



**USP STRUCTURAL CONNECTORS**  
ENGINEERED PRODUCTS/ENGINEERING SERVICES

**ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Hem Fir)**

USP Stock No.	Ref. No.	Min. Heel Height (in)	No. of Supporting Member Plies	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		
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
<b>1 Ply Carried Member</b>																							
JL24	LU24	2 <sup>1</sup> / <sub>16</sub>	1	(4) 10d	(2) 10d x 1 1/2	400	460	210	400	400	210	400	400	210	400	400	210	400	400	210			
		2 <sup>1</sup> / <sub>16</sub>	1	(4) 16d	(2) 10d x 1 1/2	415	475	210	400	400	210	400	400	210	400	400	210	400	400	210	400		
		2 <sup>1</sup> / <sub>16</sub>	2	(4) 10d	(2) 10d x 1 1/2	400	460	210	400	400	210	400	400	210	400	400	210	400	400	210	400		
SUH24	U24	2 <sup>1</sup> / <sub>16</sub>	2	(4) 16d	(2) 10d x 1 1/2	475	545	210	400	400	210	400	400	210	400	400	210	400	400	210			
		2 <sup>1</sup> / <sub>16</sub>	1	(4) 10d	(2) 10d x 1 1/2	410	470	315	400	400	315	400	400	315	400	400	315	400	400	315			
		2 <sup>1</sup> / <sub>16</sub>	1	(4) 16d	(2) 10d x 1 1/2	450	510	315	400	400	315	400	400	315	400	400	315	400	400	315			
JUS24	LUS24	2 <sup>1</sup> / <sub>4</sub>	2	(4) 10d	(2) 10d x 1 1/2	410	470	315	400	400	315	400	400	315	400	400	315	400	400	315			
		2 <sup>1</sup> / <sub>4</sub>	1	(4) 16d	(2) 10d x 1 1/2	485	555	315	400	400	315	400	400	315	400	400	315	400	400	315			
		2 <sup>1</sup> / <sub>4</sub>	2	(4) 10d	(2) 10d	435	500	440	400	400	440	400	400	440	400	400	440	400	400	440			
JL26	LU26	4 <sup>3</sup> / <sub>8</sub>	1	(6) 10d	(4) 10d x 1 1/2	---	---	---	590	680	415	400	400	415	400	400	415	400	400	415			
		4 <sup>3</sup> / <sub>8</sub>	1	(6) 16d	(4) 10d x 1 1/2	---	---	---	590	680	415	400	400	415	400	400	415	400	400	415			
		4 <sup>3</sup> / <sub>8</sub>	2	(4) 10d	(4) 10d x 1 1/2	---	---	---	600	690	415	475	550	415	400	400	415	400	400	415			
SUH26	U26	4 <sup>3</sup> / <sub>8</sub>	2	(6) 16d	(4) 10d x 1 1/2	---	---	---	715	820	415	475	550	415	400	400	415	400	400	415			
		4 <sup>3</sup> / <sub>8</sub>	1	(6) 10d	(4) 10d x 1 1/2	---	---	---	610	705	635	400	410	635	400	400	635	400	400	635			
		4 <sup>3</sup> / <sub>8</sub>	1	(6) 16d	(4) 10d x 1 1/2	---	---	---	670	770	635	400	410	635	400	400	635	400	400	635			
HD26	HU26	4 <sup>3</sup> / <sub>8</sub>	2	(6) 10d	(4) 10d x 1 1/2	---	---	---	610	705	635	610	705	635	400	450	635	400	400	635			
		4 <sup>3</sup> / <sub>8</sub>	2	(4) 16d	(4) 10d x 1 1/2	---	---	---	725	835	635	715	820	635	400	450	635	400	400	635			
		1 <sup>1</sup> / <sub>8</sub>	1	(4) 10d	(2) 10d x 1 1/2	---	---	---	400	400	250	400	400	250	400	400	250	400	400	250			
JUS26	LUS26	1 <sup>1</sup> / <sub>8</sub>	1	(4) 16d	(2) 10d x 1 1/2	---	---	---	400	400	250	400	400	250	400	400	250	400	400	250			
		1 <sup>1</sup> / <sub>8</sub>	2	(4) 10d	(2) 10d x 1 1/2	---	---	---	400	400	250	400	400	250	400	400	250	400	400	250			
		1 <sup>1</sup> / <sub>8</sub>	2	(4) 16d	(2) 10d x 1 1/2	---	---	---	400	400	250	400	400	250	400	400	250	400	400	250			
MUS26	MUS26	4 <sup>1</sup> / <sub>4</sub>	1	(4) 10d	(4) 10d	---	---	---	740	850	960	400	400	960	400	400	960	400	400	960			
		4 <sup>1</sup> / <sub>4</sub>	2	(4) 10d	(4) 10d	---	---	---	740	850	960	545	630	960	400	400	960	400	400	960			
		4 <sup>1</sup> / <sub>4</sub>	1	(6) 10d	(6) 10d	---	---	---	915	1055	740	400	400	740	400	400	740	400	400	740			
HUS26	HUS26	4 <sup>1</sup> / <sub>4</sub>	2	(6) 16d	(6) 16d	---	---	---	1120	1290	740	610	705	740	400	400	740	400	400	740			
		4 <sup>1</sup> / <sub>4</sub>	2	(6) 10d	(6) 10d	---	---	---	1330	1530	740	610	705	740	400	400	740	400	400	740			
		4 <sup>3</sup> / <sub>8</sub>	1	(14) 10d	(6) 10d	---	---	---	1935	2225	1395	465	535	1395	400	400	1395	400	400	1395			
