



**ANSI/TPI 1-1995 ALLOWABLE LOADS
Spruce-Pine-Fir (F_v = 70 psi)**

USP Stock No.	Ref. No.	Dimensions (in.)				Fasteners		No. of Plys Supporting Member	Normal Loads			2 x 4 Sup't Member			2 x 6 Sup't Member			2 x 8 Sup't Member			2 x 10 Sup't Member			2 x 12 Sup't Member			Uplift					
		W	H	D	H _E	Supporting Member	Supported Member		100%	Hanger Max.	100%	115%	125%	100%	115%	125%	100%	115%	125%	100%	115%	125%	100%	115%	125%	100%	115%	125%	133%	160%		
1 Ply Carried Member																																
JL24	LU24	1	9/16	3	1 1/2	2.825	(4) 10d	(2) 10d x 1 1/2	1	330	485	330	380	415	330	380	415	330	380	415	330	380	415	330	380	415	330	380	415	210	255	
		1	9/16	3	1 1/2	2.825	(4) 10d	(2) 10d x 1 1/2	2	390	485	390	450	485	390	450	485	390	450	485	390	450	485	390	450	485	390	450	485	210	255	
		1	9/16	3	1 1/2	2.825	(4) 10d	(2) 10d x 1 1/2	3	390	485	390	450	485	390	450	485	390	450	485	390	450	485	390	450	485	390	450	485	210	255	
JRSS	LU24-18	1	9/16	3	1 1/2	2.830	(4) 16d	(2) 10d x 1 1/2	1	360	580	360	415	450	360	415	450	360	415	450	360	415	450	360	415	450	360	415	450	210	255	
		1	9/16	3	1 1/2	2.830	(4) 16d	(2) 10d x 1 1/2	2	465	580	465	535	580	465	535	580	465	535	580	465	535	580	465	535	580	465	535	580	210	255	
		1	9/16	3	1 1/2	2.830	(4) 16d	(2) 10d x 1 1/2	3	465	580	465	535	580	465	535	580	465	535	580	465	535	580	465	535	580	465	535	580	210	255	
JESS	---	1	9/16	3	2	2.750	(4) 16d	(2) 8d x 1 1/2	1	360	475	360	415	450	360	415	450	360	415	450	360	415	450	360	415	450	360	415	450	200	210	
		1	9/16	3	2	2.750	(4) 16d	(2) 8d x 1 1/2	2	465	475	465	475	475	465	475	475	465	475	475	465	475	475	465	475	475	465	475	475	200	210	
		1	9/16	3	2	2.750	(4) 16d	(2) 8d x 1 1/2	3	465	475	465	475	475	465	475	475	465	475	475	465	475	475	465	475	475	465	475	475	200	210	
SUH24	U24	1	9/16	3	3/8	2	2.938	(4) 16d	(2) 10d x 1 1/2	1	360	585	360	415	450	360	415	450	360	415	450	360	415	450	360	415	450	360	415	450	210	255
		1	9/16	3	3/8	2	2.938	(4) 16d	(2) 10d x 1 1/2	2	465	585	465	535	580	465	535	580	465	535	580	465	535	580	465	535	580	465	535	580	210	255
		1	9/16	3	3/8	2	2.938	(4) 16d	(2) 10d x 1 1/2	3	465	585	465	535	580	465	535	580	465	535	580	465	535	580	465	535	580	465	535	580	210	255
JESS	---	1	9/16	5	2	4.719	(6) 16d	(5) 8d x 1 1/2	1	535	870	---	---	---	535	615	670	535	615	670	535	615	670	535	615	670	535	615	670	420	420	
		1	9/16	5	2	4.719	(6) 16d	(5) 8d x 1 1/2	2	695	870	---	---	---	695	800	870	695	800	870	695	800	870	695	800	870	695	800	870	420	420	
		1	9/16	5	2	4.719	(6) 16d	(5) 8d x 1 1/2	3	695	870	---	---	---	695	800	870	695	800	870	695	800	870	695	800	870	695	800	870	420	420	
JUS24	LUS24	1	9/16	3	1/8	1 3/4	2.825	(4) 10d	(2) 10d	1	475	695	475	545	595	475	545	595	475	545	595	475	545	595	475	545	595	475	545	595	440	440
		1	9/16	3	1/8	1 3/4	2.825	(4) 10d	(2) 10d	2	560	695	560	645	695	560	645	695	560	645	695	560	645	695	560	645	695	560	645	695	440	440
		1	9/16	3	1/8	1 3/4	2.825	(4) 10d	(2) 10d	3	560	695	560	645	695	560	645	695	560	645	695	560	645	695	560	645	695	560	645	695	440	440
JUS24	LUS24	1	9/16	3	1/8	1 3/4	2.825	(4) 16d	(2) 10d	1	530	655	530	610	655	530	610	655	530	610	655	530	610	655	530	610	655	530	610	655	440	440
		1	9/16	3	1/8	1 3/4	2.825	(4) 16d	(2) 10d	2	635	790	635	730	790	635	730	790	635	730	790	635	730	790	635	730	790	635	730	790	440	440
		1	9/16	3	1/8	1 3/4	2.825	(4) 16d	(2) 10d	3	635	790	635	730	790	635	730	790	635	730	790	635	730	790	635	730	790	635	730	790	440	440
JL26	LU26	1	9/16	4	3/4	1 1/2	4.394	(6) 10d	(4) 10d x 1 1/2	1	495	725	---	---	---	495	570	620	495	570	620	495	570	620	495	570	620	495	570	620	425	510
		1	9/16	4	3/4	1 1/2	4.394	(6) 10d	(4) 10d x 1 1/2	2	580	725	---	---	---	580	665	725	580	665	725	580	665	725	580	665	725	580	665	725	425	510
		1	9/16	4	3/4	1 1/2	4.394	(6) 10d	(4) 10d x 1 1/2	3	580	725	---	---	---	580	665	725	580	665	725	580	665	725	580	665	725	580	665	725	425	510
SUH26	U26	1	9/16	5	1/16	2	4.813	(6) 16d	(4) 10d x 1 1/2	1	540	675	---	---	---	540	620	675	540	620	675	540	620	675	540	620	675	540	620	675	425	510
		1	9/16	5	1/16	2	4.813	(6) 16d	(4) 10d x 1 1/2	2	700	880	---	---	---	700	805	875	700	805	875	700	805	875	700	805	875	700	805	875	425	510
		1	9/16	5	1/16	2	4.813	(6) 16d	(4) 10d x 1 1/2	3	700	880	---	---	---	700	805	875	700	805	875	700	805	875	700	805	875	700	805	875	425	510
JRSS	LU26-18	1	9/16	4	3/4	1 1/2	4.399	(6) 16d	(4) 10d x 1 1/2	1	535	815	---	---	---	535	615	670	535	615	670	535	615	670	535	615	670	535	615	670	425	510
		1	9/16	4	3/4	1 1/2	4.399	(6) 16d	(4) 10d x 1 1/2	2	695	815	---	---	---	695	800	815	695	800	815	695	800	815	695	800	815	695	800	815	425	510
		1	9/16	4	3/4	1 1/2	4.399	(6) 16d	(4) 10d x 1 1/2	3	695	815	---	---	---	695	800	815	695	800	815	695	800	815	695	800	815	695	800	815	425	510
HD26	HU26	1	9/16	3	1/2	2	3.205	(4) 16d	(2) 10d x 1 1/2	1	365	590	365	420	455	365	420	455	365	420	455	365	420	455	365	420	455	365	420	455	220	250
