

### ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)

	MITIGK														1			1		
		Min.	No. of Commontinu	Fast	eners	2 x 4 S	upporting l	Member	2 x 6 S	upporting	Member	2 x 8 Su	pporting	Member	2 x 10 S	upporting	Member	2 x 12 S	Supporting	Member
USP Stock No.	Ref. No.	Heel Height (in)	No. of Supporting Member Plies	Supporting Member	Supported Member		nload	Uplift		nload	Uplift	Dowr		Uplift		nload	Uplift		nload	Uplift
Stock No.		()		Member	Mellibei	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
							1 Ply	Carried Me	mber											
JL24	LU24	2 <sup>11</sup> / <sub>16</sub>	1	(4) 10d	(2) 10d x 1 1/2	455	525	245	400	400	245	400	400	245	400	400	245	400	400	245
		2 <sup>11</sup> / <sub>16</sub>	1	(4) 16d	(2) 10d x 1 1/2	500	570	245	400	400	245	400	400	245	400	400	245	400	400	245
		2 <sup>11</sup> / <sub>16</sub>	2	(4) 10d	(2) 10d x 1 1/2	455	525	245	400	400	245	400	400	245	400	400	245	400	400	245
		2 <sup>11</sup> / <sub>16</sub>	2	(4) 16d	(2) 10d x 1 1/2	545	625	245	400	400	245	400	400	245	400	400	245	400	400	245
SUH24	U24	2 <sup>11</sup> / <sub>16</sub> 2 <sup>11</sup> / <sub>16</sub>	1	(4) 10d (4) 16d	(2) 10d x 1 1/2 (2) 10d x 1 1/2	465 510	535 585	360 360	400 400	400 400	360 360	400 400	400 400	360 360	400 400	400 400	360 360	400 400	400 400	360 360
		2 / <sub>16</sub> 2 11/ <sub>16</sub>	2	(4) 10d	(2) 10d x 1 1/2	465	535	360	400	400	360	400	400	360	400	400	360	400	400	360
		2 <sup>11</sup> / <sub>16</sub>	2	(4) 16d	(2) 10d x 1 1/2	550	635	360	400	400	360	400	400	360	400	400	360	400	400	360
JUS24	LUS24	2 <sup>1</sup> / <sub>4</sub>	1	(4) 10d	(2) 10d	520	595	510	400	400	510	400	400	510	400	400	510	400	400	510
		2 <sup>1</sup> / <sub>4</sub>	2	(4) 10d	(2) 10d	655	750	510	400	400	510	400	400	510	400	400	510	400	400	510
JL26	LU26	4 <sup>3</sup> / <sub>8</sub>	1	(6) 10d (6) 16d	(4) 10d x 1 1/2 (4) 10d x 1 1/2				685 710	785 815	485 485	400 400	400 400	485 485	400 400	400 400	485 485	400 400	400 400	485 485
		4 <sup>3</sup> / <sub>8</sub>	2	(6) 10d	(4) 10d x 1 1/2 (4) 10d x 1 1/2				685	785	485	575	660	485	400	400	485	400	400	485
		4 <sup>3</sup> / <sub>9</sub>	2	(6) 16d	(4) 10d x 1 1/2				815	940	485	575	660	485	400	400	485	400	400	485
SUH26	U26	4 <sup>5</sup> / <sub>16</sub>	1	(6) 10d	(4) 10d x 1 1/2				695	800	725	430	490	725	400	400	725	400	400	725
		4 <sup>5</sup> / <sub>16</sub>	1	(6) 16d	(4) 10d x 1 1/2				765	875	725	430	490	725	400	400	725	400	400	725
		4 <sup>5</sup> / <sub>16</sub>	2	(6) 10d	(4) 10d x 1 1/2				695	800	725	695	800	725	470	540	725	400	400	725
HD26	HU26	4 <sup>5</sup> / <sub>16</sub>	1	(6) 16d (4) 10d	(4) 10d x 1 1/2 (2) 10d x 1 1/2				830 400	950 400	725 290	830 400	950 400	725 290	470 400	540 400	725 290	400 400	400 400	725 290
11020	11020	1 <sup>7</sup> / <sub>8</sub>	1	(4) 16d	(2) 10d x 1 1/2				400	400	290	400	400	290	400	400	290	400	400	290
		1 <sup>7</sup> / <sub>0</sub>	2	(4) 10d	(2) 10d x 1 1/2				405	470	290	400	400	290	400	400	290	400	400	290
		1 <sup>7</sup> / <sub>8</sub>	2	(4) 16d	(2) 10d x 1 1/2				405	470	290	400	400	290	400	400	290	400	400	290
JUS26	LUS26	4 <sup>7</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d				850	975	1115	400	400	1115	400	400	1115	400	400	1115
MUCOC	MUS26	4 <sup>7</sup> / <sub>16</sub>	2	(4) 10d (6) 10d	(4) 10d (6) 10d				850 1100	975 1265	1115 865	655 400	755 420	1115 865	400 400	400 400	1115 865	400 400	400 400	1115 865
