3265 3880	1585 1880	835 835	960 960	1585 1880	430 430	495 495	1585 1880	400 400		1585 1880
JUS28-3	LUS28-3	4 ¹ / ₁₆	1	(6) 10d	(4) 10d					3000		915	1055	950	405	465	950	400		950
30320-3	LU320-3	4 / ₁₆ 4 1/ ₁₆	1	(6) 16d	(4) 16d (4) 16d							1015	1170	1140	405	465	1140	400		1140
		4 / ₁₆ 4 1/ ₁₆	2	(6) 10d	(4) 10d (4) 10d							915	1055	950	810	930	950	495		950
		4 ¹ / ₁₆	2	(6) 16d	(4) 16d							1100	1265	1140	810	930	1140	495		1140
THDH28-3	HGUS28-3	71/4	1	(36) 10d	(10) 10d							4910	5645	1885	670	770	1885	400	420	1885
		71/4	1	(36) 16d	(10) 16d							5380	6190	2240	670	770	2240	400	420	2240
	1	71/4	2	(36) 10d	(10) 10d							4910	5645	1885	1345	1545	1885	730	840	1885
		71/4	2	(36) 16d	(10) 16d							5830	6705	2240	1345	1545	2240	730	840	2240
JUS210-3	LUS210-3	7 ⁷ / ₈	1	(8) 10d	(6) 10d										1275	1465	1385	715	820	1385
		7 ⁷ / ₈	1	(8) 16d	(6) 16d										1410	1625	1665	715	820	1665
		7 ⁷ / ₈	2	(8) 10d	(6) 10d										1275	1465	1385	1275		1385
		7 ⁷ / ₈	2	(8) 16d	(6) 16d										1530	1760	1665	1425		1665
THD210-3	HHUS210-3	8'/ ₈	1	(38) 10d	(20) 10d		-								4125	4745	3235	955		3235
		8 ⁷ / ₈	1	(38) 16d	(20) 16d										4525	5200	3235	955		3235
		8 ⁷ / ₈	2 2	(38) 10d	(20) 10d										4125	4745	3235	1915 1915		3235
THDH210-3	HGUS210-3	8 ⁷ / ₈	1	(38) 16d (46) 10d	(20) 16d (12) 10d										4900 6335	5635 6970	3235 3230	1120		3235 3230
111011210-3	11003210-3	8 ¹ / ₄	1	(46) 16d	(12) 16d										6940	7640	3835	1120		3835
		8 ¹ / ₄	2	(46) 10d	(12) 10d										6335	6970	3230	2235	400 400 400 400 400 400 400 400 400 570 570 570 420 420 840 840 820	3230
		8 ¹ / ₄	2	(46) 16d	(12) 16d										7520	8275	3835	2235		3835
		0 /4	_	(10) 100	(12) 100			Connector							. 020	02.0	0000	2200	20.0	0000
JUS44	LUS44	2 ³ / ₈	1	(4) 10d	(2) 10d	445	515	225	400	400	225	400	400	225	400	400	225	400	400	225
00044	20044	2 ³ / ₈	1	(4) 16d	(2) 16d	445	515	270	400	400	270	400	400	270	400	400	270	400		270
		2 ³ / ₉	2	(4) 10d	(2) 10d	555	635	225	400	400	225	400	400	225	400	400	225	400		225
		2 ³ / ₈	2	(4) 16d	(2) 16d	665	765	270	400	400	270	400	400	270	400	400	270	400		270
JUS46	LUS46	4 ⁹ / ₁₆	1	(4) 10d	(4) 10d				720	830	950	400	400	950	400	400	950	400	400	950
		4 ⁹ / ₁₆	1	(4) 16d	(4) 16d				800	920	1140	400	400	1140	400	400	1140	400	400	1140
		4 ⁹ / ₁₆	2	(4) 10d	(4) 10d				720	830	950	630	725	950	400	400	950	400	400	950
		4 ⁹ / ₁₆	2	(4) 16d	(4) 16d				865	995	1140	630	725	1140	400	400	1140	400		1140
HUS46	HUS46	4 ⁹ / ₁₆	1	(4) 10d	(4) 10d				740	850	785	400	400	785	400	400	785	400		785