		1	9/16	3	1/2	2	3.205	(4) 16d	(2) 10d x 1 1/2	2	470	590	470	540	590	470	540	590	470	540	590	470	540	590	470	540	590	470	540	590	220	250
		1	9/16	3	1/2	2	3.205	(4) 16d	(2) 10d x 1 1/2	3	470	590	470	540	590	470	540	590	470	540	590	470	540	590	470	540	590	470	540	590	220	250
JUS26	LUS26	1	9/16	4	13/16	1 3/4	4.513	(4) 10d	(4) 10d	1	620	910	---	---	---	620	715	775	620	715	775	620	715	775	620	715	775	620	715	775	945	965
		1	9/16	4	13/16	1 3/4	4.513	(4) 10d	(4) 10d	2	725	910	---	---	---	725	835	905	725	835	905	725	835	905	725	835	905	725	835	905	945	965
		1	9/16	4	13/16	1 3/4	4.513	(4) 10d	(4) 10d	3	725	910	---	---	---	725	835	905	725	835	905	725	835	905	725	835	905	725	835	905	945	965
JUS26	LUS26	1	9/16	4	13/16	1 3/4	4.513	(4) 16d	(4) 10d	1	695	870	---	---	---	695	800	815	695	800	815	695	800	815	695	800	815	695	800	815	945	965
		1	9/16	4	13/16	1 3/4	4.513	(4) 16d	(4) 10d	2	805	925	---	---	---	805	925	925	805	925	925	805	925	925	805	925	925	805	925	925	945	965
		1	9/16	4	13/16	1 3/4	4.513	(4) 16d	(4) 10d	3	805	925	---	---	---	805	925	925	805	925	925	805	925	925	805	925	925	805	925	925	945	965
HUS26	HUS26	1	5/8	5	7/16	3	5.156	(14) 16d	(6) 16d	1	1870	2800	---	---	---	1640	1890	2050	800	800	800	800	800	800	800	800	800	800	800	800	1665	1665
		1	5/8	5	7/16	3	5.156	(14) 16d	(6) 16d	2	2240	2800	---	---	---	2240	2575	2800	1235	1420	1545	1310	1510	1640	800	800	800	800	800	800	1665	1665
		1	5/8	5	7/16	3	5.156	(14) 16d	(6) 16d	3	2240	2800	---	---	---	2240	2575	2800	1855	2130	2315	1970	2265	2460	800	800	800	800	800	800	1665	1665
THD26	---	1	5/8	5	1/16	3	4.867	(18) 16d	(12) 10d x 1 1/2	1	1620	2630	---	---	---	945	1085	1180	800	800	800	800	800	800	800	800	800	800	800	1315	1580	
		1	5/8	5	1/16	3	4.867	(18) 16d	(12) 10d x 1 1/2	2	2100	2630	---	---	---	1890	2175	2365	1150	1320	1435	1300	1495	1625</								



ANSI/TPI 1-1995 ALLOWABLE LOADS
Spruce-Pine-Fir (F_v = 70 psi)

USP Stock No.	Ref. No.	Dimensions (in.)				Fasteners		No. of Plys Supporting Member	Normal Loads			2 x 4 Sup't Member			2 x 6 Sup't Member			2 x 8 Sup't Member			2 x 10 Sup't Member			2 x 12 Sup't Member			Uplift						
		W	H	D	H _E	Supporting Member	Supported Member		100%	Hanger Max.	Floor 100%	Snow 115%	Const. 125%	Floor 100%	Snow 115%	Const. 125%	Floor 100%	Snow 115%	Const. 125%	Floor 100%	Snow 115%	Const. 125%	Floor 100%	Snow 115%	Const. 125%	133%	160%						
1 Ply Carried Member																																	
JUS28	LUS28	1 9/16	5 1/4	2	5.030	(8) 16d	(4) 10d x 1 1/2	3	945	1175	---	---	---	945	1085	1175	945	1085	1175	945	1085	1175	800	800	800	440	530						
		1 9/16	6 5/8	1 3/4	6.325	(6) 10d	(4) 10d	1	785	1150	---	---	---	---	---	---	---	785	905	980	785	860	935	785	905	980	945	965					
		1 9/16	6 5/8	1 3/4	6.325	(6) 10d	(4) 10d	2	920	1150	---	---	---	---	---	---	---	---	920	1060	1150	920	1060	1150	920	1060	1150	945	965				
JUS28	LUS28	1 9/16	6 5/8	1 3/4	6.325	(6) 10d	(4) 10d	3	920	1150	---	---	---	---	---	---	---	920	1060	1150	920	1060	1150	920	1060	1150	945	965					
		1 9/16	6 5/8	1 3/4	6.325	(6) 16d	(4) 10d	1	875	1095	---	---	---	---	---	---	---	---	875	1005	1095	800	860	935	800	920	1000	945	965				
		1 9/16	6 5/8	1 3/4	6.325	(6) 16d	(4) 10d	2	1035	1190	---	---	---	---	---	---	---	---	1035	1190	1190	1035	1190	1190	1035	1190	1190	945	965				
HUS28	HUS28	1 9/16	6 5/8	1 3/4	6.325	(6) 16d	(4) 10d	3	1035	1190	---	---	---	---	---	---	---	---	1035	1190	1190	1035	1190	1190	1035	1190	1190	945	965				
		1 5/8	7 3/16	3	6.906	(22) 16d	(8) 16d	1	2785	3600	---	---	---	---	---	---	---	---	2785	3205	3480	855	985	1070	830	955	1040	2225	2225				
		1 5/8	7 3/16	3	6.906	(22) 16d	(8) 16d	2	3365	3600	---	---	---	---	---	---	---	---	---	3365	3600	3600	2565	1970	2140	1660	1910	2075	2225	2225			
THD28	---	1 5/8	7 3/16	3	6.906	(22) 16d	(8) 16d	3	3365	3600	---	---	---	---	---	---	---	---	---	3365	3600	3600	2565	1970	2140	1660	1910	2075	2225	2225			
		1 5/8	7	3	6.737	(28) 16d	(16) 10d x 1 1/2	1	2515	3430	---	---	---	---	---	---	---	---	---	1930	2220	2410	820	940	1025	820	940	1025	1750	2015			
		1 5/8	7	3	6.737	(28) 16d	(16) 10d x 1 1/2	2	3270	3430	---	---	---	---	---	---	---	---	---	---	3270	3430	3430	1635	1880	2045	1640	1885	2050	1750	2015		
JL210	LU210	1 9/16	8 1/2	1 1/2	8.020	(14) 10d	(8) 10d x 1 1/2	1	1145	1430	---	---	---	---	---	---	---	---	---	---	---	---	1145	1315	1430	960	1105	1200	850	1020			
		1 9/16	8 1/2	1 1/2	8.020	(14) 10d	(8) 10d x 1 1/2	2	1360	1620	---	---	---	---	---	---	---	---	---	---	---	---	1360	1565	1620	1360	1565	1620	850	1020			
		1 9/16	8 1/2	1 1/2	8.020	(14) 10d	(8) 10d x 1 1/2	3	1360	1620	---	---	---	---	---	---	---	---	---	---	---	---	1360	1565	1620	1360	1565	1620	850	1020			
SUH210	U210	1 9/16	8 3/16	2	7.688	(10) 16d	(6) 10d x 1 1/2	1	900	1125	---	---	---	---	---	---	---	---	---	---	---	---	900	1035	1125	900	1035	1125	635	765			
		1 9/16	8 3/16	2	7.688	(10) 16d	(6) 10d x 1 1/2	2	1170	1460	---	---	---	---	---	---	---	---	---	---	---	---	1170	1345	1460	1170	1345	1460	635	765			
