

2400F V5 Balanced Design and Load Tables

24F Design Properties

** Flexural Stress, F_b , shall be modified by volume Factor, C_v , as outlined in ICC ESR-1940, and APA Y117 Design where;
 $C_v = [(5.125/b)^{0.05} \times (12/d)^{0.05} \times (21/L)^{0.05}] < 1.0$

24F - V5 M1 - 1.8E - Stock Depth

3 1/8" Beam Width ($F_v=300$)

Depth	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8
Weight	6.8	7.9	9.1	10.2	11.3	12.5	13.6	14.7
C_{fb} factor (L=21')	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
I (in ⁴)	146	232	347	494	677	901	1170	1487
Moment Capacity (Ft-lbs)	7090	9650	12604	15952	19694	23830	28359	33283
Shear Capacity (lbs)	5156	6016	6875	7734	8594	9453	10313	11172

5 1/8" Beam Width ($F_v=300$)

Depth	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8
Weight	14.9	16.7	18.6	20.5	22.3	24.2	26.0	27.9	29.8	31.6
C_{fb} factor (L=21')	1.00	0.998	0.993	0.988	0.984	0.980	0.977	0.973	0.970	0.967
I (in ⁴)	568	809	1110	1478	1919	2439	3047	3747	4548	5455
Moment Capacity (Ft-lbs)	20671	26162	32298	39081	46509	54584	63304	72671	82683	93342
Shear Capacity (lbs)	11275	12684	14094	15503	16913	18322	19731	21141	22550	23959

6 3/4" Beam Width ($F_v=300$)

Depth	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
Weight	14.7	17.1	19.6	22.0	24.5	26.9	29.4	31.8	34.3	36.7	39.2	41.6	44.1	46.5	49.0	51.4
C_{fb} factor (L=21')	1.00	0.997	0.991	0.985	0.980	0.975	0.971	0.967	0.963	0.960	0.957	0.954	0.951	0.949	0.946	0.944
I (in ⁴)	316	502	749	1066	1462	1946	2527	3213	4012	4935	5990	7184	8528	10030	11698	13542
Moment Capacity (Ft-lbs)	15314	20844	27225	34457	42539	51472	61256	71891	83377	95713	108900	122938	137827	153566	170156	187597
Shear Capacity (lbs)	11138	12994	14850	16706	18563	20419	22275	24131	25988	27844	29700	31556	33413	35269	37125	38981

8 3/4" Beam Width ($F_v=300$)

Depth	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
Weight	19	22	25	29	32	35	38	41	44	48	51	54	57	60	63	67
C_{fb} factor (L=21')	0.992	0.984	0.972	0.962	0.967	0.962	0.958	0.954	0.951	0.948	0.945	0.942	0.939	0.936	0.934	0.932
I (in ⁴)	409	650	971	1382	1896	2523	3276	4165	5201	6397	7764	9313	11055	13002	15164	17555
Moment Capacity (Ft-lbs)	19852	27020	35292	44666	55143	66723	79406	93192	108081	124072	141167	159364	178664	199067	220573	243182
Shear Capacity (lbs)	14438	16844	19260	21656	24063	26469	28875	31281	33688	36094	38500	40906	43313	45719	48125	50531

10 3/4" Beam Width ($F_v=300$)

Depth	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
Weight	23	27	31	35	39	43	47	51	55	59	62	66	70	74	78	82
C_{fb} factor (L=21')	0.982	0.974	0.968	0.962	0.957	0.953	0.948	0.945	0.941	0.938	0.935	0.932	0.929	0.927	0.924	0.922
I (in ⁴)	503	799	1192	1698	2329	3100	4024	5116	6390	7660	9539	11441	13582	15973	18631	21567
Moment Capacity (Ft-lbs)	24389	33196	43358	54875	67747	81974	97556	114493	132785	152432	173433	195790	219502	244568	270990	298766
Shear Capacity (lbs)	17738	20694	23650	26606	29563	32519	35475	38431	41388	44344	47300	50256	53213	56169	59125	62081

Design Values

Combination	24F-V5 M1
MOE	1.8×10^6 psi
F_b	2400 psi
F_v	300 psi
$F_{c\perp}$	740 psi

24F V5 M1 1.8E Stock Depth

Allowable Floor Load Tables LDF=1.00

Key - for each clear span there are three numbers:

Row 1: Maximum Total Load with LDF of 1.0, and deflection limited to L/240

Row 2: Maximum Live Load limited by deflection of L/360

Row 3: Required Bearing Length in trimmer thickness
(e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Anthony Glulam in Pounds per Linear Foot

