



ANSI/TPI 1-1995 ALLOWABLE LOADS
Douglas Fir ($F_v = 95$ 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%			
1 Ply Carried Member																																	
JL24	LU24	1	9/16	3	1 1/2	2.825	(4) 10d	(2) 10d x 1 1/2	1	380	560	380	435	475	380	435	475	380	435	475	380	435	475	380	435	475	380	435	475	245	295		
		1	9/16	3	1 1/2	2.825	(4) 10d	(2) 10d x 1 1/2	2	450	560	450	520	560	450	520	560	450	520	560	450	520	560	450	520	560	450	520	560	245	295		
		1	9/16	3	1 1/2	2.825	(4) 10d	(2) 10d x 1 1/2	3	450	560	450	520	560	450	520	560	450	520	560	450	520	560	450	520	560	450	520	560	245	295		
JRSSS	LU24-18	1	9/16	3	1 1/2	2.830	(4) 16d	(2) 10d x 1 1/2	1	415	670	415	475	520	415	475	520	415	475	520	415	475	520	415	475	520	415	475	520	245	295		
		1	9/16	3	1 1/2	2.830	(4) 16d	(2) 10d x 1 1/2	2	535	670	535	615	670	535	615	670	535	615	670	535	615	670	535	615	670	535	615	670	245	295		
		1	9/16	3	1 1/2	2.830	(4) 16d	(2) 10d x 1 1/2	3	535	670	535	615	670	535	615	670	535	615	670	535	615	670	535	615	670	535	615	670	245	295		
JESSS	---	1	9/16	3	2	2.750	(4) 16d	(2) 8d x 1 1/2	1	415	550	415	475	520	415	475	520	415	475	520	415	475	520	415	475	520	415	475	520	230	245		
		1	9/16	3	2	2.750	(4) 16d	(2) 8d x 1 1/2	2	535	550	535	550	550	535	550	550	535	550	550	535	550	550	535	550	550	535	550	550	230	245		
		1	9/16	3	2	2.750	(4) 16d	(2) 8d x 1 1/2	3	535	550	535	550	550	535	550	550	535	550	550	535	550	550	535	550	550	535	550	550	230	245		
SUH24	U24	1	9/16	3	3/8	2	2.938	(4) 16d	(2) 10d x 1 1/2	1	415	675	415	475	520	415	475	520	415	475	520	415	475	520	415	475	520	415	475	520	245	295	
		1	9/16	3	3/8	2	2.938	(4) 16d	(2) 10d x 1 1/2	2	540	675	540	620	675	540	620	675	540	620	675	540	620	675	540	620	675	540	620	675	245	295	
		1	9/16	3	3/8	2	2.938	(4) 16d	(2) 10d x 1 1/2	3	540	675	540	620	675	540	620	675	540	620	675	540	620	675	540	620	675	540	620	675	245	295	
JESS	---	1	9/16	5	2	4.719	(6) 16d	(5) 8d x 1 1/2	1	620	1005	---	---	---	620	715	775	620	715	775	620	715	775	620	715	775	620	715	775	485	485		
		1	9/16	5	2	4.719	(6) 16d	(5) 8d x 1 1/2	2	805	1005	---	---	---	805	925	1005	805	925	1005	805	925	1005	805	925	1005	805	925	1005	800	800	485	485
		1	9/16	5	2	4.719	(6) 16d	(5) 8d x 1 1/2	3	805	1005	---	---	---	805	925	1005	805	925	1005	805	925	1005	805	925	1005	805	925	1005	800	800	485	485
JUS24	LUS24	1	9/16	3	1/8	1 3/4	2.825	(4) 10d	(2) 10d	1	550	805	550	635	690	550	635	690	550	635	690	550	635	690	550	635	690	550	635	690	510	510	
		1	9/16	3	1/8	1 3/4	2.825	(4) 10d	(2) 10d	2	645	805	645	740	805	645	740	805	645	740	805	645	740	805	645	740	805	645	740	805	510	510	
		1	9/16	3	1/8	1 3/4	2.825	(4) 10d	(2) 10d	3	645	805	645	740	805	645	740	805	645	740	805	645	740	805	645	740	805	645	740	805	510	510	
JUS24	LUS24	1	9/16	3	1/8	1 3/4	2.825	(4) 16d	(2) 10d	1	610	760	610	700	760	610	700	760	610	700	760	610	700	760	610	700	760	610	700	760	510	510	
		1	9/16	3	1/8	1 3/4	2.825	(4) 16d	(2) 10d	2	735	915	735	845	915	735	845	915	735	845	915	735	845	915	735	845	915	735	845	915	510	510	
		1	9/16	3	1/8	1 3/4	2.825	(4) 16d	(2) 10d	3	735	915	735	845	915	735	845	915	735	845	915	735	845	915	735	845	915	735	845	915	510	510	
JL26	LU26	1	9/16	4	3/4	1 1/2	4.394	(6) 10d	(4) 10d x 1 1/2	1	570	840	---	---	---	570	655	715	570	655	715	570	655	715	570	655	715	570	655	715	490	590	
		1	9/16	4	3/4	1 1/2	4.394	(6) 10d	(4) 10d x 1 1/2	2	670	840	---	---	---	670	770	840	670	770	840	670	770	840	670	770	840	670	770	840	490	590	
		1	9/16	4	3/4	1 1/2	4.394	(6) 10d	(4) 10d x 1 1/2	3	670	840	---	---	---	670	770	840	670	770	840	670	770	840	670	770	840	670	770	840	490	590	
SUH26	U26	1	9/16	5	1/16	2	4.813	(6) 16d	(4) 10d x 1 1/2	1	625	780	---	---	---	625	720	780	625	720	780	625	720	780	625	720	780	625	720	780	490	590	