THD26	---	4 <sup>3</sup> / <sub>8</sub>	1	(14) 16d	(6) 16d	---	---	---	2125	2440	1655	465	535	1655	400	400	1655	400	400	1655			
		4 <sup>3</sup> / <sub>8</sub>	2	(14) 10d	(6) 10d	---	---	---	1935	2225	1395	925	1065	1395	475	550	1395	400	400	1395			
		4 <sup>3</sup> / <sub>8</sub>	2	(14) 16d	(6) 16d	---	---	---	2300	2645	1655	925	1065	1655	475	550	1655	400	400	1655			
JL28	LU28	5 <sup>1</sup> / <sub>4</sub>	1	(18) 10d	(12) 10d x 1 1/2	---	---	---	1835	2110	1900	400	400	1900	400	400	1900	400	400	1900			
		5 <sup>1</sup> / <sub>4</sub>	1	(18) 16d	(12) 10d x 1 1/2	---	---	---	2010	2310	1900	400	400	1900	400	400	1900	400	400	1900			
		5 <sup>1</sup> / <sub>4</sub>	2	(18) 10d	(12) 10d x 1 1/2	---	---	---	1835	2110	1900	695	800	1900	400	440	1900	400	400	1900			
SUH28	---	5 <sup>1</sup> / <sub>4</sub>	2	(18) 16d	(12) 10d x 1 1/2	---	---	---	2180	2505	1900	695	800	1900	400	440	1900	400	400	1900			
		5 <sup>15</sup> / <sub>16</sub>	1	(10) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	540	620	760	400	400	760	400	400	760		
		5 <sup>15</sup> / <sub>16</sub>	1	(10) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	540	620	760	400	400	760	400	400	760		
HD28	HU28	5 <sup>15</sup> / <sub>16</sub>	2	(10) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	1000	1110	760	530	610	760	400	400	760			
		5 <sup>15</sup> / <sub>16</sub>	2	(10) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	1080	1240	760	530	610	760	400	400	760			
		6 <sup>1</sup> / <sub>16</sub>	1	(8) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	815	940	685	515	590	685	400	400	685		
JUS28	LUS28	6 <sup>1</sup> / <sub>16</sub>	1	(8) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	895	1030	685	515	590	685	400	400	685			
		6 <sup>1</sup> / <sub>16</sub>	2	(8) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	815	940	685	815	940	685	610	700	685		
		6 <sup>1</sup> / <sub>16</sub>	2	(8) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	970	1115	685	970	1115	685	610	700	685		
MUS28	MUS28	4 <sup>3</sup> / <sub>8</sub>	1	(8) 10d	(4) 10d x 1 1/2	---	---	---	835	960	645	400	420	645	400	400	645	400	400	645			
		4 <sup>3</sup> / <sub>8</sub>	1	(8) 16d	(4) 10d x 1 1/2	---	---	---	915	1050	645	400	420	645	400	400	645	400	400	645			
		4 <sup>3</sup> / <sub>8</sub>	2	(8) 10d	(4) 10d x 1 1/2	---	---	---	835	960	645	730	840	645	400	460	645	400	400	645			
HUS28	HUS28	4 <sup>3</sup> / <sub>8</sub>	2	(8) 16d	(4) 10d x 1 1/2	---	---	---	990	1140	645	730	840	645	400	460	645	400	400	645			
		4 <sup>3</sup> / <sub>8</sub>	1	(6) 10d	(4) 10d	---	---	---	---	---	---	---	940	1080	960	520	595	960	400	400	960		
		4 <sup>3</sup> / <sub>8</sub>	2	(6) 10d	(4) 10d	---	---	---	---	---	---	---	940	1080	960	940	1080	960	615	705	960		
MUS28	MUS28	6 <sup>1</sup> / <sub>16</sub>	1	(8) 10d	(8) 10d	---	---	---	---	---	---	1495	1720	1060	490	560	1060	400	400	1060			
		6 <sup>1</sup> / <sub>16</sub>	1	(8) 16d	(8) 16d	---	---	---	---	---	---	---	1640	1885	980	490	560	980	400	400	980		
		6 <sup>1</sup> / <sub>16</sub>	2	(8) 10d	(8) 10d	---	---	---	---	---	---	---	1495	1720	1060	975	1125	1060	585	675	1060		
HUS28	HUS28	6 <sup>1</sup> / <sub>16</sub>	2	(8) 16d	(8) 16d	---	---	---	---	---	---	1775	2040	1060	975	1125	1060	585	675	1060			
		6 <sup>11</sup> / <sub>16</sub>	1	(22) 10d	(8) 10d	---	---	---	---	---	---	---	2920	3145	1860	745	860	1860	405	465	1860		
		6 <sup>11</sup> / <sub>16</sub>	1	(22) 16d	(8) 16d	---	---	---	---	---	---	---	3205	3450	2210	745	860	2210	405	465	2210		
HUS28	HUS28	6 <sup>11</sup> / <sub>16</sub>	2	(22) 10d	(8) 10d	---	---	---	---	---	---	2920	3145	1860	1490	1715	1860	810	930	1860			
		6 <sup>11</sup> / <sub>16</sub>	2	(22) 16d	(8) 16d	---	---	---	---	---	---	---	3470	3735	2210	1490	1715	2210	810	930	2210		