		4 ⁹ / ₁₆	1	(4) 16d	(4) 16d				810	930	935	400	400	935	400	400	935	400		935
		4 ⁹ / ₁₆	2	(4) 10d	(4) 10d				740	850	785	630	725	785	400	400	785	400		785
THD46	HHUS46	4 ⁹ / ₁₆	2	(4) 16d	(4) 16d				880 1835	1010	935	630 400	725 455	935 1980	400 400	400	935	400 400		935 1980
111040	NNU340	5 ⁵ / ₁₆ 5 ⁵ / ₁₆	1	(18) 10d (18) 16d	(12) 10d (12) 16d				2010	2110 2310	1980 1980	400	455	1980	400	400 400	1980 1980	400		1980
		5 ⁵ / ₁₆	2	(18) 10d	(12) 10d				1835	2110	1980	790	910	1980	415	475	1980	400		1980
		5 ⁵ / ₁₆	2	(18) 16d	(12) 16d				2180	2505	1980	790	910	1980	415	475	1980	400		1980
THDH46	HGUS46	4 ³ / ₄	1	(22) 10d	(8) 10d				2840	3265	1845	400	430	1845	400	400	1845	400		1845
		43/4	1	(22) 16d	(8) 16d				3110	3580	2190	400	430	2190	400	400	2190	400		2190
		43/4	2	(22) 10d	(8) 10d				2840	3265	1845	745	860	1845	400	455	1845	400		1845
		4 ³ / ₄	2	(22) 16d	(8) 16d		-		3370	3880	2190	745	860	2190	400	455	2190	400	400	2190
HD48	HU48	4 ¹⁵ / ₁₆	1	(14) 10d	(6) 10d							1425	1640	990	530	610	990	400		990
	1	4 ¹⁵ / ₁₆	1	(14) 16d	(6) 16d							1565	1800	990	530	610	990	400		990
	1	4 ¹⁵ / ₁₆	2	(14) 10d	(6) 10d							1425	1640	990	1060	1220	990	610		990
		4 ¹⁵ / ₁₆	2	(14) 16d	(6) 16d							1695	1950	990	1060	1220	990	610		990
JUS48	LUS48	4 ⁹ / ₁₆	1	(6) 10d	(4) 10d							915	1055	950	565	650	950	400		950
		4 ⁹ / ₁₆	1	(6) 16d	(4) 16d							1015	1170	1140	565	650	1140	400		1140
		4 ⁹ / ₁₆	2	(6) 10d	(4) 10d							915	1055	950	915	1055	950	640		950
		4 ⁹ / ₁₆	2	(6) 16d	(4) 16d		-					1100	1265	1140	1100	1265	1140	640	735	1140



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M		Min.		Fast	eners	2 x 4 S	upporting I	Member	2 x 6 Sı	upporting I	Member	2 x 8 S	upporting l	Member	2 x 10 S	upporting	Member	2 x 12 S	upporting	Member
USP		Heel Height	No. of Supporting Member Plies	Supporting	Supported	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift
Stock No.	Ref. No.	(in)		Member	Member	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
							4x	Connector	s											
HUS48	HUS48	61/4	1	(6) 10d	(6) 10d							1110	1280	1280	520	595	1280	400	400	1280
		6 ¹ / ₄	1	(6) 16d	(6) 16d							1220	1405	1520	520	595	1520	400	400	1520
		6 ¹ / ₄	2 2	(6) 10d (6) 16d	(6) 10d		-					1110 1320	1280	1280 1520	1035 1035	1195 1195	1280	600 600	690 690	1280 1520
THD48	HHUS48	6 ¹ / ₄ 7 ¹ / ₁₆	1	(8) 10d (28) 10d	(6) 16d (16) 10d							2855	1520 3280	2180	645	740	1520 2180	400	405	2180
111040	11110040	7 ¹ / ₁₆	i	(28) 16d	(16) 16d							3130	3595	2180	645	740	2180	400	405	2180
		71/16	2	(28) 10d	(16) 10d							2855	3280	2180	1285	1480	2180	705	810	2180