		1	9/16	5	1/16	2	4.813	(6) 16d	(4) 10d x 1 1/2	2	810	1015	---	---	---	810	930	1015	810	930	1015	810	930	1015	810	930	1015	800	800	490	590		
		1	9/16	5	1/16	2	4.813	(6) 16d	(4) 10d x 1 1/2	3	810	1015	---	---	---	810	930	1015	810	930	1015	810	930	1015	810	930	1015	800	800	490	590		
JRSS	LU26-18	1	9/16	4	3/4	1 1/2	4.399	(6) 16d	(4) 10d x 1 1/2	1	620	940	---	---	---	620	715	775	620	715	775	620	715	775	620	715	775	620	715	775	490	590	
		1	9/16	4	3/4	1 1/2	4.399	(6) 16d	(4) 10d x 1 1/2	2	805	940	---	---	---	805	925	940	805	925	940	800	800	800	800	800	800	800	800	800	490	590	
		1	9/16	4	3/4	1 1/2	4.399	(6) 16d	(4) 10d x 1 1/2	3	805	940	---	---	---	805	925	940	805	925	940	800	800	800	800	800	800	800	800	800	490	590	
HD26	HU26	1	9/16	3	1/2	2	3.205	(4) 16d	(2) 10d x 1 1/2	1	420	680	420	485	525	420	485	525	420	485	525	420	485	525	420	485	525	420	485	525	255	290	
		1	9/16	3	1/2	2	3.205	(4) 16d	(2) 10d x 1 1/2	2	545	680	545	625	680	545	625	680	545	625	680	545	625	680	545	625	680	545	625	680	255	290	
		1	9/16	3	1/2	2	3.205	(4) 16d	(2) 10d x 1 1/2	3	545	680	545	625	680	545	625	680	545	625	680	545	625	680	545	625	680	545	625	680	255	290	
JUS26	LUS26	1	9/16	4	13/16	1 3/4	4.513	(4) 10d	(4) 10d	1	715	1050	---	---	---	715	820	895	715	820	895	715	820	895	715	820	895	715	820	895	1095	1115	
		1	9/16	4	13/16	1 3/4	4.513	(4) 10d	(4) 10d	2	840	1050	---	---	---	840	965	1050	840	965	1050	800	800	800	800	800	800	800	800	800	1095	1115	
		1	9/16	4	13/16	1 3/4	4.513	(4) 10d	(4) 10d	3	840	1050	---	---	---	840	965	1050	840	965	1050	800	800	800	800	800	800	800	800	800	1095	1115	
JUS26	LUS26	1	9/16	4	13/16	1 3/4	4.513	(4) 16d	(4) 10d	1	805	1005	---	---	---	805	925	1005	800	845	915	800	800	800	800	800	800	800	800	800	1095	1115	
		1	9/16	4	13/16	1 3/4	4.513	(4) 16d	(4) 10d	2	930	1070	---	---	---	930	1070	1070	930	1070	1070	800	800	800	800	800	800	800	800	800	1095	1115	
		1	9/16	4	13/16	1 3/4	4.513	(4) 16d	(4) 10d	3	930	1070	---	---	---	930	1070	1070	930	1070	1070	800	800	800	800	800	800	800	800	800	1095	1115	
HUS26	HUS26	1	5/8	5	7/16	3	5.156	(14) 16d	(6) 16d	1	2160	3235	---	---	---	2160	2485	2700	840	965	1050	890	1025	1115	800	800	800	800	800	1925	1925		
		1	5/8	5	7/16	3	5.156	(14) 16d	(6) 16d	2	2590	3235	---	---	---	2590	2980	3235	1675	1930	2095	1780	2050	2225	800	800	800	800	800	1925	1925		
		1	5/8	5	7/16	3	5.156	(14) 16d	(6) 16d	3	2590	3235	---	---	---	2590	2980	3235	2515	2890	3145	2590	2980	3235	800	800	800	800	800	1925	1925		
THD26	---	1	5/8	5	1/16	3	4.867	(18) 16d	(12) 10d x 1 1/2	1	1870	3040	---	---	---	1250	1475	1605	800	895	975	880	1015	1100	800	800	800	800	800	1520	1825		
		1	5/8	5	1/16	3	4.867	(18) 16d	(12) 10d x 1 1/2	2	2430	3040	---	---	---	2430	2795	3040	1560	1795	1950	1760	2025	2205	800	800	800	800	800	1520	1825		
		1	5/8	5																													



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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%				
2 Ply Carried Member																															
THDH26-2	HGUS26-2	3 1/4	5 1/2	4	5.184	(22) 16d	(8) 16d	1	3345	5060	---	---	---	2410	2775	3015	845	970	1055	890	1025	1115	800	800	800	2605	2605				
		3 1/4	5 1/2	4	5.184	(22) 16d	(8) 16d	2	4050	5060	---	---	---	4050	4660	5060	1690	1945	2115	1785	2050	2230	800	800	800	2605	2605				
		3 1/4	5 1/2	4	5.184	(22) 16d	(8) 16d	3	4050	5060	---	---	---	4050	4660	5060	2535	2915	3170	2675	3075	3345	800	800	800	2605	2605				
SUH28-2	---	3 1/8	6 5/16	2	5.968	(10) 16d	(4) 10d	1	1040	1300	---	---	---	---	---	---	1040	1195	1300	960	1105	1200	1040	1195	1300	605	725				
		3 1/8	6 5/16	2	5.968	(10) 16d	(4) 10d	2	1350	1690	---	---	---	---	---	---	1350	1555	1690	1350	1555	1690	1350	1555	1690	605	725				