		1 9/16	8 3/16	2	7.688	(10) 16d	(6) 10d x 1 1/2	3	1170	1460	---	---	---	---	---	---	---	---	---	---	---	---	1170	1345	1460	1170	1345	1460	635	765			
JESX	---	1 9/16	8 1/2	2	7.938	(14) 16d	(9) 8d x 1 1/2	1	1075	1395	---	---	---	---	---	---	---	---	---	---	---	---	1075	1235	1345	950	1090	1185	890	945			
		1 9/16	8 1/2	2	7.938	(14) 16d	(9) 8d x 1 1/2	2	1395	1395	---	---	---	---	---	---	---	---	---	---	---	---	1395	1395	1395	1395	1395	1395	890	945			
		1 9/16	8 1/2	2	7.938	(14) 16d	(9) 8d x 1 1/2	3	1395	1395	---	---	---	---	---	---	---	---	---	---	---	---	1395	1395	1395	1395	1395	1395	890	945			
JRSX	LU210-18	1 9/16	8 1/2	1 1/2	8.020	(14) 16d	(8) 10d x 1 1/2	1	1250	1500	---	---	---	---	---	---	---	---	---	---	---	---	1250	1440	1500	960	1105	1200	850	1020			
		1 9/16	8 1/2	1 1/2	8.020	(14) 16d	(8) 10d x 1 1/2	2	1500	1500	---	---	---	---	---	---	---	---	---	---	---	---	1500	1500	1500	1500	1500	1500	850	1020			
		1 9/16	8 1/2	1 1/2	8.020	(14) 16d	(8) 10d x 1 1/2	3	1500	1500	---	---	---	---	---	---	---	---	---	---	---	---	1500	1500	1500	1500	1500	1500	850	1020			
HD210	HU210	1 9/16	7 3/16	2	6.580	(12) 16d	(4) 10d x 1 1/2	1	1085	1765	---	---	---	---	---	---	---	---	---	---	---	---	1085	1250	1355	800	905	985	810	935	1015	440	530
		1 9/16	7 3/16	2	6.580	(12) 16d	(4) 10d x 1 1/2	2	1410	1765	---	---	---	---	---	---	---	---	---	---	---	---	1410	1620	1765	1410	1620	1765	1410	1620	1765	440	530
		1 9/16	7 3/16	2	6.580	(12) 16d	(4) 10d x 1 1/2	3	1410	1765	---	---	---	---	---	---	---	---	---	---	---	---	1410	1620	1765	1410	1620	1765	1410	1620	1765	440	530
JUS210	LUS210	1 9/16	7 3/4	1 3/4	7.513	(8) 10d	(4) 10d	1	945	1395	---	---	---	---	---	---	---	---	---	---	---	---	945	1085	1180	885	1020	1110	945	965			
		1 9/16	7 3/4	1 3/4	7.513	(8) 10d	(4) 10d	2	1115	1395	---	---	---	---	---	---	---	---	---	---	---	---	1115	1280	1395	1115	1280	1395	945	965			
		1 9/16	7 3/4	1 3/4	7.513	(8) 10d	(4) 10d	3	1115	1395	---	---	---	---	---	---	---	---	---	---	---	---	1115	1280	1395	1115	1280	1395	945	965			
JUS210	LUS210	1 9/16	7 3/4	1 3/4	7.513	(8) 16d	(4) 10d	1	1050	1315	---	---	---	---	---	---	---	---	---	---	---	---	1050	1210	1315	885	1020	1110	945	965			
		1 9/16	7 3/4	1 3/4	7.513	(8) 16d	(4) 10d	2	1265	1510	---	---	---	---	---	---	---	---	---	---	---	---	1265	1455	1510	1265	1455	1510	945	965			
		1 9/16	7 3/4	1 3/4	7.513	(8) 16d	(4) 10d	3	1265	1510	---	---	---	---	---	---	---	---	---	---	---	---	1265	1455	1510	1265	1455	1510	945	965			
HUS210	HUS210	1 5/8	9 3/16	3	8.906	(30) 16d	(10) 16d	1	3600	3890	---	---	---	---	---	---	---	---	---	---	---	---	3600	3890	3890	1195	1375	1490	2770	2770			
		1 5/8	9 3/16	3	8.906	(30) 16d	(10) 16d	2	3600	3890	---	---	---	---	---	---	---	---	---	---	---	---	3600	3890	3890	2385	2745	2985	2770	2770			
		1 5/8	9 3/16	3	8.906	(30) 16d	(10) 16d	3	3600	3890	---	---	---	---	---	---	---	---	---	---	---	---	3600	3890	3890	3580	3890	3890	2770	2770			
THD210	---	1 5/8	9	3	8.737	(38) 16d	(20) 10d x 1 1/2	1	3140	4425	---	---	---	---	---	---	---	---	---	---	---	---	3090	3555	3865	1135	1305	1420	2195	2630			
		1 5/8	9	3	8.737	(38) 16d	(20) 10d x 1 1/2	2	4080	4425	---	---	---	---	---	---	---	---	---	---	---	---	4080	4425	4425	2270	2610	2835	2195	2630			
		1 5/8	9	3	8.737	(38) 16d	(20) 10d x 1 1/2	3	4080	4425	---	---	---	---	---	---	---	---	---	---	---	---	4080	4425	4425	3405	3915	4255	2195	2630			
MSH29	THA29	1 5/8	8 3/4	2 1/4	8.450	(18) 10d	(4) 10d	1	1760	2310	---	---	---	---	---	---	---	---	---	---	---	---	1760	2025	2200	1055	1210	1315	680	680			
		1 5/8	8 3/4	2 1/4	8.450	(18) 10d	(4) 10d	2	2085	2310	---	---	---	---	---	---	---	---	---	---	---	---	2085	2310	2310	2085	2310	2310	680	680			
		1 5/8	8 3/4	2 1/4	8.450	(18) 10d	(4) 10d	3	2085	2310	---	---	---	---	---	---	---	---	---	---	---	---	2085	2310	2310	2085	2310	2310	680	680			
2 Ply Carried Member																																	
SUH24-2	U24-2	3 1/8	3 3/16	2	2.875	(6) 16d	(2) 10d	1	540	880	540	620	675	540	620	675	540	620	675	540	620	675	540	620	675	540	620	675	260	310			
		3 1/8	3 3/16	2	2.875	(6) 16d	(2) 10d	2	700	880	700	805																					



**ANSI/TPI 1-1995 ALLOWABLE LOADS
Spruce-Pine-Fir (F_v = 70 psi)**

USP Stock No.	Ref. No.	Dimensions (in.)				Fasteners		No. of Plys Supporting Member	Normal Loads			2 x 4 Sup't Member			2 x 6 Sup't Member			2 x 8 Sup't Member			2 x 10 Sup't Member			2 x 12 Sup't Member			Uplift			
		W	H	D	H _E	Supporting Member	Supported Member		100%	Hanger Max.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	133%	160%
2 Ply Carried Member																														
THDH26-2	HGUS26-2	3 1/4	5 1/2	4	5.184	(22) 16d	(8) 16d	1	2895	4375	---	---	---	1775	2045	2220	800	800	800	800	800	820	800	800	800	800	800	2255	2255	
		3 1/4	5 1/2	4	5.184	(22) 16d	(8) 16d	2	3505	4375	---	---	---	3505	4030	4375	1245	1430	1555	1315	1510	1645	800	800	800	800	800	800	2255	2255