See footnotes on page 7.



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**ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Hem Fir)**

USP Stock No.	Ref. No.	Min. Heel Height (in)	No. of Supporting Member Plies	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		
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
<b>1 Ply Carried Member</b>																							
THD28	-- --	7 <sup>1</sup> / <sub>16</sub>	1	(28) 10d	(16) 10d x 1 1/2	---	---	---	---	---	---	2855	2870	2005	640	740	2005	400	415	2005			
		7 <sup>1</sup> / <sub>16</sub>	1	(28) 16d	(16) 10d x 1 1/2	---	---	---	---	---	---	---	3130	3150	2005	640	740	2005	400	415	2005		
		7 <sup>1</sup> / <sub>16</sub>	2	(28) 10d	(16) 10d x 1 1/2	---	---	---	---	---	---	---	2855	2870	2005	1285	1475	2005	725	835	2005		
		7 <sup>1</sup> / <sub>16</sub>	2	(28) 16d	(16) 10d x 1 1/2	---	---	---	---	---	---	---	3390	3410	2005	1285	1475	2005	725	835	2005		
JL210	LU210	7 <sup>1</sup> / <sub>16</sub>	1	(14) 10d	(8) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1400	1610	945	715	820	945			
		7 <sup>1</sup> / <sub>16</sub>	1	(14) 16d	(8) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1535	1560	945	715	820	945			
		7 <sup>1</sup> / <sub>16</sub>	2	(14) 10d	(8) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	1400	1610	945	1400	1610	945		
		7 <sup>1</sup> / <sub>16</sub>	2	(14) 16d	(8) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	1665	1690	945	1430	1640	945		
SUH210	U210	6 <sup>1</sup> / <sub>16</sub>	1	(10) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1020	1175	950	620	715	950			
		6 <sup>1</sup> / <sub>16</sub>	1	(10) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	1115	1285	950	620	715	950			
		6 <sup>1</sup> / <sub>16</sub>	2	(10) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	1020	1175	950	1020	1175	950		
		6 <sup>1</sup> / <sub>16</sub>	2	(10) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	1210	1390	950	1210	1390	950		
HD210	HU210	4 <sup>3</sup> / <sub>8</sub>	1	(12) 10d	(4) 10d x 1 1/2	---	---	---	---	---	---	1255	1415	645	730	840	645	400	460	645			
		4 <sup>3</sup> / <sub>8</sub>	1	(12) 16d	(4) 10d x 1 1/2	---	---	---	---	---	---	1375	1550	645	730	840	645	400	460	645			
		4 <sup>3</sup> / <sub>8</sub>	2	(12) 10d	(4) 10d x 1 1/2	---	---	---	---	---	---	---	1255	1415	645	1255	1415	645	795	915	645		
		4 <sup>3</sup> / <sub>8</sub>	2	(12) 16d	(4) 10d x 1 1/2	---	---	---	---	---	---	---	1490	1680	645	1460	1680	645	795	915	645		
JUS210	LUS210	4 <sup>3</sup> / <sub>8</sub>	1	(8) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	1140	1310	960	555	635	960			
		4 <sup>3</sup> / <sub>8</sub>	2	(8) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	---	1140	1310	960	1105	1275	960		
HUS210	HUS210	8 <sup>7</sup> / <sub>16</sub>	1	(30) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	3405	3685	2320	1240	1425	2320			
		8 <sup>7</sup> / <sub>16</sub>	1	(30) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	3735	4040	2755	1240	1425	2755			
		8 <sup>7</sup> / <sub>16</sub>	2	(30) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	3405	3685	2320	2480	2850	2320		
		8 <sup>7</sup> / <sub>16</sub>	2	(30) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	---	4045	4375	2755	2480	2850	2755		
THD210	-- --	9 <sup>1</sup> / <sub>16</sub>	1	(38) 10d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	3205	3455	2665	1085	1250	2665			
		9 <sup>1</sup> / <sub>16</sub>	1	(38) 16d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	3510	3785	2665	1085	1250	2665			
		9 <sup>1</sup> / <sub>16</sub>	2	(38) 10d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	3205	3455	2665	2170	2495	2665		
		9 <sup>1</sup> / <sub>16</sub>	2	(38) 16d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	3805	4100	2665	2170	2495	2665		
MSH29	THA29	3 <sup>1</sup> / <sub>4</sub>	1	(18) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	1765	1825	675	915	1050	675			
		3 <sup>1</sup> / <sub>4</sub>	2	(18) 10d	(4) 10d	---	---	---	---	---	---	---	---	---	---	1765	1825	675	1765	1825	675		
<b>2 Ply Carried Member</b>																							
SUH24-2	U24-2	3	1	(6) 10d	(2) 10d	525	600	325	400	400	325	400	400	325	400	400	325	400	400	325			
		3	1	(6) 16d	(2) 16d	525	600	325	400	400	325	400	400	325	400	400	325	400	400	325			
		3	2	(6) 10d	(2) 10d	610	705	325	400	400	325	400	400	325	400	400	325	400	400	325			
		3	2	(6) 16d	(2) 16d	725	835	325	400	400	325	400	400	325	400	400	325	400	400	325			
JUS24-2	LUS24-2	2 <sup>5</sup> / <sub>8</sub>	1	(4) 10d	(2) 10d	565	655	235	400	400	235	400	400	235	400	400	235	400	400	235			
		2 <sup>5</sup> / <sub>8</sub>	1	(4) 16d	(2) 16d	630	725	280	400	400	280	400	400	280	400	400	280	400	400	280			
		2 <sup>5</sup> / <sub>8</sub>	2	(4) 10d	(2) 10d	565	655	235	400	400	235	400	400	235	400	400	235	400	400	235			
		2 <sup>5</sup> / <sub>8</sub>	2	(4) 16d	(2) 16d	680	785	280	400	400	280	400	400	280	400	400	280	400	400	280			
HUS24-2	-- --	2 <sup>5</sup> / <sub>8</sub>	1	(4) 10d	(2) 10d	590	680	360	400	400	360	400	400	360	400	400	360	400	400	360			
		2 <sup>5</sup> / <sub>8</sub>	1	(4) 16d	(2) 16d	645	745	425	400	400	425	400	400	425	400	400	425	400	400	425			
		2 <sup>5</sup> / <sub>8</sub>	2	(4) 10d	(2) 10d	590	680	360	400	400	360	400	400	360	400	400	360	400	400	360			
		2 <sup>5</sup> / <sub>8</sub>	2	(4) 16d	(2) 16d	700	805	425	400	400	425	400	400	425	400	400	425	400	400	425			
SUH26-2	U26-2	4 <sup>1</sup> / <sub>16</sub>	1	(8) 10d	(4) 10d	---	---	---	815	940	655	400	420	655	400	400	655	400	400	655			
		4 <sup>1</sup> / <sub>16</sub>	1	(8) 16d	(4) 16d	---	---	---	895	1030	655	400	420	655	400	400	655	400	400	655			
		4 <sup>1</sup> / <sub>16</sub>	2	(8) 10d	(4) 10d	---	---	---	815	940	655	735	845	655	400	460	655	400	400	655			
		4 <sup>1</sup> / <sub>16</sub>	2	(8) 16d	(4) 16d	---	---	---	970	1115	655	735	845	655	400	460	655	400	400	655			
HD26-2	HU26-2	5 <sup>3</sup> / <sub>16</sub>	1	(12) 10d	(6) 10d	---	---	---	1255	1440	1010	400	400	1010	400	400	1010	400	400	1010			
		5 <sup>3</sup> / <sub>16</sub>	1	(12) 16d	(6) 16d	---	---	---	1375	1580	1010	400	400	1010	400	400	1010	400	400	1010			
		5 <sup>3</sup> / <sub>16</sub>	2	(12) 10d	(6) 10d	---	---	---	1255	1440	1010	675	780	1010	400	430	1010	400	400	1010			
		5 <sup>3</sup> / <sub>16</sub>	2	(12) 16d	(6) 16d	---	---	---	1490	1710	1010	675	780	1010	400	430	1010	400	400	1010			
JUS26-2	LUS26-2	4 <sup>13</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d	---	---	---	735	845	970	430	495	970	400	400	970	400	400	970			
		4 <sup>13</sup> / <sub>16</sub>	1	(4) 16d	(4) 16d	---	---	---	815	935	1165	430	495	1165	400	400	1165	400	400	1165			
		4 <sup>13</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d	---	---	---	735	845	970	735	845	970	455	520	970	400	400	970			
		4 <sup>13</sup> / <sub>16</sub>	2	(4) 16d	(4) 16d	---	---	---	885	1015	1165	865	995	1165	455	520	1165	400	400	1165			
HUS26-2	HUS26-2	4 <sup>13</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d	---	---	---	760	870	805	430	495	805	400	400	805	400	400	805			
		4 <sup>13</sup> / <sub>16</sub>	1	(4) 16d	(4) 16d	---	---	---	830	955	955	430	495	955	400	400	955	400	400	955			
		4 <sup>13</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d	---	---	---	760	870	805	760	870	805	455	520	805	400	400	805			
		4 <sup>13</sup> / <sub>16</sub>	2	(4) 16d	(4) 16d	---	---	---	900	1035	955	865	995	955	455	520	955	400	400	955			

See footnotes on page 7.