		3 1/8	6 5/16	2	5.968	(10) 16d	(4) 10d	3	1350	1690	---	---	---	---	---	---	1350	1555	1690	1350	1555	1690	1350	1555	1690	605	725				
HD28-2	HU28-2	3 1/8	7 1/8	2 1/2	5.799	(14) 16d	(6) 10d	1	1470	2380	---	---	---	---	---	---	1075	1235	1345	940	1080	1175	1070	1230	1335	910	1095				
		3 1/8	7 1/8	2 1/2	5.799	(14) 16d	(6) 10d	2	1905	2380	---	---	---	---	---	---	1905	2190	2380	1880	2160	2350	1905	2190	2380	910	1095				
		3 1/8	7 1/8	2 1/2	5.799	(14) 16d	(6) 10d	3	1905	2380	---	---	---	---	---	---	1905	2190	2380	1905	2190	2380	1905	2190	2380	910	1095				
JUS28-2	LUS28-2	3 1/8	7 1/4	2	7.020	(6) 16d	(4) 16d	1	980	1595	---	---	---	---	---	---	980	1125	1225	980	1125	1225	980	1125	1225	1340	1355				
		3 1/8	7 1/4	2	7.020	(6) 16d	(4) 16d	2	1275	1595	---	---	---	---	---	---	1275	1465	1595	1275	1465	1595	1275	1465	1595	1340	1355				
		3 1/8	7 1/4	2	7.020	(6) 16d	(4) 16d	3	1275	1595	---	---	---	---	---	---	1275	1465	1595	1275	1465	1595	1275	1465	1595	1340	1355				
THD28-2	HHUS28-2	3 7/16	7	3	6.705	(28) 16d	(16) 10d	1	2885	4690	---	---	---	---	---	---	2475	2850	3095	1100	1265	1375	1110	1275	1385	2390	2485				
		3 7/16	7	3	6.705	(28) 16d	(16) 10d	2	3750	4690	---	---	---	---	---	---	3750	4315	4690	2205	2535	2755	2220	2550	2775	2390	2485				
		3 7/16	7	3	6.705	(28) 16d	(16) 10d	3	3750	4690	---	---	---	---	---	---	3750	4315	4690	3305	3800	4130	3330	3830	4160	2390	2485				
THDH28-2	HGUS28-2	3 1/4	7 1/4	4	6.934	(36) 16d	(10) 16d	1	5110	7825	---	---	---	---	---	---	4130	4750	5165	1170	1345	1465	1130	1300	1410	3185	3185				
		3 1/4	7 1/4	4	6.934	(36) 16d	(10) 16d	2	6260	7825	---	---	---	---	---	---	6260	7200	7825	2340	2690	2925	2260	2600	2825	3185	3185				
		3 1/4	7 1/4	4	6.934	(36) 16d	(10) 16d	3	6260	7825	---	---	---	---	---	---	6260	7200	7825	3510	4040	4390	3390	3900	4235	3185	3185				
SUH210-2	U210-2	3 1/8	8 5/8	2	8.375	(14) 16d	(6) 10d	1	1460	1825	---	---	---	---	---	---	---	---	---	---	---	1460	1680	1825	1405	1615	905	1085			
		3 1/8	8 5/8	2	8.375	(14) 16d	(6) 10d	2	1890	2365	---	---	---	---	---	---	---	---	---	---	---	---	1890	2175	2365	1890	2175	2365	905	1085	
		3 1/8	8 5/8	2	8.375	(14) 16d	(6) 10d	3	1890	2365	---	---	---	---	---	---	---	---	---	---	---	---	1890	2175	2365	1890	2175	2365	905	1085	
HD210-2	HU210-2	3 1/8	9	2 1/2	7.558	(18) 16d	(10) 10d	1	1890	3060	---	---	---	---	---	---	---	---	---	---	---	1470	1960	1835	1210	1395	1515	1520	1825		
		3 1/8	9	2 1/2	7.558	(18) 16d	(10) 10d	2	2450	3060	---	---	---	---	---	---	---	---	---	---	---	---	2450	2820	3060	2425	2785	3030	1520	1825	
		3 1/8	9	2 1/2	7.558	(18) 16d	(10) 10d	3	2450	3060	---	---	---	---	---	---	---	---	---	---	---	---	2450	2820	3060	2450	2820	3060	1520	1825	
JUS210-2	LUS210-2	3 1/8	9 1/4	2	9.020	(8) 16d	(6) 16d	1	1370	1980	---	---	---	---	---	---	---	---	---	---	---	---	1370	1575	1715	1370	1575	1715	1980	1980	
		3 1/8	9 1/4	2	9.020	(8) 16d	(6) 16d	2	1780	1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1780	1980	1980	1780	1980	1980	1980	1980
		3 1/8	9 1/4	2	9.020	(8) 16d	(6) 16d	3	1780	1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1780	1980	1980	1780	1980	1980	1980	1980
THD210-2	HHUS210-2	3 7/16	9	3	8.700	(38) 16d	(20) 10d	1	3920	6365	---	---	---	---	---	---	---	---	---	---	---	---	3920	4510	4900	1525	1755	1905	2985	3585	
		3 7/16	9	3	8.700	(38) 16d	(20) 10d	2	5090	6365	---	---	---	---	---	---	---	---	---	---	---	---	---	5090	5855	6365	3050	3505	3810	2985	3585
		3 7/16	9	3	8.700	(38) 16d	(20) 10d	3	5090	6365	---	---	---	---	---	---	---	---	---	---	---	---	---	5090	5855	6365	4575	5260	5715	2985	3585
THDH210-2	HGUS210-2	3 1/4	9 1/4	4	8.938	(46) 16d	(12) 16d	1	6440	9010	---	---	---	---	---	---	---	---	---	---	---	---	6440	7405	8050	1635	1880	2045	3970	3970	
