



UNITED STEEL PRODUCTS COMPANY
ENGINEERED PRODUCTS/ENGINEERING SERVICES

ANSI/TPI 1-2002 ALLOWABLE LOADS (Spruce-Pine-Fir)

USP Stock No.	Ref. No.	Min. Heel Height (in)	No. of Supporting Member Plys	Fasteners		2 x 4 Supporting Member			2 x 6 Supporting Member			2 x 8 Supporting Member			2 x 10 Supporting Member			2 x 12 Supporting Member		
				Supporting Member	Supported Member	Download		Uplift	Download		Uplift	Download		Uplift	Download		Uplift	Download		Uplift
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
						1 Ply Carried Member														
JL24	LU24	2 ¹ / ₁₆	1	(4) 10d	(2) 10d x 1 1/2	390	450	205	390	450	205	390	450	205	390	450	205	390	450	205
		2 ¹ / ₁₆	1	(4) 16d	(2) 10d x 1 1/2	435	500	205	435	500	205	435	500	205	435	500	205	435	500	205
		2 ¹ / ₁₆	2	(4) 10d	(2) 10d x 1 1/2	390	450	205	390	450	205	390	450	205	390	450	205	390	450	205
		2 ¹ / ₁₆	2	(4) 16d	(2) 10d x 1 1/2	470	540	205	470	540	205	470	540	205	470	540	205	470	540	205
SUH24	U24	2 ¹ / ₁₆	1	(4) 10d	(2) 10d x 1 1/2	400	460	310	400	460	310	400	460	310	400	460	310	400	460	310
		2 ¹ / ₁₆	1	(4) 16d	(2) 10d x 1 1/2	440	505	310	440	505	310	440	505	310	440	505	310	440	505	310
		2 ¹ / ₁₆	2	(4) 10d	(2) 10d x 1 1/2	400	460	310	400	460	310	400	460	310	400	460	310	400	460	310
		2 ¹ / ₁₆	2	(4) 16d	(2) 10d x 1 1/2	475	545	310	475	545	310	475	545	310	475	545	310	475	545	310
JUS24	LUS24	2 ¹ / ₄	1	(4) 10d	(2) 10d	560	640	430	560	640	430	560	640	430	560	640	430	560	640	430
		2 ¹ / ₄	2	(4) 10d	(2) 10d	560	640	430	560	640	430	560	640	430	560	640	430	560	640	430
JL26	LU26	4 ³ / ₈	1	(6) 10d	(4) 10d x 1 1/2	---	---	---	590	675	405	590	675	405	590	675	405	590	675	405
		4 ³ / ₈	1	(6) 16d	(4) 10d x 1 1/2	---	---	---	645	745	405	645	745	405	645	745	405	645	745	405
		4 ³ / ₈	2	(6) 10d	(4) 10d x 1 1/2	---	---	---	590	675	405	590	675	405	590	675	405	590	675	405
		4 ³ / ₈	2	(6) 16d	(4) 10d x 1 1/2	---	---	---	700	805	405	700	805	405	700	800	405	700	800	405
SUH26	U26	4 ³ / ₈	1	(6) 10d	(4) 10d x 1 1/2	---	---	---	600	690	420	600	690	420	600	690	420	600	690	420
		4 ³ / ₈	1	(6) 16d	(4) 10d x 1 1/2	---	---	---	660	755	420	660	755	420	660	755	420	660	755	420
		4 ³ / ₈	2	(6) 10d	(4) 10d x 1 1/2	---	---	---	600	690	420	600	690	420	600	690	420	600	690	420
		4 ³ / ₈	2	(6) 16d	(4) 10d x 1 1/2	---	---	---	715	820	420	715	820	420	715	820	420	715	820	420
HD26	HU26	1 ¹ / ₈	1	(4) 10d	(2) 10d x 1 1/2	---	---	---	410	465	245	410	465	245	410	465	245	410	465	245
		1 ¹ / ₈	1	(4) 16d	(2) 10d x 1 1/2	---	---	---	450	510	245	450	510	245	450	510	245	450	510	245
		1 ¹ / ₈	2	(4) 10d	(2) 10d x 1 1/2	---	---	---	410	465	245	410	465	245	410	465	245	410	465	245
		1 ¹ / ₈	2	(4) 16d	(2) 10d x 1 1/2	---	---	---	485	555	245	485	555	245	485	555	245	485	555	245