**USP STRUCTURAL CONNECTORS**  
**ENGINEERED PRODUCTS/ENGINEERING SERVICES**

**ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Hem Fir)**

USP Stock No.	Ref. No.	Min. Heel Height (in)	No. of Supporting Member Plies	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		
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
<b>2 Ply Carried Member</b>																							
THD26-2	HHUS26-2	5 <sup>3</sup> / <sub>8</sub>	1	(18) 10d	(12) 10d	---	---	---	1880	2160	2015	465	535	2015	400	400	2015	400	400	2015			
		5 <sup>3</sup> / <sub>8</sub>	1	(18) 16d	(12) 16d	---	---	---	2060	2370	2015	465	535	2015	400	400	2015	400	400	2015	400	2015	
		5 <sup>3</sup> / <sub>8</sub>	2	(18) 10d	(12) 10d	---	---	---	1880	2160	2015	925	1065	2015	475	550	2015	400	400	2015	400	2015	
THDH26-2	HGUS26-2	4 <sup>15</sup> / <sub>16</sub>	1	(22) 10d	(8) 10d	---	---	---	2230	2565	2015	925	1065	2015	475	550	2015	400	400	2015	400	2015	
		4 <sup>15</sup> / <sub>16</sub>	1	(22) 16d	(8) 16d	---	---	---	2890	3320	1620	465	535	1620	400	400	1620	400	400	1620	400	1620	
		4 <sup>15</sup> / <sub>16</sub>	2	(22) 10d	(8) 10d	---	---	---	3165	3635	1925	465	535	1925	400	400	1925	400	400	1925	400	1925	
SUH28-2	--	4 <sup>11</sup> / <sub>16</sub>	1	(10) 10d	(4) 10d	---	---	---	---	---	---	1020	1175	655	405	470	655	400	400	655	400	655	
		4 <sup>11</sup> / <sub>16</sub>	1	(10) 16d	(4) 16d	---	---	---	---	---	---	1040	1195	655	405	470	655	400	400	655	400	655	
		4 <sup>11</sup> / <sub>16</sub>	2	(10) 10d	(4) 10d	---	---	---	---	---	---	1020	1175	655	815	935	655	505	580	655	505	580	
HD28-2	HU28-2	5 <sup>7</sup> / <sub>8</sub>	1	(14) 10d	(6) 10d	---	---	---	---	---	---	1460	1680	1010	685	785	1010	400	435	1010	400	435	
		5 <sup>7</sup> / <sub>8</sub>	1	(14) 16d	(6) 16d	---	---	---	---	---	---	1600	1840	1010	685	785	1010	400	435	1010	400	435	
		5 <sup>7</sup> / <sub>8</sub>	2	(14) 10d	(6) 10d	---	---	---	---	---	---	1460	1680	1010	1365	1570	1010	760	875	1010	760	875	
JUS28-2	LUS28-2	4 <sup>13</sup> / <sub>16</sub>	1	(6) 10d	(4) 10d	---	---	---	---	---	---	935	1080	970	745	860	970	405	465	970	405	465	
		4 <sup>13</sup> / <sub>16</sub>	1	(6) 16d	(4) 16d	---	---	---	---	---	---	1040	1195	1165	745	860	1165	405	465	1165	405	465	
		4 <sup>13</sup> / <sub>16</sub>	2	(6) 10d	(4) 10d	---	---	---	---	---	---	935	1080	970	935	1080	970	810	930	970	810	930	
HUS28-2	HUS28-2	6 <sup>5</sup> / <sub>8</sub>	1	(6) 10d	(6) 10d	---	---	---	---	---	---	1135	1305	1310	745	860	1310	405	465	1310	405	465	
		6 <sup>5</sup> / <sub>8</sub>	1	(6) 16d	(6) 16d	---	---	---	---	---	---	1245	1430	1555	745	860	1555	405	465	1555	405	465	
		6 <sup>5</sup> / <sub>8</sub>	2	(6) 10d	(6) 10d	---	---	---	---	---	---	1135	1305	1310	1135	1305	1310	810	930	1310	810	930	
THD28-2	HHUS28-2	7 <sup>1</sup> / <sub>8</sub>	1	(28) 10d	(16) 10d	---	---	---	---	---	---	2920	3365	2230	745	860	2230	405	465	2230	405	465	
		7 <sup>1</sup> / <sub>8</sub>	1	(28) 16d	(16) 16d	---	---	---	---	---	---	3205	3690	2230	745	860	2230	405	465	2230	405	465	
		7 <sup>1</sup> / <sub>8</sub>	2	(28) 10d	(16) 10d	---	---	---	---	---	---	2920	3365	2230	1490	1715	2230	810	930	2230	810	930	
THDH28-2	HGUS28-2	6 <sup>13</sup> / <sub>16</sub>	1	(36) 10d	(10) 10d	---	---	---	---	---	---	4820	5545	1930	745	860	1930	405	465	1930	405	465	
		6 <sup>13</sup> / <sub>16</sub>	1	(36) 16d	(10) 16d	---	---	---	---	---	---	5285	6080	2290	745	860	2290	405	465	2290	405	465	
		6 <sup>13</sup> / <sub>16</sub>	2	(36) 10d	(10) 10d	---	---	---	---	---	---	4820	5545	1930	1490	1715	1930	810	930	1930	810	930	
SUH210-2	U210-2	8	1	(14) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	1430	1640	980	900	1035	980	
		8	1	(14) 16d	(6) 16d	---	---	---	---	---	---	---	---	---	---	---	1565	1800	980	900	1035	980	
		8	2	(14) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	1430	1640	980	1430	1640	980	
HD210-2	HU210-2	8 <sup>7</sup> / <sub>8</sub>	1	(18) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	1880	2160	1680	1150	1320	1680	
		8 <sup>7</sup> / <sub>8</sub>	1	(18) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	---	---	2060	2370	1680	1150	1320	1680	
		8 <sup>7</sup> / <sub>8</sub>	2	(18) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	---	1880	2160	1680	1880	2160	1680
JUS210-2	LUS210-2	8 <sup>5</sup> / <sub>8</sub>	1	(8) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	2230	2565	1680	2230	2565	1680	
		8 <sup>5</sup> / <sub>8</sub>	1	(8) 16d	(6) 16d	---	---	---	---	---	---	---	---	---	---	---	1300	1500	1420	1245	1430	1420	
		8 <sup>5</sup> / <sub>8</sub>	2	(8) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	---	1445	1660	1705	1245	1430	1705
HUS210-2	HUS210-2	8 <sup>5</sup> / <sub>8</sub>	2	(8) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	1300	1500	1420	1300	1500	1420	
		8 <sup>5</sup> / <sub>8</sub>	2	(8) 16d	(6) 16d	---	---	---	---	---	---	---	---	---	---	---	---	1565	1800	1705	1565	1800	1705
		8 <sup>5</sup> / <sub>8</sub>	1	(8) 10d	(8) 10d	---	---	---	---	---	---	---	---	---	---	---	---	1515	1745	1600	1245	1430	1600
THD210-2	HHUS210-2	9 <sup>1</sup> / <sub>8</sub>	1	(8) 16d	(8) 16d	---	---	---	---	---	---	---	---	---	---	---	1660	1910	1900	1245	1430	1900	
		9 <sup>1</sup> / <sub>8</sub>	1	(8) 10d	(8) 10d	---	---	---	---	---	---	---	---	---	---	---	---	1515	1745	1600	1515	1745	1600
		9 <sup>1</sup> / <sub>8</sub>	2	(8) 16d	(8) 16d	---	---	---	---	---	---	---	---	---	---	---	---	1800	2070	1900	1800	2070	1900
THDH210-2	HGUS210-2	9 <sup>1</sup> / <sub>8</sub>	1	(38) 10d	(20) 10d	---	---	---	---	---	---	---	---	---	---	---	3965	4565	3310	1245	1430	3310	
		9 <sup>1</sup> / <sub>8</sub>	1	(38) 16d	(20) 16d	---	---	---	---	---	---	---	---	---	---	---	---	4350	5005	3310	1245	1430	3310
		9 <sup>1</sup> / <sub>8</sub>	2	(38) 10d	(20) 10d	---	---	---	---	---	---	---	---	---	---	---	---	3965	4565	3310	2485	2860	3310
THD210-2	HHUS210-2	9 <sup>1</sup> / <sub>8</sub>	2	(38) 16d	(20) 16d	---	---	---	---	---	---	---	---	---	---	---	4710	5420	3310	2485	2860	3310	
		8 <sup>11</sup> / <sub>16</sub>	1	(46) 10d	(12) 10d	---	---	---	---	---	---	---	---	---	---	---	---	5980	5980	2525	1245	1430	2525
		8 <sup>11</sup> / <sub>16</sub>	1	(46) 16d	(12) 16d	---	---	---	---	---	---	---	---	---	---	---	---	6555	6555	3000	1245	1430	3000
THD210-2	HHUS210-2	8 <sup>11</sup> / <sub>16</sub>	2	(46) 10d	(12) 10d	---	---	---	---	---	---	---	---	---	---	---	5980	5980	2525	2485	2860	2525	
		8 <sup>11</sup> / <sub>16</sub>	2	(46) 16d	(12) 16d	---	---	---	---	---	---	---	---	---	---	---	---	7100	7100	3000	2485	2860	3000

See footnotes on page 7.