		3 1/4	9 1/4	4	8.938	(46) 16d	(12) 16d	2	7910	9010	---	---	---	---	---	---	---	---	---	---	---	---	---	7910	9010	9010	3275	3765	4090	3970	3970
		3 1/4	9 1/4	4	8.938	(46) 16d	(12) 16d	3	7910	9010	---	---	---	---	---	---	---	---	---	---	---	---	---	7910	9010	9010	4910	5645	6135	3970	3970
3 Ply Carried Member																															
JUS24-3	---	4 5/8	2 3/4	2	2.530	(4) 16d	(2) 16d	1	595	965	595	685	745	595	685	745	595	685	745	595	685	745	595	685	745	325	325				
		4 5/8	2 3/4	2	2.530	(4) 16d	(2) 16d	2	770	965	770	885	965	770	800	800	770	800	800	770	800	800	770	800	800	770	800	800	325	325	
		4 5/8	2 3/4	2	2.530	(4) 16d	(2) 16d	3	770	965	770	885	965	770	800	800	770	800	800	770	800	800	770	800	800	770	800	800	325	325	
JUS26-3	LUS26-3	4 5/8	4 1/2	2	4.274	(4) 16d	(4) 16d	1	775	1220	---	---	---	775	865	945	775	820	890	775	800	800	775	800	800	775	800	800	1340	1355	
		4 5/8	4 1/2	2	4.274	(4) 16d	(4) 16d	2	1005	1220	---	---	---	1005	1155	1220	1005	1155	1220	800	800	800	800	800	800	800	800	800	1340	1355	
		4 5/8	4 1/2	2	4.274	(4) 16d	(4) 16d	3	1005	1220	---	---	---	1005	1155	1220	1005	1155	1220	800	800	800	800	800	800	800	800	800	1340	1355	
THDH26-3	HGUS26-3	5 1/8	5 3/8	4	5.143	(20) 16d	(8) 16d	1	3125	4710	---	---	---	2150	2475	2690	835	960	1045	890	1025	1110	800	800	800	2235	2235				
		5 1/8	5 3/8	4	5.143	(20) 16d	(8) 16d	2	3765	4710	---	---	---	3765	4330	4705	1670	1920	2090	1780	2045	2225	800	800	800	2235	2235				
		5 1/8	5 3/8	4	5.143	(20) 16d	(8) 16d	3	3765	4710	---	---	---	3765	4330	4705	2505	2880	3130	2670	3070	3335	800	800	800	2235	2235				
JUS28-3	LUS28-3	4 5/8	6 1/2	2	6.274	(6) 16d	(4) 16d	1	980	1595	---	---	---	---	---	---	980	1125	1225	980	1125	1225	980	1125	1225	980	1125	1340	1355		
		4 5/8	6 1/2	2	6.274	(6) 16d	(4) 16d	2	1275	1595	---	---	---	---	---	---	1275	1465	1595	1275	1465	1595	1275	1465	1595	1275	1465	1595	1340	1355	
		4 5/8	6 1/2	2	6																										



ANSI/TPI 1-1995 ALLOWABLE LOADS
Douglas Fir ($F'_v = 95$ 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%
4x Connectors																														
THD46	HHUS46	3 5/8	5 3/8	3	5.143	(18) 16d	(12) 10d	1	1885	3055	---	---	---	1885	2170	2355	835	960	1045	890	1025	1110	800	800	800	800	800	800	1825	2190
		3 5/8	5 3/8	3	5.143	(18) 16d	(12) 10d	2	2450	3055	---	---	---	2450	2820	3055	1670	1920	2090	1780	2045	2225	800	800	800	800	800	800	1825	2190
		3 5/8	5 3/8	3	5.143	(18) 16d	(12) 10d	3	2450	3055	---	---	---	2450	2820	3055	2450	2820	3055	2450	2820	3055	800	800	800	800	800	800	1825	2190
THDH46	HGUS46	3 9/16	5 3/8	4	4.996	(22) 16d	(8) 16d	1	3345	5060	---	---	---	1570	1805	1960	805	925	1005	885	1015	1105	800	800	800	800	800	800	2605	2605
		3 9/16	5 3/8	4	4.996	(22) 16d	(8) 16d	2	4050	5060	---	---	---	3140	3610	3925	1605	1850	2010	1770	2035	2210	800	800	800	800	800	800	2605	2605
		3 9/16	5 3/8	4	4.996	(22) 16d	(8) 16d	3	4050	5060	---	---	---	4050	4660	5060	2410	2775	3015	2655	3050	3315	800	800	800	800	800	800	2605	2605
HD48	HU48	3 9/16	6 7/8	2 1/2	6.955	(14) 16d	(6) 10d	1	1470	2380	---	---	---	---	---	---	---	1470	1690	1840	1180	1355	1470	1130	1300	1415	910	1095		
		3 9/16	6 7/8	2 1/2	6.955	(14) 16d	(6) 10d	2	1905	2380	---	---	---	---	---	---	---	1905	2190	2380	1905	2190	2380	1905	2190	2380	910	1095		
		3 9/16	6 7/8	2 1/2	6.955	(14) 16d	(6) 10d	3	1905	2380	---	---	---	---	---	---	---	---	1905	2190	2380	1905	2190	2380	1905	2190	2380	910	1095	
JUS48	LUS48	3 5/8	7	2	6.770	(6) 16d	(4) 16d	1	980	1595	---	---	---	---	---	---	---	980	1125	1225	980	1125	1225	980	1125	1225	1340	1355		
		3 5/8	7	2	6.770	(6) 16d	(4) 16d	2	1275	1595	---	---	---	---	---	---	---	1275	1465	1595	1275	1465	1595	1275	1465	1595	1340	1355		