		$7^{1}/_{16}$	2	(28) 16d	(16) 16d		-					3390	3895	2180	1285	1480	2180	705	810	2180
THDH48	HGUS48	6 ⁵ / ₈	1	(36) 10d	(10) 10d							4745	5455	2255	615	710	2255	400	400	2255
		6 ⁵ / ₈	1	(36) 16d	(10) 16d		-					5200	5980	2675	615	710	2675	400	400	2675
		6 ⁵ / ₈	2 2	(36) 10d (36) 16d	(10) 10d (10) 16d							4745 5635	5455 6480	2255 2675	1235 1235	1420 1420	2255 2675	685 685	785 785	2255 2675
SUH410	U410	73/4	1	(14) 10d	(6) 10d									2075	1400	1610	960	715	820	960
3011410	0410	$\frac{7/4}{7^3/4}$	i	(14) 16d	(6) 16d										1535	1770	960	715	820	960
		73/4	2	(14) 10d	(6) 10d										1400	1610	960	1400	1610	960
		73/4	2	(14) 16d	(6) 16d		_								1665	1915	960	1430	1645	960
JUS410	LUS410	8 ³ / ₈	1	(8) 10d	(6) 10d		-								1275	1465	1385	955	1100	1385
		8 ³ / ₈	1	(8) 16d	(6) 16d										1410	1625	1665	955	1100	1665
		8 ³ / ₈	2	(8) 10d	(6) 10d										1275	1465	1385	1275	1465	1385
HUS410	HUS410	8 ³ / ₈	2	(8) 16d (8) 10d	(6) 16d (8) 10d										1530 1480	1760 1705	1665 1560	1530 955	1760 1100	1665 1560
1103410	1103410	8 ³ / ₈	1	(8) 16d	(8) 16d										1625	1870	1855	955	1100	1855
		8 ³ / ₉	2	(8) 10d	(8) 10d		-								1480	1705	1560	1480	1705	1560
		8 ³ / ₈	2	(8) 16d	(8) 16d										1760	2025	1855	1760	2025	1855
THD410	HHUS410	9 ¹ / ₁₆	1	(38) 10d	(20) 10d										3875	4455	3235	1075	1235	3235
		9 ¹ / ₁₆	1	(38) 16d	(20) 16d										4245	4885	3235	1075	1235	3235
		9 ¹ / ₁₆	2	(38) 10d	(20) 10d		-								3875	4455	3235	2150	2475	3235
THDH410	HGUS410	9 ¹ / ₁₆ 8 ¹ / ₂	2	(38) 16d (46) 10d	(20) 16d (12) 10d										4600 5995	5290 6375	3235 2810	2150 1030	2475 1185	3235 2810
111011410	11003410	81/2	1	(46) 16d	(12) 16d										6570	6990	3335	1030	1185	3335
		81/2	2	(46) 10d	(12) 10d										5995	6375	2810	2060	2370	2810
		8 ¹ / ₂	2	(46) 16d	(12) 16d										7120	7570	3335	2060	2370	3335
THDH412	HGUS412	10 ¹ / ₂	1	(56) 10d	(14) 10d		-											6965	6965	3695
		10 ¹ / ₂	1	(56) 16d	(14) 16d													7635	7635	4390
		101/2	2 2	(56) 10d	(14) 10d												-	6965	6965	3695
		10 ¹ / ₂	2	(56) 16d	(14) 16d													8270	8270	4390
110 1000				(10) 10 1	(0) 10 1 1 10			scellaneou							4==0	400=		1015	440=	
HD17925	HU9	8	1 1	(18) 10d (18) 16d	(6) 10d x 1 1/2 (6) 10d x 1 1/2										1750 1920	1825 2005	895 895	1015 1015	1165 1165	895 895
		8	2	(18) 10d	(6) 10d x 1 1/2										1750	1825	895	1750	1825	895
		8	2	(18) 16d	(6) 10d x 1 1/2										2080	2170	895	2025	2170	895
THDH610	HGUS5.50/10	8 ¹³ / ₁₆	1	(46) 10d	(16) 10d										6335	6970	3230	985	1135	3230