JUS26	LUS26	4 ¹ / ₁₆	1	(4) 10d	(4) 10d	---	---	---	725	835	935	725	835	935	725	800	935	725	800	935
		4 ¹ / ₁₆	2	(4) 10d	(4) 10d	---	---	---	725	835	935	725	835	935	725	800	935	725	800	935
MUS26	MUS26	4 ¹ / ₄	1	(6) 10d	(6) 10d	---	---	---	1100	1265	725	1060	1220	725	1100	1265	725	800	800	725
		4 ¹ / ₄	1	(6) 16d	(6) 16d	---	---	---	1210	1390	670	1060	1220	670	1210	1390	670	800	800	670
		4 ¹ / ₄	2	(6) 10d	(6) 10d	---	---	---	1100	1265	725	1100	1265	725	1100	1265	725	800	800	725
		4 ¹ / ₄	2	(6) 16d	(6) 16d	---	---	---	1310	1505	725	1310	1505	725	1310	1505	725	800	800	725
HUS26	HUS26	4 ³ / ₁₆	1	(14) 10d	(6) 10d	---	---	---	1905	2190	1360	1180	1360	1360	1265	1455	1360	800	800	1360
		4 ³ / ₁₆	1	(14) 16d	(6) 16d	---	---	---	2085	2400	1615	1180	1360	1615	1265	1455	1615	800	800	1615
		4 ³ / ₁₆	2	(14) 10d	(6) 10d	---	---	---	1905	2190	1360	1905	2190	1360	1905	2190	1360	800	800	1360
		4 ³ / ₁₆	2	(14) 16d	(6) 16d	---	---	---	2260	2600	1615	2260	2600	1615	2260	2600	1615	800	800	1615
THD26	---	5 ¹ / ₄	1	(18) 10d	(12) 10d x 1 1/2	---	---	---	1800	2075	1860	1090	1255	1860	1250	1440	1860	800	800	1860
		5 ¹ / ₄	1	(18) 16d	(12) 10d x 1 1/2	---	---	---	1975	2275	1860	1090	1255	1860	1250	1440	1860	800	800	1860
		5 ¹ / ₄	2	(18) 10d	(12) 10d x 1 1/2	---	---	---	1800	2075	1860	1800	2075	1860	1800	2075	1860	800	800	1860
		5 ¹ / ₄	2	(18) 16d	(12) 10d x 1 1/2	---	---	---	2140	2465	1860	2140	2465	1860	2140	2465	1860	800	800	1860
JL28	LU28	5 ¹⁵ / ₁₆	1	(10) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	980	1085	740	980	1085	740	800	800	740
		5 ¹⁵ / ₁₆	1	(10) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	1080	1240	740	1080	1240	740	800	800	740
		5 ¹⁵ / ₁₆	2	(10) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	980	1085	740	980	1085	740	800	800	740
		5 ¹⁵ / ₁₆	2	(10) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	1170	1345	740	1170	1345	740	800	800	740
SUH28	---	6 ¹ / ₁₆	1	(8) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	800	920	670	800	920	670	800	920	670
		6 ¹ / ₁₆	1	(8) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	875	1010	670	875	1010	670	800	800	670
		6 ¹ / ₁₆	2	(8) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	800	920	670	800	920	670	800	920	670
		6 ¹ / ₁₆	2	(8) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	950	1095	670	950	1095	670	800	800	670
HD28	HU28	4 ³ / ₈	1	(8) 10d	(4) 10d x 1 1/2	---	---	---	815	940	635	815	940	635	815	940	635	800	800	635
		4 ³ / ₈	1	(8) 16d	(4) 10d x 1 1/2	---	---	---	895	1030	635	895	1030	635	895	1030	635	800	800	635
		4 ³ / ₈	2	(8) 10d	(4) 10d x 1 1/2	---	---	---	815	940	635	815	940	635	815	940	635	800	800	635
		4 ³ / ₈	2	(8) 16d	(4) 10d x 1 1/2	---	---	---	970	1115	635	970	1115	635	970	1115	635	800	800	635
JUS28	LUS28	4 ³ / ₈	1	(6) 10d	(4) 10d	---	---	---	---	---	---	920	1060	935	920	1060	935	920	1060	935