Single Span (ft)	3 1/8" Width								5 1/8" Width									
	Depth (in.)								Depth (in.)									
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8
6	1569	2136	2792	3534	4365	5283	6288	7381	4578	5796	7158	8664	10313	12105	14041	16120	18344	20710
	1569	2136	2792	3534	4365	5283	6288	7381	4578	5796	7158	8664	10313	12105	14041	16120	18344	20710
	3	3	4.5	6	7.5	9	10.5	12	4.5	6	7.5	9	10.5	12	13.5	16.5	18	21
7	1151	1567	2049	2594	3204	3878	4616	5419	3360	4254	5254	6360	7570	8887	10309	11836	13469	15207
	1137	1567	2049	2594	3204	3878	4616	5419	3360	4254	5254	6360	7570	8887	10309	11836	13469	15207
	3	3	4.5	6	7.5	9	10.5	10.5	4.5	4.5	6	7.5	9	10.5	12	13.5	15	16.5
8	879	1198	1566	1984	2450	2966	3531	4145	2569	3253	4018	4864	5791	6798	7886	9055	10305	11635
	762	1198	1566	1984	2450	2966	3531	4145	2569	3253	4018	4864	5791	6798	7886	9055	10305	11635
	3	3	3	4.5	4.5	6	7.5	9	3	4.5	4.5	6	7.5	9	10.5	12	13.5	15
9	693	945	1236	1565	1933	2341	2787	3272	2026	2567	3171	3839	4571	5366	6226	7149	8136	9186
	535	849	1236	1565	1933	2341	2787	3272	2026	2567	3171	3839	4571	5366	6226	7149	8136	9186
	1.5	3	3	4.5	4.5	6	6	7.5	3	4.5	4.5	6	6	7.5	9	10.5	12	13.5
10	560	764	999	1266	1564	1894	2255	2648	1638	2076	2565	3105	3698	4342	5038	5785	6584	7435
	390	619	924	1266	1564	1894	2255	2648	1516	2076	2565	3105	3698	4342	5038	5785	6584	7435
	1.5	3	3	3	4.5	4.5	6	7.5	3	3	4.5	4.5	6	7.5	7.5	9	10.5	12
11	432	630	824	1044	1290	1563	1861	2185	1351	1713	2116	2563	3052	3584	4159	4776	5436	6133
	293	465	694	989	1290	1563	1861	2185	1139	1622	2116	2563	3052	3584	4159	4776	5436	6133
	1.5	3	3	3	4.5	4.5	6	6	3	3	4.5	4.5	6	6	7.5	7.5	9	10.5
12	332	528	691	876	1082	1311	1562	1834	1133	1436	1775	2150	2561	3008	3490	4009	4552	5126
	226	358	535	762	1045	1311	1562	1834	877	1249	1713	2150	2561	3008	3490	4009	4552	5126
	1.5	1.5	3	3	3	4.5	4.5	6	3	3	3	4.5	4.5	6	6	7.5	9	9
13	259	415	587	745	921	1115	1328	1560	963	1221	1510	1829	2179	2559	2970	3401	3859	4345
	177	282	421	599	822	1094	1328	1560	690	982	1348	1794	2179	2559	2970	3401	3859	4345
	1.5	1.5	3	3	3	4.5	4.5	6	3	3	3	4.5	4.5	6	6	7.5	7.5	9
14	206	330	496	641	792	960	1144	1343	813	1051	1299	1574	1875	2203	2548	2917	3311	3728
	142	226	337	480	658	876	1137	1343	552	787	1079	1436	1864	2203	2548	2917	3311	3728
	1.5	1.5	3	3	3	4.5	4.5	4.5	3	3	3	4.5	4.5	6	6	7.5	7.5	7.5
15	166	267	401	557	689	834	994	1168	658	913	1129	1369	1631	1910	2209	2529	2870	3232
	116	183	274	390	535	712	924	1168	449	640	877	1168	1516	1910	2209	2529	2870	3232
	1.5	1.5	1.5	3	3	3	4.5	4.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5
16	136	219	329	471	604	732	872	1025	540	773	990	1200	1427	1670	1932	2212	2510	2827
	95	151	226	321	441	587	762	968	370	527	723	962	1249	1588	1932	2212	2510	2827
	1.5	1.5	1.5	3	3	3	4.5	4.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5
17	112	181	273	391	534	647	771	906	448	642	875	1060	1258	1472	1703	1950	2214	2493
	79	126	188	268	367	489	635	807	309	439	603	802	1041	1324	1654	1950	2214	2493
	1.5	1.5	1.5	1.5	3	3	3	4.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6
18	93	151	228	328	453	576	686	807	375	538	742	940	1116	1307	1512	1731	1965	2214
	67	106	158	226	310	412	535	680	260	370	508	676	877	1115	1393	1713	1965	2214
	1.5	1.5	1.5	1.5	3	3	3	4.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6
19	78	127	193	277	383	513	614	722	316	455	628	839	997	1167	1350	1547	1756	1978
	57	90	135	192	263	350	455	578	221	315	432	575	746	948	1184	1457	1756	1978
	1.5	1.5	1.5	1.5	3	3	3	4.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6
20	66	108	164	236	327	438	553	651	269	388	536	718	895	1048	1213	1389	1578	1778
	49	77	116	165	226	300	390	496	189	270	370	493	640	813	1016	1249	1516	1778
	1.5	1.5	1.5	1.5	1.5	3	3	3	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6
21	56	92	140	203	281	376	491	589	230	332	460	617	806	946	1095	1254	1425	1605
	42	67	100	142	195	259	337	428	164	233	320	426	552	702	877	1079	1309	1571
	1.5	1.5	1.5	1.5	1.5	3	3	3	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6
22	48	79	121	175	243	326	425	535	198	287	398	534	698	858	993	1138	1292	1456
	37	58	87	124	170	226	293	372	142	203	278	370	480	611	763	938	1139	1366
	1.5	1.5	1.5	1.5	1.5	3	3	3	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	4.5
23	41	68	105	152	211	283	371	474	172	249	346	465	608	777	904	1036	1177	1327
	32	51	76	108	148	197	256	326	125	177	243	324	420	535	668	821	997	1196
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	4.5	4.5	4.5	4.5
24	35	59	91	132	184	248	325	415	149	217	302	407	532	681	826	947	1076	1213
	28	45	67	95	131	174	226	287	110	156	214	285	370	471	588	723	877	1052
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	4.5	4.5	4.5	4.5
25	30	51	79	116	162	218	286	366	130	190	265	357	468	600	753	869	987	1113
	25	40	59	84	116	154	200	254	97	138	189	252	327	416	520	640	776	931
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
26	26	45	70	102	142	192	252	323	114	167	234	315	414	530	667	800	909	1025
	22	35	53	75	103	137	177	226	86	123	168	224	291	370	462	569	690	828
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
27	23	39	61	90	126	170	224	287	100	147	207	279	367	471	592	733	839	946
	20	31	47	67	92	122	158	202	77	110	150	200	260	330	413	508	616	739
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
28	20	34	54	79	112	151	199	256	88	130	183	248	327	420	528	654	776	876
	18	28	42	60	82	109	142	181	69	98	135	180	233	296	370	455	552	663
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
29	17	30	48	70	99	135	178	229	78	116	163	221	292	375	473	586	715	813
	16	25	38	54	74	99	128	163	62	88	121	162	210	267	333	410	497	596
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5
30	15	26	42	63	89	121	159	205	69	103	145	198	261	337	425	526	643	756
	14	23	34	49	67	89	116	147	56	80	110	146	189	241	301	370	449	539
	1.5	1.5</																

24F V5 M1 1.8E Stock Depth

Allowable Roof Load Tables LDF=1.15

Key - for each clear span there are three numbers:
 Row 1: Maximum Total Load with LDF of 1.15, and deflection limited to L/180
 Row 2: Maximum Live Load limited by deflection of L/240
 Row 3: Required Bearing Length in trimmer thickness
 (e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Anthony Glulam in Pounds per Linear Foot