MUS26	WU526	4 /4	1	(6) 10d	(6) 16d				1100	1265	800	400	420	800	400	400	800	400	400	800
		41/4	2	(6) 10d	(6) 10d				1285	1475	865	735	845	865	415	480	865	400	400	865
		41/4	2	(6) 16d	(6) 16d				1530	1760	865	735	845	865	415	480	865	400	400	865
HUS26	HUS26	45/16	1	(14) 10d	(6) 10d				2220	2550	1620	555	640	1620	400	400	1620	400	400	1620
		4 <sup>5</sup> / <sub>16</sub>	1	(14) 16d	(6) 16d				2430	2795	1925	555	640	1925	400	400	1925	400	400	1925
		4 <sup>5</sup> / <sub>16</sub> 4 <sup>5</sup> / <sub>16</sub>	2	(14) 10d (14) 16d	(6) 10d (6) 16d				2220 2635	2550 3030	1620 1925	1110 1110	1280 1280	1620 1925	575 575	660 660	1620 1925	400 400	400 400	1620 1925
THD26		5 <sup>1</sup> / <sub>4</sub>	1	(18) 10d	(12) 10d x 1 1/2				2095	2405	2170	420	480	2170	400	400	2170	400	400	2170
		5 <sup>1</sup> / <sub>4</sub>	1	(18) 16d	(12) 10d x 1 1/2				2295	2635	2170	420	480	2170	400	400	2170	400	400	2170
		5 <sup>1</sup> / <sub>4</sub>	2	(18) 10d	(12) 10d x 1 1/2				2095	2405	2170	835	960	2170	460	530	2170	400	400	2170
		5 <sup>1</sup> / <sub>4</sub>	2	(18) 16d	(12) 10d x 1 1/2				2485	2855	2170	835	960	2170	460	530	2170	400	400	2170
JL28	LU28	5 <sup>15</sup> / <sub>16</sub>	1	(10) 10d (10) 16d	(6) 10d x 1 1/2 (6) 10d x 1 1/2							645 645	745 745	885 885	400 400	400 400	885 885	400 400	400 400	885 885
		5 <sup>15</sup> / <sub>16</sub> 5 <sup>15</sup> / <sub>16</sub>	2	(10) 10d	(6) 10d x 1 1/2							1140	1295	885	640	735	885	400	400	885
		5 <sup>15</sup> / <sub>16</sub>	2	(10) 16d	(6) 10d x 1 1/2							1295	1485	885	640	735	885	400	400	885
SUH28		6 <sup>1</sup> / <sub>16</sub>	1	(8) 10d	(6) 10d x 1 1/2							930	1065	800	620	710	800	400	420	800
		6 <sup>1</sup> / <sub>16</sub>	1	(8) 16d	(6) 10d x 1 1/2							1020	1170	800	620	710	800	400	420	800
		6 <sup>1</sup> / <sub>16</sub>	2 2	(8) 10d (8) 16d	(6) 10d x 1 1/2 (6) 10d x 1 1/2							930 1105	1065 1270	800 800	930 1105	1065 1270	800 800	735 735	845 845	800 800
HD28	HU28	4 <sup>3</sup> / <sub>8</sub>	1	(8) 10d	(4) 10d x 1 1/2				950	1090	730	440	505	730	400	400	730	400	400	730
11020	11020	4 <sup>3</sup> / <sub>8</sub>	1	(8) 16d	(4) 10d x 1 1/2				1045	1195	730	440	505	730	400	400	730	400	400	730
		4 <sup>3</sup> / <sub>8</sub>	2	(8) 10d	(4) 10d x 1 1/2				950	1090	730	880	1010	730	480	550	730	400	400	730
		4 <sup>3</sup> / <sub>8</sub>	2	(8) 16d	(4) 10d x 1 1/2				1130	1295	730	880	1010	730	480	550	730	400	400	730
JUS28	LUS28	4 <sup>3</sup> / <sub>8</sub>	1 2	(6) 10d	(4) 10d							1075 1075	1235 1235	1115 1115	620	715 1235	1115 1115	400 735	425 845	1115 1115
MUS28	MUS28	6 <sup>5</sup> / <sub>16</sub>	1	(6) 10d (8) 10d	(4) 10d (8) 10d							1710	1235	1115	1075 585	675	1115	400	405	1115
	1110020	6 <sup>5</sup> / <sub>16</sub>	1	(8) 16d	(8) 16d							1885	2165	1135	585	675	1135	400	405	1135
		6 <sup>5</sup> / <sub>16</sub>	2	(8) 10d	(8) 10d		-					1710	1970	1230	1170	1350	1230	705	810	1230
		6 <sup>5</sup> / <sub>16</sub>	2	(8) 16d	(8) 16d							2040	2345	1230	1170	1350	1230	705	810	1230
HUS28	HUS28	6 <sup>11</sup> / <sub>16</sub>	1	(22) 10d	(8) 10d							3345	3660	2165	895	1030	2165	485	560	2165
		6 <sup>11</sup> / <sub>16</sub>	1 2	(22) 16d (22) 10d	(8) 16d (8) 10d							3665 3345	4010 3660	2570 2165	895 1790	1030 2060	2570 2165	485 970	560 1120	2570 2165
		6 / <sub>16</sub>	2	(22) 10d (22) 16d	(8) 16d							3970	4345	2570	1790	2060	2570	970	1120	2570
		U /16		(22) 10u	(0) 100							3370	7070	2010	1730	2000	2010	310	1120	2010