		4 ³ / ₈	2	(6) 10d	(4) 10d	---	---	---	---	---	---	920	1060	935	920	1060	935	920	1060	935
MUS28	MUS28	6 ³ / ₁₆	1	(8) 10d	(8) 10d	---	---	---	---	---	---	1465	1685	1035	1425	1640	1035	1465	1685	1035
		6 ³ / ₁₆	1	(8) 16d	(8) 16d	---	---	---	---	---	---	1610	1850	955	1425	1640	955	1540	1770	955
		6 ³ / ₁₆	2	(8) 10d	(8) 10d	---	---	---	---	---	---	1465	1685	1035	1465	1685	1035	1465	1685	1035
		6 ³ / ₁₆	2	(8) 16d	(8) 16d	---	---	---	---	---	---	1745	2005	1035	1745	2005	1035	1745	2005	1035
HUS28	HUS28	6 ¹¹ / ₁₆	1	(22) 10d	(8) 10d	---	---	---	---	---	---	2870	3075	1820	1635	1880	1820	1600	1835	1820
		6 ¹¹ / ₁₆	1	(22) 16d	(8) 16d	---	---	---	---	---	---	3150	3370	2160	1635	1880	2160	1600	1835	2160
		6 ¹¹ / ₁₆	2	(22) 10d	(8) 10d	---	---	---	---	---	---	2870	3075	1820	2870	3075	1820	2870	3075	1820
		6 ¹¹ / ₁₆	2	(22) 16d	(8) 16d	---	---	---	---	---	---	3410	3650	2160	3270	3650	2160	3195		



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				Supporting Member	Supported Member	Download		Uplift	Download		Uplift	Download		Uplift	Download		Uplift	Download		Uplift	
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	
SUH210	U210	6 1/16	1	(10) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1000	1150	930	1000	1150	930	
		6 1/16	1	(10) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1100	1265	930	1100	1265	930	
		6 1/16	2	(10) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1000	1150	930	1000	1150	930	
HD210	HU210	4 3/8	1	(12) 10d	(4) 10d x 1 1/2	---	---	---	---	---	---	1220	1405	635	1220	1405	635	1220	1405	635	
		4 3/8	1	(12) 16d	(4) 10d x 1 1/2	---	---	---	---	---	---	---	1340	1540	635	1340	1540	635	1340	1540	635
		4 3/8	2	(12) 10d	(4) 10d x 1 1/2	---	---	---	---	---	---	---	1220	1405	635	1220	1405	635	1220	1405	635
JUS210	LUS210	4 3/8	1	(8) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	1115	1285	935	1115	1285	935	
		4 3/8	2	(8) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	1115	1285	935	1115	1285	935	
		8 7/16	1	(30) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	3450	3720	2265	3450	3720	2265	
HUS210	HUS210	8 7/16	1	(30) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	3780	4080	2690	3780	4080	2690	
		8 7/16	2	(30) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	3450	3720	2265	3450	3720	2265	
		8 7/16	2	(30) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	4095	4420	2690	4095	4420	2690	
THD210	---	9 1/16	1	(38) 10d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	3245	3490	2600	3245	3490	2600	
		9 1/16	1	(38) 16d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	3560	3825	2600	3560	3825	2600	
		9 1/16	2	(38) 10d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	3245	3490	2600	3245	3490	2600	
MSH29	THA29	3 1/4	1	(18) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	1825	1885	660	1825	1885	660	