		8 ¹³ / ₁₆	1	(46) 16d	(16) 16d										6940	7640	3835	985	1135	3835
		8 ¹³ / ₁₆	2	(46) 10d	(16) 10d										6335	6970	3230	1975	2270	3230
TUDU7010	1101107.05/40	8 ¹³ / ₁₆	2	(46) 16d	(16) 16d										7520	8275	3835	1975	2270	3835
THDH7210	HGUS7.25/10	8 ¹⁵ / ₁₆ 8 ¹⁵ / ₁₆	1	(46) 10d (46) 16d	(12) 10d (12) 16d										5995 6570	6375 6990	2810 3335	920 920	1060 1060	2810 3335
		8 ¹⁵ / ₁₆	2	(46) 10d	(12) 10d										5995	6375	2810	1840	2120	2810
		8 ¹⁵ / ₁₆	2	(46) 16d	(12) 16d										7120	7570	3335	1840	2120	3335
		7 / 18		, , ,	, , , , , , , ,		45° Ske	wed Conn	ectors											
SKH24L/R	SUR/L24	3 ¹ / ₄	1	(4) 10d	(4) 10d x 1 1/2	400	430	565	400	400	565	400	400	565	400	400	565	400	400	565
		31/4	1	(4) 16d	(4) 10d x 1 1/2	440	470	565	400	400	565	400	400	565	400	400	565	400	400	565
		31/4	2	(4) 10d	(4) 10d x 1 1/2	400	430	565	400	400	565	400	400	565	400	400	565	400	400	565
		31/4	2	(4) 16d	(4) 10d x 1 1/2	475	510	565	400	400	565	400	400	565	400	400	565	400	400	565
SKH26L/R	SUR/L26	4 ³ / ₈	1	(6) 10d	(6) 10d x 1 1/2				435	500	930	400	400	930	400	400	930	400	400	930
		4 ³ / ₈ 4 ³ / ₉	1 2	(6) 16d (6) 10d	(6) 10d x 1 1/2 (6) 10d x 1 1/2				435 600	500 690	930 930	400 400	400 435	930 930	400 400	400 400	930 930	400 400	400 400	930 930
ĺ		4 ³ / ₈	2 2	(6) 10d (6) 16d	(6) 10d x 1 1/2 (6) 10d x 1 1/2				715	820	930	400	435	930	400	400	930	400	400	930
		⊶ /8		(0) 100	(0) 100 x 1 1/2				710	020	300	700	700	300	700	700	900	700	700	900



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MIR	in.	Min.		Fast	eners	2 x 4 Si	upporting I	/lember	2 x 6 Sı	upporting I	Member	2 x 8 Si	upporting I	Member	2 x 10 S	upporting	Member	2 x 12 S	upporting	Member
		Heel	No. of Supporting				nload			nload			nload			nload		Dow		
USP Stock No.	Ref. No.	Height (in)	Member Plies	Supporting Member	Supported Member	100%	115%	Uplift 160%	100%	115%	Uplift 160%	100%	115%	Uplift 160%	100%	115%	Uplift 160%	100%	115%	Uplift 160%
						100 /6		wed Conn		11376	100 /6	10078	11376	100 /6	10076	11376	100 /6	100 /6	11376	100 /6
SKHH26L/R		5	1	(18) 10d	(12) 10d x 1 1/2		45 SK		1100	1265	1900	400	400	1900	400	400	1900	400	400	1900
		5	1	(18) 16d	(12) 10d x 1 1/2				1205	1390	1900	400	400	1900	400	400	1900	400	400	1900
		5	2	(18) 10d	(12) 10d x 1 1/2				1100	1265	1900	610	700	1900	400	400	1900	400	400	1900
SKH28L/R		6 ¹⁵ / ₁₆	2 1	(18) 16d (10) 10d	(12) 10d x 1 1/2 (8) 10d x 1 1/2				1305	1505	1900	610 1000	700 1155	1900 1240	400 530	400 610	1900 1240	400 400	400 400	1900 1240
