2.0E BEAM ALLOWABLE UNIFORM LOADS FLOOR 100%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1¾" 2.0E PWLVL

Span (ft)	Key	One 1¾" 2.0E PWLVL							
		3½"	5½"	7¼"	9¼"	9½"	11¼"	11⅞"	14"
6	LL	86	333	762	-	-	-	-	-
	TL	127	497	763	1028	1063	1325	1425	1796
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.9	2.1 / 5.2	2.2 / 5.4	2.7 / 6.7	2.9 / 7.2	3.6 / 9.1
7	LL	54	210	480	-	-	-	-	-
	TL	71	278	636	849	877	1083	1161	1445
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.8	2 / 5	2.1 / 5.2	2.6 / 6.4	2.7 / 6.9	3.4 / 8.5
8	LL		140	322	668	724	-	-	-
	TL		162	374	723	746	916	979	1208
	BRG		1.5 / 3	1.5 / 3	2 / 4.9	2 / 5	2.5 / 6.2	2.6 / 6.6	3.3 / 8.2
9	LL		99	226	469	508	-	-	-
	TL		100	232	629	649	793	846	1038
	BRG		1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 4.9	2.4 / 6	2.6 / 6.4	3.2 / 7.9
10	LL		-	-	342	370	615	724	-
	TL		65	151	509	551	699	745	909
	BRG		1.5 / 3	1.5 / 3	1.7 / 4.3	1.9 / 4.7	2.4 / 5.9	2.5 / 6.3	3.1 / 7.7
11	LL		-	-	257	278	462	544	-
	TL		44	102	381	413	625	665	809
	BRG		1.5 / 3	1.5 / 3	1.5 / 3.6	1.5 / 3.9	2.3 / 5.8	2.5 / 6.2	3 / 7.5
12	LL			-	198	214	356	419	686
	TL			71	293	317	529	586	729
	BRG			1.5 / 3	1.5 / 3	1.5 / 3.2	2.2 / 5.4	2.4 / 6	3 / 7.4
13	LL			-	156	169	280	329	540
	TL			51	229	249	415	489	663
	BRG			1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6	2.2 / 5.4	2.9 / 7.3
14	LL			-	125	135	224	264	432
	TL			37	183	198	331	390	578
	BRG			1.5 / 3	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	2.8 / 6.9
15	LL				101	110	182	214	351
	TL				148	160	268	316	503
	BRG				1.5 / 3	1.5 / 3	1.5 / 3.4	1.6 / 4.1	2.6 / 6.4
16	LL				83	90	150	177	289
	TL				121	131	220	260	428
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.6	2.3 / 5.8
17	LL				70	75	125	147	241
	TL				100	109	183	216	356
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.2	2.1 / 5.2
18	LL				59	64	105	124	203
	TL				84	91	153	181	299
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6
19	LL					54	90	105	173
	TL					77	129	153	253
	BRG					1.5 / 3	1.5 / 3	1.5 / 3	1.7 / 4.1
20	LL						77	90	148
	TL						110	130	216
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.7
21	LL						66	78	128
	TL						95	112	186
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.4
22	LL						58	68	111
	TL						82	97	161
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.1
23	LL							59	97
	TL							84	140
	BRG							1.5 / 3	1.5 / 3
24	LL								86
	TL								122
	BRG								1.5 / 3
25	LL								76
	TL								107
	BRG								1.5 / 3
26	LL								67
	TL								95
	BRG								1.5 / 3
27	LL								60
	TL								84
	BRG								1.5 / 3
28	LL								54
	TL								75
	BRG								1.5 / 3
29	LL								
	TL								
	BRG								
30	LL								
	TL								
	BRG								

* Can be applied to the beam in addition to its own weight.
Simple or multiple beam spans.

2 plies minimum for depths greater than 14 inches.

Wax-based sealer applied to mitigate moisture issues associated with wood products during storage and construction.

Key to Table:

LL = Maximum live load – limits deflection to L/360

TL = Maximum total load – limits deflections to L/240 (or a maximum of 0.3125" for beams 7¼" deep or less)

BRG = Required end / intermediate bearing length (inches), based on bearing stress of 850 psi.