		3 1/4	2	(18) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	1825	1885	660	1825	1885	660	
		2 Ply Carried Member																			
SUH24-2	U24-2	3	1	(6) 10d	(2) 10d	600	690	320	600	690	320	600	690	320	600	690	320	600	690	320	
		3	1	(6) 16d	(2) 16d	660	755	320	660	755	320	660	755	320	660	755	320	660	755	320	
		3	2	(6) 10d	(2) 10d	600	690	320	600	690	320	600	690	320	600	690	320	600	690	320	
JUS24-2	LUS24-2	3	2	(6) 16d	(2) 16d	715	820	320	715	820	320	715	800	320	715	800	320	715	800	320	
		2 3/8	1	(4) 10d	(2) 10d	555	635	225	555	635	225	555	635	225	555	635	225	555	635	225	
		2 3/8	1	(4) 16d	(2) 16d	615	705	270	615	705	270	615	705	270	615	705	270	615	705	270	
HUS24-2	---	2 3/8	2	(4) 10d	(2) 10d	555	635	225	555	635	225	555	635	225	555	635	225	555	635	225	
		2 3/8	2	(4) 16d	(2) 16d	665	765	270	665	765	270	665	765	270	665	765	270	665	765	270	
		2 3/8	1	(4) 10d	(2) 10d	575	660	350	575	660	350	575	660	350	575	660	350	575	660	350	
SUH26-2	U26-2	4 1 1/16	1	(8) 10d	(4) 10d	---	---	---	800	920	640	800	920	640	800	920	640	800	920	640	
		4 1 1/16	1	(8) 16d	(4) 16d	---	---	---	875	1010	640	875	1010	640	875	1010	640	800	800	640	
		4 1 1/16	2	(8) 10d	(4) 10d	---	---	---	800	920	640	800	920	640	800	920	640	800	920	640	
HD26-2	HU26-2	5 1/16	1	(12) 10d	(6) 10d	---	---	---	1220	1405	990	1085	1245	990	1220	1405	990	800	800	990	
		5 1/16	1	(12) 16d	(6) 16d	---	---	---	1340	1540	990	1085	1245	990	1250	1435	990	800	800	990	
		5 1/16	2	(12) 10d	(6) 10d	---	---	---	1220	1405	990	1220	1405	990	1220	1405	990	800	800	990	
JUS26-2	LUS26-2	5 1/16	2	(12) 16d	(6) 16d	---	---	---	1450	1670	990	1450	1670	990	1450	1670	990	800	800	990	
		4 1 1/16	1	(4) 10d	(4) 10d	---	---	---	720	830	950	720	830	950	720	830	950	720	800	950	
		4 1 1/16	1	(4) 16d	(4) 16d	---	---	---	800	920	1140	800	920	1140	800	920	1140	800	800	1140	
HUS26-2	HUS26-2	4 1 1/16	2	(4) 10d	(4) 10d	---	---	---	720	830	950	720	830	950	720	830	950	720	800	950	
		4 1 1/16	2	(4) 16d	(4) 16d	---	---	---	865	995	1140	865	995	1140	865	995	1140	800	800	1140	
		4 1 1/16	1	(4) 10d	(4) 10d	---	---	---	740	850	785	740	850	785	740	850	785	740	800	785	
THD26-2	HHUS26-2	5 1/8	1	(18) 10d	(12) 10d	---	---	---	1835	2110	1980	1180	1360	1980	1265	1455	1980	800	800	1980	
		5 1/8	1	(18) 16d	(12) 16d	---	---	---	2010	2310	1980	1180	1360	1980	1265	1455	1980	800	800	1980	
		5 1/8	2	(18) 10d	(12) 10d	---	---	---	1835	2110	1980	1835	2110	1980	1835	2110	1980	800	800	1980	
THDH26-2	HGUS26-2	5 1/8	2	(18) 16d	(12) 16d	---	---	---	2180	2505	1980	2180	2505	1980	2180	2505	1980	800	800	1980	
		4 1 1/16	1	(22) 10d	(8) 10d	---	---	---	2840	3265	1585	1180	1360	1585	1265	1455	1585	800	800	1585	
		4 1 1/16	1	(22) 16d	(8) 16d	---	---	---	3110	3580	1880	1180	1360	1880	1265	1455	1880	800	800	1880	