		3 1/4	5 1/2	4	5.184	(22) 16d	(8) 16d	3	3505	4375	---	---	---	3505	4030	4375	1870	2150	2335	1970	2265	2465	800	800	800	800	800	800	2255	2255
SUH28-2	---	3 1/8	6 5/16	2	5.968	(10) 16d	(4) 10d	1	900	1125	---	---	---	---	---	---	870	1000	1090	800	815	885	800	815	885	800	910	990	525	625
		3 1/8	6 5/16	2	5.968	(10) 16d	(4) 10d	2	1170	1460	---	---	---	1170	1345	1460	1170	1345	1460	1170	1345	1460	1170	1345	1460	1170	1345	1460	525	625
		3 1/8	6 5/16	2	5.968	(10) 16d	(4) 10d	3	1170	1460	---	---	---	1170	1345	1460	1170	1345	1460	1170	1345	1460	1170	1345	1460	1170	1345	1460	525	625
HD28-2	HU28-2	3 1/8	7 1/8	2 1/2	5.799	(14) 16d	(6) 10d	1	1270	2060	---	---	---	---	---	---	800	910	990	800	800	865	800	905	985	785	945	945	945	
		3 1/8	7 1/8	2 1/2	5.799	(14) 16d	(6) 10d	2	1650	2060	---	---	---	---	---	---	1585	1825	1980	1385	1590	1730	1575	1815	1970	785	945			
		3 1/8	7 1/8	2 1/2	5.799	(14) 16d	(6) 10d	3	1650	2060	---	---	---	---	---	---	1650	1900	2060	1650	1900	2060	1650	1900	2060	1650	1900	2060	785	945
JUS28-2	LUS28-2	3 1/8	7 1/4	2	7.020	(6) 16d	(4) 16d	1	850	1380	---	---	---	---	---	---	850	980	1065	850	980	1065	840	965	1050	1160	1170	1170		
		3 1/8	7 1/4	2	7.020	(6) 16d	(4) 16d	2	1105	1380	---	---	---	---	---	---	1105	1270	1380	1105	1270	1380	1105	1270	1380	1105	1270	1380	1160	1170
		3 1/8	7 1/4	2	7.020	(6) 16d	(4) 16d	3	1105	1380	---	---	---	---	---	---	1105	1270	1380	1105	1270	1380	1105	1270	1380	1105	1270	1380	1160	1170
THD28-2	HHUS28-2	3 7/16	7	3	6.705	(28) 16d	(16) 10d	1	2495	4055	---	---	---	---	---	---	1825	2100	2280	810	935	1015	820	940	1020	2065	2150	2150		
		3 7/16	7	3	6.705	(28) 16d	(16) 10d	2	3245	4055	---	---	---	---	---	---	3245	3730	4055	1625	1865	2030	1635	1880	2045	2065	2150			
		3 7/16	7	3	6.705	(28) 16d	(16) 10d	3	3245	4055	---	---	---	---	---	---	3245	3730	4055	2435	2800	3045	2455	2820	3065	2065	2150			
THDH28-2	HGUS28-2	3 1/4	7 1/4	4	6.934	(36) 16d	(10) 16d	1	4420	6770	---	---	---	---	---	---	3045	3500	3805	860	990	1080	835	955	1040	2755	2755			
		3 1/4	7 1/4	4	6.934	(36) 16d	(10) 16d	2	5415	6770	---	---	---	---	---	---	5415	6225	6770	1725	1985	2155	1665	1915	2080	2755	2755			
		3 1/4	7 1/4	4	6.934	(36) 16d	(10) 16d	3	5415	6770	---	---	---	---	---	---	5415	6225	6770	2585	2975	3235	2500	2870	3120	2755	2755			
SUH210-2	U210-2	3 1/8	8 5/8	2	8.375	(14) 16d	(6) 10d	1	1265	1580	---	---	---	---	---	---	---	---	---	1265	1455	1580	1035	1190	1295	785	940			
		3 1/8	8 5/8	2	8.375	(14) 16d	(6) 10d	2	1635	2045	---	---	---	---	---	---	---	---	---	1635	1880	2045	1635	1880	2045	785	940			
		3 1/8	8 5/8	2	8.375	(14) 16d	(6) 10d	3	1635	2045	---	---	---	---	---	---	---	---	---	1635	1880	2045	1635	1880	2045	785	940			
HD210-2	HU210-2	3 1/8	9	2 1/2	7.558	(18) 16d	(10) 10d	1	1635	2645	---	---	---	---	---	---	---	---	---	1085	1245	1355	895	1025	1115	1315	1580			
		3 1/8	9	2 1/2	7.558	(18) 16d	(10) 10d	2	2120	2645	---	---	---	---	---	---	---	---	---	2120	2440	2645	1785	2055	2230	1315	1580			
		3 1/8	9	2 1/2	7.558	(18) 16d	(10) 10d	3	2120	2645	---	---	---	---	---	---	---	---	---	2120	2440	2645	2120	2440	2645	1315	1580			
JUS210-2	LUS210-2	3 1/8	9 1/4	2	9.020	(8) 16d	(6) 16d	1	1185	1715	---	---	---	---	---	---	---	---	---	1185	1365	1480	1185	1365	1480	1715	1715			
		3 1/8	9 1/4	2	9.020	(8) 16d	(6) 16d	2	1540	1715	---	---	---	---	---	---	---	---	---	1540	1715	1715	1540	1715	1715	1715	1715			
		3 1/8	9 1/4	2	9.020	(8) 16d	(6) 16d	3	1540	1715	---	---	---	---	---	---	---	---	---	1540	1715	1715	1540	1715	1715	1715	1715			
THD210-2	HHUS210-2	3 7/16	9	3	8.700	(38) 16d	(20) 10d	1	3390	5505	---	---	---	---	---	---	---	---	---	2895	3330	3620	1125	1290	1405	2580	3100			
		3 7/16	9	3	8.700	(38) 16d	(20) 10d	2	4405	5505	---	---	---	---	---	---	---	---	---	4405	5065	5505	2245	2585	2810	2580	3100			
		3 7/16	9	3	8.700	(38) 16d	(20) 10d	3	4405	5505	---	---	---	---	---	---	---	---	---	4405	5065	5505	3370	3875	4210	2580	3100			
THDH210-2	HGUS210-2	3 1/4	9 1/4	4	8.938	(46) 16d	(12) 16d	1	5570	7795	---	---	---	---	---	---	---	---	---	4965	5710	6210	1205	1385	1505	3435	3435			
		3 1/4	9 1/4	4	8.938	(46) 16d	(12) 16d	2	6840	7795	---	---	---	---	---	---	---	---	---	6840	7795	7795	2410	2775	3015	3435	3435			
		3 1/4	9 1/4	4	8.938	(46) 16d	(12) 16d	3	6840	7795	---	---	---	---	---	---	---	---	---	6840	7795	7795	3615	4160	4520	3435	3435			
3 Ply Carried Member																														
JUS24-3	---	4 5/8	2 3/4	2	2.530	(4) 16d	(2) 16d	1	515	835	515	590	645	515	590	645	515	590	645	515	590	645	515	590	645	515	590	280	280	
		4 5/8	2 3/4	2	2.530	(4) 16d	(2) 16d	2	665	835	665	765	830	665	765	830	665	765	830	665	765	830	665	765	830	665	765	830	280	280
		4 5/8	2 3/4	2	2.530	(4) 16d	(2) 16d	3	665	835	665	765	830	665	765	830	665	765	830	665	765	830	665	765	830	665	765	830	280	280
JUS26-3	LUS26-3	4 5/8	4 1/2	2	4.274	(4) 16d	(4) 16d	1	670	1055	---	---	---	670	770	800	670	770	800	670	770	800	670	770	800	670	770	800	1160	1170