2.0E BEAM ALLOWABLE UNIFORM LOADS FLOOR 100%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1¾" 2.0E PWLVL

Span (ft)	Key	Two 1¾" 2.0E PWLVL												
		3½"	5½"	7¼"	9¼"	9½"	11¼"	11⅞"	14"	16"	18"	20"	22"	24"
6	LL	172	666	1525	-	-	-	-	-	-	-	-	-	-
	TL	254	993	1526	2056	2127	2650	2850	3591	4388	5304	6366	7613	8997
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.9	2.1 / 5.2	2.2 / 5.4	2.7 / 6.7	2.9 / 7.2	3.6 / 9.1	4.4 / 11.1	5.4 / 13.4	6.4 / 16.1	7.7 / 19.2	9.1 / 22.7
7	LL	108	419	960	-	-	-	-	-	-	-	-	-	-
	TL	141	556	1272	1698	1754	2166	2322	2889	3484	4147	4893	5736	6634
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.8	2 / 5	2.1 / 5.2	2.6 / 6.4	2.7 / 6.9	3.4 / 8.5	4.1 / 10.3	4.9 / 12.2	5.8 / 14.4	6.8 / 16.9	7.8 / 19.6
8	LL		281	643	1336	1447	-	-	-	-	-	-	-	-
	TL		324	747	1446	1493	1831	1958	2416	2887	3404	3972	4600	5252
	BRG		1.5 / 3	1.5 / 3	2 / 4.9	2 / 5	2.5 / 6.2	2.6 / 6.6	3.3 / 8.2	3.9 / 9.8	4.6 / 11.5	5.4 / 13.4	6.2 / 15.5	7.1 / 17.7
9	LL		197	452	938	1016	-	-	-	-	-	-	-	-
	TL		200	464	1259	1298	1586	1693	2075	2465	2885	3342	3838	4346
	BRG		1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 4.9	2.4 / 6	2.6 / 6.4	3.2 / 7.9	3.8 / 9.4	4.4 / 11	5.1 / 12.7	5.8 / 14.6	6.6 / 16.5
10	LL		-	-	684	741	1230	1447	-	-	-	-	-	-
	TL		130	302	1018	1103	1398	1490	1819	2150	2504	2884	3292	3705
	BRG		1.5 / 3	1.5 / 3	1.7 / 4.3	1.9 / 4.7	2.4 / 5.9	2.5 / 6.3	3.1 / 7.7	3.6 / 9.1	4.2 / 10.6	4.9 / 12.2	5.6 / 13.9	6.3 / 15.7
11	LL		-	-	514	557	924	1087	-	-	-	-	-	-
	TL		87	204	762	826	1250	1331	1618	1905	2211	2535	2882	3228
	BRG		1.5 / 3	1.5 / 3	1.5 / 3.6	1.5 / 3.9	2.3 / 5.8	2.5 / 6.2	3 / 7.5	3.5 / 8.9	4.1 / 10.3	4.7 / 11.8	5.4 / 13.4	6 / 15
12	LL			-	396	429	712	837	1372	-	-	-	-	-
	TL			142	585	635	1058	1172	1457	1711	1979	2262	2562	2860
	BRG			1.5 / 3	1.5 / 3	1.5 / 3.2	2.2 / 5.4	2.4 / 6	3 / 7.4	3.5 / 8.7	4 / 10.1	4.6 / 11.5	5.2 / 13	5.8 / 14.5
13	LL			-	311	337	560	659	1079	-	-	-	-	-
	TL			102	459	497	830	977	1325	1552	1790	2041	2305	2566
	BRG			1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6	2.2 / 5.4	2.9 / 7.3	3.4 / 8.6	3.9 / 9.9	4.5 / 11.2	5.1 / 12.7	5.7 / 14.1
14	LL			-	249	270	448	527	864	1290	-	-	-	-
	TL			74	365	396	662	780	1156	1420	1635	1859	2095	2327
	BRG			1.5 / 3	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	2.8 / 6.9	3.4 / 8.4	3.9 / 9.7	4.4 / 11	5 / 12.4	5.5 / 13.8
15	LL				203	220	365	429	703	1049	1493	-	-	-
	TL				296	321	537	632	1006	1280	1504	1707	1920	2128
	BRG				1.5 / 3	1.5 / 3	1.5 / 3.4	1.6 / 4.1	2.6 / 6.4	3.3 / 8.2	3.8 / 9.6	4.3 / 10.9	4.9 / 12.2	5.4 / 13.5