SUH28-2	---	4 1 1/16	2	(22) 10d	(8) 10d	---	---	---	2840	3265	1585	2360	2715	1585	2525	2905	1585	800	800	1585	
		4 1 1/16	2	(22) 16d	(8) 16d	---	---	---	3370	3880	1880	2360	2715	1880	2525	2905	1880	800	800	1880	
		4 1 1/16	1	(10) 10d	(4) 10d	---	---	---	---	---	---	---	1000	1150	640	1000	1150	640	1000	1150	640
HD28-2	HU28-2	4 1 1/16	1	(10) 16d	(4) 16d	---	---	---	---	---	---	---	---	---	1100	1265	640	1100	1265	640	
		4 1 1/16	2	(10) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	1000	1150	640	1000	1150	640	
		4 1 1/16	2	(10) 16d	(4) 16d	---	---	---	---	---	---	---	---	---	1190	1370	640	1190	1370	640	
JUS28-2	LUS28-2	5 1/16	1	(14) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	1425	1640	990	1425	1640	990	
		5 1/16	1	(14) 16d	(6) 16d	---	---	---	---	---	---	---	---	---	1565	1800	990	1565	1800	990	
		5 1/16	2	(14) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	1425	1640	990	1425	1640	990	
SUH28-2	---	5 1/16	2	(14) 16d	(6) 16d	---	---	---	---	---	---	---	---	---	1695	1950	990	1695	1950	990	
		4 1 1/16	1	(6) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	915	1055	950	915	1055	950	
		4 1 1/16	1	(6) 16d	(4) 16d	---	---	---	---	---	---	---	---	---	1015	1170	1140	1015	1170	1140	
SUH28-2	---	4 1 1/16	2	(6) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	915	1055	950	915	1055	950	
		4 1 1/16	2	(6) 16d	(4) 16d	---	---	---	---	---	---	---	---	---	1100	1265	1140	1100	1265	1140	
		4 1 1/16	2	(6) 16d	(4) 16d	---	---	---	---	---	---	---	---	---	1100	1265	1140	1100	1265	1140	



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				Supporting Member	Supported Member	Download		Uplift	Download		Uplift	Download		Uplift	Download		Uplift	Download		Uplift	
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	
SKHH410L/R	HSUR/L410	7	1	(20) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	2040	2345	1630	1895	2175	1630	
		7	1	(20) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	2235	2570	1935	1895	2175	1935	
		7	2	(20) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	2040	2345	1630	2040	2345	1630
		7	2	(20) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	---	2420	2785	1935	2420	2785	1935
Hip/Jack Connectors																					
BN264	---	2 ⁷ / ₈	1	(20) 10d	(8) 10d x 1 1/2	---	---	---	2060	2370	545	1145	1315	545	1255	1445	545	800	800	545	
		2 ⁷ / ₈	2	(20) 10d	(8) 10d x 1 1/2	---	---	---	2060	2370	545	2060	2370	545	2060	2370	545	800	800	545	
BN284	---	2 ⁷ / ₈	1	(20) 10d	(8) 10d x 1 1/2	---	---	---	---	---	---	2060	2370	545	1585	1820	545	1580	1820	545	
		2 ⁷ / ₈	2	(20) 10d	(8) 10d x 1 1/2	---	---	---	---	---	---	2060	2370	545	2060	2370	545	2060	2370	545	
HTHJ26-18	LTHJR/L	4 ⁷ / ₈	1	(16) 10d	(12) 10d	---	---	---	1250	1435	1020	1040	1195	1020	800	800	1020	800	800	1020	