**USP STRUCTURAL CONNECTORS**  
ENGINEERED PRODUCTS/ENGINEERING SERVICES

**ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Hem Fir)**

USP Stock No.	Ref. No.	Min. Heel Height (in)	No. of Supporting Member Plies	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		
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
<b>3 Ply Carried Member</b>																							
JUS26-3	LUS26-3	4 <sup>1</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d	---	---	---	570	660	970	400	400	970	400	400	970	400	400	970			
		4 <sup>1</sup> / <sub>16</sub>	1	(4) 16d	(4) 16d	---	---	---	570	660	1165	400	400	1165	400	400	1165	400	400	1165			
		4 <sup>1</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d	---	---	---	735	845	970	465	535	970	400	400	970	400	400	970			
THDH26-3	HGUS26-3	4 <sup>1</sup> / <sub>8</sub>	1	(20) 10d	(8) 10d	---	---	---	2890	3320	1620	465	535	1620	400	400	1620	400	400	1620			
		4 <sup>1</sup> / <sub>8</sub>	1	(20) 16d	(8) 16d	---	---	---	3165	3635	1925	465	535	1925	400	400	1925	400	400	1925			
		4 <sup>1</sup> / <sub>8</sub>	2	(20) 10d	(8) 10d	---	---	---	2890	3320	1620	925	1065	1620	480	550	1620	400	400	1620			
JUS28-3	LUS28-3	4 <sup>1</sup> / <sub>16</sub>	1	(6) 10d	(4) 10d	---	---	---	---	---	---	935	1080	970	450	520	970	400	400	970			
		4 <sup>1</sup> / <sub>16</sub>	1	(6) 16d	(4) 16d	---	---	---	---	---	---	1040	1195	1165	450	520	1165	400	400	1165			
		4 <sup>1</sup> / <sub>16</sub>	2	(6) 10d	(4) 10d	---	---	---	---	---	---	935	1080	970	900	1035	970	550	630	970			
THDH28-3	HGUS28-3	7 <sup>1</sup> / <sub>4</sub>	1	(36) 10d	(10) 10d	---	---	---	---	---	---	4995	5740	1930	745	860	1930	405	465	1930			
		7 <sup>1</sup> / <sub>4</sub>	1	(36) 16d	(10) 16d	---	---	---	---	---	---	5475	6290	2290	745	860	2290	405	465	2290			
		7 <sup>1</sup> / <sub>4</sub>	2	(36) 10d	(10) 10d	---	---	---	---	---	---	4995	5740	1930	1495	1715	1930	810	930	1930			
JUS210-3	LUS210-3	7 <sup>1</sup> / <sub>8</sub>	1	(8) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	1300	1500	1420	790	910	1420			
		7 <sup>1</sup> / <sub>8</sub>	1	(8) 16d	(6) 16d	---	---	---	---	---	---	---	---	---	1445	1660	1705	790	910	1705			
		7 <sup>1</sup> / <sub>8</sub>	2	(8) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	1300	1500	1420	1300	1500	1420			
THD210-3	HHUS210-3	8 <sup>1</sup> / <sub>8</sub>	1	(38) 10d	(20) 10d	---	---	---	---	---	---	---	---	---	1565	1800	1705	1565	1800	1705			
		8 <sup>1</sup> / <sub>8</sub>	1	(38) 16d	(20) 16d	---	---	---	---	---	---	---	---	---	4195	4820	3310	1065	1220	3310			
		8 <sup>1</sup> / <sub>8</sub>	2	(38) 10d	(20) 10d	---	---	---	---	---	---	---	---	---	4195	4820	3310	2125	2445	3310			
THDH210-3	HGUS210-3	8 <sup>1</sup> / <sub>4</sub>	1	(46) 10d	(12) 10d	---	---	---	---	---	---	---	---	---	6435	7135	3305	1245	1430	3305			
		8 <sup>1</sup> / <sub>4</sub>	1	(46) 16d	(12) 16d	---	---	---	---	---	---	---	---	---	7050	7825	3925	1245	1430	3925			
		8 <sup>1</sup> / <sub>4</sub>	2	(46) 10d	(12) 10d	---	---	---	---	---	---	---	---	---	6435	7135	3305	2485	2860	3305			
JUS44	LUS44	2 <sup>3</sup> / <sub>8</sub>	1	(4) 10d	(2) 10d	495	570	235	400	400	235	400	400	235	400	400	235	400	400	235			
		2 <sup>3</sup> / <sub>8</sub>	1	(4) 16d	(2) 16d	495	570	280	400	400	280	400	400	280	400	400	280	400	400	280			
		2 <sup>3</sup> / <sub>8</sub>	2	(4) 10d	(2) 10d	565	655	235	400	400	235	400	400	235	400	400	235	400	400	235			
JUS46	LUS46	4 <sup>3</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d	---	---	---	735	845	970	400	405	970	400	400	970	400	400	970			
		4 <sup>3</sup> / <sub>16</sub>	1	(4) 16d	(4) 16d	---	---	---	815	935	1165	400	405	1165	400	400	1165	400	400	1165			
		4 <sup>3</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d	---	---	---	735	845	970	700	805	970	400	445	970	400	400	970			
HUS46	HUS46	4 <sup>3</sup> / <sub>16</sub>	1	(4) 10d	(4) 10d	---	---	---	885	1015	1165	700	805	1165	400	445	1165	400	400	1165			
		4 <sup>3</sup> / <sub>16</sub>	1	(4) 16d	(4) 16d	---	---	---	760	870	805	400	405	805	400	400	805	400	400	805			
		4 <sup>3</sup> / <sub>16</sub>	2	(4) 10d	(4) 10d	---	---	---	830	955	955	400	405	955	400	400	955	400	400	955			
THD46	HHUS46	5 <sup>1</sup> / <sub>16</sub>	1	(18) 10d	(12) 10d	---	---	---	900	1035	955	700	805	955	400	445	955	400	400	955			
		5 <sup>1</sup> / <sub>16</sub>	1	(18) 16d	(12) 16d	---	---	---	1880	2160	2015	440	505	2015	400	400	2015	400	400	2015			
		5 <sup>1</sup> / <sub>16</sub>	2	(18) 10d	(12) 10d	---	---	---	2060	2370	2015	440	505	2015	400	400	2015	400	400	2015			
THDH46	HGUS46	4 <sup>3</sup> / <sub>4</sub>	1	(22) 10d	(8) 10d	---	---	---	1880	2160	2015	880	1010	2015	460	530	2015	400	400	2015			
		4 <sup>3</sup> / <sub>4</sub>	1	(22) 16d	(8) 16d	---	---	---	2230	2565	2015	880	1010	2015	460	530	2015	400	400	2015			
		4 <sup>3</sup> / <sub>4</sub>	2	(22) 10d	(8) 10d	---	---	---	2890	3320	1885	415	480	1885	400	400	1885	400	400	1885			
HD48	HU48	4 <sup>15</sup> / <sub>16</sub>	1	(14) 10d	(6) 10d	---	---	---	3165	3635	2240	415	480	2240	400	400	2240	400	400	2240			
		4 <sup>15</sup> / <sub>16</sub>	1	(14) 16d	(6) 16d	---	---	---	2890	3320	1885	830	955	1885	440	505	1885	400	400	1885			
		4 <sup>15</sup> / <sub>16</sub>	2	(14) 10d	(6) 10d	---	---	---	3430	3940	2240	830	955	2240	440	505	2240	400	400	2240			
JUS48	LUS48	4 <sup>9</sup> / <sub>16</sub>	1	(6) 10d	(4) 10d	---	---	---	---	---	---	1460	1680	1010	590	675	1010	400	400	1010			
		4 <sup>9</sup> / <sub>16</sub>	1	(6) 16d	(4) 16d	---	---	---	---	---	---	1600	1840	1010	590	675	1010	400	400	1010			
		4 <sup>9</sup> / <sub>16</sub>	2	(6) 10d	(4) 10d	---	---	---	---	---	---	1460	1680	1010	1175	1355	1010	680	780	1010			
JUS48	LUS48	4 <sup>9</sup> / <sub>16</sub>	1	(6) 10d	(4) 10d	---	---	---	---	---	---	1735	1995	1010	1175	1355	1010	680	780	1010			
		4 <sup>9</sup> / <sub>16</sub>	1	(6) 16d	(4) 16d	---	---	---	---	---	---	935	1080	970	625	720	970	400	410	970			
		4 <sup>9</sup> / <sub>16</sub>	2	(6) 10d	(4) 10d	---	---	---	---	---	---	935	1080	970	935	1080	970	710	820	970			
JUS48	LUS48	4 <sup>9</sup> / <sub>16</sub>	2	(6) 16d	(4) 16d	---	---	---	---	---	---	1125	1295	1165	1125	1295	1165	710	820	1165			