Single Span (ft)	3 1/8" Width							5 1/8" Width										
	Depth (in.)							Depth (in.)										
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8
6	1805	2458	3212	4066	5021	6077	7233	8490	5267	6669	8235	9966	11863	13924	16151	18543	21100	23822
	1805	2458	3212	4066	5021	6077	7233	8490	5267	6669	8235	9966	11863	13924	16151	18543	21100	23822
	3	4.5	4.5	6	7.5	9	12	13.5	4.5	6	7.5	9	12	13.5	16.5	18	21	24
7	1324	1804	2357	2985	3686	4461	5311	6234	3866	4895	6045	7317	8709	10224	11859	13616	15494	17493
	1324	1804	2357	2985	3686	4461	5311	6234	3866	4895	6045	7317	8709	10224	11859	13616	15494	17493
	3	3	4.5	6	6	7.5	9	12	4.5	6	6	7.5	9	12	13.5	15	18	19.5
8	1012	1379	1803	2283	2819	3413	4063	4769	2956	3744	4624	5597	6663	7822	9073	10418	11855	13385
	1012	1379	1803	2283	2819	3413	4063	4769	2956	3744	4624	5597	6663	7822	9073	10418	11855	13385
	3	3	4.5	4.5	6	7.5	9	9	4.5	4.5	6	7.5	9	9	12	13.5	15	16.5
9	798	1088	1422	1801	2225	2694	3207	3765	2333	2954	3649	4418	5260	6175	7163	8225	9361	10569
	798	1088	1422	1801	2225	2694	3207	3765	2333	2954	3649	4418	5260	6175	7163	8225	9361	10569
	3	3	3	4.5	6	6	7.5	9	3	4.5	6	6	7.5	9	10.5	12	13.5	15
10	645	880	1150	1457	1800	2180	2595	3047	1886	2390	2952	3574	4256	4997	5797	6657	7576	8555
	585	880	1150	1457	1800	2180	2595	3047	1886	2390	2952	3574	4256	4997	5797	6657	7576	8555
	1.5	3	3	4.5	4.5	6	6	7.5	3	4.5	4.5	6	6	7.5	9	10.5	12	13.5
11	532	726	949	1202	1486	1799	2142	2515	1556	1972	2437	2950	3513	4125	4787	5497	6256	7057
	439	698	949	1202	1486	1799	2142	2515	1556	1972	2437	2950	3513	4125	4787	5497	6256	7057
	1.5	3	3	3	4.5	4.5	6	7.5	3	3	4.5	4.5	6	7.5	7.5	9	10.5	12
12	444	608	796	1009	1247	1510	1798	2111	1305	1654	2044	2476	2949	3462	4018	4614	5240	5899
	338	538	796	1009	1247	1510	1798	2111	1305	1654	2044	2476	2949	3462	4018	4614	5240	5899
	1.5	3	3	3	4.5	4.5	6	6	3	3	4.5	4.5	6	6	7.5	9	9	10.5
13	348	517	677	858	1060	1284	1530	1797	1110	1407	1739	2106	2509	2947	3419	3915	4442	5002
	266	423	631	858	1060	1284	1530	1797	1035	1407	1739	2106	2509	2947	3419	3915	4442	5002
	1.5	1.5	3	3	4.5	4.5	4.5	6	3	3	4.5	4.5	4.5	6	7.5	7.5	9	10.5
14	277	443	582	738	913	1106	1317	1547	955	1211	1497	1813	2160	2537	2935	3359	3812	4292
	213	338	505	719	913	1106	1317	1547	829	1180	1497	1813	2160	2537	2935	3359	3812	4292
	1.5	1.5	3	3	3	4.5	4.5	6	3	3	3	4.5	4.5	6	6	7.5	7.5	9
15	224	359	506	642	794	962	1146	1346	830	1053	1302	1577	1879	2200	2544	2912	3305	3722
	173	275	411	585	794	962	1146	1346	674	959	1302	1577	1879	2200	2544	2912	3305	3722
	1.5	1.5	3	3	3	4.5	4.5	4.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9
16	183	294	442	563	696	844	1005	1181	725	923	1142	1383	1645	1924	2226	2548	2892	3256
	143	227	338	482	661	844	1005	1181	555	790	1084	1383	1645	1924	2226	2548	2892	3256
	1.5	1.5	3	3	3	3	4.5	4.5	3	3	3	4.5	4.5	6	6	7.5	7.5	7.5
17	152	244	367	497	615	746	889	1044	602	816	1009	1222	1450	1697	1962	2247	2550	2872
	119	189	282	402	551	734	889	1044	463	659	904	1203	1450	1697	1962	2247	2550	2872
	1.5	1.5	1.5	3	3	3	4.5	4.5	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5
18	127	204	308	441	548	664	791	930	505	723	898	1084	1287	1506	1742	1995	2265	2551
	100	159	238	338	464	618	791	930	390	555	761	1014	1287	1506	1742	1995	2265	2551
	1.5	1.5	1.5	3	3	3	4.5	4.5	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5
19	107	172	260	373	490	594	709	833	427	612	803	968	1150	1346	1557	1783	2024	2280
	85	135	202	288	395	525	682	833	332	472	647	862	1119	1346	1557	1783	2024	2280
	1.5	1.5	1.5	3	3	3	3	3	1.5	3	3	3	4.5	4.5	4.5	6	6	6
20	91	147	222	319	440	535	638	750	364	522	721	870	1032	1209	1399	1602	1819	2049
	73	116	173	247	338	451	585	744	284	405	555	739	959	1209	1399	1602	1819	2049
	1.5	1.5	1.5	1.5	3	3	3	4.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6
21	77	126	190	274	378	484	578	679	312	449	620	785	932	1091	1263	1447	1643	1851
	63	100	150	213	292	389	505	642	246	350	480	638	829	1054	1263	1447	1643	1851
	1.5	1.5	1.5	1.5	3	3	3	4.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6
22	66	108	164	237	327	439	525	618	269	388	537	712	845	990	1146	1313	1491	1680
	55	87	130	185	254	338	439	559	214	304	417	555	721	916	1144	1313	1491	1680
	1.5	1.5	1.5	1.5	3	3	3	3	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6
23	57	94	143	206	285	382	479	564	234	338	468	627	770	902	1044	1196	1358	1531
	48	76	114	162	223	296	385	489	187	266	365	486	631	802	1002	1196	1358	1531
	1.5	1.5	1.5	1.5	1.5	3	3	3	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6
24	49	81	124	180	250	335	437	515	204	295	409	549	703	824	954	1094	1242	1400
	42	67	100	143	196	261	338	430	164	234	321	428	555	706	882	1084	1242	1400
	1.5	1.5	1.5	1.5	1.5	3	3	3	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	4.5
25	43	71	109	158	219	295	385	473	179	259	360	483	632	756	875	1003	1140	1285
	37	59	89	126	173	231	299	381	146	207	284	378	491	624	780	959	1140	1285
	1.5	1.5	1.5	1.5	1.5	3	3	3	1.5	1.5	1.5	3	3	3	3	4.5	4.5	4.5
26	37	62	96	139	194	261	341	435	157	228	318	427	559	696	806	924	1050	1183
	33	53	79	112	154	205	266	338	129	184	253	336	437	555	693	853	1035	1183
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	3	3	3	3	4.5	4.5	4.5
27	33	55	85	123	172	231	303	388	139	202	282	379	497	636	744	853	969	1093
	30	47	70	100	138	183	238	302	116	164	226	300	390	496	619	761	924	1093
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	1.5	1.5	1.5	3	3	3	3	4.5	4.5	4.5
28	29	48	75	109	153	206	270	346	123	179	251	338	443	568	688	790	897	1012
	27	42</																

24F V5 M1 1.8E Stock Depth

Allowable Roof Load Tables LDF=1.25

Key - for each clear span there are three numbers:

- Row 1: Maximum Total Load with LDF of 1.25, and deflection limited to L/180
- Row 2: Maximum Live Load limited by deflection of L/240
- Row 3: Required Bearing Length in trimmer thickness (e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Anthony Glulam in Pounds per Linear Foot

Single Span (ft)	3 1/8" Width							5 1/8" Width																				
	Depth (in.)							Depth (in.)																				
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8										
6	1962	2672	3492	4421	5459	6607	7864	9230	5727	7250	8953	10835	12896	15137	17558	20158	22937	25896	5727	7250	8953	10835	12896	15137	17558	20158	22937	25896
7	1440	1961	2563	3245	4008	4850	5774	6777	4203	5322	6572	7955	9469	11115	12893	14802	16844	19017	4203	5322	6572	7955	9469	11115	12893	14802	16844	19017
8	1101	1500	1960	2482	3066	3711	4417	5185	3215	4071	5028	6085	7244	8504	9865	11326	12889	14552	3215	4071	5028	6085	7244	8504	9865	11326	12889	14552
9	868	1183	1547	1959	2420	2929	3487	4094	2537	3213	3968	4804	5719	6714	7789	8943	10177	11491	2537	3213	3968	4804	5719	6714	7789	8943	10177	11491
10	702	957	1251	1585	1958	2370	2822	3313	2052	2599	3211	3887	4628	5434	6304	7238	8238	9302	2052	2599	3211	3887	4628	5434	6304	7238	8238	9302
11	579	789	1032	1308	1616	1957	2330	2736	1693	2145	2650	3209	3821	4486	5205	5977	6803	7674	1693	2145	2650	3209	3821	4486	5205	5977	6803	7674
12	444	662	866	1097	1356	1642	1955	2296	1420	1800	2224	2693	3207	3766	4369	5018	5698	6415	1420	1800	2224	2693	3207	3766	4369	5018	5698	6415
13	348	556	736	933	1154	1397	1664	1954	1208	1531	1892	2291	2729	3205	3719	4258	4831	5439	1208	1531	1892	2291	2729	3205	3719	4258	4831	5439
14	277	443	634	803	993	1203	1433	1683	1039	1318	1629	1973	2350	2760	3192	3654	4146	4668	1039	1318	1629	1973	2350	2760	3192	3654	4146	4668
15	224	359	538	699	864	1046	1246	1464	883	1146	1416	1716	2044	2394	2768	3168	3595	4048	883	1146	1416	1716	2044	2394	2768	3168	3595	4048
16	183	294	442	613	758	918	1094	1285	725	1005	1243	1506	1790	2094	2421	2772	3146	3542	725	1005	1243	1506	1790	2094	2421	2772	3146	3542
17	152	244	367	525	670	812	967	1137	602	861	1098	1330	1578	1846	2135	2445	2775	3125	602	861	1098	1330	1578	1846	2135	2445	2775	3125
18	127	204	308	441	596	723	861	1012	505	723	978	1181	1401	1639	1896	2171	2464	2776	505	723	978	1181	1401	1639	1896	2171	2464	2776
19	107	172	260	373	515	647	772	907	427	612	844	1054	1251	1465	1695	1940	2203	2481	427	612	844	1054	1251	1465	1695	1940	2203	2481
20	91	147	222	319	440	583	695	817	364	522	721	947	1124	1316	1523	1744	1980	2230	364	522	721	947	1124	1316	1523	1744	1980	2230
21	77	126	190	274	378	506	629	740	312	449	620	830	1015	1189	1375	1575	1788	2015	312	449	620	830	1015	1189	1375	1575	1788	2015
22	66	108	164	237	327	439	572	673	269	388	537	719	921	1078	1248	1429	1623	1829	269	388	537	719	921	1078	1248	1429	1623	1829
23	57	94	143	206	285	382	499	614	234	338	468	627	818	982	1137	1302	1479	1666	234	338	468	627	818	982	1137	1302	1479	1666
24	49	81	124	180	250	335	437	559	187	266	365	486	631	802	1002	1232	1479	1666	187	266	365	486	631	802	1002	1232	1479	1666
25	43	71	109	158	219	295	385	493	179	259	360	483	632	808	954	1093	1242	1400	179	259	360	483	632	808	954	1093	1242	1400
26	37	62	96	139	194	261	341	436	157	228	318	427	559	715	878	1007	1143	1289	157	228	318	427	559	715	878	1007	1143	1289
27	33	55	85	123	172	231	303	388	139	202	282	379	497	636	799	929	1056	1191	139	202	282	379	497	636	799	929	1056	1191
28	29	48	75	109	153	206	270	346	123	179	251	338	443	568	713	861	978	1103	123	179	251	338	443	568	713	861	978	1103
29	25	43	66	97	136	184	242	310	109	160	224	302	397	509	639	791	908	1024	109	160	224	302	397	509	639	791	908	1024
30	22	38	59	87	122	165	217	279	97	143	200	271	356	457	575	712	845	953	97	143	200	271	356	457	575	712	845	953
32	17	30	47	70	99	134	176	227	84	120	164	219	284	361	451	555	674	808	84	120	164	219	284	361	451	555	674	808
	15	28	42	60	83	110	143	182	77	115	162	220	289	372	469	581	710	831	77	115	162	220	289	372	469	581	710	831
		1.5	1.5	1.5	1.5	1.5	1.5	3	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	666	1.5	1.5	1.5	1.5	1.5	1.5	3	3	4.5	4.5