		4 5/8	4 1/2	2	4.274	(4) 16d	(4) 16d	2	870	1055	---	---	---	870	1000	1055	870	1000	1055	800	800	800	800	800	800	800	800	1160	1170	
		4 5/8	4 1/2	2	4.274	(4) 16d	(4) 16d	3	870	1055	---	---	---	870	1000	1055	870	1000	1055	800	800	800	800	800	800	800	800	1160	1170	
THDH26-3	HGUS26-3	5 1/8	5 3/8	4	5.143	(20) 16d	(8) 16d	1	2705	4075	---	---	---	1585	1825	1980	800	800	800	800	800	820	800	800	800	800	800	1935	1935	
		5 1/8	5 3/8	4	5.143	(20) 16d	(8) 16d	2	3255	4075	---	---	---	3170	3645	3965	1230	1415	1540	1310	1510	1640	800	800	800	800	1935	1935		
		5 1/8	5 3/8	4	5.143	(20) 16d	(8) 16d	3	3255	4075	---	---	---	3255	3745	4070	1845	2125	2310	1965	2260	2460	800	800	800	800	1935	1935		
JUS28-3	LUS28-3	4 5/8	6 1/2	2	6.274	(6) 16d	(4) 16d	1	850	1380	---	---	---	---	---	---	850	980	1065	800	855	925	800	920	1000	1160	1170			
		4 5/8	6 1/2	2	6.274	(6) 16d	(4) 16d	2	1105	1380	---	---	---	---	---	---	1105	1270	1380	1105	1270	1380	1105	1270	1380	1160	1170			
		4 5/8	6 1/2	2	6.274	(6) 16d	(4) 16d	3	1105	1380	---	---	---	---	---	---	1105	1270	1380	1105	1270	1380	1105	1270	1380	1160	1170			



**ANSI/TPI 1-1995 ALLOWABLE LOADS
Spruce-Pine-Fir (F_v = 70 psi)**

USP Stock No.	Ref. No.	Dimensions (in.)				Fasteners		No. of Plys Supporting Member	Normal Loads			2 x 4 Sup't Member			2 x 6 Sup't Member			2 x 8 Sup't Member			2 x 10 Sup't Member			2 x 12 Sup't Member			Uplift	
		W	H	D	H _E	Supporting Member	Supported Member		100%	Hanger Max.	Floor 100%	Snow 115%	Const. 125%	Floor 100%	Snow 115%	Const. 125%	Floor 100%	Snow 115%	Const. 125%	Floor 100%	Snow 115%	Const. 125%	Floor 100%	Snow 115%	Const. 125%	133%	160%	
4x Connectors																												
THD46	HHUS46	3 5/8	5 3/8	3	5.143	(18) 16d	(12) 10d	1	1630	2645	---	---	---	1585	1825	1980	800	800	800	800	800	820	800	800	800	1580	1895	
		3 5/8	5 3/8	3	5.143	(18) 16d	(12) 10d	2	2120	2645	---	---	---	2120	2440	2645	1230	1415	1540	1310	1510	1640	800	800	800	1580	1895	
		3 5/8	5 3/8	3	5.143	(18) 16d	(12) 10d	3	2120	2645	---	---	---	2120	2440	2645	1845	2125	2310	1965	2260	2460	800	800	800	1580	1895	
THDH46	HGUS46	3 9/16	5 3/8	4	4.996	(22) 16d	(8) 16d	1	2895	4375	---	---	---	1155	1330	1445	800	800	800	800	800	815	800	800	800	2255	2255	
		3 9/16	5 3/8	4	4.996	(22) 16d	(8) 16d	2	3505	4375	---	---	---	2315	2660	2890	1185	1360	1480	1305	1500	1630	800	800	800	2255	2255	
		3 9/16	5 3/8	4	4.996	(22) 16d	(8) 16d	3	3505	4375	---	---	---	3470	3990	4335	1775	2045	2220	1955	2250	2445	800	800	800	2255	2255	
HD48	HU48	3 9/16	6 7/8	2 1/2	6.955	(14) 16d	(6) 10d	1	1270	2060	---	---	---	---	---	---	1270	1460	1590	870	1000	1085	835	960	1045	785	945	
		3 9/16	6 7/8	2 1/2	6.955	(14) 16d	(6) 10d	2	1650	2060	---	---	---	---	---	---	1650	1900	2060	1650	1900	2060	1650	1900	2060	785	945	
		3 9/16	6 7/8	2 1/2	6.955	(14) 16d	(6) 10d	3	1650	2060	---	---	---	---	---	---	1650	1900	2060	1650	1900	2060	1650	1900	2060	785	945	
JUS48	LUS48	3 5/8	7	2	6.770	(6) 16d	(4) 16d	1	850	1380	---	---	---	---	---	---	850	980	1065	825	950	1030	820	945	1025	1160	1170	
		3 5/8	7	2	6.770	(6) 16d	(4) 16d	2	1105	1380	---	---	---	---	---	---	1105	1270	1380	1105	1270	1380	1105	1270	1380	1160	1170	
		3 5/8	7	2	6.770	(6) 16d	(4) 16d	3	1105	1380	---	---	---	---	---	---	1105	1270	1380	1105	1270	1380	1105	1270	1380	1160	1170	
THD48	HHUS48	3 5/8	7	3	6.705	(28) 16d	(16) 10d	1	2495	4055	---	---	---	---	---	---	1825	2100	2280	810	935	1015	820	940	1020	2065	2150	
		3 5/8	7	3	6.705	(28) 16d	(16) 10d	2	3245	4055	---	---	---	---	---	---	3245	3730	4055	1625	1865	2030	1635	1880	2045	2065	2150	
		3 5/8	7	3	6.705	(28) 16d	(16) 10d	3	3245	4055	---	---	---	---	---	---	3245	3730	4055	2435	2800	3045	2455	2820	3065	2065	2150	
THDH48	HGUS48	3 5/8	7 1/16	4	6.746	(36) 16d	(10) 16d	1	4420	6770	---	---	---	---	---	---	1960	2255	2450	820	945	1025	820	945	1025	2755	2755	
		3 5/8	7 1/16	4	6.746	(36) 16d	(10) 16d	2	5415	6770	---	---	---	---	---	---	3925	4510	4905	1640	1885	2050	1640	1885	2050	2755	2755	
		3 5/8	7 1/16	4	6.746	(36) 16d	(10) 16d	3	5415	6770	---	---	---	---	---	---	5415	6225	6770	2460	2830	3075	2460	2830	3075	2755	2755	
SUH410	U410	3 9/16	8 3/8	2	8.125	(14) 16d	(6) 10d	1	1265	2045	---	---	---	---	---	---	---	---	---	1265	1455	1580	980	1130	1225	785	940	
		3 9/16	8 3/8	2	8.125	(14) 16d	(6) 10d	2	1635	2045	---	---	---	---	---	---	---	---	---	1635	1880	2045	1635	1880	2045	785	940	
		3 9/16	8 3/8	2	8.125	(14) 16d	(6) 10d	3	1635	2045	---	---	---	---	---	---	---	---	---	1635	1880	2045	1635	1880	2045	785	940	
JUS410	LUS410	3 5/8	9	2	8.770	(8) 16d	(6) 16d	1	1185	1715	---	---	---	---	---	---	---	---	---	1185	1365	1480	1145	1315	1430	1715	1715	
		3 5/8	9	2	8.770	(8) 16d	(6) 16d	2	1540	1715	---	---	---	---	---	---	---	---	---	1540	1715	1715	1540	1715	1715	1715	1715	
		3 5/8	9	2	8.770	(8) 16d	(6) 16d	3	1540	1715	---	---	---	---	---	---	---	---	---	1540	1715	1715	1540	1715	1715	1715	1715	