		4 ⁷ / ₈	1	(16) 16d	(12) 16d	---	---	---	1250	1435	1115	1040	1195	1115	800	800	1115	800	800	1115	
		4 ⁷ / ₈	2	(16) 10d	(12) 10d	---	---	---	1575	1815	1020	1575	1815	1020	800	800	1020	800	800	1020	
		4 ⁷ / ₈	2	(16) 16d	(12) 16d	---	---	---	1870	2155	1210	1870	2155	1210	800	800	1210	800	800	1210	
HJC26	---	5 ⁹ / ₁₆	1	(16) 10d	(12) 10d	---	---	---	1740	2000	1320	1180	1360	1320	1265	1455	1320	800	800	1320	
		5 ⁹ / ₁₆	1	(16) 16d	(12) 10d	---	---	---	1905	2190	1320	1180	1360	1320	1265	1455	1320	800	800	1320	
		5 ⁹ / ₁₆	2	(16) 10d	(12) 10d	---	---	---	1740	2000	1320	1740	2000	1320	1740	2000	1320	800	800	1320	
		5 ⁹ / ₁₆	2	(16) 16d	(12) 10d	---	---	---	2065	2375	1320	2065	2375	1320	2065	2375	1320	800	800	1320	
HHC26	---	4 ¹⁵ / ₁₆	1	(20) 10d	(10) 10d	---	---	---	2175	2480	1545	1160	1335	1545	1260	1450	1545	800	800	1545	
		4 ¹⁵ / ₁₆	1	(20) 16d	(10) 10d	---	---	---	2380	2720	1545	1160	1335	1545	1260	1450	1545	800	800	1545	
		4 ¹⁵ / ₁₆	2	(20) 10d	(10) 10d	---	---	---	2175	2480	1545	2175	2480	1545	2175	2480	1545	800	800	1545	
		4 ¹⁵ / ₁₆	2	(20) 16d	(10) 10d	---	---	---	2580	2945	1545	2325	2670	1545	2520	2900	1545	800	800	1545	
HJHC26	---	5 ⁹ / ₁₆	1	(20) 10d	(12) 10d	---	---	---	2175	2480	1545	1160	1335	1545	1260	1450	1545	800	800	1545	
		5 ⁹ / ₁₆	1	(20) 16d	(12) 10d	---	---	---	2380	2720	1545	1160	1335	1545	1260	1450	1545	800	800	1545	
		5 ⁹ / ₁₆	2	(20) 10d	(12) 10d	---	---	---	2175	2480	1545	2175	2480	1545	2175	2480	1545	800	800	1545	
		5 ⁹ / ₁₆	2	(20) 16d	(12) 10d	---	---	---	2580	2945	1545	2325	2670	1545	2520	2900	1545	800	800	1545	
HJC28	---	6 ¹ / ₄	1	(20) 10d	(14) 10d	---	---	---	---	---	---	2175	2480	1540	1635	1880	1540	1600	1835	1540	
		6 ¹ / ₄	1	(20) 16d	(14) 10d	---	---	---	---	---	---	2380	2720	1540	1635	1880	1540	1600	1835	1540	
		6 ¹ / ₄	2	(20) 10d	(14) 10d	---	---	---	---	---	---	2175	2480	1540	2175	2480	1540	2175	2480	1540	
		6 ¹ / ₄	2	(20) 16d	(14) 10d	---	---	---	---	---	2580	2945	1540	2580	2945	1540	2580	2945	1540		
HHC28	---	6	1	(24) 10d	(12) 10d	---	---	---	---	---	---	2480	2480	1545	1595	1835	1545	1585	1825	1545	
		6	1	(24) 16d	(12) 10d	---	---	---	---	---	---	2720	2720	1545	1595	1835	1545	1585	1825	1545	
		6	2	(24) 10d	(12) 10d	---	---	---	---	---	---	2480	2480	1545	2480	2480	1545	2480	2480	1545	
		6	2	(24) 16d	(12) 10d	---	---	---	---	---	2945	2945	1545	2945	2945	1545	2945	2945	1545		
HJHC28	MTHM	6 ¹ / ₂	1	(24) 10d	(14) 10d	---	---	---	---	---	---	2480	2480	1545	1610	1850	1545	1590	1830	1545	
		6 ¹ / ₂	1	(24) 16d	(14) 10d	---	---	---	---	---	---	2720	2720	1545	1610	1850	1545	1590	1830	1545	
		6 ¹ / ₂	2	(24) 10d	(14) 10d	---	---	---	---	---	---	2480	2480	1545	2480	2480	1545	2480	2480	1545	
		6 ¹ / ₂	2	(24) 16d	(14) 10d	---	---	---	---	---	2945	2945	1545	2945	2945	1545	2945	2945	1545		