24F V5 M1 1.8E Stock Depth

Allowable Floor Load Tables LDF=1.00

Key - for each clear span there are three numbers:

Row 1: Maximum Total Load with LDF of 1.0, and deflection limited to L/240

Row 2: Maximum Live Load limited by deflection of L/360

Row 3: Required Bearing Length in trimmer thickness

(e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Anthony Glulam in Pounds per Linear Foot

Single Span (ft)	6 3/4" Width															
	Depth (in.)															
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
6	3388	4614	6030	7634	9428	11411	13582	15943	18493	21232	24160	27277	30583	34078	37762	41635
	3388	4614	6030	7634	9428	11411	13582	15943	18493	21232	24160	27277	30583	34078	37762	41635
	3	3	4.5	6	7.5	9	10.5	12	13.5	16.5	18	21	24	27	31.5	34.5
7	2485	3386	4425	5603	6920	8376	9971	11705	13577	15589	17739	20029	22457	25024	27722	30491
	2456	3386	4425	5603	6920	8376	9971	11705	13577	15589	17739	20029	22457	25024	27722	30491
	3	3	4.5	4.5	6	7.5	9	10.5	12	13.5	15	16.5	19.5	22.5	25.5	27
8	1899	2588	3383	4284	5292	6406	7627	8954	10387	11926	13572	15325	17154	19063	21071	23177
	1645	2588	3383	4284	5292	6406	7627	8954	10387	11926	13572	15325	17154	19063	21071	23177
	3	3	3	4.5	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	21	22.5
9	1497	2041	2669	3381	4176	5056	6020	7068	8200	9415	10697	12042	13464	14964	16540	18194
	1155	1835	2669	3381	4176	5056	6020	7068	8200	9415	10697	12042	13464	14964	16540	18194
	1.5	3	3	4.5	4.5	6	6	7.5	9	10.5	12	12	15	16.5	18	19.5
10	1210	1650	2158	2734	3378	4090	4870	5719	6633	7591	8611	9694	10840	12048	13318	14649
	842	1337	1997	2734	3378	4090	4870	5719	6633	7591	8611	9694	10840	12048	13318	14649
	1.5	3	3	3	4.5	4.5	6	7.5	9	10.5	10.5	12	15	15	18	16.5
11	934	1361	1780	2256	2787	3375	4020	4714	5449	6237	7076	7966	8908	9901	10945	12040
	633	1005	1500	2136	2787	3375	4020	4714	5449	6237	7076	7966	8908	9901	10945	12040
	1.5	3	3	3	4.5	4.5	6	6	7.5	9	10.5	12	12	12	13.5	15
12	716	1140	1492	1892	2338	2832	3367	3939	4553	5212	5913	6658	7445	8276	9149	10064
	487	774	1155	1645	2257	2832	3367	3939	4553	5212	5913	6658	7445	8276	9149	10064
	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	9	10.5	12	12	12	13.5
13	560	896	1269	1608	1989	2406	2853	3338	3859	4417	5012	5644	6312	7016	7757	8533
	383	609	909	1294	1775	2362	2853	3338	3859	4417	5012	5644	6312	7016	7757	8533
	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	9	9	9	10.5	12	12
14	445	714	1071	1384	1711	2063	2447	2863	3310	3789	4300	4842	5416	6020	6656	7323
	307	487	728	1036	1421	1891	2447	2863	3310	3789	4300	4842	5416	6020	6656	7323
	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	9	9	9	9	10.5	12
15	359	577	867	1203	1482	1787	2120	2481	2869	3285	3728	4198	4695	5220	5772	6350
	250	396	592	842	1155	1538	1997	2481	2869	3285	3728	4198	4695	5220	5772	6350
	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9	10.5	10.5	10.5
16	293	472	711	1018	1295	1562	1854	2169	2509	2873	3261	3672	4108	4567	5050	5557
	206	327	487	694	952	1267	1645	2092	2509	2873	3261	3672	4108	4567	5050	5557
	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9	9	9	10.5
17	242	391	589	845	1141	1376	1633	1912	2212	2533	2875	3238	3623	4028	4454	4901
	171	272	406	579	794	1056	1372	1744	2178	2533	2875	3238	3623	4028	4454	4901
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9
18	202	326	493	709	978	1221	1449	1697	1963	2249	2553	2875	3217	3577	3956	4353
	144	229	342	487	669	890	1155	1469	1835	2249	2553	2875	3217	3577	3956	4353
	1.5	1.5	1.5	1.5	3	3	4.5	4.5	6	6	6	6	6	7.5	7.5	9
19	169	275	417	599	828	1090	1294	1515	1754	2009	2281	2569	2875	3197	3536	3891
	123	195	291	414	569	757	982	1249	1560	1919	2281	2569	2875	3197	3536	3891
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9
20	143	233	354	510	706	945	1162	1361	1575	1804	2049	2309	2583	2873	3178	3498
	105	167	250	355	487	649	842	1071	1337	1645	1997	2309	2583	2873	3178	3498
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	7.5	7.5	9
21	121	199	303	438	606	813	1049	1228	1422	1629	1850	2085	2333	2595	2871	3160
	91	144	216	307	421	560	728	925	1155	1421	1725	2069	2333	2595	2871	3160
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	7.5	7.5	9
22	104	171	261	378	524	703	919	1114	1289	1477	1678	1891	2117	2355	2605	2867
	79	126	188	267	366	487	633	805	1005	1236	1500	1799	2117	2355	2605	2867
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	7.5	7.5
23	89	147	226	328	456	612	801	1014	1174	1346	1528	1723	1929	2145	2374	2613
	69	110	164	234	320	427	554	704	879	1082	1313	1575	1869	2145	2374	2613
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	7.5	7.5
24	76	128	197	286	398	536	701	897	1073	1230	1397	1575	1764	1962	2171	2390
	61	97	144	206	282	375	487	620	774	952	1155	1386	1645	1935	2171	2390
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	6	6
25	66	111	172	250	349	471	617	790	984	1128	1282	1445	1618	1801	1993	2194
	54	86	128	182	250	332	431	548	685	842	1022	1226	1455	1712	1993	2194
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	6	6
26	57	97	150	220	308	415	545	698	878	1038	1180	1330	1490	1658	1835	2021
	48	76	114	162	222	295	383	487	609	749	909	1090	1294	1522	1775	2021
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	6	6
27	49	84	132	194	272	368	483	620	780	958	1089	1228	1376	1531	1695	1866
	43	68	101	144	198	264	342	435	544	669	811	973	1155	1359	1585	1835
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	6	6
28	42	74	116	172	241	327	430	553	696	862	1008	1137	1273	1418	1569	1728
	38	61	91	129	178	236	307	390	487	600	728	873	1036	1218	1421	1645
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	6	6
29	37	65	103	152	215	292	384	494	623	772	935	1055	1182	1316	1457	1605
	35	55	82	117	160	213	276	351	439	540	655	786	932	1097	1279	1481
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	6	6
30	32	57	91	135	191	261	344	443	559	693	847	981	1100	1224	1356	1493
	31	50	74	105	144	192	250	317	396	487	592	710	842	991	1155	1337
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	6	6
32	23	44	71	108	153	210	278	359	455	565	691	834	958	1067	1181	1302
	23	41	61	87	119	158	206	261	327	402	487	585	694	816	952	1102
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	6	6