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**ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Hem Fir)**

USP Stock No.	Ref. No.	Min. Heel Height (in)	No. of Supporting Member Plies	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		
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
<b>4x Connectors</b>																							
HUS48	HUS48	6 1/4	1	(6) 10d	(6) 10d	---	---	---	---	---	---	1135	1305	1310	575	665	1310	400	400	1310			
		6 1/4	1	(6) 16d	(6) 16d	---	---	---	---	---	---	---	1245	1430	1555	575	665	1555	400	400	1555		
		6 1/4	2	(6) 10d	(6) 10d	---	---	---	---	---	---	---	---	1135	1305	1310	1135	1305	1310	665	765	1310	
THD48	HHUS48	7 1/16	1	(28) 10d	(16) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		7 1/16	1	(28) 16d	(16) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		7 1/16	2	(28) 10d	(16) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
THDH48	HGUS48	6 5/8	1	(36) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		6 5/8	1	(36) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		6 5/8	2	(36) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SUH410	U410	7 3/4	1	(14) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		7 3/4	1	(14) 16d	(6) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		7 3/4	2	(14) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
JUS410	LUS410	8 3/8	1	(8) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		8 3/8	1	(8) 16d	(6) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		8 3/8	2	(8) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
HUS410	HUS410	8 3/8	1	(8) 10d	(8) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		8 3/8	1	(8) 16d	(8) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		8 3/8	2	(8) 10d	(8) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
THD410	HHUS410	9 1/16	1	(38) 10d	(20) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		9 1/16	1	(38) 16d	(20) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		9 1/16	2	(38) 10d	(20) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
THDH410	HGUS410	8 1/2	1	(46) 10d	(12) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		8 1/2	1	(46) 16d	(12) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		8 1/2	2	(46) 10d	(12) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
THDH412	HGUS412	10 1/2	1	(56) 10d	(14) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		10 1/2	1	(56) 16d	(14) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		10 1/2	2	(56) 10d	(14) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
HD17925	HU9	8	1	(18) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		8	1	(18) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		8	2	(18) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
THDH610	HGUS5.50/10	8 13/16	1	(46) 10d	(16) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		8 13/16	1	(46) 16d	(16) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		8 13/16	2	(46) 10d	(16) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
THDH7210	HGUS7.25/10	8 15/16	1	(46) 10d	(12) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		8 15/16	1	(46) 16d	(12) 16d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		8 15/16	2	(46) 10d	(12) 10d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SKH24L/R	SUR/L24	3 1/4	1	(4) 10d	(4) 10d x 1 1/2	410	430	565	400	400	565	400	400	565	400	400	565	400	400	565			
		3 1/4	1	(4) 16d	(4) 10d x 1 1/2	450	470	565	400	400	565	400	400	565	400	400	565	400	400	565			
		3 1/4	2	(4) 10d	(4) 10d x 1 1/2	410	430	565	400	400	565	400	400	565	400	400	565	400	400	565			
SKH26L/R	SUR/L26	4 3/8	1	(6) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		4 3/8	1	(6) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		4 3/8	2	(6) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SKH26L/R	SUR/L26	4 3/8	2	(6) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		4 3/8	2	(6) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		4 3/8	2	(6) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
<b>45° Skewed Connectors</b>																							
SKH24L/R	SUR/L24	3 1/4	1	(4) 10d	(4) 10d x 1 1/2	410	430	565	400	400	565	400	400	565	400	400	565	400	400	565			
		3 1/4	1	(4) 16d	(4) 10d x 1 1/2	450	470	565	400	400	565	400	400	565	400	400	565	400	400	565			
		3 1/4	2	(4) 10d	(4) 10d x 1 1/2	410	430	565	400	400	565	400	400	565	400	400	565	400	400	565			
SKH26L/R	SUR/L26	4 3/8	1	(6) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		4 3/8	1	(6) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		4 3/8	2	(6) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
SKH26L/R	SUR/L26	4 3/8	2	(6) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		4 3/8	2	(6) 10d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		4 3/8	2	(6) 16d	(6) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

See footnotes on page 7.