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		Min.		Fast	eners	2 x 4 Sı	upporting I	Member	2 x 6 Sı	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	Dowi	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 <sup>1</sup> / <sub>16</sub>	1	(28) 10d	(16) 10d x 1 1/2		-					3255	3340	2330	770	885	2330	435	500	2330
		7 <sup>1</sup> / <sub>16</sub>	1		(16) 10d x 1 1/2		-					3570	3660	2330	770	885	2330	435	500	2330
					(16) 10d x 1 1/2							3255	3340	2330	1540	1775	2330	870	1000	2330
11.040	111040		_		(16) 10d x 1 1/2							3865	3965	2330	1540	1775	2330	870	1000	2330
JL210	LU210	711/			(8) 10d x 1 1/2 (8) 10d x 1 1/2										1595 1760	1835 1815	1095 1095	855 855	985 985	1095 1095
		7 / <sub>16</sub>			(8) 10d x 1 1/2										1595	1835	1095	1595	1835	1095
			_		(8) 10d x 1 1/2										1905	1965	1095	1715	1965	1095
SUH210	U210		1	(10) 10d	(6) 10d x 1 1/2										1160	1335	1085	745	860	1085
			1	(10) 16d	(6) 10d x 1 1/2		-								1275	1465	1085	745	860	1085
		6 <sup>1</sup> / <sub>16</sub>	2	(10) 10d	(6) 10d x 1 1/2										1160	1335	1085	1160	1335	1085
		6 <sup>1</sup> / <sub>16</sub>	2	(10) 16d	(6) 10d x 1 1/2										1380	1585	1085	1380	1585	1085
HD210	HU210	4 <sup>3</sup> / <sub>8</sub>	1	(12) 10d	(4) 10d x 1 1/2		-					1425	1640	730	875	1005	730	480	550	730
	Height   H	(4) 10d x 1 1/2							1560	1795	730	875	1005	730	480	550	730			
				• •	(4) 10d x 1 1/2							1425	1640	730	1425	1640	730	955	1100	730
	1110010				(4) 10d x 1 1/2							1690	1945	730	1690	1945	730	955	1100	730
JUS210	LUS210				(4) 10d										1305	1500	1115	665	765	1115
11110010	11110010				(4) 10d		-								1305	1500 4640	1115	1305	1500 1710	1115
HUS210	HU5210				(10) 10d (10) 16d										4470 4900	5085	2700 3205	1490 1490	1710	2700 3205
					(10) 10d										4470	4640	2700	2975	3420	2700
					(10) 16d										5310	5510	3205	2975	3420	3205
THD210			1		(20) 10d x 1 1/2										4275	4305	3095	1305	1500	3095
			1		(20) 10d x 1 1/2										4685	4720	3095	1305	1500	3095
			2		(20) 10d x 1 1/2										4275	4305	3095	2605	2995	3095
			2		(20) 10d x 1 1/2										5075	5115	3095	2605	2995	3095
MSH29	THA29				(4) 10d										2445	2635	785	1100	1265	785
		31/4	2	(18) 10d	(4) 10d		-								2445	2635	785	2195	2525	785
								Carried Me												
SUH24-2	U24-2				(2) 10d	630	720	370	400	400	370	400	400	370	400	400	370	400	400	370
			•		(2) 16d	630	720	370	400	400	370	400	400	370	400	400	370	400	400	370
					(2) 10d (2) 16d	695 830	800 950	370 370	400 400	400 400	370 370	400 400	400 400	370 370	400 400	400 400	370 370	400 400	400 400	370 370
JUS24-2	111524-2				(2) 10d	650	750	270	400	400	270	400	400	270	400	400	270	400	400	270
30324-2	L0324-2				(2) 16d	720	830	325	400	400	325	400	400	325	400	400	325	400	400	325
					(2) 10d	650	750	270	400	425	270	400	400	270	400	400	270	400	400	270
			2		(2) 16d	780	900	325	400	425	325	400	400	325	400	400	325	400	400	325
HUS24-2		2 <sup>5</sup> / <sub>8</sub>	1		(2) 10d	675	775	415	400	400	415	400	400	415	400	400	415	400	400	415
		2 <sup>5</sup> / <sub>8</sub>	1	(4) 16d	(2) 16d	740	850	495	400	400	495	400	400	495	400	400	495	400	400	495
		2 <sup>5</sup> / <sub>8</sub>	2	(4) 10d	(2) 10d	675	775	415	400	425	415	400	400	415	400	400	415	400	400	415
			2		(2) 16d	800	920	495	400	425	495	400	400	495	400	400	495	400	400	495
SUH26-2	U26-2	411/16			(4) 10d				930	1065	740	440	505	740	400	400	740	400	400	740
		4''/ <sub>16</sub>			(4) 16d				1020	1170	740	440	505	740	400	400	740	400	400	740
		4''/16			(4) 10d		-		930	1065	740	880	1015	740	480	555	740	400	400	740
HD26-2	H1126-2				(4) 16d (6) 10d				1105 1425	1270 1640	740 1140	880 405	1015 465	740 1140	480 400	555 400	740 1140	400 400	400 400	740 1140
1.520-2	11020-2	5 <sup>3</sup> /			(6) 16d				1560	1795	1140	405	465	1140	400	400	1140	400	400	1140
		5 <sup>3</sup> / <sub>40</sub>	·		(6) 10d				1425	1640	1140	810	935	1140	450	520	1140	400	400	1140
					(6) 16d				1690	1945	1140	810	935	1140	450	520	1140	400	400	1140
JUS26-2	LUS26-2	4 <sup>13</sup> / <sub>16</sub>			(4) 10d				845	975	1130	520	595	1130	400	400	1130	400	400	1130
		413/16			(4) 16d				935	1080	1355	520	595	1355	400	400	1355	400	400	1355
		4 <sup>13</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d		-		845	975	1130	845	975	1130	545	625	1130	400	400	1130
		4 <sup>13</sup> / <sub>16</sub>			(4) 16d		-		1015	1170	1355	1015	1170	1355	545	625	1355	400	400	1355
HUS26-2	HUS26-2	4 <sup>13</sup> / <sub>16</sub>			(4) 10d				865	1000	940	520	595	940	400	400	940	400	400	940
		413/16	·		(4) 16d		-		950	1095	1115	520	595	1115	400	400	1115	400	400	1115
		4 <sup>13</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d		-		865	1000	940	865	1000	940	545	625	940	400	400	940
San fontantos o		4 <sup>13</sup> / <sub>16</sub>	2	(4) 16d	(4) 16d				1030	1185	1115	1030	1185	1115	545	625	1115	400	400	1115