Adjustable Slope/Skew Connectors																					
LSSH210 Sloped only	LSSU210	8	1	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	980	1125	895	980	1125	895	
		8	2	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	980	1125	895	980	1125	895	
LSSH210 Sloped & Skewed	LSSU210	8	1	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	980	1125	895	980	1125	895	
		8	2	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	980	1125	895	980	1125	895	
LSSH179 Sloped only	LSSU125	8	1	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	980	1125	895	980	1125	895	
		8	2	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	980	1125	895	980	1125	895	
LSSH179 Sloped & Skewed	LSSU125	8	1	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	980	1125	895	980	1125	895	
		8	2	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	980	1125	895	980	1125	895	
LSSH31 Sloped only	LSSU210-2	7 ⁹ / ₁₆	1	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1430	1645	1330	1540	1770	1330	
		7 ⁹ / ₁₆	1	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1430	1645	1330	1540	1770	1330	
		7 ⁹ / ₁₆	2	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1800	2075	1330	1800	2075	1330	
		7 ⁹ / ₁₆	2	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	2140	2465	1330	2140	2465	1330	
LSSH31 Sloped & Skewed	LSSU210-2	7 ⁹ / ₁₆	1	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1360	1360	1330	1360	1360	1330	
		7 ⁹ / ₁₆	1	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1430	1490	1330	1490	1490	1330	
		7 ⁹ / ₁₆	2	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1360	1360	1330	1360	1360	1330	
		7 ⁹ / ₁₆	2	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1615	1615	1330	1615	1615	1330	
LSSH35 Sloped Only	LSSU410	7 ⁹ / ₁₆	1	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1430	1645	1330	1540	1770	1330	
		7 ⁹ / ₁₆	1	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1430	1645	1330	1540	1770	1330	
		7 ⁹ / ₁₆	2	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1800	2075	1330	1800	2075	1330	
		7 ⁹ / ₁₆	2	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	2140	2465	1330	2140	2465	1330	
LSSH35 Sloped & Skewed	LSSU410	7 ⁹ / ₁₆	1	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1360	1360	1330	1360	1360	1330	
		7 ⁹ / ₁₆	1	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1430	1490	1330	1490	1490	1330	
		7 ⁹ / ₁₆	2	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1360	1360	1330	1360	1360	1330	

1) Tabulated loads are in pounds.
 2) Minimum heel height is measured from the top of the bearing seat to the uppermost nail into the supporting member + 3/8".
 3) A 10d x 1 1/2 nail is 1-1/2" long with a diameter of 0.148 inch.
 4) A 10d nail is 3" long with a diameter of 0.148 inch.
 5) A 16d nail is 3-1/2" long with a diameter of 0.162 inch.