16	LL				167	181	300	353	579	864	1230	-	-	-
	TL				242	263	440	519	856	1124	1391	1578	1771	1960
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.6	2.3 / 5.8	3.1 / 7.7	3.8 / 9.5	4.3 / 10.7	4.8 / 12	5.3 / 13.3
17	LL				139	151	250	295	483	720	1026	1407	-	-
	TL				200	218	365	431	711	994	1230	1466	1644	1817
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.2	2.1 / 5.2	2.9 / 7.2	3.6 / 8.9	4.2 / 10.6	4.8 / 11.9	5.3 / 13.1
18	LL				117	127	211	248	407	607	864	1185	-	-
	TL				168	182	306	361	597	885	1095	1326	1534	1693
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6	2.7 / 6.8	3.4 / 8.4	4.1 / 10.2	4.7 / 11.8	5.2 / 13
19	LL					108	179	211	346	516	735	1008	1342	-
	TL					153	259	306	506	760	981	1188	1412	1584
	BRG					1.5 / 3	1.5 / 3	1.5 / 3	1.7 / 4.1	2.5 / 6.2	3.2 / 8	3.9 / 9.6	4.6 / 11.4	5.1 / 12.8
20	LL						154	181	296	442	630	864	1150	1470
	TL						220	261	432	649	884	1070	1272	1475
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.7	2.2 / 5.6	3 / 7.6	3.7 / 9.1	4.3 / 10.9	5 / 12.6
21	LL						133	156	256	382	544	747	994	1270
	TL						189	224	371	559	800	969	1152	1336
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.4	2 / 5.1	2.9 / 7.2	3.5 / 8.7	4.1 / 10.3	4.8 / 12
22	LL						116	136	223	332	473	649	864	1105
	TL						163	193	321	484	694	881	1048	1216
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.1	1.8 / 4.6	2.6 / 6.6	3.3 / 8.3	3.9 / 9.9	4.6 / 11.4
23	LL							119	195	291	414	568	756	967
	TL							168	280	422	605	805	957	1110
	BRG							1.5 / 3	1.5 / 3	1.7 / 4.2	2.4 / 6	3.2 / 8	3.8 / 9.4	4.4 / 10.9
24	LL								172	256	365	500	666	851
	TL								245	370	530	732	877	1018
	BRG								1.5 / 3	1.5 / 3.9	2.2 / 5.5	3 / 7.6	3.6 / 9	4.2 / 10.5
25	LL								152	227	323	442	589	753
	TL								215	325	467	646	807	936
	BRG								1.5 / 3	1.5 / 3.6	2 / 5.1	2.8 / 7	3.5 / 8.7	4 / 10.1
26	LL								135	201	287	393	524	669
	TL								190	288	414	572	745	864
	BRG								1.5 / 3	1.5 / 3.3	1.9 / 4.7	2.6 / 6.4	3.3 / 8.4	3.9 / 9.7
27	LL								120	180	256	351	468	598
	TL								168	255	368	509	681	800
	BRG								1.5 / 3	1.5 / 3.1	1.7 / 4.4	2.4 / 6	3.2 / 8	3.7 / 9.3
28	LL								108	161	230	315	419	536
	TL								149	227	328	454	609	742
	BRG								1.5 / 3	1.5 / 3	1.6 / 4.1	2.2 / 5.6	3 / 7.4	3.6 / 9
29	LL									145	207	283	377	482
	TL									203	294	407	546	690
	BRG									1.5 / 3	1.5 / 3.8	2.1 / 5.2	2.8 / 6.9	3.5 / 8.7
30	LL									131	187	256	341	436
	TL									182	264	366	491	632
	BRG									1.5 / 3	1.5 / 3.5	1.9 / 4.8	2.6 / 6.4	3.3 / 8.2