THD410	HHUS410	3 5/8	9	3	8.705	(38) 16d	(20) 10d	1	3390	5505	---	---	---	---	---	---	---	---	---	2920	3355	3650	1125	1295	1405	2580	3100	
		3 5/8	9	3	8.705	(38) 16d	(20) 10d	2	4405	5505	---	---	---	---	---	---	---	---	---	4405	5065	5505	2250	2585	2810	2580	3100	
		3 5/8	9	3	8.705	(38) 16d	(20) 10d	3	4405	5505	---	---	---	---	---	---	---	---	---	4405	5065	5505	3375	3880	4220	2580	3100	
THDH410	HGUS410	3 5/8	9 1/16	4	8.746	(46) 16d	(12) 16d	1	5570	7795	---	---	---	---	---	---	---	---	---	3140	3615	3930	1140	1310	1420	3435	3435	
		3 5/8	9 1/16	4	8.746	(46) 16d	(12) 16d	2	6840	7795	---	---	---	---	---	---	---	---	---	6285	7225	7795	2275	2615	2845	3435	3435	
		3 5/8	9 1/16	4	8.746	(46) 16d	(12) 16d	3	6840	7795	---	---	---	---	---	---	---	---	---	6840	7795	7795	3415	3925	4265	3435	3435	
Miscellaneous																												
HD17925	HU9	1 13/16	9 1/8	2	8.214	(18) 16d	(6) 10d x 1 1/2	1	1635	2400	---	---	---	---	---	---	---	---	---	1630	1870	2035	1000	1150	1250	665	795	
		1 13/16	9 1/8	2	8.214	(18) 16d	(6) 10d x 1 1/2	2	2120	2400	---	---	---	---	---	---	---	---	---	2120	2400	2400	2000	2300	2400	665	795	
		1 13/16	9 1/8	2	8.214	(18) 16d	(6) 10d x 1 1/2	3	2120	2400	---	---	---	---	---	---	---	---	---	2120	2400	2400	2120	2400	2400	665	795	
HUS179	HUS1.81/10	1 13/16	9 1/8	3	8.812	(30) 16d	(10) 16d	1	3705	4520	---	---	---	---	---	---	---	---	---	3590	4125	4485	1160	1335	1450	2770	2770	
		1 13/16	9 1/8	3	8.812	(30) 16d	(10) 16d	2	4230	4520	---	---	---	---	---	---	---	---	---	4230	4520	4520	2320	2670	2900	2770	2770	
		1 13/16	9 1/8	3	8.812	(30) 16d	(10) 16d	3	4230	4520	---	---	---	---	---	---	---	---	---	4230	4520	4520	3480	4000	4350	2770	2770	
THD179	---	1 7/8	8 7/8	3	8.612	(38) 16d	(20) 10d x 1 1/2	1	3445	4915	---	---	---	---	---	---	---	---	---	2520	2900	3150	1095	1260	1370	2215	2655	
		1 7/8	8 7/8	3	8.612	(38) 16d	(20) 10d x 1 1/2	2	4470	4915	---	---	---	---	---	---	---	---	---	4470	4915	4915	2195	2525	2740	2215	2655	
		1 7/8	8 7/8	3	8.612	(38) 16d	(20) 10d x 1 1/2	3	4470	4915	---	---	---	---	---	---	---	---	---	4470	4915	4915	3290	3785	4115	2215	2655	
THDH7210	HGUS7.25/10	7 1/4	9	4	8.455	(46) 16d	(12) 16d	1	5220	8475	---	---	---	---	---	---	---	---	---	2060	2370	2575	1055	1215	1320	3550	4265	
		7 1/4	9	4	8.455	(46) 16d	(12) 16d	2	6780	8475	---	---	---	---	---	---	---	---	---	4120	4740	5150	2110	2425	2635	3550	4265	
		7 1/4	9	4	8.455	(46) 16d	(12) 16d	3	6780	8475	---	---	---	---	---	---	---	---	---	6180	7110	7725	3165	3640	3955	3550	4265	
45° Skewed Connectors																												
SKH24L/R	SUR/L24	1 9/16	3 1/4	1 7/8	2.987	(4) 16d	(4) 10d x 1 1/2	1	335	440	335	385	420	335	385	420	335	385	420	335	385	420	335	385	420	435	490	
		1 9/16	3 1/4	1 7/8	2.987	(4) 16d	(4) 10d x 1 1/2	2	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	435	490
		1 9/16	3 1/4	1 7/8	2.987	(4) 16d	(4) 10d x 1 1/2	3	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	440	435	490
SKH26L/R	SUR/L26	1 9/16	5 1/4	1 7/8	4.237	(6) 16d	(6) 10d x 1 1/2	1	540	770	---	---	---	---	---	---	540	620	675	540	620	675	540	620	675	655	785	
		1 9/16	5 1/4	1 7/8	4.237	(6) 16d	(6) 10d x 1 1/2	2	700	770	---	---	---	---	---	---	700	770	770	700	770	770	700	770	770	655	785	
		1 9/16	5 1/4	1 7/8	4.237	(6) 16d	(6) 10d x 1 1/2	3	700	770	---	---	---	---	---	---	700	770	770	700	770	770	700	770	770	655	785	
SKHH26L/R	---	1 5/8	5 1/8	3 1/4	4.830	(18) 16d	(12) 10d x 1 1/2	1	975	1590	---	---	---	---	---	---	900	1035	1125	800	800	800	800	800	800	1280	1540	
		1 5/8	5 1/8	3 1/4	4.830	(18) 16d	(12) 10d x 1 1/2	2	1270	1590	---	---	---	---	---	---	1270	1460	1590	1140	1310	1425	1270	1460	1590	800	800	
		1 5/8	5 1/8	3 1/4	4.830	(18) 16d	(12) 10d x 1 1/2	3	1270	1590	---	---	---	---	---	---	1270	1460	1590	1270	1460	1590	800	800	800	1280	1540	
SKH28L/R	---	1 9/16	7 1/4	1 7/8	6.612	(10) 16d	(8) 10d x 1 1/																					



**ANSI/TPI 1-1995 ALLOWABLE LOADS
Spruce-Pine-Fir (F_v = 70 psi)**

USP Stock No.	Ref. No.	Dimensions (in.)				Fasteners		No. of Plys Supporting Member	Normal Loads			2 x 4 Sup't Member			2 x 6 Sup't Member			2 x 8 Sup't Member			2 x 10 Sup't Member			2 x 12 Sup't Member			Uplift				
		W	H	D	H _E	Supporting Member	Supported Member		100%	Hanger Max.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	133%	160%				
45° Skewed Connectors																															
SKHH210L/R	-- --	1 5/8	9	4 1/4	8.705	(34) 16d	(20) 10d x 1 1/2	1	1845	3000	---	---	---	---	---	---	---	---	---	---	1845	2120	2305	1125	1295	1405	2135	2570			
		1 5/8	9	4 1/4	8.705	(34) 16d	(20) 10d x 1 1/2	2	2400	3000	---	---	---	---	---	---	---	---	---	---	---	2400	2760	3000	2250	2585	2810	2135	2570		
		1 5/8	9	4 1/4	8.705	(34) 16d	(20) 10d x 1 1/2	3	2400	3000	---	---	---	---	---	---	---	---	---	---	---	2400	2760	3000	2400	2760	3000	2135	2570		
SKH26L/R-2	SUR/L26-2	3 1/16	4 1/2	1 3/8	3.458	(6) 16d	(6) 10d	1	540	880	---	---	---	540	620	675	540	620	675	540	620	675	540	620	675	540	620	675	785	940	