		3 5/8	7	2	6.770	(6) 16d	(4) 16d	3	1275	1595	---	---	---	---	---	---	---	---	1275	1465	1595	1275	1465	1595	1275	1465	1595	1340	1355	
THD48	HHUS48	3 5/8	7	3	6.705	(28) 16d	(16) 10d	1	2885	4690	---	---	---	---	---	---	---	2475	2850	3095	1100	1265	1375	1110	1275	1385	2390	2485		
		3 5/8	7	3	6.705	(28) 16d	(16) 10d	2	3750	4690	---	---	---	---	---	---	---	3750	4315	4690	2205	2535	2755	2220	2550	2775	2390	2485		
		3 5/8	7	3	6.705	(28) 16d	(16) 10d	3	3750	4690	---	---	---	---	---	---	---	---	3750	4315	4690	3305	3800	4130	3330	3830	4160	2390	2485	
THDH48	HGUS48	3 5/8	7 1/16	4	6.746	(36) 16d	(10) 16d	1	5110	7825	---	---	---	---	---	---	---	2660	3060	3325	1115	1280	1390	1115	1280	1390	3185	3185		
		3 5/8	7 1/16	4	6.746	(36) 16d	(10) 16d	2	6260	7825	---	---	---	---	---	---	---	5325	6120	6655	2250	2560	2780	2250	2560	2780	3185	3185		
		3 5/8	7 1/16	4	6.746	(36) 16d	(10) 16d	3	6260	7825	---	---	---	---	---	---	---	---	6260	7200	7825	3340	3840	4175	3340	3840	4175	3185	3185	
SUH410	U410	3 9/16	8 3/8	2	8.125	(14) 16d	(6) 10d	1	1460	2365	---	---	---	---	---	---	---	---	---	---	---	1460	1680	1825	1330	1530	1665	905	1085	
		3 9/16	8 3/8	2	8.125	(14) 16d	(6) 10d	2	1890	2365	---	---	---	---	---	---	---	---	---	---	---	1890	2175	2365	1890	2175	2365	905	1085	
		3 9/16	8 3/8	2	8.125	(14) 16d	(6) 10d	3	1890	2365	---	---	---	---	---	---	---	---	---	---	---	1890	2175	2365	1890	2175	2365	905	1085	
JUS410	LUS410	3 5/8	9	2	8.770	(8) 16d	(6) 16d	1	1370	1980	---	---	---	---	---	---	---	---	---	---	---	1370	1575	1715	1370	1575	1715	1980	1980	
		3 5/8	9	2	8.770	(8) 16d	(6) 16d	2	1780	1980	---	---	---	---	---	---	---	---	---	---	---	---	1780	1980	1980	1780	1980	1980	1980	1980
		3 5/8	9	2	8.770	(8) 16d	(6) 16d	3	1780	1980	---	---	---	---	---	---	---	---	---	---	---	---	1780	1980	1980	1780	1980	1980	1980	1980
THD410	HHUS410	3 5/8	9	3	8.705	(38) 16d	(20) 10d	1	3920	6365	---	---	---	---	---	---	---	---	---	---	---	3920	4510	4900	1525	1755	1910	2985	3585	
		3 5/8	9	3	8.705	(38) 16d	(20) 10d	2	5090	6365	---	---	---	---	---	---	---	---	---	---	---	---	5090	5855	6365	3055	3510	3815	2985	3585
		3 5/8	9	3	8.705	(38) 16d	(20) 10d	3	5090	6365	---	---	---	---	---	---	---	---	---	---	---	---	5090	5855	6365	4580	5265	5725	2985	3585
THDH410	HGUS410	3 5/8	9 1/16	4	8.746	(46) 16d	(12) 16d	1	6440	9010	---	---	---	---	---	---	---	---	---	---	---	4265	4905	5330	1545	1775	1930	3970	3970	
		3 5/8	9 1/16	4	8.746	(46) 16d	(12) 16d	2	7910	9010	---	---	---	---	---	---	---	---	---	---	---	---	7910	9010	9010	3090	3550	3860	3970	3970
		3 5/8	9 1/16	4	8.746	(46) 16d	(12) 16d	3	7910	9010	---	---	---	---	---	---	---	---	---	---	---	---	7910	9010	9010	4630	5325	5790	3970	3970
Miscellaneous																														
HD17925	HU9	1 13/16	9 1/8	2	8.214	(18) 16d	(6) 10d x 1 1/2	1	1890	2775	---	---	---	---	---	---	---	---	---	---	---	1890	2175	2365	1355	1560	1695	770	920	
		1 13/16	9 1/8	2	8.214	(18) 16d	(6) 10d x 1 1/2	2	2450	2775	---	---	---	---	---	---	---	---	---	---	---	---	2450	2775	2775	2450	2775	2775	770	920
		1 13/16	9 1/8	2	8.214	(18) 16d	(6) 10d x 1 1/2	3	2450	2775	---	---	---	---	---	---	---	---	---	---	---	---	2450	2775	2775	2450	2775	2775	770	920
HUS179	HUS1.81/10	1 13/16	9 1/8	3	8.812	(30) 16d	(10) 16d	1	4285	5225	---	---	---	---	---	---	---	---	---	---	---	4285	4900	5225	1575	1810	1970	3205	3205	
		1 13/16	9 1/8	3	8.812	(30) 16d	(10) 16d	2	4890	5225	---	---	---	---	---	---	---	---	---	---	---	---	4890	5225	5225	3150	3620	3935	3205	3205
		1 13/16	9 1/8	3	8.812	(30) 16d	(10) 16d	3	4890	5225	---	---	---	---	---	---	---	---	---	---	---	---	4890	5225	5225	4720	5225	5225	3205	3205