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans.

Key to Table:

LL = Maximum live load – limits deflection to L/360
TL = Maximum total load – limits deflections to L/240 (or a maximum of 0.3125" for beams 7¼" deep or less)
BRG = Required end / intermediate bearing length (inches), based on bearing stress of 850 psi.

2.0E BEAM ALLOWABLE UNIFORM LOADS FLOOR 100%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1¾" 2.0E PWLVL

Span (ft)	Key	Three 1¾" 2.0E PWLVL												
		3½"	5½"	7¼"	9¼"	9½"	11¼"	11⅞"	14"	16"	18"	20"	22"	24"
6	LL	257	998	2287	-	-	-	-	-	-	-	-	-	-
	TL	381	1490	2289	3085	3190	3975	4275	5387	6582	7955	9549	11420	13496
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.9	2.1 / 5.2	2.2 / 5.4	2.7 / 6.7	2.9 / 7.2	3.6 / 9.1	4.4 / 11.1	5.4 / 13.4	6.4 / 16.1	7.7 / 19.2	9.1 / 22.7
7	LL	162	629	1440	-	-	-	-	-	-	-	-	-	-
	TL	212	835	1908	2547	2632	3249	3483	4334	5225	6221	7339	8604	9951
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.8	2 / 5	2.1 / 5.2	2.6 / 6.4	2.7 / 6.9	3.4 / 8.5	4.1 / 10.3	4.9 / 12.2	5.8 / 14.4	6.8 / 16.9	7.8 / 19.6
8	LL		421	965	2004	2171	-	-	-	-	-	-	-	-
	TL		486	1121	2169	2239	2747	2937	3624	4331	5105	5958	6900	7878
	BRG		1.5 / 3	1.5 / 3	2 / 4.9	2 / 5	2.5 / 6.2	2.6 / 6.6	3.3 / 8.2	3.9 / 9.8	4.6 / 11.5	5.4 / 13.4	6.2 / 15.5	7.1 / 17.7
9	LL		296	678	1407	1525	-	-	-	-	-	-	-	-
	TL		301	696	1888	1948	2379	2539	3113	3697	4328	5013	5758	6518
	BRG		1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 4.9	2.4 / 6	2.6 / 6.4	3.2 / 7.9	3.8 / 9.4	4.4 / 11	5.1 / 12.7	5.8 / 14.6	6.6 / 16.5
10	LL		-	-	1026	1111	1846	2171	-	-	-	-	-	-
	TL		195	453	1526	1654	2097	2236	2728	3224	3755	4325	4939	5557
	BRG		1.5 / 3	1.5 / 3	1.7 / 4.3	1.9 / 4.7	2.4 / 5.9	2.5 / 6.3	3.1 / 7.7	3.6 / 9.1	4.2 / 10.6	4.9 / 12.2	5.6 / 13.9	6.3 / 15.7
11	LL		-	-	771	835	1387	1631	-	-	-	-	-	-
	TL		131	306	1144	1240	1875	1996	2427	2858	3316	3803	4323	4842
	BRG		1.5 / 3	1.5 / 3	1.5 / 3.6	1.5 / 3.9	2.3 / 5.8	2.5 / 6.2	3 / 7.5	3.5 / 8.9	4.1 / 10.3	4.7 / 11.8	5.4 / 13.4	6 / 15
12	LL			-	594	643	1068	1256	2058	-	-	-	-	-
	TL			213	878	952	1587	1758	2186	2566	2968	3393	3843	4289
	BRG			1.5 / 3	1.5 / 3	1.5 / 3.2	2.2 / 5.4	2.4 / 6	3 / 7.4	3.5 / 8.7	4 / 10.1	4.6 / 11.5	5.2 / 13	5.8 / 14.5
13	LL			-	467	506	840	988	1619	-	-	-	-	-
	TL			152	688	746	1245	1466	1988	2328	2686	3062	3458	3849
	BRG			1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6	2.2 / 5.4	2.9 / 7.3	3.4 / 8.6	3.9 / 9.9	4.5 / 11.2	5.1 / 12.7	5.7 / 14.1
14	LL			-	374	405	673	791	1296	1935	-	-	-	-
	TL			111	548	595	994	1170	1734	2130	2452	2789	3143	3490
	BRG			1.5 / 3	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	2.8 / 6.9	3.4 / 8.4	3.9 / 9.7	4.4 / 11	5 / 12.4	5.5 / 13.8
15	LL				304	329	547	643	1054	1573	2240	-	-	-