		3 1/16	4 1/2	1 3/8	3.458	(6) 16d	(6) 10d	2	700	880	---	---	---	700	805	875	700	800	800	700	800	800	700	800	800	700	800	800	800	785	940
		3 1/16	4 1/2	1 3/8	3.458	(6) 16d	(6) 10d	3	700	880	---	---	---	700	805	875	700	800	800	700	800	800	700	800	800	700	800	800	800	785	940
SKHH26L/R-2	HSUR/L26-2	3 1/16	5 1/4	2	4.955	(12) 16d	(4) 16d x 2 1/2	1	1085	1765	---	---	---	1080	1240	1350	800	800	800	800	800	800	815	800	800	800	800	800	620	745	
		3 1/16	5 1/4	2	4.955	(12) 16d	(4) 16d x 2 1/2	2	1410	1765	---	---	---	1410	1620	1765	1175	1350	1465	1300	1495	1625	800	800	800	800	800	620	745		
		3 1/16	5 1/4	2	4.955	(12) 16d	(4) 16d x 2 1/2	3	1410	1765	---	---	---	1410	1620	1765	1410	1620	1765	1410	1620	1765	800	800	800	800	800	620	745		
SKH28L/R-2	-- --	3 1/16	6 1/2	1 3/8	5.830	(10) 16d	(8) 10d	1	900	1460	---	---	---	805	925	1005	800	800	870	800	905	985	1040	1250	1250	1250	1250	1250	1250	1250	
		3 1/16	6 1/2	1 3/8	5.830	(10) 16d	(8) 10d	2	1170	1460	---	---	---	---	---	---	1170	1345	1460	1170	1345	1460	1170	1345	1460	1170	1345	1460	1040	1250	
		3 1/16	6 1/2	1 3/8	5.830	(10) 16d	(8) 10d	3	1170	1460	---	---	---	---	---	---	1170	1345	1460	1170	1345	1460	1170	1345	1460	1170	1345	1460	1040	1250	
SKH210L/R-2	SUR/L210-2	3 1/16	8 1/2	1 3/8	8.080	(14) 16d	(10) 10d	1	1260	2045	---	---	---	---	---	---	---	---	---	---	1260	1450	1575	975	1120	1215	1300	1355			
		3 1/16	8 1/2	1 3/8	8.080	(14) 16d	(10) 10d	2	1635	2045	---	---	---	---	---	---	---	---	---	---	1635	1880	2045	1635	1880	2045	1300	1355			
		3 1/16	8 1/2	1 3/8	8.080	(14) 16d	(10) 10d	3	1635	2045	---	---	---	---	---	---	---	---	---	---	1635	1880	2045	1635	1880	2045	1300	1355			
SKHH210L/R-2	HSUR/L210-2	3 1/16	8 1/2	2	8.205	(20) 16d	(6) 16d x 2 1/2	1	1810	2940	---	---	---	---	---	---	---	---	---	---	1615	1860	2020	995	1145	1245	925	1110			
		3 1/16	8 1/2	2	8.205	(20) 16d	(6) 16d x 2 1/2	2	2355	2940	---	---	---	---	---	---	---	---	---	---	2355	2710	2940	1995	2295	2495	925	1110			
		3 1/16	8 1/2	2	8.205	(20) 16d	(6) 16d x 2 1/2	3	2355	2940	---	---	---	---	---	---	---	---	---	---	2355	2710	2940	2355	2710	2940	925	1110			
SKH46L/R	SUR/L46	3 9/16	4 3/4	2 1/2	4.455	(10) 16d	(6) 16d	1	905	1375	---	---	---	800	800	800	800	800	800	800	800	800	800	800	800	800	800	945	1130		
		3 9/16	4 3/4	2 1/2	4.455	(10) 16d	(6) 16d	2	1175	1375	---	---	---	1175	1350	1375	1070	1230	1340	800	800	800	800	800	800	800	800	945	1130		
		3 9/16	4 3/4	2 1/2	4.455	(10) 16d	(6) 16d	3	1175	1375	---	---	---	1175	1350	1375	1175	1350	1375	800	800	800	800	800	800	800	800	945	1130		
SKHH46L/R	HSUR/L46	3 9/16	5 1/4	2 1/2	4.955	(12) 16d	(6) 16d	1	1085	1765	---	---	---	1080	1240	1350	800	800	800	800	800	815	800	800	800	800	800	640	770		
		3 9/16	5 1/4	2 1/2	4.955	(12) 16d	(6) 16d	2	1410	1765	---	---	---	1410	1620	1765	1175	1350	1465	1300	1495	1625	800	800	800	800	640	770			
		3 9/16	5 1/4	2 1/2	4.955	(12) 16d	(6) 16d	3	1410	1765	---	---	---	1410	1620	1765	1410	1620	1765	1410	1620	1765	800	800	800	800	640	770			
SKH410L/R	SUR/L410	3 9/16	8 1/2	2 1/2	8.205	(16) 16d	(10) 16d	1	1450	2195	---	---	---	---	---	---	---	---	---	---	1450	1670	1815	995	1145	1245	1355	1355			
		3 9/16	8 1/2	2 1/2	8.205	(16) 16d	(10) 16d	2	1880	2195	---	---	---	---	---	---	---	---	---	---	1880	2160	2195	1880	2160	2195	1355	1355			
		3 9/16	8 1/2	2 1/2	8.205	(16) 16d	(10) 16d	3	1880	2195	---	---	---	---	---	---	---	---	---	---	1880	2160	2195	1880	2160	2195	1355	1355			
SKHH410L/R	HSUR/L410	3 9/16	8 1/2	2 1/2	8.205	(20) 16d	(10) 16d	1	1810	2940	---	---	---	---	---	---	---	---	---	---	1615	1860	2020	995	1145	1245	1565	1880			
		3 9/16	8 1/2	2 1/2	8.205	(20) 16d	(10) 16d	2	2355	2940	---	---	---	---	---	---	---	---	---	---	2355	2710	2940	1995	2295	2495	1565	1880			
		3 9/16	8 1/2	2 1/2	8.205	(20) 16d	(10) 16d	3	2355	2940	---	---	---	---	---	---	---	---	---	---	2355	2710	2940	2355	2710	2940	1565	1880			
Hip/Jack Connectors																															
BN264	-- --	10	5 3/8	--	5.000	(20) 10d	(8) 10d x 1 1/2	1	1665	2465	---	---	---	1165	1340	1455	800	800	800	800	800	815	800	800	800	800	555	555			
		10	5 3/8	--	5.000	(20) 10d	(8) 10d x 1 1/2	2	1970	2465	---	---	---	1970	2265	2465	1185	1365	1480	1305	1500	1630	800	800	800	800	555	555			
		10	5 3/8	--	5.000	(20) 10d	(8) 10d x 1 1/2	3	1970	2465	---	---	---	1970	2265	2465	1780	2045	2225	1955	2250	2445	800	800	800	800	555	555			
BN284	-- --	10	7 1/8	--	6.750	(20) 10d	(8) 10d x 1 1/2	1	1665	2465	---	---	---	---	---	---	1665	1915	2080	820	945	1025	820	945	1025	555	555				
		10	7 1/8	--	6.750	(20) 10d	(8) 10d x 1 1/2	2	1970	2465	---	---	---	---	---	---	1970	2265	2465	1640	1890	2050	1640	1885	2050	555	555				
		10	7 1/8	--	6.750	(20) 10d	(8) 10d x 1 1/2	3	1970	2465	---	---	---	---	---	---	1970	2265	2465	1970	2265	2465	1970	2265	2465	555	555				
HTHJ24-18	-- --	5 7/8	3	5	2.500	(10) 10d	(8) 10d	1	890	1210	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	755	755			