THD179	---	1 7/8	8 7/8	3	8.612	(38) 16d	(20) 10d x 1 1/2	1	3980	5680	---	---	---	---	---	---	---	---	---	---	---	---	3420	3935	4275	1490	1710	1860	2560	3070
		1 7/8	8 7/8	3	8.612	(38) 16d	(20) 10d x 1 1/2	2	5170	5680	---	---	---	---	---	---	---	---	---	---	---	---	5170	5680	5680	2975	3425	3720	2560	3070
		1 7/8	8 7/8	3	8.612	(38) 16d	(20) 10d x 1 1/2	3	5170	5680	---	---	---	---	---	---	---	---	---	---	---	---	5170	5680	5680	4465	5135	5580	2560	3070
THDH7210	HGUS7.25/10	7 1/4	9	4	8.455	(46) 16d	(12) 16d	1	6035	9800	---	---	---	---	---	---	---	---	---	---	---	2795	3215	3495	1430	1645	1790	4105	4930	
		7 1/4	9	4	8.455	(46) 16d	(12) 16d	2	7840	9800	---	---	---	---	---	---	---	---	---	---	---	---	5595	6430	6990	2860	3290	3575	4105	4930
		7 1/4	9	4	8.455	(46) 16d	(12) 16d	3	7840	9800	---	---	---	---	---	---	---	---	---	---	---	---	7840	9015	9800	4295	4935	5365	4105	4930
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	390	510	390	450	490	390	450	490	390	450	490	390	450	490	390	450	490	390	450	505	565	
		1 9/16	3 1/4	1 7/8	2.987	(4) 16d	(4) 10d x 1 1/2	2	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	510	505	565
		1 9/16	3 1/4	1 7/8	2.987	(4) 16d	(4) 10																							



ANSI/TPI 1-1995 ALLOWABLE LOADS
Douglas Fir ($F'_v = 95$ 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%			
45° Skewed Connectors																																	
SKHH210L/R	---	1	5/8	9	4 1/4	8.705	(34) 16d	(20) 10d x 1 1/2	1	2135	3470	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
		1	5/8	9	4 1/4	8.705	(34) 16d	(20) 10d x 1 1/2	2	2775	3470	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		1	5/8	9	4 1/4	8.705	(34) 16d	(20) 10d x 1 1/2	3	2775	3470	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
SKH26L/R-2	SUR/L26-2	3	1/16	4 1/2	1 3/8	3.458	(6) 16d	(6) 10d	1	625	1015	---	---	---	625	720	780	625	720	780	625	720	780	625	720	780	625	720	780	905	1085		
		3	1/16	4 1/2	1 3/8	3.458	(6) 16d	(6) 10d	2	810	1015	---	---	---	810	930	1015	800	800	800	800	800	800	800	800	800	800	800	800	905	1085		
		3	1/16	4 1/2	1 3/8	3.458	(6) 16d	(6) 10d	3	810	1015	---	---	---	810	930	1015	800	800	800	800	800	800	800	800	800	800	800	800	905	1085		
SKHH26L/R-2	HSUR/L26-2	3	1/16	5 1/4	2	4.955	(12) 16d	(4) 16d x 2 1/2	1	1255	2040	---	---	---	1255	1445	1570	800	915	995	885	1015	1105	800	800	800	800	800	715	860			
		3	1/16	5 1/4	2	4.955	(12) 16d	(4) 16d x 2 1/2	2	1630	2040	---	---	---	1630	1875	2040	1590	1830	1990	1630	1875	2040	800	800	800	800	800	715	860			
		3	1/16	5 1/4	2	4.955	(12) 16d	(4) 16d x 2 1/2	3	1630	2040	---	---	---	1630	1875	2040	1590	1830	1990	1630	1875	2040	800	800	800	800	800	715	860			
SKH28L/R-2	---	3	1/16	6 1/2	1 3/8	5.830	(10) 16d	(8) 10d	1	1040	1690	---	---	---	---	---	---	1040	1195	1300	945	1085	1180	1040	1195	1300	1205	1445					
		3	1/16	6 1/2	1 3/8	5.830	(10) 16d	(8) 10d	2	1350	1690	---	---	---	---	---	1350	1555	1690	1350	1555	1690	1350	1555	1690	1205	1445						
		3	1/16	6 1/2	1 3/8	5.830	(10) 16d	(8) 10d	3	1350	1690	---	---	---	---	---	1350	1555	1690	1350	1555	1690	1350	1555	1690	1205	1445						
SKH210L/R-2	SUR/L210-2	3	1/16	8 1/2	1 3/8	8.080	(14) 16d	(10) 10d	1	1455	2365	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		3	1/16	8 1/2	1 3/8	8.080	(14) 16d	(10) 10d	2	1890	2365	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		3	1/16	8 1/2	1 3/8	8.080	(14) 16d	(10) 10d	3	1890	2365	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SKHH210L/R-2	HSUR/L210-2	3	1/16	8 1/2	2	8.205	(20) 16d	(6) 16d x 2 1/2	1	2095	3400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		3	1/16	8 1/2	2	8.205	(20) 16d	(6) 16d x 2 1/2	2	2720	3400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		3	1/16	8 1/2	2	8.205	(20) 16d	(6) 16d x 2 1/2	3	2720	3400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SKH46L/R	SUR/L46	3	9/16	4 3/4	2 1/2	4.455	(10) 16d	(6) 16d	1	1045	1590	---	---	---	850	975	1060	800	835	910	800	800	800	800	800	800	800	800	1090	1305			