24F V5 M1 1.8E Stock Depth

Allowable Roof Load Tables LDF=1.15

Key - for each clear span there are three numbers:

Row 1: Maximum Total Load with LDF of 1.15, and deflection limited to L/180

Row 2: Maximum Live Load limited by deflection of L/240

Row 3: Required Bearing Length in trimmer thickness
(e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Anthony Glulam in Pounds per Linear Foot

Single Span (ft)	6 3/4" Width															
	Depth (in.)															
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
6	3899	5309	6937	8783	10846	13126	15624	18339	21272	24422	27790	31375	35177	39197	43434	47889
	3899	5309	6937	8783	10846	13126	15624	18339	21272	24422	27790	31375	35177	39197	43434	47889
	3	4.5	4.5	6	7.5	9	12	13.5	16.5	18	21	24	28.5	31.5	36	42
7	2860	3896	5092	6447	7962	9637	11471	13465	15619	17933	20406	23039	25832	28785	31888	35073
	2860	3896	5092	6447	7962	9637	11471	13465	15619	17933	20406	23039	25832	28785	31888	35073
	3	3	4.5	6	6	7.5	9	12	13.5	15	18	19.5	22.5	25.5	28.5	33
8	2186	2979	3893	4931	6090	7371	8775	10302	11950	13721	15614	17630	19733	21930	24240	26661
	2186	2979	3893	4931	6090	7371	8775	10302	11950	13721	15614	17630	19733	21930	24240	26661
	3	3	4.5	4.5	6	7.5	9	9	12	13.5	15	16.5	19.5	21	24	27
9	1724	2350	3072	3891	4806	5819	6927	8133	9435	10833	12308	13855	15491	17215	19029	20931
	1724	2350	3072	3891	4806	5819	6927	8133	9435	10833	12308	13855	15491	17215	19029	20931
	3	3	3	4.5	6	6	7.5	9	10.5	12	13.5	15	16.5	18	21	22.5
10	1394	1900	2485	3147	3888	4708	5605	6581	7633	8735	9909	11155	12473	13862	15323	16855
	1263	1900	2485	3147	3888	4708	5605	6581	7633	8735	9909	11155	12473	13862	15323	16855
	1.5	3	3	4.5	4.5	6	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5
11	1149	1567	2050	2597	3209	3886	4627	5426	6272	7178	8143	9167	10251	11393	12594	13854
	949	1507	2050	2597	3209	3886	4627	5426	6272	7178	8143	9167	10251	11393	12594	13854
	1.5	3	3	3	4.5	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	18
12	960	1314	1719	2179	2693	3261	3877	4534	5242	5999	6806	7663	8569	9524	10529	11582
	731	1161	1719	2179	2693	3261	3877	4534	5242	5999	6806	7663	8569	9524	10529	11582
	1.5	3	3	3	4.5	4.5	6	6	7.5	9	10.5	12	13.5	15	16.5	18
13	752	1117	1462	1853	2291	2771	3285	3843	4443	5086	5770	6497	7265	8076	8928	9821
	575	913	1363	1853	2291	2771	3285	3843	4443	5086	5770	6497	7265	8076	8928	9821
	1.5	1.5	3	3	4.5	4.5	6	6	7.5	9	9	10.5	12	13.5	15	15
14	599	957	1258	1595	1971	2376	2818	3297	3812	4363	4951	5575	6235	6931	7662	8430
	460	731	1091	1554	1971	2376	2818	3297	3812	4363	4951	5575	6235	6931	7662	8430
	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9	10.5	10.5	12	13.5
15	484	775	1093	1386	1708	2059	2443	2858	3305	3783	4293	4834	5407	6010	6645	7311
	374	594	887	1263	1708	2059	2443	2858	3305	3783	4293	4834	5407	6010	6645	7311
	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5	9	9	10.5	12	12
16	396	635	955	1214	1493	1801	2136	2499	2891	3309	3756	4230	4731	5260	5815	6398
	308	490	731	1041	1428	1801	2136	2499	2891	3309	3756	4230	4731	5260	5815	6398
	1.5	1.5	3	3	3	3	4.5	4.5	6	6	7.5	7.5	9	9	10.5	12
17	328	527	793	1069	1316	1587	1883	2204	2549	2918	3312	3730	4173	4639	5130	5644
	257	408	610	868	1191	1585	1883	2204	2549	2918	3312	3730	4173	4639	5130	5644
	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9	9	10.5	10.5
18	274	441	665	948	1167	1408	1671	1956	2263	2591	2942	3313	3706	4121	4557	5014
	217	344	514	731	1003	1335	1671	1956	2263	2591	2942	3313	3706	4121	4557	5014
	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9	10.5
19	231	372	562	806	1042	1258	1493	1748	2022	2316	2629	2961	3313	3684	4074	4483
	184	292	437	622	853	1135	1474	1748	2022	2316	2629	2961	3313	3684	4074	4483
	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9	9
20	195	317	479	688	936	1129	1341	1570	1817	2081	2362	2661	2978	3311	3662	4030
	158	251	374	533	731	973	1263	1570	1817	2081	2362	2661	2978	3311	3662	4030
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9
21	167	271	411	591	817	1019	1210	1417	1640	1879	2134	2404	2690	2992	3309	3641
	136	217	323	460	632	841	1091	1388	1640	1879	2134	2404	2690	2992	3309	3641
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9
22	143	234	355	511	707	924	1098	1285	1488	1705	1936	2181	2441	2715	3003	3305
	119	188	281	400	549	731	949	1205	1488	1705	1936	2181	2441	2715	3003	3305
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	7.5	7.5
23	123	202	308	445	616	825	999	1171	1355	1553	1764	1988	2225	2474	2737	3013
	104	165	246	350	481	640	831	1056	1319	1553	1764	1988	2225	2474	2737	3013
	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	7.5	7.5
24	107	176	269	389	539	723	913	1070	1239	1420	1613	1818	2035	2264	2504	2757
	91	145	217	308	423	563	731	930	1161	1420	1613	1818	2035	2264	2504	2757
	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	7.5	7.5
25	93	154	235	341	474	637	832	982	1137	1303	1480	1669	1868	2078	2299	2531
	81	128	192	273	374	498	647	822	1027	1263	1480	1669	1868	2078	2299	2531
	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	6	7.5
26	81	135	207	301	419	563	737	903	1046	1199	1363	1536	1720	1914	2118	2332
	72	114	170	243	333	443	575	731	913	1123	1363	1536	1720	1914	2118	2332
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	7.5
27	71	118	183	266	371	500	655	834	966	1107	1258	1419	1589	1768	1956	2154
	64	102	152	217	297	396	514	653	815	1003	1217	1419	1589	1768	1956	2154
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6
28	62	104	162	236	330	445	584	748	894	1025	1165	1314	1471	1637	1812	1996
	58	91	136	194	266	355	460	585	731	899	1091	1309	1471	1637	1812	1996
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	3	4.5	4.5	4.5	6	6	6
29	54	92	144	210	295	398	522	670	829	951	1081	1220	1366	1520	1683	1853
	52	82	123	175	240	319	414	527	658	809	982	1178	1366	1520	1683	1853
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	3	4.5	4.5	4.5	4.5	6	6
30	47	81	128	188	264	357	469	602	757	885	1006	1135	1271	1415	1567	1725
	47	74	111	158	217	288	374	476	594	731	887	1064	1263	1415	1567	1725
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	4.5	6	6
32	36	64	102	151	213	289	381	490	618	766	876	989	1108	1234	1366	1505
	36	61	91	130	179	238	308	392	490	602	731	877	1041	1224	1366	1505
	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	4.5	4.5	6