SKI120L/H		6 ¹⁵ / ₁₆	1	(10) 16d	(8) 10d x 1 1/2							1100	1265	1240	530	610	1240	400	400	1240
		6 ¹³ / ₁₆	2	(10) 10d	(8) 10d x 1 1/2			-	-			1000	1155	1240	1000	1155	1240	610	700	1240
OKUU OOL /D		6 ¹⁵ / ₁₆	2	(10) 16d	(8) 10d x 1 1/2							1190	1370	1240	1060	1220	1240	610	700	1240
SKHH28L/R		6 ³ / ₄	1	(26) 10d (26) 16d	(16) 10d x 1 1/2 (16) 10d x 1 1/2							1590 1745	1825 2005	2535 2535	565 565	650 650	2535 2535	400 400	400 400	2535 2535
		6 ³ / ₄	2	(26) 10d	(16) 10d x 1 1/2							1590	1825	2535	1130	1300	2535	640	735	2535
		6 ³ / ₄	2	(26) 16d	(16) 10d x 1 1/2			-				1890	2170	2535	1130	1300	2535	640	735	2535
SKH210L/R	SUR/L210	8 ¹¹ / ₁₆	1	(14) 10d	(10) 10d x 1 1/2										1400	1505	1550	675	780	1550
		8 ¹¹ / ₁₆	1 2	(14) 16d (14) 10d	(10) 10d x 1 1/2 (10) 10d x 1 1/2										1535 1400	1650 1505	1550 1550	675 1350	780 1505	1550 1550
		8 ¹¹ / ₁₆ 8 ¹¹ / ₁₆	2	(14) 10d (14) 16d	(10) 10d x 1 1/2 (10) 10d x 1 1/2										1665	1790	1550	1350	1555	1550
SKHH210L/R		8 ³ / ₈	1	(34) 10d	(20) 10d x 1 1/2										2080	2390	3170	955	1100	3170
		8 ³ / ₈	1	(34) 16d	(20) 10d x 1 1/2		-		-			-			2280	2620	3170	955	1100	3170
		8 ³ / ₈	2	(34) 10d	(20) 10d x 1 1/2 (20) 10d x 1 1/2							-			2080	2390	3170	1915	2200 2200	3170 3170
SKH26L/R-2	SUR/L26-2	3 ⁵ / ₈	2 1	(34) 16d (6) 10d	(20) 10d X 1 1/2 (6) 10d				400	400	960	400	400	960	2470 400	2840 400	3170 960	1915 400	400	960
0.12022	0011/2202	3 ⁵ / ₈	1	(6) 16d	(6) 10d				400	400	960	400	400	960	400	400	960	400	400	960
		3 ⁵ / ₈	2	(6) 10d	(6) 10d				400	430	960	400	400	960	400	400	960	400	400	960
OKULIOSI /D O	HSUR/L26-2	3 ⁵ / ₈	2	(6) 16d	(6) 10d				400	430	960	400	400	960	400	400	960	400	400	960
SKHH26L/R-2	HSUR/L26-2	4 ¹ / ₂ 4 ¹ / ₂	1	(12) 10d (12) 16d	(4) 10d (4) 16d x 2 1/2				1220 1340	1405 1540	775 775	400 400	400 400	775 775	400 400	400 400	775 775	400 400	400 400	775 775
		41/2	2	(12) 10d	(4) 10d X 2 1/2				1220	1405	775	675	775	775	400	420	775	400	400	775
		41/2	2	(12) 16d	(4) 16d x 2 1/2				1450	1670	775	675	775	775	400	420	775	400	400	775
SKH28L/R-2		6 ³ / ₁₆	1	(10) 10d	(8) 10d							770	885	1280	400	400	1280	400	400	1280
		6 ³ / ₁₆	2	(10) 16d (10) 10d	(8) 10d (8) 10d							770 1000	885 1155	1280 1280	400 650	400 750	1280 1280	400 415	400 475	1280 1280
		6 ³ / ₁₆	2	(10) 16d	(8) 10d							1190	1370	1280	650	750	1280	415	475	1280
SKH210L/R-2	SUR/L210-2	8 ¹¹ / ₁₆	1	(14) 10d	(10) 10d										1400	1615	1565	675	780	1565
		8 ¹¹ / ₁₆	1	(14) 16d	(10) 10d										1535	1770	1565	675	780	1565
		8 ¹¹ / ₁₆ 8 ¹¹ / ₁₆	2 2	(14) 10d (14) 16d	(10) 10d (10) 10d										1400 1665	1615 1915	1565 1565	1355 1355	1555 1555	1565 1565