**USP STRUCTURAL CONNECTORS**  
ENGINEERED PRODUCTS/ENGINEERING SERVICES

**ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Hem Fir)**

USP Stock No.	Ref. No.	Min. Heel Height (in)	No. of Supporting Member Plies	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			
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	
<b>45° Skewed Connectors</b>																								
SKHH26L/R	-- --	5	1	(18) 10d	(12) 10d x 1 1/2	---	---	---	1130	1295	1940	400	400	1940	400	400	1940	400	400	1940				
		5	1	(18) 16d	(12) 10d x 1 1/2	---	---	---	1235	1420	1940	400	400	1940	400	400	1940	400	400	1940	400	400	1940	
		5	2	(18) 10d	(12) 10d x 1 1/2	---	---	---	1130	1295	1940	675	780	1940	400	430	1940	400	430	1940	400	400	1940	
SKH28L/R	-- --	6 <sup>15</sup> / <sub>16</sub>	1	(10) 10d	(8) 10d x 1 1/2	---	---	---	---	---	---	1020	1170	1265	590	675	1265	400	400	1265	400	400	1265	
		6 <sup>15</sup> / <sub>16</sub>	1	(10) 16d	(8) 10d x 1 1/2	---	---	---	---	---	---	---	1115	1285	1265	590	675	1265	400	400	1265	400	400	1265
		6 <sup>15</sup> / <sub>16</sub>	2	(10) 10d	(8) 10d x 1 1/2	---	---	---	---	---	---	---	1020	1170	1265	1020	1170	1265	680	780	1265	680	780	1265
		6 <sup>15</sup> / <sub>16</sub>	2	(10) 16d	(8) 10d x 1 1/2	---	---	---	---	---	---	---	1210	1390	1265	1180	1355	1265	680	780	1265	680	780	1265
SKHH28L/R	-- --	6 <sup>3</sup> / <sub>4</sub>	1	(26) 10d	(16) 10d x 1 1/2	---	---	---	---	---	---	1630	1875	2585	625	720	2585	400	410	2585	400	410	2585	
		6 <sup>3</sup> / <sub>4</sub>	1	(26) 16d	(16) 10d x 1 1/2	---	---	---	---	---	---	1785	2055	2585	625	720	2585	400	410	2585	400	410	2585	
		6 <sup>3</sup> / <sub>4</sub>	2	(26) 10d	(16) 10d x 1 1/2	---	---	---	---	---	---	---	1630	1875	2585	1255	1440	2585	710	820	2585	710	820	2585
		6 <sup>3</sup> / <sub>4</sub>	2	(26) 16d	(16) 10d x 1 1/2	---	---	---	---	---	---	---	1935	2225	2585	1255	1440	2585	710	820	2585	710	820	2585
SKH210L/R	SUR/L210	8 <sup>1</sup> / <sub>16</sub>	1	(14) 10d	(10) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	1425	1505	1565	750	865	1565		
		8 <sup>1</sup> / <sub>16</sub>	1	(14) 16d	(10) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	1565	1650	1565	750	865	1565		
		8 <sup>1</sup> / <sub>16</sub>	2	(14) 10d	(10) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	1425	1505	1565	1425	1505	1565	
		8 <sup>1</sup> / <sub>16</sub>	2	(14) 16d	(10) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	1695	1790	1565	1505	1730	1565	
SKHH210L/R	-- --	8 <sup>3</sup> / <sub>8</sub>	1	(34) 10d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	2130	2450	3230	1065	1220	3230		
		8 <sup>3</sup> / <sub>8</sub>	1	(34) 16d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	2335	2685	3230	1065	1220	3230		
		8 <sup>3</sup> / <sub>8</sub>	2	(34) 10d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	2130	2450	3230	2125	2445	3230	
		8 <sup>3</sup> / <sub>8</sub>	2	(34) 16d	(20) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	---	2530	2910	3230	2125	2445	3230	
SKH26L/R-2	SUR/L26-2	3 <sup>5</sup> / <sub>8</sub>	1	(6) 10d	(6) 10d	---	---	---	400	400	980	400	400	980	400	400	980	400	400	980	400	400	980	
		3 <sup>5</sup> / <sub>8</sub>	1	(6) 16d	(6) 10d	---	---	---	400	400	980	400	400	980	400	400	980	400	400	980	400	400	980	
		3 <sup>5</sup> / <sub>8</sub>	2	(6) 10d	(6) 10d	---	---	---	415	480	980	400	400	980	400	400	980	400	400	980	400	400	980	
		3 <sup>5</sup> / <sub>8</sub>	2	(6) 16d	(6) 10d	---	---	---	415	480	980	400	400	980	400	400	980	400	400	980	400	400	980	
SKHH26L/R-2	HSUR/L26-2	4 <sup>1</sup> / <sub>2</sub>	1	(12) 10d	(4) 10d	---	---	---	1255	1440	795	400	430	795	400	400	795	400	400	795	400	400	795	
		4 <sup>1</sup> / <sub>2</sub>	1	(12) 16d	(4) 16d x 2 1/2	---	---	---	1375	1580	795	400	430	795	400	400	795	400	400	795	400	400	795	
		4 <sup>1</sup> / <sub>2</sub>	2	(12) 10d	(4) 10d	---	---	---	1255	1440	795	750	865	795	405	470	795	400	400	795	400	400	795	
		4 <sup>1</sup> / <sub>2</sub>	2	(12) 16d	(4) 16d x 2 1/2	---	---	---	1490	1710	795	750	865	795	405	470	795	400	400	795	400	400	795	
SKH28L/R-2	-- --	6 <sup>3</sup> / <sub>16</sub>	1	(10) 10d	(8) 10d	---	---	---	---	---	---	855	980	1305	400	415	1305	400	400	1305	400	400	1305	
		6 <sup>3</sup> / <sub>16</sub>	1	(10) 16d	(8) 10d	---	---	---	---	---	---	---	855	980	1305	400	415	1305	400	400	1305	400	400	1305
		6 <sup>3</sup> / <sub>16</sub>	2	(10) 10d	(8) 10d	---	---	---	---	---	---	---	1020	1170	1305	725	830	1305	460	525	1305	460	525	1305
		6 <sup>3</sup> / <sub>16</sub>	2	(10) 16d	(8) 10d	---	---	---	---	---	---	---	1210	1390	1305	725	830	1305	460	525	1305	460	525	1305
SKH210L/R-2	SUR/L210-2	8 <sup>1</sup> / <sub>16</sub>	1	(14) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	1425	1640	1565	750	865	1565		
		8 <sup>1</sup> / <sub>16</sub>	1	(14) 16d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	1565	1800	1565	750	865	1565		
		8 <sup>1</sup> / <sub>16</sub>	2	(14) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	---	1425	1640	1565	1425	1640	1565	
		8 <sup>1</sup> / <sub>16</sub>	2	(14) 16d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	---	1695	1950	1565	1505	1730	1565	
SKHH210L/R-2	HSUR/L210-2	7 <sup>5</sup> / <sub>16</sub>	1	(20) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	2090	2400	1000	790	910	1000		
		7 <sup>5</sup> / <sub>16</sub>	1	(20) 16d	(6) 16d x 2 1/2	---	---	---	---	---	---	---	---	---	---	---	2290	2630	1190	790	910	1190		
		7 <sup>5</sup> / <sub>16</sub>	2	(20) 10d	(6) 10d	---	---	---	---	---	---	---	---	---	---	---	---	2090	2400	1000	1585	1820	1000	
		7 <sup>5</sup> / <sub>16</sub>	2	(20) 16d	(6) 16d x 2 1/2	---	---	---	---	---	---	---	---	---	---	---	---	2480	2850	1190	1585	1820	1190	
SKH46L/R	SUR/L46	4 <sup>3</sup> / <sub>16</sub>	1	(10) 10d	(6) 10d	---	---	---	640	735	1190	400	400	1190	400	400	1190	400	400	1190	400	400	1190	
		4 <sup>3</sup> / <sub>16</sub>	1	(10) 16d	(6) 16d	---	---	---	640	735	1190	400	400	1190	400	400	1190	400	400	1190	400	400	1190	
		4 <sup>3</sup> / <sub>16</sub>	2	(10) 10d	(6) 10d	---	---	---	1045	1200	1190	500	575	1190	400	400	1190	400	400	1190	400	400	1190	
		4 <sup>3</sup> / <sub>16</sub>	2	(10) 16d	(6) 16d	---	---	---	1240	1425	1190	500	575	1190	400	400	1190	400	400	1190	400	400	1190	
SKHH46L/R	HSUR/L46	4 <sup>1</sup> / <sub>2</sub>	1	(12) 10d	(6) 10d	---	---	---	1255	1440	1000	400	430	1000	400	400	1000	400	400	1000	400	400	1000	
		4 <sup>1</sup> / <sub>2</sub>	1	(12) 16d	(6) 16d	---	---	---	1375	1580	1190	400	430	1190	400	400	1190	400	400	1190	400	400	1190	
		4 <sup>1</sup> / <sub>2</sub>	2	(12) 10d	(6) 10d	---	---	---	1255	1440	1000	750	865	1000	405	470	1000	400	400	1000	400	400	1000	
		4 <sup>1</sup> / <sub>2</sub>	2	(12) 16d	(6) 16d	---	---	---	1490	1710	1190	750	865	1190	405	470	1190	400	400	1190	400	400	1190	
SKH410L/R	SUR/L410	6 <sup>3</sup> / <sub>4</sub>	1	(16) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	1670	1920	1565	790	910	1565		
		6 <sup>3</sup> / <sub>4</sub>	1	(16) 16d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	1830	2105	1565	790	910	1565		
		6 <sup>3</sup> / <sub>4</sub>	2	(16) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	---	1670	1920	1565	1585	1820	1565	
		6 <sup>3</sup> / <sub>4</sub>	2	(16) 16d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	---	1985	2280	1565	1585	1820	1565	
SKHH410L/R	HSUR/L410	7	1	(20) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	2090	2400	1670	790	910	1670		
		7	1	(20) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	---	---	2290	2630	1985	790	910	1985		
		7	2	(20) 10d	(10) 10d	---	---	---	---	---	---	---	---	---	---	---	---	2090	2400	1670	1585	1820	1670	
		7	2	(20) 16d	(10) 16d	---	---	---	---	---	---	---	---	---	---	---	---	2480	2850	1985	1585	1820	1985	
<b>Hip/Jack Connectors</b>																								
BN264	-- --	2 <sup>1</sup> / <sub>8</sub>	1	(20) 10d	(8)																			