24F V5 M1 1.8E Stock Depth

Allowable Roof Load Tables LDF=1.25

Key - for each clear span there are three numbers:
 Row 1: Maximum Total Load with LDF of 1.25, and deflection limited to L/180
 Row 2: Maximum Live Load limited by deflection of L/240
 Row 3: Required Bearing Length in trimmer thickness
 (e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Anthony Glulam in Pounds per Linear Foot

Single Span (ft)	6 3/4" Width															
	Depth (in.)															
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
6	4239	5772	7542	9549	11791	14270	16985	19937	23125	26549	30210	34107	38240	42609	47215	52058
	4239	5772	7542	9549	11791	14270	16985	19937	23125	26549	30210	34107	38240	42609	47215	52058
	3	4.5	6	7.5	9	10.5	12	15	18	21	24	27	31.5	36	40.5	46.5
7	3110	4236	5536	7009	8656	10477	12471	14639	16980	19496	22184	25047	28083	31292	34665	38127
	3110	4236	5536	7009	8656	10477	12471	14639	16980	19496	22184	25047	28083	31292	34665	38127
	3	4.5	4.5	6	7.5	9	10.5	12	15	16.5	19.5	22.5	25.5	28.5	33	36
8	2378	3239	4234	5361	6622	8015	9541	11200	12992	14917	16975	19166	21453	23841	26352	28984
	2378	3239	4234	5361	6622	8015	9541	11200	12992	14917	16975	19166	21453	23841	26352	28984
	3	3	4.5	4.5	6	7.5	9	10.5	12	13.5	16.5	18	21	24	27	30
9	1876	2556	3341	4231	5227	6327	7532	8843	10258	11779	13381	15063	16842	18717	20688	22756
	1733	2556	3341	4231	5227	6327	7532	8843	10258	11779	13381	15063	16842	18717	20688	22756
	3	3	4.5	4.5	6	7.5	7.5	9	10.5	12	13.5	16.5	18	21	22.5	25.5
10	1516	2067	2702	3423	4229	5120	6095	7156	8300	9498	10774	12129	13561	15072	16660	18325
	1263	2006	2702	3423	4229	5120	6095	7156	8300	9498	10774	12129	13561	15072	16660	18325
	3	3	3	4.5	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	22.5
11	1251	1705	2230	2825	3490	4226	5032	5901	6821	7805	8855	9968	11146	12388	13694	15063
	949	1507	2230	2825	3490	4226	5032	5901	6821	7805	8855	9968	11146	12388	13694	15063
	1.5	3	3	4.5	4.5	6	6	7.5	9	10.5	10.5	12	13.5	16.5	18	19.5
12	960	1430	1871	2370	2929	3547	4216	4931	5701	6524	7402	8333	9318	10356	11448	12594
	731	1161	1733	2370	2929	3547	4216	4931	5701	6524	7402	8333	9318	10356	11448	12594
	1.5	3	3	3	4.5	4.5	6	7.5	7.5	9	10.5	12	13.5	15	16.5	18
13	752	1200	1591	2016	2492	3014	3574	4180	4833	5531	6275	7065	7901	8782	9708	10680
	575	913	1363	1941	2492	3014	3574	4180	4833	5531	6275	7065	7901	8782	9708	10680
	1.5	3	3	3	4.5	4.5	6	6	7.5	9	9	10.5	12	13.5	15	16.5
14	599	957	1369	1735	2145	2585	3066	3586	4146	4746	5385	6064	6781	7537	8333	9167
	460	731	1091	1554	2132	2585	3066	3586	4146	4746	5385	6064	6781	7537	8333	9167
	1.5	1.5	3	3	4.5	4.5	6	6	7.5	7.5	9	9	10.5	12	13.5	15
15	484	775	1163	1509	1858	2241	2658	3109	3595	4115	4670	5258	5881	6537	7227	7951
	374	594	887	1263	1733	2241	2658	3109	3595	4115	4670	5258	5881	6537	7227	7951
	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9	10.5	10.5	12	13.5
16	396	635	955	1321	1625	1960	2324	2720	3145	3601	4086	4601	5146	5721	6325	6959
	308	490	731	1041	1428	1901	2324	2720	3145	3601	4086	4601	5146	5721	6325	6959
	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9	9	10.5	12	12
17	328	527	793	1135	1432	1727	2049	2398	2773	3175	3604	4059	4540	5047	5580	6140
	257	408	610	868	1191	1585	2049	2398	2773	3175	3604	4059	4540	5047	5580	6140
	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9	9	10.5	12
18	274	441	665	952	1271	1533	1819	2129	2463	2820	3201	3605	4033	4484	4958	5455
	217	344	514	731	1003	1335	1733	2129	2463	2820	3201	3605	4033	4484	4958	5455
	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	9	9	10.5	10.5
19	231	372	562	806	1112	1369	1625	1902	2201	2520	2861	3222	3605	4008	4432	4877
	184	292	437	622	853	1135	1474	1874	2201	2520	2861	3222	3605	4008	4432	4877
	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9	10.5
20	195	317	479	688	950	1230	1460	1709	1978	2265	2571	2896	3240	3603	3985	4385
	158	251	374	533	731	973	1263	1606	1978	2265	2571	2896	3240	3603	3985	4385
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	10.5
21	167	271	411	591	817	1093	1318	1543	1786	2046	2323	2617	2928	3256	3601	3963
	136	217	323	460	632	841	1091	1388	1733	2046	2323	2617	2928	3256	3601	3963
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9
22	143	234	355	511	707	947	1196	1400	1620	1856	2108	2375	2657	2955	3269	3597
	119	188	281	400	549	731	949	1207	1507	1854	2108	2375	2657	2955	3269	3597
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	6	6	6	6	7.5	7.5	9
23	123	202	308	445	616	825	1077	1275	1476	1691	1921	2164	2422	2694	2980	3280
	104	165	246	350	481	640	831	1056	1319	1622	1921	2164	2422	2694	2980	3280
	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5	7.5	9
24	107	176	269	389	539	723	945	1166	1350	1547	1757	1980	2216	2465	2726	3001
	91	145	217	308	423	563	731	930	1161	1428	1733	1980	2216	2465	2726	3001
	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5	7.5	7.5
25	93	154	235	341	474	637	832	1064	1239	1420	1613	1817	2034	2263	2504	2756
	81	128	192	273	374	498	647	822	1027	1263	1533	1817	2034	2263	2504	2756
	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	7.5	7.5
26	81	135	207	301	419	563	737	942	1140	1307	1485	1674	1874	2084	2306	2539
	72	114	170	243	333	443	575	731	913	1123	1363	1635	1874	2084	2306	2539
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	7.5	7.5
27	71	118	183	266	371	500	655	838	1052	1207	1371	1546	1731	1926	2131	2346
	64	102	152	217	297	396	514	653	815	1003	1217	1460	1731	1926	2131	2346
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	7.5
28	62	104	162	236	330	445	584	748	940	1118	1270	1432	1603	1784	1974	2174
	58	91	136	194	266	355	460	585	731	899	1091	1309	1554	1784	1974	2174
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	7.5
29	54	92	144	210	295	398	522	670	842	1037	1179	1329	1489	1657	1834	2019
	52	82	123	175	240	319	414	527	658	809	982	1178	1399	1645	1834	2019
	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6

24F V5 M1 1.8E Stock Depth

Allowable Floor Load Tables LDF=1.00

Key - for each clear span there are three numbers:

Row 1: Maximum Total Load with LDF of 1.0, and deflection limited to L/240

Row 2: Maximum Live Load limited by deflection of L/360

Row 3: Required Bearing Length in trimmer thickness

(e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Anthony Glulam in Pounds per Linear Foot