SKHH210L/R-2	HSUR/L210-2	7 ⁵ / ₁₆	1	(20) 10d	(6) 10d										2040	2345	975	715	820	975
		7 ⁵ / ₁₆	1	(20) 16d	(6) 16d x 2 1/2										2235	2570	1160	715	820	1160
		7 ⁵ / ₁₆	2	(20) 10d	(6) 10d										2040	2345	975	1425	1640	975
SKH46L/R	SUR/L46	7 ⁵ / ₁₆ 4 ⁵ / ₁₆	2	(20) 16d (10) 10d	(6) 16d x 2 1/2 (6) 10d				 575	660	1160	400	400	1160	2420 400	2785 400	1160 1160	1425 400	1640 400	1160 1160
SKI140L/II	3011/240	4 ⁵ / ₁₆	1	(10) 16d	(6) 16d				575	660	1160	400	400	1160	400	400	1160	400	400	1160
		4 ⁵ / ₁₆	2	(10) 10d	(6) 10d				1020	1170	1160	450	515	1160	400	400	1160	400	400	1160
		4 ⁵ / ₁₆	2	(10) 16d	(6) 16d				1150	1320	1160	450	515	1160	400	400	1160	400	400	1160
SKHH46L/R	HSUR/L46	$\frac{4^{1}/_{2}}{4^{1}/_{2}}$	1	(12) 10d (12) 16d	(6) 10d (6) 16d				1220 1340	1405 1540	975 1160	400 400	400 400	975 1160	400 400	400 400	975 1160	400 400	400 400	975 1160
		4 / ₂ 4 1/ ₂	2	(12) 10d	(6) 10d				1220	1405	975	675	775	975	400	420	975	400	400	975
		41/2	2	(12) 16d	(6) 16d				1450	1670	1160	675	775	1160	400	420	1160	400	400	1160
SKH410L/R	SUR/L410	6 ³ / ₄	1	(16) 10d	(10) 10d		_								1630	1875	1565	715	820	1565
		6 ³ / ₄	1 2	(16) 16d (16) 10d	(10) 16d (10) 10d										1785 1630	2055 1875	1565 1565	715 1425	820 1640	1565 1565
		6 ³ / ₄	2	(16) 10d (16) 16d	(10) 10d (10) 16d										1935	1875 2225	1565	1425	1640	1565
SKHH410L/R	HSUR/L410	7	1	(20) 10d	(10) 10d										2040	2345	1630	715	820	1630
		7	1	(20) 16d	(10) 16d			-	-						2235	2570	1935	715	820	1935
		7	2 2	(20) 10d	(10) 10d										2040 2420	2345 2785	1630 1935	1425 1425	1640 1640	1630 1935
			2	(20) 16d	(10) 16d		Lites/AP	 ick Conne							2420	2/83	1935	1420	1040	1935
DN064		c ⁷ /	4	(20) 404	(9) 10d ·· 4 4 /C					0270	EAE	400	400	EAE	400	400	EAF	400	400	EAE
BN264		2 ⁷ / ₈ 2 ⁷ / ₈	1 2	(20) 10d	(8) 10d x 1 1/2				2060	2370	545 545	400	430	545	400 400	400	545	400 400	400 400	545 545
BN284		2'/ ₈ 2 ⁷ / ₈	1	(20) 10d (20) 10d	(8) 10d x 1 1/2 (8) 10d x 1 1/2				2060	2370	545	750 2060	865 2370	545 545	400 615	455 705	545 545	400	400	545 545
D14204		2 / ₈	2	(20) 10d	(8) 10d x 1 1/2							2060	2370	545	1230	1415	545	685	785	545
L		Z /8		(20) 10u	(0) 100 X 1 1/2							2000	2310	343	1230	1413	J4J	005	100	343



ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Spruce-Pine-Fir)

		Min.		Fast	eners	2 x 4 S	upporting I	Member	2 x 6 S	upporting	Member	2 x 8 St	upporting	Member	2 x 10 S	Supporting	Member	2 x 12 S	upporting	Member