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USP Stock No. Re		Min.	No. of Commention	Faste	eners	2 x 4 Sı	upporting I	Member	2 x 6 S	upporting	Member	2 x 8 Sı	upporting l	Member	2 x 10 S	upporting	Member	2 x 12 S	upporting	Member
		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 <sup>3</sup> / <sub>8</sub>	1	(18) 10d	(12) 10d		-		2140	2460	2285	555	640	2285	400	400	2285	400	400	2285
		5 <sup>3</sup> / <sub>8</sub>	1	(18) 16d	(12) 16d				2345	2695	2285	555	640	2285	400	400	2285	400	400	2285
		5 <sup>3</sup> / <sub>8</sub>	2	(18) 10d	(12) 10d				2140	2460	2285	1110	1280	2285	575	660	2285	400	400	2285
TI I DI I DO D		5 <sup>3</sup> / <sub>8</sub>	2	(18) 16d	(12) 16d				2540	2920	2285	1110	1280	2285	575	660	2285	400	400	2285
THDH26-2	HGUS26-2	4 <sup>15</sup> / <sub>16</sub> 4 <sup>15</sup> / <sub>16</sub>	1	(22) 10d (22) 16d	(8) 10d (8) 16d		=		3295 3615	3795 4160	1880 2235	555 555	640 640	1880 2235	400 400	400 400	1880 2235	400 400	400 400	1880 2235
		4 / <sub>16</sub> 4 15/ <sub>16</sub>	2	(22) 10d	(8) 10d				3295	3795	1880	1110	1280	1880	575	660	1880	400	400	1880
		4 <sup>15</sup> / <sub>16</sub>	2	(22) 16d	(8) 16d				3915	4505	2235	1110	1280	2235	575	660	2235	400	400	2235
SUH28-2		4 <sup>11</sup> / <sub>16</sub>	1	(10) 10d	(4) 10d							1160	1335	740	490	560	740	400	400	740
		4 <sup>11</sup> / <sub>16</sub>	1	(10) 16d	(4) 16d							1250	1435	740	490	560	740	400	400	740
		4 <sup>11</sup> / <sub>16</sub>	2	(10) 10d	(4) 10d							1160	1335	740	975	1125	740	605	700	740
		4 <sup>11</sup> / <sub>16</sub>	2	(10) 16d	(4) 16d							1380	1585	740	975	1125	740	605	700	740
HD28-2	HU28-2	5 <sup>5</sup> / <sub>16</sub>	1	(14) 10d	(6) 10d							1665	1910	1140	820	945	1140	455	525	1140
		5 <sup>5</sup> / <sub>16</sub>	1	(14) 16d	(6) 16d							1825	2095	1140	820	945	1140	455	525	1140
		5 <sup>5</sup> / <sub>16</sub> 5 <sup>5</sup> / <sub>16</sub>	2 2	(14) 10d (14) 16d	(6) 10d							1665 1975	1910 2270	1140 1140	1640 1640	1885 1885	1140 1140	910 910	1050 1050	1140 1140
JUS28-2	LUS28-2	4 <sup>13</sup> / <sub>16</sub>	1	(6) 10d	(6) 16d (4) 10d							1075	1235	1130	895	1030	1130	485	560	1130
00020-2	L0320-2	4 / 16 4 13 / 16	1	(6) 16d	(4) 16d							1190	1370	1355	895	1030	1355	485	560	1355
		4 <sup>13</sup> / <sub>16</sub>	2	(6) 10d	(4) 10d							1075	1235	1130	1075	1235	1130	970	1120	1130
		4 <sup>13</sup> / <sub>16</sub>	2	(6) 16d	(4) 16d							1290	1485	1355	1290	1485	1355	970	1120	1355
HUS28-2	HUS28-2	6 <sup>5</sup> / <sub>8</sub>	1	(6) 10d	(6) 10d							1305	1500	1525	895	1030	1525	485	560	1525
		6 <sup>5</sup> / <sub>8</sub>	1	(6) 16d	(6) 16d							1430	1645	1810	895	1030	1810	485	560	1810
		6 <sup>5</sup> / <sub>8</sub>	2	(6) 10d	(6) 10d							1305	1500	1525	1305	1500	1525	970	1120	1525
<b>TUDOS</b> 0		6 <sup>5</sup> / <sub>8</sub>	2	(6) 16d	(6) 16d							1550	1780	1810	1550	1780	1810	970	1120	1810
THD28-2	HHUS28-2	71/8	1	(28) 10d	(16) 10d		-					3325	3825	2595 2595	895 895	1030	2595 2595	485 485	560 560	2595 2595
		7 <sup>1</sup> / <sub>8</sub>	2	(28) 16d (28) 10d	(16) 16d (16) 10d							3645 3325	4190 3825	2595	1790	1030 2060	2595	970	1120	2595
		7 <sup>1</sup> / <sub>8</sub>	2	(28) 16d	(16) 16d							3950	4540	2595	1790	2060	2595	970	1120	2595
THDH28-2	HGUS28-2	6 <sup>13</sup> / <sub>16</sub>	1	(36) 10d	(10) 10d							5505	6330	2245	895	1030	2245	485	560	2245
		6 <sup>13</sup> / <sub>16</sub>	1	(36) 16d	(10) 16d							6030	6935	2665	895	1030	2665	485	560	2665
		6 <sup>13</sup> / <sub>16</sub>	2	(36) 10d	(10) 10d		-					5505	6330	2245	1790	2060	2245	970	1120	2245
		6 <sup>13</sup> / <sub>16</sub>	2	(36) 16d	(10) 16d							6535	7515	2665	1790	2060	2665	970	1120	2665
SUH210-2	U210-2	8	1	(14) 10d	(6) 10d										1625	1870	1115	1080	1245	1115
		- 8 - 8	1	(14) 16d	(6) 16d										1780	2050	1115	1080	1245	1115
		8	2 2	(14) 10d (14) 16d	(6) 10d (6) 16d										1625 1930	1870 2220	1115 1115	1625 1930	1870 2220	1115 1115
HD210-2	HU210-2	8 <sup>7</sup> / <sub>o</sub>	1	(14) 10d	(10) 10d										2140	2460	1905	1380	1585	1905
1152102	1102102	8 <sup>7</sup> / <sub>8</sub>	1	(18) 16d	(10) 16d										2345	2695	1905	1380	1585	1905
		8 <sup>7</sup> / <sub>8</sub>	2	(18) 10d	(10) 10d										2140	2460	1905	2140	2460	1905
		8 <sup>7</sup> / <sub>8</sub>	2	(18) 16d	(10) 16d							-			2540	2920	1905	2540	2920	1905
JUS210-2	LUS210-2	8 <sup>5</sup> / <sub>8</sub>	1	(8) 10d	(6) 10d										1500	1720	1650	1490	1715	1650
		8 <sup>5</sup> / <sub>8</sub>	1	(8) 16d	(6) 16d										1660	1910	1980	1490	1715	1980
		8 <sup>5</sup> / <sub>8</sub>	2	(8) 10d	(6) 10d										1500	1720	1650	1500	1720	1650
HUS210-2	HUS210-2	8 <sup>5</sup> / <sub>8</sub>	2	(8) 16d	(6) 16d										1800	2070	1980	1800 1490	2070 1715	1980 1860
1103210-2	HU3210-2	8 <sup>5</sup> / <sub>8</sub>	1	(8) 10d (8) 16d	(8) 10d (8) 16d										1740 1905	2190	1860 2210	1490	1715	2210
		8 <sup>5</sup> / <sub>8</sub>	2	(8) 10d	(8) 10d										1740	2000	1860	1740	2000	1860
		8 <sup>5</sup> / <sub>8</sub>	2	(8) 16d	(8) 16d										2065	2375	2210	2065	2375	2210
THD210-2	HHUS210-2	9 <sup>1</sup> / <sub>8</sub>	1	(38) 10d	(20) 10d							-			4515	5185	3810	1490	1715	3810
		9 <sup>1</sup> / <sub>8</sub>	1	(38) 16d	(20) 16d										4950	5685	3810	1490	1715	3810
		9 <sup>1</sup> / <sub>8</sub>	2	(38) 10d	(20) 10d							-			4515	5185	3810	2985	3430	3810
		9 <sup>1</sup> / <sub>8</sub>	2	(38) 16d	(20) 16d										5360	6160	3810	2985	3430	3810
THDH210-2	HGUS210-2	8 <sup>11</sup> / <sub>16</sub>	1	(46) 10d	(12) 10d		-								6955	6955	2940	1490	1715	2940 3490
		8 <sup>11</sup> / <sub>16</sub>	1 2	(46) 16d	(12) 16d										7625 6955	7625 6955	3490 2940	1490 2985	1715 3430	2940
		8 <sup>11</sup> / <sub>16</sub> 8 <sup>11</sup> / <sub>16</sub>	2	(46) 10d (46) 16d	(12) 10d (12) 16d										8260	8260	3490	2985	3430	3490
See footnotes or		O /16		(40) Tou	(12) 10u					-					0200	0200	3430	2900	3430	3430



### ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)

	Millex																			
		Min.	No. of Commontinu	Faste	eners	2 x 4 Sı	upporting I	Member	2 x 6 Sı	upporting	Member	2 x 8 S	upporting l	Member	2 x 10 S	upporting	Member	2 x 12 S	upporting l	Member
USP		Heel Height	No. of Supporting Member Plies	Supporting	Supported	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dow	nload	Uplift	Dowi	ıload	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 <sup>1</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d				685	790	1130	400	400	1130	400	400	1130	400	400	1130
		4 <sup>1</sup> / <sub>16</sub>	1	(4) 16d	(4) 16d		-		685	790	1355	400	400	1355	400	400	1355	400	400	1355
		4 <sup>1</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d		-		845	975	1130	560	645	1130	400	400 400	1130	400	400 400	1130
THDH26-3	HGUS26-3	4 <sup>1</sup> / <sub>16</sub>	1	(4) 16d (20) 10d	(4) 16d (8) 10d		-		1015 3295	1170 3795	1355 1880	560 555	645 640	1355 1880	400 400	400	1355 1880	400 400	400	1355 1880
11101120-3	1100320-3	4 <sup>7</sup> / <sub>8</sub>	1	(20) 16d	(8) 16d				3615	4160	2235	555	640	2235	400	400	2235	400	400	2235
		4 <sup>7</sup> / <sub>8</sub>	2	(20) 10d	(8) 10d				3295	3795	1880	1110	1280	1880	575	660	1880	400	400	1880
		4 <sup>7</sup> / <sub>8</sub>	2	(20) 16d	(8) 16d		-		3915	4505	2235	1110	1280	2235	575	660	2235	400	400	2235
JUS28-3	LUS28-3	4 <sup>1</sup> / <sub>16</sub>	1	(6) 10d	(4) 10d		-					1075	1235	1130	540	620	1130	400	400	1130
		4 <sup>1</sup> / <sub>16</sub>	1	(6) 16d	(4) 16d							1190	1370	1355	540	620	1355	400	400	1355
		4 <sup>1</sup> / <sub>16</sub>	2	(6) 10d	(4) 10d		-					1075	1235	1130	1075	1235	1130	660	760	1130
THDH28-3	HGUS28-3	4 <sup>1</sup> / <sub>16</sub>	2	(6) 16d (36) 10d	(4) 16d (10) 10d							1290 5700	1485 6555	1355 2245	1080 895	1245 1030	1355 2245	660 485	760 560	1355 2245
11121120-3	1100020-0	71/4	1	(36) 16d	(10) 16d							6250	7185	2665	895	1030	2665	485	560	2665
		71/4	2	(36) 10d	(10) 10d							5700	6555	2245	1790	2060	2245	970	1120	2245
		71/4	2	(36) 16d	(10) 16d		-					6770	7785	2665	1790	2060	2665	970	1120	2665
JUS210-3	LUS210-3	7 <sup>7</sup> / <sub>8</sub>	1	(8) 10d	(6) 10d		-								1500	1720	1650	950	1095	1650
		7 <sup>7</sup> / <sub>8</sub>	1	(8) 16d	(6) 16d										1660	1910	1980	950	1095	1980
		7 <sup>7</sup> /8	2 2	(8) 10d	(6) 10d										1500	1720	1650	1500	1720	1650
THD210-3	HHUS210-3	7 <sup>7</sup> / <sub>8</sub> 8 <sup>7</sup> / <sub>8</sub>	1	(8) 16d (38) 10d	(6) 16d (20) 10d										1800 4765	2070 5480	1980 3850	1800 1275	2070 1465	1980 3850
1110210-3	111103210-3	8 <sup>7</sup> / <sub>8</sub>	1	(38) 16d	(20) 16d										5225	6010	3850	1275	1465	3850
		8 <sup>7</sup> / <sub>8</sub>	2	(38) 10d	(20) 10d										4765	5480	3850	2550	2935	3850
		8 <sup>7</sup> / <sub>8</sub>	2	(38) 16d	(20) 16d										5660	6510	3850	2550	2935	3850
THDH210-3	HGUS210-3	8 <sup>1</sup> / <sub>4</sub>	1	(46) 10d	(12) 10d		-								7345	8300	3845	1490	1715	3845
		8 <sup>1</sup> / <sub>4</sub>	1	(46) 16d	(12) 16d										8055	9095	4565	1490	1715	4565
		8 <sup>1</sup> / <sub>4</sub>	2	(46) 10d	(12) 10d							_			7345	8300	3845	2985	3430	3845
		8 <sup>1</sup> / <sub>4</sub>	2	(46) 16d	(12) 16d			 Connector							8725	9855	4565	2985	3430	4565
JUS44	LUS44	2 <sup>3</sup> / <sub>9</sub>	1	(4) 10d	(2) 10d	595	685	270	400	400	270	400	400	270	400	400	270	400	400	270
00044	20044	2 <sup>3</sup> / <sub>8</sub>	i	(4) 16d	(2) 16d	595	685	325	400	400	325	400	400	325	400	400	325	400	400	325
		2 <sup>3</sup> / <sub>8</sub>	2	(4) 10d	(2) 10d	650	750	270	400	400	270	400	400	270	400	400	270	400	400	270
		2 <sup>3</sup> / <sub>8</sub>	2	(4) 16d	(2) 16d	780	900	325	400	400	325	400	400	325	400	400	325	400	400	325
JUS46	LUS46	4 <sup>9</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d				845	975	1130	420	485	1130	400	400	1130	400	400	1130
		4 <sup>9</sup> / <sub>16</sub>	1 2	(4) 16d	(4) 16d				935	1080	1355	420	485	1355	400	400	1355	400	400 400	1355 1130
		4 <sup>9</sup> / <sub>16</sub>	2	(4) 10d (4) 16d	(4) 10d (4) 16d				845 1015	975 1170	1130 1355	840 840	965 965	1130 1355	465 465	535 535	1130 1355	400 400	400	1355
HUS46	HUS46	4 <sup>9</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d				865	1000	940	420	485	940	400	400	940	400	400	940
		4 <sup>9</sup> / <sub>16</sub>	1	(4) 16d	(4) 16d				950	1095	1115	420	485	1115	400	400	1115	400	400	1115
		4 <sup>9</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d				865	1000	940	840	965	940	465	535	940	400	400	940
		4 <sup>9</sup> / <sub>16</sub>	2	(4) 16d	(4) 16d		-		1030	1185	1115	840	965	1115	465	535	1115	400	400	1115
THD46	HHUS46	5 <sup>5</sup> / <sub>16</sub>	1	(18) 10d	(12) 10d (12) 16d				2140	2460	2285	525	605	2285	400	400	2285	400	400	2285 2285
		5 <sup>5</sup> / <sub>16</sub> 5 <sup>5</sup> / <sub>16</sub>	1 2	(18) 16d (18) 10d	(12) 10d (12) 10d				2345 2140	2695 2460	2285 2285	525 1055	605 1215	2285 2285	400 550	400 635	2285 2285	400 400	400 400	2285
		5 <sup>5</sup> / <sub>16</sub>	2	(18) 16d	(12) 16d				2540	2920	2285	1055	1215	2285	550	635	2285	400	400	2285
THDH46	HGUS46	43/4	1	(22) 10d	(8) 10d		-		3295	3795	2195	500	575	2195	400	400	2195	400	400	2195
		43/4	1	(22) 16d	(8) 16d				3615	4160	2605	500	575	2605	400	400	2605	400	400	2605
		43/4	2	(22) 10d	(8) 10d		-		3295	3795	2195	995	1145	2195	530	605	2195	400	400	2195
HD48	HU48	4 <sup>3</sup> / <sub>4</sub>	2	(22) 16d	(8) 16d				3915	4505	2605	995	1145	2605	530	605	2605	400	400	2605
ND48	NU48	4 <sup>15</sup> / <sub>16</sub> 4 <sup>15</sup> / <sub>16</sub>	1	(14) 10d (14) 16d	(6) 10d (6) 16d							1665 1825	1910 2095	1140 1140	705 705	810 810	1140 1140	405 405	470 470	1140 1140
		4 / <sub>16</sub> 4 15/ <sub>16</sub>	2	(14) 10d (14) 10d	(6) 10d							1665	1910	1140	1410	1625	1140	815	935	1140
		4 <sup>15</sup> / <sub>16</sub>	2	(14) 16d	(6) 16d							1975	2270	1140	1410	1625	1140	815	935	1140
JUS48	LUS48	4 <sup>9</sup> / <sub>16</sub>	1	(6) 10d	(4) 10d		_					1075	1235	1130	750	865	1130	425	490	1130
		49/16	1	(6) 16d	(4) 16d		-					1190	1370	1355	750	865	1355	425	490	1355
		4 <sup>9</sup> / <sub>16</sub>	2	(6) 10d	(4) 10d		-					1075	1235	1130	1075	1235	1130	855	980	1130
Can fantmatan a		4 <sup>9</sup> / <sub>16</sub>	2	(6) 16d	(4) 16d							1290	1485	1355	1290	1485	1355	855	980	1355



### ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)

Min		Min.		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%
							4x	Connector	s											
HUS48	HUS48	61/4	1	(6) 10d	(6) 10d							1305	1500	1525	690	795	1525	400	460	1525
		6 <sup>1</sup> / <sub>4</sub>	1	(6) 16d	(6) 16d							1430	1645	1810	690	795	1810	400	460	1810
		6 <sup>1</sup> / <sub>4</sub>	2 2	(6) 10d (6) 16d	(6) 10d (6) 16d							1305 1550	1500 1780	1525 1810	1305 1385	1500 1590	1525 1810	800 800	920 920	1525 1810
THD48	HHUS48	7 <sup>1</sup> / <sub>16</sub>	1	(28) 10d	(16) 10d							3325	3825	2595	855	985	2595	470	540	2595
111540	11110040	7 <sup>1</sup> / <sub>16</sub>	i	(28) 16d	(16) 16d							3645	4190	2595	855	985	2595	470	540	2595
		71/16	2	(28) 10d	(16) 10d							3325	3825	2595	1715	1970	2595	940	1085	2595
		$7^{1}/_{16}$	2	(28) 16d	(16) 16d							3950	4540	2595	1715	1970	2595	940	1085	2595
THDH48	HGUS48	6 <sup>5</sup> / <sub>8</sub>	1	(36) 10d	(10) 10d							5505	6330	2680	820	945	2680	455	525	2680
		6 <sup>5</sup> / <sub>8</sub>	1	(36) 16d	(10) 16d							6030	6935	3185	820	945	3185	455	525	3185
		6 <sup>5</sup> / <sub>8</sub>	2	(36) 10d	(10) 10d							5505	6330	2680	1645 1645	1890	2680	915 915	1050	2680
SUH410	U410	6 <sup>5</sup> / <sub>8</sub>	2	(36) 16d (14) 10d	(10) 16d (6) 10d							6535	7515	3185	1625	1890 1870	3185 1115	955	1050 1095	3185 1115
3011410	0410	$\frac{7}{7^3}/_{4}$	1	(14) 16d	(6) 16d										1780	2050	1115	955	1095	1115
		73/4	2	(14) 10d	(6) 10d										1625	1870	1115	1625	1870	1115
		$7^{3}/_{4}$	2	(14) 16d	(6) 16d										1930	2220	1115	1905	2190	1115
JUS410	LUS410	8 <sup>3</sup> / <sub>8</sub>	1	(8) 10d	(6) 10d										1500	1720	1650	1275	1465	1650
		8 <sup>3</sup> / <sub>8</sub>	1	(8) 16d	(6) 16d										1660	1910	1980	1275	1465	1980
		8 <sup>3</sup> / <sub>8</sub>	2	(8) 10d	(6) 10d										1500	1720	1650	1500	1720	1650
	11110110	8 <sup>3</sup> / <sub>8</sub>	2	(8) 16d	(6) 16d										1800	2070	1980	1800	2070	1980
HUS410	HUS410	8 <sup>3</sup> / <sub>8</sub>	1 1	(8) 10d	(8) 10d										1740	2000	1860	1275	1465	1860
		8 <sup>3</sup> / <sub>8</sub>	2	(8) 16d (8) 10d	(8) 16d (8) 10d										1905 1740	2190 2000	2210 1860	1275 1740	1465 2000	2210 1860
		8 <sup>3</sup> / <sub>8</sub>	2	(8) 16d	(8) 16d										2065	2375	2210	2065	2375	2210
'HD410	HHUS410	9 <sup>1</sup> / <sub>16</sub>	1	(38) 10d	(20) 10d										4515	5185	3810	1435	1650	3810
		9 <sup>1</sup> / <sub>16</sub>	1	(38) 16d	(20) 16d										4950	5685	3810	1435	1650	3810
		9 <sup>1</sup> / <sub>16</sub>	2	(38) 10d	(20) 10d										4515	5185	3810	2870	3300	3810
		9 <sup>1</sup> / <sub>16</sub>	2	(38) 16d	(20) 16d										5360	6160	3810	2870	3300	3810
THDH410	HGUS410	8 <sup>1</sup> / <sub>2</sub>	1	(46) 10d	(12) 10d										6955	7585	3345	1375	1580	3345
		8 <sup>1</sup> / <sub>2</sub>	1 2	(46) 16d	(12) 16d (12) 10d										7625 6955	8315 7585	3970	1375 2750	1580	3970
		8 <sup>1</sup> / <sub>2</sub> 8 <sup>1</sup> / <sub>2</sub>	2	(46) 10d (46) 16d	(12) 10d (12) 16d										8260	9010	3345 3970	2750	3160 3160	3345 3970
THDH412	HGUS412	10 <sup>1</sup> / <sub>2</sub>	1	(56) 10d	(14) 10d													8290	8290	4400
		10 <sup>1</sup> / <sub>2</sub>	1	(56) 16d	(14) 16d													9090	9090	5225
		10 <sup>1</sup> / <sub>2</sub>	2	(56) 10d	(14) 10d													8290	8290	4400
		$10^{1}/_{2}$	2	(56) 16d	(14) 16d		-	-				-					-	9845	9845	5225
							Mi	scellaneou	s											
HD17925	HU9	8	1	(18) 10d	(6) 10d x 1 1/2		-					-			2140	2335	1065	1350	1555	1065
		8	1	(18) 16d	(6) 10d x 1 1/2										2345	2560	1065	1350	1555	1065
		8	2	(18) 10d	(6) 10d x 1 1/2		-					-			2140	2335	1065	2140	2335	1065
TUDUCAO	HOURS SOULS	8	2	(18) 16d	(6) 10d x 1 1/2							-			2540	2775	1065	2540	2775	1065
THDH610	HGUS5.50/10	8 <sup>13</sup> / <sub>16</sub>	1	(46) 10d	(16) 10d										7345	8300 9095	3845	1315	1515	3845
	1	8 <sup>13</sup> / <sub>16</sub> 8 <sup>13</sup> / <sub>16</sub>	1 2	(46) 16d (46) 10d	(16) 16d (16) 10d										8055 7345	9095 8300	4565 3845	1315 2630	1515 3025	4565 3845
	1	8 / <sub>16</sub> 8 13 / <sub>16</sub>	2	(46) 10d (46) 16d	(16) 10d (16) 16d										8725	9855	4565	2630	3025	4565
THDH7210	HGUS7.25/10	8 <sup>15</sup> / <sub>16</sub>	1	(46) 10d	(12) 10d										6955	7585	3345	1230	1410	3345
		8 <sup>15</sup> / <sub>16</sub>	1	(46) 16d	(12) 16d		-					-			7625	8315	3970	1230	1410	3970
		8 <sup>15</sup> / <sub>16</sub>	2	(46) 10d	(12) 10d			-		-					6955	7585	3345	2455	2825	3345
		8 <sup>15</sup> / <sub>16</sub>	2	(46) 16d	(12) 16d										8260	9010	3970	2455	2825	3970
							45°Ske	wed Conn	ectors											
SKH24L/R	SUR/L24	3 <sup>1</sup> / <sub>4</sub>	1	(4) 10d	(4) 10d x 1 1/2	430	430	565	400	400	565	400	400	565	400	400	565	400	400	565
		3 <sup>1</sup> / <sub>4</sub>	1	(4) 16d	(4) 10d x 1 1/2	470	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	430	430	565	400	400	565	400	400	565	400	400	565	400	400	565
01/11001 :=	aun i	3 <sup>1</sup> / <sub>4</sub>	2	(4) 16d	(4) 10d x 1 1/2	510	510	565	400	400	565	400	400	565	400	400	565	400	400	565
SKH26L/R	SUR/L26	4 <sup>3</sup> / <sub>8</sub>	1	(6) 10d	(6) 10d x 1 1/2				580	665	1085	400	400	1085	400	400	1085	400	400	1085
		4 <sup>3</sup> / <sub>8</sub>	1 2	(6) 16d	(6) 10d x 1 1/2				580 700	665 750	1085 1085	400 505	400 580	1085 1085	400 400	400 400	1085 1085	400 400	400 400	1085 1085
		4 <sup>3</sup> / <sub>8</sub>	2	(6) 10d (6) 16d	(6) 10d x 1 1/2 (6) 10d x 1 1/2				830	890	1085	505	580	1085	400	400	1085	400	400	1085
	1	4/8		(0) 100	(U) 10U X 1 1/2				030	090	1000	505	500	1000	400	+00	1000	400	400	1000



### ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)

MITE	Min. Heel No. of Suppo USP Height Member Pl			Fast	eners	2 x 4 S	upporting I	Member	2 x 6 S	upporting	Member	2 x 8 S	upporting l	Member	2 x 10 S	upporting	Member	2 x 12 S	upporting	Member
USP			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%
							45°Ske	wed Conn	ectors											
SKHH26L/R		5	1	(18) 10d	(12) 10d x 1 1/2		_		1285	1475	2190	405	465	2190	400	400	2190	400	400	2190
		5	1 2	(18) 16d (18) 10d	(12) 10d x 1 1/2 (12) 10d x 1 1/2				1410 1285	1615 1475	2190 2190	405 810	465 935	2190 2190	400 450	400 520	2190 2190	400 400		2190 2190
		5	2	(18) 16d	(12) 10d x 1 1/2 (12) 10d x 1 1/2				1525	1750	2190	810	935	2190	450	520	2190	400	400	2190
SKH28L/R		6 <sup>15</sup> / <sub>16</sub>	1	(10) 10d	(8) 10d x 1 1/2							1160	1235	1360	705	815	1360	405	470	1360
		6 <sup>15</sup> / <sub>16</sub>	1	(10) 16d	(8) 10d x 1 1/2			-				1275	1350	1360	705	815	1360	405	470	1360
		6 <sup>15</sup> / <sub>16</sub> 6 <sup>15</sup> / <sub>16</sub>	2 2	(10) 10d (10) 16d	(8) 10d x 1 1/2 (8) 10d x 1 1/2							1160 1380	1235 1465	1360 1360	1160 1380	1235 1465	1360 1360	815 815		1360 1360
SKHH28L/R		6 <sup>3</sup> / <sub>4</sub>	1	(26) 10d	(16) 10d x 1 1/2							1855	2130	2920	750	865	2920	425		2920
0111111202111		63/4	1	(26) 16d	(16) 10d x 1 1/2							2030	2335	2920	750	865	2920	425	490	2920
		6 <sup>3</sup> / <sub>4</sub>	2	(26) 10d	(16) 10d x 1 1/2							1855	2130	2920	1505	1730	2920	855	980	2920
01/110/01/5	0115/1 010	63/4	2	(26) 16d	(16) 10d x 1 1/2							2200	2530	2920	1505	1730	2920	855		2920
SKH210L/R	SUR/L210	8 <sup>11</sup> / <sub>16</sub> 8 <sup>11</sup> / <sub>16</sub>	1	(14) 10d (14) 16d	(10) 10d x 1 1/2 (10) 10d x 1 1/2										1505 1650	1505 1650	1565 1565	900 900		1565 1565
		8 <sup>11</sup> / <sub>16</sub>	2	(14) 10d	(10) 10d x 1 1/2										1505	1505	1565	1505	1505	1565
		8 <sup>11</sup> / <sub>16</sub>	2	(14) 16d	(10) 10d x 1 1/2										1790	1790	1565	1790	1790	1565
SKHH210L/R		8 <sup>3</sup> / <sub>8</sub>	1	(34) 10d	(20) 10d x 1 1/2										2420	2785	3650	1275	1465	3650
		8 <sup>3</sup> / <sub>8</sub>	1 2	(34) 16d (34) 10d	(20) 10d x 1 1/2 (20) 10d x 1 1/2										2655 2420	3055 2785	3650 3650	1275 2420		3650 3650
		8 <sup>3</sup> / <sub>8</sub>	2	(34) 16d	(20) 10d x 1 1/2										2875	3310	3650	2550		3650
SKH26L/R-2	SUR/L26-2	3 <sup>5</sup> / <sub>8</sub>	1	(6) 10d	(6) 10d				400	400	1115	400	400	1115	400	400	1115	400	400	1115
		3 <sup>5</sup> / <sub>8</sub>	1	(6) 16d	(6) 10d			-	400	400	1115	400	400	1115	400	400	1115	400	400	1115
		3 <sup>5</sup> / <sub>8</sub>	2	(6) 10d	(6) 10d				500	575	1115	400	400	1115	400	400	1115	400	400	1115
SKHH26L/R-2	HSUR/L26-2	3 <sup>5</sup> / <sub>8</sub>	2	(6) 16d (12) 10d	(6) 10d (4) 10d				500 1425	575 1640	1115 900	400 450	400 520	1115 900	400 400	400 400	1115 900	400 400		1115 900
SKHHZ0L/K-Z	H5UH/L20-2	4 <sup>1</sup> / <sub>2</sub> 4 <sup>1</sup> / <sub>2</sub>	1	(12) 10d (12) 16d	(4) 10d (4) 16d x 2 1/2				1560	1795	900	450	520	900	400	400	900	400		900
		41/2	2	(12) 10d	(4) 10d X 2 1/2				1425	1640	900	900	1035	900	490	560	900	400	400 400 400 470 470 470 935 935 490 490 980 1035 1035 1790 1465 1465 2785 2935 490 400	900
		41/2	2	(12) 16d	(4) 16d x 2 1/2				1690	1945	900	900	1035	900	490	560	900	400		900
SKH28L/R-2		6 <sup>3</sup> / <sub>16</sub>	1	(10) 10d	(8) 10d							1025	1180	1360	435	500	1360	400		1360
		6 <sup>3</sup> / <sub>16</sub>	1 2	(10) 16d (10) 10d	(8) 10d (8) 10d							1025 1160	1180 1335	1360 1360	435 870	500 1000	1360 1360	400 550		1360 1360
		6 <sup>3</sup> / <sub>16</sub>	2	(10) 10d (10) 16d	(8) 10d							1380	1585	1360	870	1000	1360	550		1360
SKH210L/R-2	SUR/L210-2	8 <sup>11</sup> / <sub>16</sub>	1	(14) 10d	(10) 10d										1625	1870	1565	905		1565
		8 <sup>11</sup> / <sub>16</sub>	1	(14) 16d	(10) 10d										1780	2050	1565	905		1565
		8 <sup>11</sup> / <sub>16</sub>	2	(14) 10d	(10) 10d										1625	1870	1565	1625		1565
SKHH210L/R-2	HSUR/L210-2	8 <sup>11</sup> / <sub>16</sub> 7 <sup>5</sup> / <sub>16</sub>	2	(14) 16d (20) 10d	(10) 10d (6) 10d										1930 2375	2220 2735	1565 1140	1805 950		1565 1140
3K1111210L/K-2	1130H/L210-2	7 <sup>5</sup> / <sub>16</sub>	1	(20) 16d	(6) 16d x 2 1/2										2605	2995	1355	950		1355
		7 <sup>5</sup> / <sub>16</sub>	2	(20) 10d	(6) 10d										2375	2735	1140	1900		1140
		7 <sup>5</sup> / <sub>16</sub>	2	(20) 16d	(6) 16d x 2 1/2										2820	3245	1355	1900		1355
SKH46L/R	SUR/L46	4 <sup>5</sup> / <sub>16</sub>	1	(10) 10d	(6) 10d				765	880	1355	400 400	400 400	1355	400 400	400 400	1355	400 400		1355 1355
		4 <sup>5</sup> / <sub>16</sub> 4 <sup>5</sup> / <sub>16</sub>	1 2	(10) 16d (10) 10d	(6) 16d (6) 10d				765 1185	880 1340	1355 1355	600	690	1355 1355	400	400	1355 1355	400		1355
		4 <sup>5</sup> / <sub>16</sub>	2	(10) 16d	(6) 16d				1410	1590	1355	600	690	1355	400	400	1355	400		1355
SKHH46L/R	HSUR/L46	41/2	1	(12) 10d	(6) 10d			-	1425	1640	1140	450	520	1140	400	400	1140	400		1140
		41/2	1	(12) 16d	(6) 16d				1560	1795	1355	450	520	1355	400	400	1355	400		1355
		$\frac{4^{1}/_{2}}{4^{1}/_{2}}$	2 2	(12) 10d (12) 16d	(6) 10d (6) 16d				1425 1690	1640 1945	1140 1355	900 900	1035 1035	1140 1355	490 490	560 560	1140 1355	400 400		1140 1355
SKH410L/R	SUR/L410	6 <sup>3</sup> / <sub>4</sub>	1	(12) 16d (16) 10d	(10) 10d					1945	1333	900		1333	1900	2140	1565	950		1565
		6 <sup>3</sup> / <sub>4</sub>	1	(16) 16d	(10) 16d										2080	2345	1565	950		1565
		63/4	2	(16) 10d	(10) 10d		-		-						1900	2140	1565	1900		1565
CKIIII440I /E	LICUD/LA40	63/4	2	(16) 16d	(10) 16d										2255	2540	1565	1900		1565
SKHH410L/R	HSUR/L410	7	1	(20) 10d (20) 16d	(10) 10d (10) 16d										2375 2605	2735 2995	1900 2255	950 950		1900 2255
		7	2	(20) 10d	(10) 10d										2375	2735	1900	1900		1900
		7	2	(20) 16d	(10) 16d										2820	3245	2255	1900		2255
							Hip/Ja	ck Conne	ctors											
BN264		2 <sup>7</sup> / <sub>8</sub>	1	(20) 10d	(8) 10d x 1 1/2				2380	2735	645	500	575	645	400	400	645	400	400	645
		2 <sup>7</sup> / <sub>8</sub>	2	(20) 10d	(8) 10d x 1 1/2				2380	2735	645	1000	1150	645	530	610	645	400	400	645
BN284		2 <sup>7</sup> / <sub>8</sub>	1	(20) 10d	(8) 10d x 1 1/2							2380	2735	645	820	945	645	455	525	645
		2 <sup>7</sup> / <sub>8</sub>	2	(20) 10d	(8) 10d x 1 1/2			-	-			2380	2735	645	1640	1885	645	910	1050	645



#### ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Douglas Fir)

		Min.		Fast	eners	2 x 4 S	upporting !	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%
							Hip/Ja	ck Connec	ctors											
HTHJ26-18	LTHJR/L	4 <sup>7</sup> / <sub>8</sub>	1	(16) 10d	(12) 10d				910	1050	1205	400	400	1205	400	400	1205	400	400	1205
		4 <sup>7</sup> / <sub>8</sub>	1	(16) 16d	(12) 16d				910	1050	1320	400	400	1320	400	400	1320	400	400	1320
		4 <sup>7</sup> / <sub>8</sub>	2	(16) 10d	(12) 10d				1825	2095	1205	665	760	1205	400	400	1205	400	400	1205
		4 <sup>7</sup> / <sub>8</sub>	2	(16) 16d	(12) 16d				1825	2095	1430	665	760	1430	400	400	1430	400	400	1430
HJC26		5 <sup>3</sup> / <sub>16</sub>	1	(16) 10d	(12) 10d				2010	2305	1525	555	640	1525	400	400	1525	400	400	1525
		5 <sup>3</sup> / <sub>16</sub>	1	(16) 16d	(12) 10d				2200	2530	1525	555	640	1525	400	400	1525	400	400	1525
		5 <sup>3</sup> / <sub>16</sub>	2	(16) 10d	(12) 10d				2010	2305	1525	1110	1280	1525	575	660	1525	400	400	1525
HHC26		5 <sup>3</sup> / <sub>16</sub> 4 <sup>15</sup> / <sub>16</sub>	2	(16) 16d (20) 10d	(12) 10d (10) 10d				2385 2510	2740 2885	1525 1015	1110 525	1280 605	1525 1015	575 400	660 400	1525 1015	400 400	400 400	1525 1015
1111020		4 / <sub>16</sub> 4 <sup>15</sup> / <sub>16</sub>	1	(20) 16d	(10) 10d				2750	3160	1015	525	605	1015	400	400	1015	400	400	1015
		4 <sup>15</sup> / <sub>16</sub>	2	(20) 10d	(10) 10d				2510	2885	1015	1055	1215	1015	550	635	1015	400	400	1015
		4 <sup>15</sup> / <sub>16</sub>	2	(20) 16d	(10) 10d				2980	3425	1015	1055	1215	1015	550	635	1015	400	400	1015
HJHC26		5 <sup>7</sup> / <sub>16</sub>	1	(20) 10d	(12) 10d				2510	2885	1840	525	605	1840	400	400	1840	400	400	1840
1	1	5 <sup>7</sup> / <sub>16</sub>	1	(20) 16d	(12) 10d				2750	3160	1840	525	605	1840	400	400	1840	400	400	1840
		5 <sup>7</sup> / <sub>16</sub>	2	(20) 10d	(12) 10d				2510	2885	1840	1055	1215	1840	550	635	1840	400	400	1840
		5'/16	2	(20) 16d	(12) 10d				2980	3425	1840	1055	1215	1840	550	635	1840	400	400	1840
HJC28		6 <sup>1</sup> / <sub>4</sub>	1	(20) 10d	(14) 10d							2510	2885	1780	895	1030 1030	1780	485 485	560	1780
		6 <sup>1</sup> / <sub>4</sub> 6 <sup>1</sup> / <sub>4</sub>	2	(20) 16d (20) 10d	(14) 10d (14) 10d							2750 2510	3160 2885	1780 1780	895 1790	2060	1780 1780	970	560 1120	1780 1780
		6 <sup>1</sup> / <sub>4</sub>	2	(20) 16d	(14) 10d (14) 10d							2980	3425	1780	1790	2060	1780	970	1120	1780
HHC28		6	1	(24) 10d	(14) 10d (12) 10d							2950	2950	1840	840	965	1840	465	535	1840
1111020		6	1	(24) 16d	(12) 10d (12) 10d							3235	3235	1840	840	965	1840	465	535	1840
		6	2	(24) 10d	(12) 10d							2950	2950	1840	1680	1930	1840	925	1065	1840
		6	2	(24) 16d	(12) 10d							3505	3505	1840	1680	1930	1840	925	1065	1840
HJHC28	MTHM	6 <sup>1</sup> / <sub>2</sub>	1	(24) 10d	(14) 10d		-					2950	2950	1840	855	985	1840	470	540	1840
		6 <sup>1</sup> / <sub>2</sub>	1	(24) 16d	(14) 10d							3235	3235	1840	855	985	1840	470	540	1840
		6 <sup>1</sup> / <sub>2</sub>	2	(24) 10d	(14) 10d							2950	2950	1840	1715	1970	1840	940	1085	1840
		$6^{1}/_{2}$	2	(24) 16d	(14) 10d							3505	3505	1840	1715	1970	1840	940	1085	1840
		_			(2)		justable S													
LSSH210	LSSU210	8	1	(10) 10d	(7) 10d x 1 1/2										545	625	1065	400	400	1065
Sloped only LSSH210	LSSU210	8 8	2	(10) 10d (10) 10d	(7) 10d x 1 1/2										1085 545	1250 625	1065 1065	660 400	760 400	1065 1065
Sloped & Skewed		8	2	(10) 10d (10) 10d	(7) 10d x 1 1/2 (7) 10d x 1 1/2										1085	1250	1065	660	760	1065
LSSH179	LSSUI25	8	1	(10) 10d	(7) 10d x 1 1/2										545	625	1065	400	400	1065
Sloped only		8	2	(10) 10d	(7) 10d x 1 1/2										1085	1250	1065	660	760	1065
LSSH179	LSSUI25	8	1	(10) 10d	(7) 10d x 1 1/2										545	625	1065	400	400	1065
Sloped & Skewed		8	2	(10) 10d	(7) 10d x 1 1/2										1085	1250	1065	660	760	1065
LSSH31	LSSU210-2	7 <sup>3</sup> / <sub>16</sub>	1	(14) 10d	(12) 10d x 1 1/2										595	685	1585	400	410	1585
Sloped only		7 <sup>3</sup> / <sub>16</sub>	1	(14) 16d	(12) 10d x 1 1/2										595	685	1585	400	410	1585
		$\frac{7^{3}/_{16}}{7^{3}/_{16}}$	2 2	(14) 10d	(12) 10d x 1 1/2										1195	1370	1585	715 715	820	1585
LSSH31	LSSU210-2	7 <sup>3</sup> / <sub>16</sub>	1	(14) 16d (14) 10d	(12) 10d x 1 1/2 (12) 10d x 1 1/2										1195 595	1370 685	1585 1585	400	820 410	1585 1585
Sloped & Skewed		7 <sup>3</sup> / <sub>16</sub>	1	(14) 16d	(12) 10d x 1 1/2 (12) 10d x 1 1/2										595	685	1585	400	410	1585
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 10d	(12) 10d x 1 1/2										1195	1370	1585	715	820	1585
	<u> </u>	$7^{3}/_{16}$	2	(14) 16d	(12) 10d x 1 1/2										1195	1370	1585	715	820	1585
LSSH35	LSSU410	7 <sup>3</sup> / <sub>16</sub>	1	(14) 10d	(12) 10d x 1 1/2										595	685	1585	400	410	1585
Sloped Only		7 <sup>3</sup> / <sub>16</sub>	1	(14) 16d	(12) 10d x 1 1/2										595	685	1585	400	410	1585
		$\frac{7^{3}}{16}$	2	(14) 10d	(12) 10d x 1 1/2										1195	1370	1585	715	820	1585
LOCUE	LSSU410	7 <sup>3</sup> / <sub>16</sub>	2	(14) 16d	(12) 10d x 1 1/2										1195	1370	1585	715	820	1585
LSSH35 Sloped & Skewed		7 <sup>3</sup> / <sub>16</sub>	1	(14) 10d (14) 16d	(12) 10d x 1 1/2 (12) 10d x 1 1/2										595 595	685 685	1585 1585	400 400	410 410	1585 1585
Sisped & Skewed	1	7 <sup>3</sup> / <sub>16</sub> 7 <sup>3</sup> / <sub>16</sub>	2	(14) 10d (14) 10d	(12) 10d x 1 1/2 (12) 10d x 1 1/2										1195	1370	1585	715	820	1585
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 16d	(12) 10d x 1 1/2										1195	1370	1585	715	820	1585
1) Tabulated los	<u>.                                    </u>			(1 <del>7</del> ) 100	(12) 100 x 1 1/2										1133	1370	1303	713	020	1303

<sup>1)</sup> Tabulated loads are in pounds.

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

<sup>3)</sup> 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.

<sup>4)</sup> 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.