		5 7/8	3	5	2.500	(10) 10d	(8) 10d	2	970	1210	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	755	755			
		5 7/8	3	5	2.500	(10) 10d	(8) 10d	3	970	1210	900	1035	1125	800	800	800	800	800	800	800	800	800	800	800	800	800	755	755			
HTHJ26-18	LTHJR/L	5 7/8	5	5	4.500	(16) 16d	(12) 16d	1	1425	2320	---	---	---	800	800	810	800	800	800	800	800	800	800	800	800	800	1430	1610			
		5 7/8	5	5	4.500	(16) 16d	(12) 16d	2	1855	2320	---	---	---	1295	1490	1620	1080	1240	1345	800	800	800	800	800	800	800	1430	1610			
		5 7/8	5	5	4.500	(16) 16d	(12) 16d	3	1855	2320	---	---	---	1855	2135	2320	1615	1860	2020	800	800	800	800	800	800	800	1430	1610			
HJC26	-- --	6	5 3/8	3 1/4	5.215	(16) 16d	(12) 10d	1	1460	2370	---	---	---	1460	1680	1825	800	800	800	800	800	825	800	800	800	800	1360	1590			
		6	5 3/8	3 1/4	5.215	(16) 16d	(12) 10d	2	1895	2370	---	---	---	1895	2180	2370	1255	1445	1570	1315	1515	1645	800								



**ANSI/TPI 1-1995 ALLOWABLE LOADS
Spruce-Pine-Fir (F_v = 70 psi)**

USP Stock No.	Ref. No.	Dimensions (in.)				Fasteners		No. of Pls Supporting Member	Normal Loads			2 x 4 Sup't Member			2 x 6 Sup't Member			2 x 8 Sup't Member			2 x 10 Sup't Member			2 x 12 Sup't Member			Uplift			
		W	H	D	H _E	Supporting Member	Supported Member		100%	Hanger Max.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	Floor	Snow	Const.	133%	160%
Hip/Jack Connectors																														
HJH28L	-- --	13	1/4	7	1/4	4	6.000	(16) 16d	(15) 16d	1	1425	2770	---	---	---	---	---	---	890	1025	1110	800	815	890	800	910	990	1915	1915	
		13	1/4	7	1/4	4	6.000	(16) 16d	(15) 16d	2	2215	2770	---	---	---	---	---	---	---	1780	2045	2225	1420	1635	1775	1580	1820	1980	1915	1915
		13	1/4	7	1/4	4	6.000	(16) 16d	(15) 16d	3	2215	2770	---	---	---	---	---	---	---	---	2215	2545	2770	2130	2450	2665	2215	2545	2770	1915
HJH28R	-- --	13	1/4	7	1/4	4	6.000	(16) 16d	(15) 16d	1	1425	2770	---	---	---	---	---	---	---	890	1025	1110	800	815	890	800	910	990	1915	1915
		13	1/4	7	1/4	4	6.000	(16) 16d	(15) 16d	2	2215	2770	---	---	---	---	---	---	---	1780	2045	2225	1420	1635	1775	1580	1820	1980	1915	1915
		13	1/4	7	1/4	4	6.000	(16) 16d	(15) 16d	3	2215	2770	---	---	---	---	---	---	---	---	2215	2545	2770	2130	2450	2665	2215	2545	2770	1915
HHC28	-- --	9		7	3/16	3	1/4	6.900	(24) 16d	(12) 10d	1	1825	2965	---	---	---	---	---	---	1825	2100	2280	855	980	1070	830	955	1040	1930	2325
		9		7	3/16	3	1/4	6.900	(24) 16d	(12) 10d	2	2905	3635	---	---	---	---	---	---	2905	3340	3630	1710	1965	2135	1660	1910	2075	1930	2325
		9		7	3/16	3	1/4	6.900	(24) 16d	(12) 10d	3	2905	3635	---	---	---	---	---	---	2905	3340	3630	2565	2945	3205	2490	2865	3115	1930	2325
HJHC28	-- --	10	1/2	7	3/16	3	1/4	6.900	(24) 16d	(14) 10d	1	1825	2965	---	---	---	---	---	---	1825	2100	2280	855	980	1070	830	955	1040	1930	2325
		10	1/2	7	3/16	3	1/4	6.900	(24) 16d	(14) 10d	2	2905	3635	---	---	---	---	---	---	2905	3340	3630	1710	1965	2135	1660	1910	2075	1930	2325
		10	1/2	7	3/16	3	1/4	6.900	(24) 16d	(14) 10d	3	2905	3635	---	---	---	---	---	---	2905	3340	3630	2565	2945	3205	2490	2865	3115	1930	2325
Adjustable Slope/Skew Connectors																														
LSSH210	LSSU210	1	9/16	8	13/16	--	6.266	(10) 10d	(7) 10d x 1 1/2	1	825	1210	---	---	---	---	---	---	---	---	---	800	850	925	800	920	995	740	890	
		1	9/16	8	13/16	--	6.266	(10) 10d	(7) 10d x 1 1/2	2	970	1210	---	---	---	---	---	---	---	---	---	970	1115	1210	970	1115	1210	740	890	
		1	9/16	8	13/16	--	6.266	(10) 10d	(7) 10d x 1 1/2	3	970	1210	---	---	---	---	---	---	---	---	---	---	970	1115	1210	970	1115	1210	740	890
LSSH179	LSSUI25	1	13/16	8	13/16	--	6.344	(10) 10d	(7) 10d x 1 1/2	1	825	1210	---	---	---	---	---	---	---	---	---	800	865	940	800	920	1000	740	890	
		1	13/16	8	13/16	--	6.344	(10) 10d	(7) 10d x 1 1/2	2	970	1210	---	---	---	---	---	---	---	---	---	970	1115	1210	970	1115	1210	740	890	
		1	13/16	8	13/16	--	6.344	(10) 10d	(7) 10d x 1 1/2	3	970	1210	---	---	---	---	---	---	---	---	---	---	970	1115	1210	970	1115	1210	740	890
LSSH31	LSSU210-2	3	1/8	8	13/16	--	6.406	(14) 16d	(12) 10d x 1 1/2	1	1370	1580	---	---	---	---	---	---	---	---	---	800	875	950	805	925	1005	1265	1370	
		3	1/8	8	13/16	--	6.406	(14) 16d	(12) 10d x 1 1/2	2	1630	1660	---	---	---	---	---	---	---	---	---	1520	1660	1660	1605	1660	1660	1265	1370	
		3	1/8	8	13/16	--	6.406	(14) 16d	(12) 10d x 1 1/2	3	1630	1660	---	---	---	---	---	---	---	---	---	1630	1660	1660	1630	1660	1660	1265	1370	
LSSH35	LSSU410	3	9/16	8	13/16	--	6.609	(14) 16d	(12) 10d x 1 1/2	1	1370	1580	---	---	---	---	---	---	---	---	---	800	915	990	810	935	1015	1265	1370	
		3	9/16	8	13/16	--	6.609	(14) 16d	(12) 10d x 1 1/2	2	1630	1660	---	---	---	---	---	---	---	---	---	1585	1660	1660	1625	1660	1660	1265	1370	
		3	9/16	8	13/16	--	6.609	(14) 16d	(12) 10d x 1 1/2	3	1630	1660	---	---	---	---	---	---	---	---	---	1630	1660	1660	1630	1660	1660	1265	1370	