	TL				443	481	805	949	1508	1921	2255	2561	2880	3192
	BRG				1.5 / 3	1.5 / 3	1.5 / 3.4	1.6 / 4.1	2.6 / 6.4	3.3 / 8.2	3.8 / 9.6	4.3 / 10.9	4.9 / 12.2	5.4 / 13.5
16	LL				250	271	451	530	868	1296	1846	-	-	-
	TL				363	394	661	779	1284	1685	2086	2367	2657	2940
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.6	2.3 / 5.8	3.1 / 7.7	3.8 / 9.5	4.3 / 10.7	4.8 / 12	5.3 / 13.3
17	LL				209	226	376	442	724	1081	1539	2111	-	-
	TL				301	326	548	647	1067	1490	1845	2200	2466	2725
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.2	2.1 / 5.2	2.9 / 7.2	3.6 / 8.9	4.2 / 10.6	4.8 / 11.9	5.3 / 13.1
18	LL				176	191	316	372	610	910	1296	1778	-	-
	TL				251	273	459	542	896	1327	1643	1988	2300	2539
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6	2.7 / 6.8	3.4 / 8.4	4.1 / 10.2	4.7 / 11.8	5.2 / 13
19	LL					162	269	316	519	774	1102	1512	2012	-
	TL					230	388	459	759	1139	1472	1782	2118	2377
	BRG					1.5 / 3	1.5 / 3	1.5 / 3	1.7 / 4.1	2.5 / 6.2	3.2 / 8	3.9 / 9.6	4.6 / 11.4	5.1 / 12.8
20	LL						231	271	445	664	945	1296	1725	2205
	TL						331	391	648	974	1326	1605	1908	2213
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.7	2.2 / 5.6	3 / 7.6	3.7 / 9.1	4.3 / 10.9	5 / 12.6
21	LL						199	234	384	573	816	1120	1490	1905
	TL						284	335	557	838	1200	1454	1728	2004
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.4	2 / 5.1	2.9 / 7.2	3.5 / 8.7	4.1 / 10.3	4.8 / 12
22	LL						173	204	334	499	710	974	1296	1657
	TL						245	290	482	726	1040	1322	1572	1823
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.1	1.8 / 4.6	2.6 / 6.6	3.3 / 8.3	3.9 / 9.9	4.6 / 11.4
23	LL							178	292	436	621	852	1134	1450
	TL							251	419	633	907	1207	1436	1665
	BRG							1.5 / 3	1.5 / 3	1.7 / 4.2	2.4 / 6	3.2 / 8	3.8 / 9.4	4.4 / 10.9
24	LL								257	384	547	750	998	1276
	TL								367	554	796	1098	1316	1527
	BRG								1.5 / 3	1.5 / 3.9	2.2 / 5.5	3 / 7.6	3.6 / 9	4.2 / 10.5
25	LL								228	340	484	664	883	1129
	TL								322	488	701	968	1210	1405
	BRG								1.5 / 3	1.5 / 3.6	2 / 5.1	2.8 / 7	3.5 / 8.7	4 / 10.1
26	LL								202	302	430	590	785	1004
	TL								284	431	621	858	1117	1296
	BRG								1.5 / 3	1.5 / 3.3	1.9 / 4.7	2.6 / 6.4	3.3 / 8.4	3.9 / 9.7
27	LL								181	270	384	527	701	896
	TL								252	383	552	763	1022	1200
	BRG								1.5 / 3	1.5 / 3.1	1.7 / 4.4	2.4 / 6	3.2 / 8	3.7 / 9.3
28	LL								162	242	344	472	629	804
	TL								224	341	492	681	913	1113
	BRG								1.5 / 3	1.5 / 3	1.6 / 4.1	2.2 / 5.6	3 / 7.4	3.6 / 9
29	LL									218	310	425	566	723
	TL									305	440	611	819	1036
	BRG									1.5 / 3	1.5 / 3.8	2.1 / 5.2	2.8 / 6.9	3.5 / 8.7
30	LL									197	280	384	511	653
	TL									273	395	549	737	947
	BRG									1.5 / 3	1.5 / 3.5	1.9 / 4.8	2.6 / 6.4	3.3 / 8.2