		3	9/16	4 3/4	2 1/2	4.455	(10) 16d	(6) 16d	2	1360	1590	---	---	---	1360	1565	1590	1360	1565	1590	800	800	800	800	800	800	800	800	1090	1305			
		3	9/16	4 3/4	2 1/2	4.455	(10) 16d	(6) 16d	3	1360	1590	---	---	---	1360	1565	1590	1360	1565	1590	800	800	800	800	800	800	800	800	1090	1305			
SKHH46L/R	HSUR/L46	3	9/16	5 1/4	2 1/2	4.955	(12) 16d	(6) 16d	1	1255	2040	---	---	---	1255	1445	1570	800	915	995	885	1015	1105	800	800	800	800	740	890				
		3	9/16	5 1/4	2 1/2	4.955	(12) 16d	(6) 16d	2	1630	2040	---	---	---	1630	1875	2040	1590	1830	1990	1630	1875	2040	800	800	800	800	740	890				
		3	9/16	5 1/4	2 1/2	4.955	(12) 16d	(6) 16d	3	1630	2040	---	---	---	1630	1875	2040	1630	1875	2040	1630	1875	2040	800	800	800	800	740	890				
SKH410L/R	SUR/L410	3	9/16	8 1/2	2 1/2	8.205	(16) 16d	(10) 16d	1	1675	2540	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		3	9/16	8 1/2	2 1/2	8.205	(16) 16d	(10) 16d	2	2175	2540	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		3	9/16	8 1/2	2 1/2	8.205	(16) 16d	(10) 16d	3	2175	2540	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SKHH410L/R	HSUR/L410	3	9/16	8 1/2	2 1/2	8.205	(20) 16d	(10) 16d	1	2095	3400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		3	9/16	8 1/2	2 1/2	8.205	(20) 16d	(10) 16d	2	2720	3400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		3	9/16	8 1/2	2 1/2	8.205	(20) 16d	(10) 16d	3	2720	3400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hip/Jack Connectors																																	
BN264	---	10	5 3/8	--	--	5.000	(20) 10d	(8) 10d x 1 1/2	1	1925	2850	---	---	---	1580	1820	1975	805	925	1005	885	1015	1105	800	800	800	800	640	640				
		10	5 3/8	--	--	5.000	(20) 10d	(8) 10d x 1 1/2	2	2280	2850	---	---	---	2280	2620	2850	1610	1850	2010	1770	2035	2210	800	800	800	800	640	640				
		10	5 3/8	--	--	5.000	(20) 10d	(8) 10d x 1 1/2	3	2280	2850	---	---	---	2280	2620	2850	2280	2620	2850	2280	2620	2850	800	800	800	800	640	640				
BN284	---	10	7 1/8	--	--	6.750	(20) 10d	(8) 10d x 1 1/2	1	1925	2850	---	---	---	---	---	---	1925	2215	2405	1115	1280	1390	1115	1280	1390	640	640					
		10	7 1/8	--	--	6.750	(20) 10d	(8) 10d x 1 1/2	2	2280	2850	---	---	---	---	---	---	2280	2620	2850	2230	2560	2785	2225	2560	2785	640	640					
		10	7 1/8	--	--	6.750	(20) 10d	(8) 10d x 1 1/2	3	2280	2850	---	---	---	---	---	---	2280	2620	2850	2280	2620	2850	2280	2620	2850	640	640					
HTHJ24-18	---	5	7/8	3	5	2.500	(10) 10d	(8) 10d	1	1030	1400	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	870	870				
		5	7/8	3	5	2.500	(10) 10d	(8) 10d	2	1120	1400	815	935	1020	800	800	800	800	800	800	800	800	800	800	800	800	800	870	870				
		5	7/8	3	5	2.500	(10) 10d	(8) 10d	3	1120	1400	1120	1290	1400	800	800	800	800	800	800	800	800	800	800	800	800	800	870	870				
HTHJ26-18	LTHJR/L	5	7/8	5	5	4.500	(16) 16d	(12) 16d	1	1650	2680	---	---	---	880	1010	1100	800	840	915	800	800	800	800	800	800	800	1655	1860				
		5	7/8	5	5	4.500	(16) 16d	(12) 16d	2	2145	2680	---	---	---	1755	2020	2195	1465	1680	1830	800	800	800	800	800	800	800	1655	1860				
		5	7/8	5	5	4.500	(16) 16d	(12) 16d	3	2145	2680	---	---	---	2145	2465	2680	2145	2465	2680	800	800	800	800	800	800	800	1655	1860				
HJC26	---	6	5 3/8	3 1/4	5.215	(16) 16d	(12) 10d	1	1685	2740	---	---	---	1685	1940	2105	855	980	1065	895	1025	1115	800	800	800	800	1570	1840					
		6	5 3/8	3 1/4	5.215	(16) 16d	(12) 10d	2	2190	2740	---	---	---	2190	2520	2740	1705	1960	2130	1785	2055	2235	800	800	800	800	1570	1840					
		6	5 3/8	3 1/4																													