USP		Heel Height	No. of Supporting Member Plies	Supporting	Supported	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift
Stock No.	Ref. No.	(in)		Member	Member	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
							Hip/Ja	ck Connec	ctors											
HTHJ26-18	LTHJR/L	4 ⁷ / ₈	1	(16) 10d	(12) 10d				685	785	1020	400	400	1020	400	400	1020	400	400	1020
		4 ⁷ / ₈	1	(16) 16d	(12) 16d		-		685	785	1115	400	400	1115	400	400	1115	400	400	1115
		4 ⁷ / ₈	2	(16) 10d	(12) 10d				1365	1570	1020	495	570	1020	400	400	1020	400	400	1020
		4 ⁷ / ₈	2	(16) 16d	(12) 16d				1365	1570	1210	495	570	1210	400	400	1210	400	400	1210
HJC26		5 ³ / ₁₆	1	(16) 10d	(12) 10d				1740	2000	1320	415	480	1320	400	400	1320	400	400	1320
		5 ³ / ₁₆	1 2	(16) 16d (16) 10d	(12) 10d (12) 10d				1905 1740	2190 2000	1320 1320	415 835	480 960	1320 1320	400 430	400 495	1320 1320	400 400	400 400	1320 1320
		5 ³ / ₁₆ 5 ³ / ₁₆	2	(16) 10d (16) 16d	(12) 10d (12) 10d				2065	2375	1320	835	960	1320	430	495	1320	400	400	1320
HHC26		4 ¹⁵ / ₁₆	1	(20) 10d	(10) 10d				2175	2480	1545	400	455	1545	400	400	1545	400	400	1545
		415/40	1	(20) 16d	(10) 10d				2380	2720	1545	400	455	1545	400	400	1545	400	400	1545
		4 ¹⁵ / ₁₆	2	(20) 10d	(10) 10d				2175	2480	1545	790	910	1545	415	475	1545	400	400	1545
		4 ¹⁵ / ₁₆	2	(20) 16d	(10) 10d				2580	2945	1545	790	910	1545	415	475	1545	400	400	1545
HJHC26		5 ⁷ / ₁₆	1	(20) 10d	(12) 10d				2175	2480	1545	400	455	1545	400	400	1545	400	400	1545
		5'/ ₁₆	1	(20) 16d	(12) 10d				2380	2720	1545	400	455	1545	400	400	1545	400	400	1545
		5 ⁷ / ₁₆	2 2	(20) 10d	(12) 10d		-		2175 2580	2480 2945	1545 1545	790	910 910	1545	415 415	475 475	1545 1545	400 400	400 400	1545 1545
HJC28		5'/ ₁₆ 6 ¹ / ₄	1	(20) 16d (20) 10d	(12) 10d (14) 10d				2580	2945	1545	790 2175	2480	1545 1540	670	770	1545	400	420	1545
110020		6 ¹ / ₄	1	(20) 16d	(14) 10d							2380	2720	1540	670	770	1540	400	420	1540
		61/4	2	(20) 10d	(14) 10d							2175	2480	1540	1345	1545	1540	730	840	1540
		6 ¹ / ₄	2	(20) 16d	(14) 10d							2580	2945	1540	1345	1545	1540	730	840	1540
HHC28		6	1	(24) 10d	(12) 10d							2480	2480	1545	630	725	1545	400	400	1545
		6	1	(24) 16d	(12) 10d				1			2720	2720	1545	630	725	1545	400	400	1545
		6	2	(24) 10d	(12) 10d							2480	2480	1545	1260	1450	1545	695	800	1545
		6	2	(24) 16d	(12) 10d							2945	2945	1545	1260	1450	1545	695	800	1545
HJHC28	мтнм	6 ¹ / ₂ 6 ¹ / ₂	1	(24) 10d (24) 16d	(14) 10d (14) 10d							2480 2720	2480 2720	1545 1545	645 645	740 740	1545 1545	400 400	405 405	1545 1545
		6 ¹ / ₂	2	(24) 10d	(14) 10d (14) 10d							2480	2480	1545	1285	1480	1545	705	810	1545