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans.

Key to Table:

LL = Maximum live load – limits deflection to L/360
TL = Maximum total load – limits deflections to L/240 (or a maximum of 0.3125" for beams 7¼" deep or less)
BRG = Required end / intermediate bearing length (inches), based on bearing stress of 850 psi.

2.0E BEAM ALLOWABLE UNIFORM LOADS FLOOR 100%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1¾" 2.0E PWLVL

Span (ft)	Key	Four 1¾" 2.0E PWLVL												
		3½"	5½"	7¼"	9¼"	9½"	11¼"	11⅞"	14"	16"	18"	20"	22"	24"
6	LL	343	1331	3049	-	-	-	-	-	-	-	-	-	-
	TL	508	1987	3052	4113	4254	5300	5700	7182	8776	10607	12732	15226	17994
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.9	2.1 / 5.2	2.2 / 5.4	2.7 / 6.7	2.9 / 7.2	3.6 / 9.1	4.4 / 11.1	5.4 / 13.4	6.4 / 16.1	7.7 / 19.2	9.1 / 22.7
7	LL	216	838	1920	-	-	-	-	-	-	-	-	-	-
	TL	283	1113	2544	3397	3509	4332	4644	5778	6967	8294	9785	11472	13268
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.8	2 / 5	2.1 / 5.2	2.6 / 6.4	2.7 / 6.9	3.4 / 8.5	4.1 / 10.3	4.9 / 12.2	5.8 / 14.4	6.8 / 16.9	7.8 / 19.6
8	LL		562	1286	2672	2894	-	-	-	-	-	-	-	-
	TL		648	1494	2892	2985	3663	3917	4832	5775	6807	7944	9200	10505
	BRG		1.5 / 3	1.5 / 3	2 / 4.9	2 / 5	2.5 / 6.2	2.6 / 6.6	3.3 / 8.2	3.9 / 9.8	4.6 / 11.5	5.4 / 13.4	6.2 / 15.5	7.1 / 17.7
9	LL		394	904	1876	2033	-	-	-	-	-	-	-	-
	TL		401	928	2518	2597	3172	3386	4151	4929	5771	6684	7677	8691
	BRG		1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 4.9	2.4 / 6	2.6 / 6.4	3.2 / 7.9	3.8 / 9.4	4.4 / 11	5.1 / 12.7	5.8 / 14.6	6.6 / 16.5
10	LL		-	-	1368	1482	2461	2894	-	-	-	-	-	-
	TL		260	604	2035	2206	2796	2981	3637	4299	5007	5767	6585	7410
	BRG		1.5 / 3	1.5 / 3	1.7 / 4.3	1.9 / 4.7	2.4 / 5.9	2.5 / 6.3	3.1 / 7.7	3.6 / 9.1	4.2 / 10.6	4.9 / 12.2	5.6 / 13.9	6.3 / 15.7
11	LL		-	-	1028	1113	1849	2175	-	-	-	-	-	-
	TL		174	409	1525	1653	2500	2662	3236	3811	4421	5071	5764	6456
	BRG		1.5 / 3	1.5 / 3	1.5 / 3.6	1.5 / 3.9	2.3 / 5.8	2.5 / 6.2	3 / 7.5	3.5 / 8.9	4.1 / 10.3	4.7 / 11.8	5.4 / 13.4	6 / 15
12	LL			-	792	858	1424	1675	2745	-	-	-	-	-
	TL			285	1171	1269	2116	2345	2915	3422	3957	4524	5124	5719
	BRG			1.5 / 3	1.5 / 3	1.5 / 3.2	2.2 / 5.4	2.4 / 6	3 / 7.4	3.5 / 8.7	4 / 10.1	4.6 / 11.5	5.2 / 13	5.8 / 14.5
13	LL			-	623	675	1120	1317	2159	-	-	-	-	-
	TL			203	917	994	1660	1954	2650	3104	3581	4082	4611	5132
	BRG			1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6	2.2 / 5.4	2.9 / 7.3	3.4 / 8.6	3.9 / 9.9	4.5 / 11.2	5.1 / 12.7	5.7 / 14.1
14	LL			-	499	540	897	1055	1728	2580	-	-	-	-
	TL			148	731	793	1325	1561	2312	2840	3269	3719	4190	4654
	BRG			1.5 / 3	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	2.8 / 6.9	3.4 / 8.4	3.9 / 9.7	4.4 / 11	5 / 12.4	5.5 / 13.8
15	LL				405	439	729	858	1405	2098	2987	-	-	-
	TL				591	641	1073	1265	2011	2561	3007	3414	3840	4256