Single Span (ft)	8 3/4" Width															
	Depth (in.)															
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
6	4392	5982	7817	9896	12221	14792	17607	20667	23972	27523	31318	35359	39632	44042	48679	53541
	4392	5982	7817	9896	12221	14792	17607	20667	23972	27523	31318	35359	39632	44042	48679	53541
	3	3	4.5	6	7.5	9	10.5	12	13.5	16.5	18	21	24	27	30	34.5
7	3222	4389	5736	7263	8970	10858	12925	15173	17600	20208	22947	25829	28878	32092	35472	39015
	3183	4389	5736	7263	8970	10858	12925	15173	17600	20208	22947	25829	28878	32092	35472	39015
	3	3	4.5	4.5	6	7.5	9	10.5	12	13.5	15	16.5	19.5	22.5	24	27
8	2462	3355	4385	5554	6860	8305	9887	11607	13436	15374	17439	19631	21949	24392	26962	29656
	2132	3355	4385	5554	6860	8305	9887	11607	13436	15374	17439	19631	21949	24392	26962	29656
	3	3	3	4.5	4.5	6	7.5	9	10.5	10.5	13.5	15	16.5	18	21	22.5
9	1941	2646	3460	4382	5414	6554	7801	9122	10544	12066	13687	15408	17228	19147	21164	23280
	1498	2378	3460	4382	5414	6554	7801	9122	10544	12066	13687	15408	17228	19147	21164	23280
	1.5	3	3	4.5	4.5	6	6	7.5	9	10.5	10.5	12	13.5	15	18	19.5
10	1569	2139	2797	3544	4379	5296	6278	7342	8487	9712	11018	12404	13870	15415	17040	18744
	1092	1734	2588	3544	4379	5296	6278	7342	8487	9712	11018	12404	13870	15415	17040	18744
	1.5	3	3	3	4.5	4.5	6	6	7.5	9	10.5	10.5	12	13.5	15	16.5
11	1211	1764	2307	2924	3609	4349	5157	6031	6972	7980	9053	10193	11398	12668	14004	15405
	820	1303	1944	2769	3609	4349	5157	6031	6972	7980	9053	10193	11398	12668	14004	15405
	1.5	3	3	3	4.5	4.5	6	6	7.5	9	10.5	10.5	12	13.5	15	15
12	928	1478	1935	2451	3014	3633	4308	5039	5826	6668	7566	8518	9526	10589	11706	12877
	632	1003	1498	2132	2925	3633	4308	5039	5826	6668	7566	8518	9526	10589	11706	12877
	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	7.5	9	10.5	10.5	12	13.5
13	726	1161	1645	2076	2553	3078	3650	4270	4937	5652	6413	7221	8076	8977	9924	10918
	497	789	1178	1677	2301	3062	3650	4270	4937	5652	6413	7221	8076	8977	9924	10918
	1.5	1.5	3	3	3	4.5	4.5	6	6	7.5	9	9	10.5	12	12	12
14	577	925	1389	1779	2188	2639	3130	3662	4235	4848	5502	6195	6929	7703	8516	9370
	398	632	943	1343	1842	2452	3130	3662	4235	4848	5502	6195	6929	7703	8516	9370
	1.5	1.5	3	3	3	3	4.5	4.5	6	6	7.5	7.5	9	9	10.5	12
15	466	748	1124	1541	1896	2286	2712	3174	3670	4202	4769	5371	6008	6679	7385	8125
	324	514	767	1092	1498	1993	2588	3174	3670	4202	4769	5371	6008	6679	7385	8125
	1.5	1.5	3	3	3	4.5	4.5	6	6	6	7.5	7.5	9	9	10.5	10.5
16	380	612	922	1320	1657	1998	2371	2775	3210	3675	4172	4699	5256	5843	6461	7110
	267	423	632	900	1234	1643	2132	2711	3210	3675	4172	4699	5256	5843	6461	7110
	1.5	1.5	3	3	3	3	4.5	4.5	6	6	6	6	7.5	7.5	9	10.5
17	314	507	764	1096	1459	1761	2090	2446	2829	3240	3678	4143	4635	5153	5699	6271
	222	353	527	750	1029	1369	1778	2260	2823	3240	3678	4143	4635	5153	5699	6271
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	7.5	9	9
18	261	423	640	918	1268	1562	1854	2171	2512	2877	3266	3679	4116	4577	5061	5570
	187	297	444	632	867	1154	1498	1904	2378	2877	3266	3679	4116	4577	5061	5570
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	7.5	7.5	9
19	219	356	540	777	1073	1394	1656	1939	2243	2570	2918	3287	3678	4090	4523	4978
	159	253	377	537	737	981	1273	1619	2022	2487	2918	3287	3678	4090	4523	4978
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	7.5	7.5	9
20	185	302	459	662	915	1226	1486	1741	2015	2308	2621	2953	3305	3676	4065	4475
	136	217	324	461	632	841	1092	1388	1734	2132	2588	2953	3305	3676	4065	4475
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	7.5	7.5
21	157	258	393	568	786	1054	1341	1571	1819	2084	2367	2667	2985	3320	3672	4042
	118	187	279	398	546	726	943	1199	1498	1842	2236	2667	2985	3320	3672	4042
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	7.5	7.5
22	134	221	339	490	679	912	1191	1424	1649	1890	2147	2419	2708	3012	3332	3668
	103	163	243	346	475	632	820	1043	1303	1602	1944	2332	2708	3012	3332	3668
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	6	7.5
23	115	191	293	425	591	794	1038	1297	1502	1721	1955	2204	2467	2744	3036	3343
	90	142	213	303	415	553	718	913	1140	1402	1702	2041	2423	2744	3036	3343
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	7.5	7.5
24	99	165	255	371	516	694	909	1163	1372	1573	1787	2015	2256	2510	2777	3058
	79	125	187	267	366	487	632	803	1003	1234	1498	1796	2132	2508	2777	3058
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	6	6
25	85	144	222	324	453	610	799	1024	1258	1443	1640	1849	2070	2304	2549	2807
	70	111	166	236	324	431	559	711	888	1092	1325	1589	1887	2219	2549	2807
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	6	6
26	74	125	195	285	399	538	706	905	1138	1328	1509	1702	1906	2121	2347	2585
	62	99	147	210	288	383	497	632	789	971	1178	1413	1677	1973	2301	2585
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	6	6
27	64	109	171	251	353	477	627	804	1011	1225	1393	1571	1759	1958	2168	2387
	55	88	131	187	257	342	444	564	705	867	1052	1262	1498	1761	2054	2378
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	6	6
28	55	96	151	222	313	424	558	716	902	1117	1289	1454	1629	1813	2007	2211
	50	79	118	168	230	306	398	506	632	777	943	1131	1343	1579	1842	2132
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	6	6
29	48	84	133	197	278	378	498	641	807	1000	1196	1349	1512	1683	1863	2053
	45	71	106	151	207	276	358	455	569	699	849	1018	1209	1422	1658	1919
	1.5	1.5	1.5	1.5	3	3	3	4.5	4.5	4.5	6	6	6	6	6	6
30	41	74	118	175	248	338	446	575	725	899	1098	1255	1406			

24F V5 M1 1.8E Stock Depth

Allowable Floor Load Tables LDF=1.00

Key - for each clear span there are three numbers:
 Row 1: Maximum Total Load with LDF of 1.0, and deflection limited to L/240
 Row 2: Maximum Live Load limited by deflection of L/360
 Row 3: Required Bearing Length in trimmer thickness
 (e.g., 1.5 = 1 trimmer, 3.0 = 2 trimmers, etc.)

These tables can be used to size simple span beams and headers that carry uniform loads. The PLF loads must be calculated and take into account all floor and roof framing loads coming onto the beam or header. Codes do allow live load reductions. See appropriate code sections.