**USP STRUCTURAL CONNECTORS**  
ENGINEERED PRODUCTS/ENGINEERING SERVICES

**ANSI/TPI 1-2014 END CHORD ALLOWABLE LOADS (Hem Fir)**

USP Stock No.	Ref. No.	Min. Heel Height (in)	No. of Supporting Member Plies	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		
						100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%	100%	115%	160%
<b>Hip/Jack Connectors</b>																							
HTHJ26-18	LTHJR/L	4 <sup>7</sup> / <sub>16</sub>	1	(16) 10d	(12) 10d	---	---	---	760	875	1045	400	400	1045	400	400	1045	400	400	1045			
		4 <sup>7</sup> / <sub>16</sub>	1	(16) 16d	(12) 16d	---	---	---	760	875	1145	400	400	1145	400	400	1145	400	400	1145			
		4 <sup>7</sup> / <sub>16</sub>	2	(16) 10d	(12) 10d	---	---	---	1520	1745	1045	550	635	1045	400	400	1045	400	400	1045			
		4 <sup>7</sup> / <sub>16</sub>	2	(16) 16d	(12) 16d	---	---	---	1520	1745	1240	550	635	1240	400	400	1240	400	400	1240			
HJC26	---	5 <sup>3</sup> / <sub>16</sub>	1	(16) 10d	(12) 10d	---	---	---	1765	2030	1345	465	535	1345	400	400	1345	400	400	1345			
		5 <sup>3</sup> / <sub>16</sub>	1	(16) 16d	(12) 16d	---	---	---	1935	2225	1345	465	535	1345	400	400	1345	400	400	1345			
		5 <sup>3</sup> / <sub>16</sub>	2	(16) 10d	(12) 10d	---	---	---	1765	2030	1345	925	1065	1345	480	550	1345	400	400	1345			
		5 <sup>3</sup> / <sub>16</sub>	2	(16) 16d	(12) 16d	---	---	---	2095	2410	1345	925	1065	1345	480	550	1345	400	400	1345			
HHC26	---	4 <sup>15</sup> / <sub>16</sub>	1	(20) 10d	(10) 10d	---	---	---	2205	2540	1580	440	505	1580	400	400	1580	400	400	1580			
		4 <sup>15</sup> / <sub>16</sub>	1	(20) 16d	(10) 16d	---	---	---	2420	2785	1580	440	505	1580	400	400	1580	400	400	1580			
		4 <sup>15</sup> / <sub>16</sub>	2	(20) 10d	(10) 10d	---	---	---	2205	2540	1580	880	1010	1580	460	530	1580	400	400	1580			
		4 <sup>15</sup> / <sub>16</sub>	2	(20) 16d	(10) 16d	---	---	---	2620	3015	1580	880	1010	1580	460	530	1580	400	400	1580			
HJHC26	---	5 <sup>1</sup> / <sub>16</sub>	1	(20) 10d	(12) 10d	---	---	---	2205	2540	1580	440	505	1580	400	400	1580	400	400	1580			
		5 <sup>1</sup> / <sub>16</sub>	1	(20) 16d	(12) 16d	---	---	---	2420	2785	1580	440	505	1580	400	400	1580	400	400	1580			
		5 <sup>1</sup> / <sub>16</sub>	2	(20) 10d	(12) 10d	---	---	---	2205	2540	1580	880	1010	1580	460	530	1580	400	400	1580			
		5 <sup>1</sup> / <sub>16</sub>	2	(20) 16d	(12) 16d	---	---	---	2620	3015	1580	880	1010	1580	460	530	1580	400	400	1580			
HJC28	---	6 <sup>1</sup> / <sub>4</sub>	1	(20) 10d	(14) 10d	---	---	---	---	---	---	2205	2540	1570	745	860	1570	405	465	1570			
		6 <sup>1</sup> / <sub>4</sub>	1	(20) 16d	(14) 16d	---	---	---	---	---	---	2420	2785	1570	745	860	1570	405	465	1570			
		6 <sup>1</sup> / <sub>4</sub>	2	(20) 10d	(14) 10d	---	---	---	---	---	---	2205	2540	1570	1495	1715	1570	810	930	1570			
		6 <sup>1</sup> / <sub>4</sub>	2	(20) 16d	(14) 16d	---	---	---	---	---	---	2620	3015	1570	1495	1715	1570	810	930	1570			
HHC28	---	6	1	(24) 10d	(12) 10d	---	---	---	---	---	---	2540	2540	1580	700	805	1580	400	445	1580			
		6	1	(24) 16d	(12) 16d	---	---	---	---	---	---	2785	2785	1580	700	805	1580	400	445	1580			
		6	2	(24) 10d	(12) 10d	---	---	---	---	---	---	2540	2540	1580	1400	1610	1580	770	890	1580			
		6	2	(24) 16d	(12) 16d	---	---	---	---	---	---	3015	3015	1580	1400	1610	1580	770	890	1580			
HJHC28	MTHM	6 <sup>1</sup> / <sub>2</sub>	1	(24) 10d	(14) 10d	---	---	---	---	---	---	2540	2540	1580	715	820	1580	400	450	1580			
		6 <sup>1</sup> / <sub>2</sub>	1	(24) 16d	(14) 16d	---	---	---	---	---	---	2785	2785	1580	715	820	1580	400	450	1580			
		6 <sup>1</sup> / <sub>2</sub>	2	(24) 10d	(14) 10d	---	---	---	---	---	---	2540	2540	1580	1430	1645	1580	785	900	1580			
		6 <sup>1</sup> / <sub>2</sub>	2	(24) 16d	(14) 16d	---	---	---	---	---	---	3015	3015	1580	1430	1645	1580	785	900	1580			
<b>Adjustable Slope/Skew Connectors</b>																							
LSSH210 Sloped only	LSSU210	8	1	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	455	520	920	400	400	920		
		8	2	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	905	1040	920	550	635	920	
LSSH210 Sloped & Skewed	LSSU210	8	1	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	455	520	920	400	400	920		
		8	2	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	905	1040	920	550	635	920	
LSSH179 Sloped only	LSSU125	8	1	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	455	520	920	400	400	920		
		8	2	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	905	1040	920	550	635	920	
LSSH179 Sloped & Skewed	LSSU125	8	1	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	455	520	920	400	400	920		
		8	2	(10) 10d	(7) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	905	1040	920	550	635	920	
LSSH31 Sloped only	LSSU210-2	7 <sup>3</sup> / <sub>16</sub>	1	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	495	570	1365	400	400	1365		
		7 <sup>3</sup> / <sub>16</sub>	1	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	495	570	1365	400	400	1365		
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	995	1145	1365	595	685	1365	
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	995	1145	1365	595	685	1365	
LSSH31 Sloped & Skewed	LSSU210-2	7 <sup>3</sup> / <sub>16</sub>	1	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	495	570	1365	400	400	1365		
		7 <sup>3</sup> / <sub>16</sub>	1	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	495	570	1365	400	400	1365		
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	995	1145	1365	595	685	1365	
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	995	1145	1365	595	685	1365	
LSSH35 Sloped Only	LSSU410	7 <sup>3</sup> / <sub>16</sub>	1	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	495	570	1365	400	400	1365		
		7 <sup>3</sup> / <sub>16</sub>	1	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	495	570	1365	400	400	1365		
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	995	1145	1365	595	685	1365	
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	995	1145	1365	595	685	1365	
LSSH35 Sloped & Skewed	LSSU410	7 <sup>3</sup> / <sub>16</sub>	1	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	495	570	1365	400	400	1365		
		7 <sup>3</sup> / <sub>16</sub>	1	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	495	570	1365	400	400	1365		
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 10d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	995	1145	1365	595	685	1365	
		7 <sup>3</sup> / <sub>16</sub>	2	(14) 16d	(12) 10d x 1 1/2	---	---	---	---	---	---	---	---	---	---	---	995	1145	1365	595	685	1365	

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

4) **NAILS:** 10d x 1-1/2" nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.