		61/2	2	(24) 16d	(14) 10d							2945	2945	1545	1285	1480	1545	705	810	1545
				(= 1)	(11)	Ac	liustable S	ope/Skew	Connecto	rs					1200					
LSSH210	LSSU210	8	1	(10) 10d	(7) 10d x 1 1/2										410	470	895	400	400	895
Sloped only		8	2	(10) 10d	(7) 10d x 1 1/2										815	940	895	495	570	895
LSSH210	LSSU210	8	1	(10) 10d	(7) 10d x 1 1/2				-						410	470	895	400	400	895
Sloped & Skewed		8	2	(10) 10d	(7) 10d x 1 1/2										815	940	895	495	570	895
LSSH179	LSSUI25	8	1	(10) 10d	(7) 10d x 1 1/2										410	470	895	400	400	895
Sloped only	1.0011105	8	2	(10) 10d	(7) 10d x 1 1/2										815	940	895	495	570	895
LSSH179 Sloped & Skewed	LSSUI25	- 8 - 8	1 2	(10) 10d (10) 10d	(7) 10d x 1 1/2 (7) 10d x 1 1/2										410 815	470 940	895 895	400 495	400 570	895 895
LSSH31	LSSU210-2	7 ³ / ₁₆	1	(14) 10d	(12) 10d x 1 1/2										445	515	1330	490	400	1330
Sloped only		7 ³ / ₁₆	1	(14) 16d	(12) 10d x 1 1/2										445	515	1330	400	400	1330
		7 ³ / ₁₆	2	(14) 10d	(12) 10d x 1 1/2										895	1030	1330	535	615	1330
		7 ³ / ₁₆	2	(14) 16d	(12) 10d x 1 1/2										895	1030	1330	535	615	1330
LSSH31	LSSU210-2	7 ³ / ₁₆	1	(14) 10d	(12) 10d x 1 1/2										445	515	1330	400	400	1330
Sloped & Skewed	1	7 ³ / ₁₆	1 2	(14) 16d	(12) 10d x 1 1/2										445	515	1330	400	400	1330
		$7^{3}/_{16}$ $7^{3}/_{16}$	2	(14) 10d (14) 16d	(12) 10d x 1 1/2 (12) 10d x 1 1/2										895 895	1030 1030	1330 1330	535 535	615 615	1330 1330
LSSH35	LSSU410	7 ⁷ / ₁₆	1	(14) 10d	(12) 10d x 1 1/2										445	515	1330	400	400	1330
Sloped Only		7 ³ / ₁₆	1	(14) 16d	(12) 10d x 1 1/2										445	515	1330	400	400	1330
		7 ³ / ₁₆	2	(14) 10d	(12) 10d x 1 1/2										895	1030	1330	535	615	1330
		7 ³ / ₁₆	2	(14) 16d	(12) 10d x 1 1/2										895	1030	1330	535	615	1330
LSSH35	LSSU410	7 ³ / ₁₆	1	(14) 10d	(12) 10d x 1 1/2										445	515	1330	400	400	1330
Sloped & Skewed	1	7 ³ / ₁₆	1	(14) 16d	(12) 10d x 1 1/2										445	515	1330	400	400	1330
		7 ³ / ₁₆	2	(14) 10d	(12) 10d x 1 1/2										895	1030	1330	535	615	1330
		$7^{3}/_{16}$	2	(14) 16d	(12) 10d x 1 1/2										895	1030	1330	535	615	1330

¹⁾ Tabulated loads are in pounds.

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²⁾ Minimum heel height is measured from the top of the bearing seat to the uppermost nail into the supporting member + 3/8".

³⁾ ANSI/TPI 1-2014 contains plating methods for satisfying this requirement. To avoid reduction of capacity, please consult with truss fabricator or contact MiTek USA.
4) 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.