	BRG				1.5 / 3	1.5 / 3	1.5 / 3.4	1.6 / 4.1	2.6 / 6.4	3.3 / 8.2	3.8 / 9.6	4.3 / 10.9	4.9 / 12.2	5.4 / 13.5
16	LL				334	362	601	707	1158	1728	2461	-	-	-
	TL				484	525	881	1038	1711	2247	2781	3156	3543	3921
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.6	2.3 / 5.8	3.1 / 7.7	3.8 / 9.5	4.3 / 10.7	4.8 / 12	5.3 / 13.3
17	LL				278	302	501	589	965	1441	2052	2814	-	-
	TL				401	435	731	862	1423	1987	2460	2933	3288	3634
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.2	2.1 / 5.2	2.9 / 7.2	3.6 / 8.9	4.2 / 10.6	4.8 / 11.9	5.3 / 13.1
18	LL				235	254	422	496	813	1214	1728	2371	-	-
	TL				335	364	613	723	1194	1769	2191	2651	3067	3386
	BRG				1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6	2.7 / 6.8	3.4 / 8.4	4.1 / 10.2	4.7 / 11.8	5.2 / 13
19	LL					216	359	422	691	1032	1470	2016	2683	-
	TL					307	518	611	1012	1519	1963	2376	2824	3169
	BRG					1.5 / 3	1.5 / 3	1.5 / 3	1.7 / 4.1	2.5 / 6.2	3.2 / 8	3.9 / 9.6	4.6 / 11.4	5.1 / 12.8
20	LL						308	362	593	885	1260	1728	2300	2940
	TL						441	521	864	1298	1768	2141	2544	2951
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.7	2.2 / 5.6	3 / 7.6	3.7 / 9.1	4.3 / 10.9	5 / 12.6
21	LL						266	313	512	764	1088	1493	1987	2540
	TL						378	447	743	1118	1600	1938	2304	2672
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.4	2 / 5.1	2.9 / 7.2	3.5 / 8.7	4.1 / 10.3	4.8 / 12
22	LL						231	272	445	665	947	1299	1728	2209
	TL						326	386	643	968	1387	1763	2096	2431
	BRG						1.5 / 3	1.5 / 3	1.5 / 3.1	1.8 / 4.6	2.6 / 6.6	3.3 / 8.3	3.9 / 9.9	4.6 / 11.4
23	LL							238	390	582	828	1136	1513	1933
	TL							335	559	844	1210	1610	1914	2221
	BRG							1.5 / 3	1.5 / 3	1.7 / 4.2	2.4 / 6	3.2 / 8	3.8 / 9.4	4.4 / 10.9
24	LL								343	512	729	1000	1331	1702
	TL								489	739	1061	1464	1755	2036
	BRG								1.5 / 3	1.5 / 3.9	2.2 / 5.5	3 / 7.6	3.6 / 9	4.2 / 10.5
25	LL								304	453	645	885	1178	1505
	TL								430	651	935	1291	1614	1873
	BRG								1.5 / 3	1.5 / 3.6	2 / 5.1	2.8 / 7	3.5 / 8.7	4 / 10.1
26	LL								270	403	574	787	1047	1338
	TL								379	575	828	1144	1489	1728
	BRG								1.5 / 3	1.5 / 3.3	1.9 / 4.7	2.6 / 6.4	3.3 / 8.4	3.9 / 9.7
27	LL								241	360	512	702	935	1195
	TL								336	510	735	1017	1363	1600
	BRG								1.5 / 3	1.5 / 3.1	1.7 / 4.4	2.4 / 6	3.2 / 8	3.7 / 9.3
28	LL								216	322	459	630	838	1072
	TL								299	455	656	908	1218	1484
	BRG								1.5 / 3	1.5 / 3	1.6 / 4.1	2.2 / 5.6	3 / 7.4	3.6 / 9
29	LL									290	413	567	755	964
	TL									406	587	814	1092	1381
	BRG									1.5 / 3	1.5 / 3.8	2.1 / 5.2	2.8 / 6.9	3.5 / 8.7
30	LL									262	373	512	682	871
	TL									364	527	732	982	1263
	BRG									1.5 / 3	1.5 / 3.5	1.9 / 4.8	2.6 / 6.4	3.3 / 8.2

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans.

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