ANSI/TPI 1-1995 ALLOWABLE LOADS
Douglas Fir ($F'_v = 95$ 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%		
Hip/Jack Connectors																													
HJH28L	---	13 1/4	7 1/4	4	6.000	(16) 16d	(15) 16d	1	1650	3200	---	---	---	---	---	---	1205	1390	1510	965	1110	1205	1075	1235	1340	2215	2215		
		13 1/4	7 1/4	4	6.000	(16) 16d	(15) 16d	2	2560	3200	---	---	---	---	---	---	2415	2775	3015	1930	2215	2410	2145	2470	2685	2215	2215		
		13 1/4	7 1/4	4	6.000	(16) 16d	(15) 16d	3	2560	3200	---	---	---	---	---	---	2560	2945	3200	2560	2945	3200	2560	2945	3200	2215	2215		
HJH28R	---	13 1/4	7 1/4	4	6.000	(16) 16d	(15) 16d	1	1650	3200	---	---	---	---	---	---	1205	1390	1510	965	1110	1205	1075	1235	1340	2215	2215		
		13 1/4	7 1/4	4	6.000	(16) 16d	(15) 16d	2	2560	3200	---	---	---	---	---	---	2415	2775	3015	1930	2215	2410	2145	2470	2685	2215	2215		
		13 1/4	7 1/4	4	6.000	(16) 16d	(15) 16d	3	2560	3200	---	---	---	---	---	---	2560	2945	3200	2560	2945	3200	2560	2945	3200	2215	2215		
HHC28	---	9	7 3/16	3 1/4	6.900	(24) 16d	(12) 10d	1	2110	3425	---	---	---	---	---	---	2110	2425	2640	1160	1335	1450	1125	1295	1410	2230	2685		
		9	7 3/16	3 1/4	6.900	(24) 16d	(12) 10d	2	3360	4200	---	---	---	---	---	---	3360	3865	4200	2320	2665	2900	2255	2590	2815	2230	2685		
		9	7 3/16	3 1/4	6.900	(24) 16d	(12) 10d	3	3360	4200	---	---	---	---	---	---	3360	3865	4200	3360	3865	4200	3360	3865	4200	2230	2685		
HJHC28	---	10 1/2	7 3/16	3 1/4	6.900	(24) 16d	(14) 10d	1	2110	3425	---	---	---	---	---	---	2110	2425	2640	1160	1335	1450	1125	1295	1410	2230	2685		
		10 1/2	7 3/16	3 1/4	6.900	(24) 16d	(14) 10d	2	3360	4200	---	---	---	---	---	---	3360	3865	4200	2320	2665	2900	2255	2590	2815	2230	2685		
		10 1/2	7 3/16	3 1/4	6.900	(24) 16d	(14) 10d	3	3360	4200	---	---	---	---	---	---	3360	3865	4200	3360	3865	4200	3360	3865	4200	2230	2685		
Adjustable Slope/Skew Connectors																													
LSSH210	LSSU210	1 9/16	8 13/16	--	6.266	(10) 10d	(7) 10d x 1 1/2	1	955	1400	---	---	---	---	---	---	---	---	---	955	1100	1195	955	1100	1195	855	1030		
		1 9/16	8 13/16	--	6.266	(10) 10d	(7) 10d x 1 1/2	2	1120	1400	---	---	---	---	---	---	---	---	---	---	1120	1290	1400	1120	1290	1400	855	1030	
		1 9/16	8 13/16	--	6.266	(10) 10d	(7) 10d x 1 1/2	3	1120	1400	---	---	---	---	---	---	---	---	---	---	1120	1290	1400	1120	1290	1400	855	1030	
LSSH179	LSSU125	1 13/16	8 13/16	--	6.344	(10) 10d	(7) 10d x 1 1/2	1	955	1400	---	---	---	---	---	---	---	---	---	---	955	1100	1195	955	1100	1195	855	1030	
		1 13/16	8 13/16	--	6.344	(10) 10d	(7) 10d x 1 1/2	2	1120	1400	---	---	---	---	---	---	---	---	---	---	---	1120	1290	1400	1120	1290	1400	855	1030
		1 13/16	8 13/16	--	6.344	(10) 10d	(7) 10d x 1 1/2	3	1120	1400	---	---	---	---	---	---	---	---	---	---	---	1120	1290	1400	1120	1290	1400	855	1030
LSSH31	LSSU210-2	3 1/8	8 13/16	--	6.406	(14) 16d	(12) 10d x 1 1/2	1	1585	1825	---	---	---	---	---	---	---	---	---	---	1030	1185	1290	1090	1255	1360	1465	1585	
		3 1/8	8 13/16	--	6.406	(14) 16d	(12) 10d x 1 1/2	2	1885	1920	---	---	---	---	---	---	---	---	---	---	---	1885	1920	1920	1885	1920	1920	1465	1585
		3 1/8	8 13/16	--	6.406	(14) 16d	(12) 10d x 1 1/2	3	1885	1920	---	---	---	---	---	---	---	---	---	---	---	1885	1920	1920	1885	1920	1920	1465	1585
LSSH35	LSSU410	3 9/16	8 13/16	--	6.609	(14) 16d	(12) 10d x 1 1/2	1	1585	1825	---	---	---	---	---	---	---	---	---	---	---	1075	1240	1345	1100	1270	1380	1465	1585
		3 9/16	8 13/16	--	6.609	(14) 16d	(12) 10d x 1 1/2	2	1885	1920	---	---	---	---	---	---	---	---	---	---	---	1885	1920	1920	1885	1920	1920	1465	1585
		3 9/16	8 13/16	--	6.609	(14) 16d	(12) 10d x 1 1/2	3	1885	1920	---	---	---	---	---	---	---	---	---	---	---	1885	1920	1920	1885	1920	1920	1465	1585