Allowable Loads for Anthony Glulam in Pounds per Linear Foot

Single Span (ft)	10 3/4" Width															
	Depth (in.)															
	8 1/4	9 5/8	11	12 3/8	13 3/4	15 1/8	16 1/2	17 7/8	19 1/4	20 5/8	22	23 3/8	24 3/4	26 1/8	27 1/2	28 7/8
6	5396 5396 3	7349 7349 3	9603 9603 4.5	12159 12159 6	15015 15015 7.5	18172 18172 9	21631 21631 10.5	25391 25391 12	29452 29452 13.5	33764 33764 16.5	38296 38296 18	43105 43105 21	48192 48192 24	53554 53554 27	59192 59192 30	65104 65104 34.5
7	3958 3911 3	5392 5392 3	7047 7047 4.5	8923 8923 6	11021 11021 7.5	13340 13340 9	15880 15880 9	18603 18603 12	21499 21499 13.5	24599 24599 15	27902 27902 15	31408 31408 16.5	35115 35115 19.5	39023 39023 21	43132 43132 24	47442 47442 27
8	3025 2620 3	4122 4122 3	5388 5388 3	6823 6823 4.5	8428 8428 4.5	10199 10199 6	12089 12089 7.5	14135 14135 9	16337 16337 9	18694 18694 10.5	21205 21205 12	23870 23870 15	26689 26689 16.5	29660 29660 18	32784 32784 19.5	36061 36061 22.5
9	2385 1840 1.5	3251 2922 3	4250 4250 3	5384 5384 4.5	6641 6641 4.5	8002 8002 6	9486 9486 6	11092 11092 7.5	12821 12821 9	14671 14671 9	16643 16643 10.5	18735 18735 12	20948 20948 12	23281 23281 15	25734 25734 18	28307 28307 19.5
10	1927 1341 1.5	2628 2130 3	3437 3180 3	4348 4348 3	5343 5343 4.5	6439 6439 4.5	7634 7634 6	8927 8927 6	10319 10319 7.5	11809 11809 9	13397 13397 10.5	15082 15082 10.5	16865 16865 12	18744 18744 15	20720 20720 18	22792 22792 19.5
11	1488 1008 1.5	2167 1600 3	2834 2389 3	3570 3401 3	4388 4388 4.5	5288 5288 4.5	6270 6270 6	7334 7334 6	8478 8478 7.5	9703 9703 9	11008 11008 9	12393 12393 10.5	13859 13859 10.5	15404 15404 12	17028 17028 13.5	18732 18732 15
12	1140 776 1.5	1816 1233 1.5	2365 1840 3	2980 2620 3	3664 3594 3	4417 4417 4.5	5238 5238 4.5	6127 6127 6	7084 7084 7.5	8108 8108 9	9199 9199 10.5	10358 10358 12	11583 11583 12	12875 12875 15	14233 14233 18	15658 15658 19.5
13	892 611 1.5	1426 970 1.5	2003 1447 3	2524 2061 3	3104 2827 3	3742 3742 4.5	4438 4438 4.5	5192 5192 6	6003 6003 6	6872 6872 7.5	7797 7797 9	8780 8780 9	9819 9819 10.5	10915 10915 12	12067 12067 15	13276 13276 19.5
14	709 489 1.5	1136 776 1.5	1706 1159 3	2163 1650 3	2661 2263 3	3208 3012 3	3806 3806 4.5	4453 4453 6	5149 5149 6	5895 5895 7.5	6689 6689 9	7533 7533 10.5	8425 8425 12	9366 9366 15	10355 10355 18	11393 11393 19.5
15	572 397 1.5	919 631 1.5	1381 942 1.5	1873 1341 3	2305 1840 3	2779 2449 3	3298 3180 4.5	3859 3859 4.5	4463 4463 6	5109 5109 6	5799 5799 7.5	6530 6530 9	7304 7304 10.5	8121 8121 12	8979 8979 15	9879 9879 19.5
16	467 327 1.5	752 520 1.5	1132 776 1.5	1622 1105 3	2014 1516 3	2430 2018 3	2883 2620 4.5	3374 3331 4.5	3903 3903 6	4469 4469 6	5072 5072 6	5713 5713 7.5	6390 6390 9	7105 7105 12	7856 7856 15	8644 8644 19.5
17	386 273 1.5	622 434 1.5	939 647 1.5	1346 921 1.5	1774 1264 3	2140 1682 3	2540 2184 4.5	2974 2777 4.5	3440 3440 6	3939 3939 6	4472 4472 6	5037 5037 7.5	5635 5635 9	6266 6266 12	6929 6929 15	7624 7624 19.5
18	321 230 1.5	520 365 1.5	786 545 1.5	1128 776 1.5	1557 1065 3	1899 1417 3	2254 1840 4.5	2639 2339 4.5	3053 2922 6	3497 3497 6	3970 3970 7.5	4473 4473 9	5004 5004 12	5564 5564 15	6154 6154 18	6772 6772 19.5
19	269 196 1.5	438 311 1.5	663 464 1.5	954 660 1.5	1318 905 3	1695 1205 3	2013 1565 4.5	2357 1989 4.5	2727 2484 6	3124 3056 6	3547 3547 7.5	3996 3996 9	4471 4471 12	4973 4973 15	5500 5500 18	6053 6053 19.5
20	227 168 1.5	371 266 1.5	564 397 1.5	813 566 1.5	1124 776 1.5	1506 1033 3	1807 1341 3	2116 1705 4.5	2449 2130 6	2806 2620 6	3187 3180 7.5	3591 3591 9	4018 4018 12	4469 4469 15	4943 4943 18	5440 5440 19.5
21	193 145 1.5	317 230 1.5	483 343 1.5	697 489 1.5	966 671 1.5	1295 893 3	1630 1159 3	1910 1473 3	2211 1840 4.5	2533 2263 4.5	2877 2747 6	3242 3242 7.5	3629 3629 9	4036 4036 12	4465 4465 15	4914 4914 19.5
22	165 126 1.5	272 200 1.5	416 299 1.5	602 425 1.5	835 583 1.5	1120 776 3	1464 1008 3	1731 1281 3	2005 1600 4.5	2298 1968 4.5	2610 2389 6	2941 2865 6	3292 3292 7.5	3662 3662 9	4051 4051 12	4460 4460 15
23	141 110 1.5	235 175 1.5	360 261 1.5	522 372 1.5	726 510 1.5	975 679 1.5	1275 882 3	1576 1121 3	1825 1401 4.5	2092 1723 4.5	2377 2091 6	2679 2508 6	2999 2977 7.5	3336 3336 9	3691 3691 12	4064 4064 15
24	122 97 1.5	203 154 1.5	313 230 1.5	455 327 1.5	634 449 1.5	853 598 1.5	1116 776 3	1428 987 3	1668 1233 4.5	1912 1516 4.5	2173 1840 6	2450 2207 6	2742 2620 7.5	3051 3051 9	3376 3376 12	3717 3717 15
25	105 86 1.5	176 136 1.5	273 203 1.5	399 290 1.5	556 397 1.5	749 529 1.5	982 687 3	1258 873 3	1530 1091 4.5	1754 1341 4.5	1993 1628 6	2247 1953 6	2516 2318 7.5	2800 2726 9	3099 3099 12	3412 3412 15
26	90 76 1.5	154 121 1.5	239 181 1.5	350 258 1.5	490 353 1.5	661 470 1.5	868 611 3	1112 776 3	1398 970 4.5	1614 1192 4.5	1834 1447 6	2069 1736 6	2317 2061 7.5	2578 2424 9	2853 2827 12	3142 3142 15
27	78 68 1.5	134 108 1.5	210 162 1.5	309 230 1.5	433 316 1.5	586 420 1.5	770 545 1.5	988 693 3	1243 866 3	1489 1065 4.5	1693 1292 4.5	1910 1550 6	2139 1840 7.5	2380 2164 9	2635 2524 12	2902 2902 15
28	68 61 1.5	118 97 1.5	185 145 1.5	273 206 1.5	384 283 1.5	521 377 1.5	685 489 1.5	880 622 3	1108 776 4.5	1372 955 4.5	1567 1159 6	1767 1390 6	1980 1650 7.5	2204 2040 9	2440 2263 12	2687 2620 15
29	58 55 1.5	103 87 1.5	164 130 1.5	242 186 1.5	342 255 1.5	464 339 1.5	612 440 1.5	787 559 3	992 699 4.5	1229 859 4.5	1454 1043 6	1640 1251 6	1837 1485 7.5	2046 1747 9	2265 2037 12	2495 2358 15
30	51 50 1.5	90 79 1.5	145 118 1.5	215 168 1.5	305 230 1.5	415 306 1.5	548 397 1.5	706 505 3	891 631 4.5	1104 776 6	1349 942 6	1525 1130 7.5	1709 1341 9	1903 1578 12	2108 1840 15	2322 2130 19.5
32	37 37 1.5	69 65 1.5	114 97 1.5	171 138 1.5	244 190 1.5	334 252 1.5	443 327 1.5	573 416 1.5	724 520 3	899 640 4.5	1100 776 6	1328 931 6	1488 1105 7.5	1658 1300 9	1836 1516 12	2024 1755 15