Floor Joist Load Tables

Table Notes

1 Loads are assumed to be uniformly distributed over entire span(s).
2 Load values are based on continuous support of the compression flange over the full length of the joist and the tension flange is laterally braced at a maximum spacing of 8'-0".
3 Joists must be braced against rotation at all supports.
4 End shear and web crippling resistances are not reduced for punchouts.
5 End web crippling check is based on a 3.5" bearing length. Where allowable spans are followed by (*), web stiffeners are required at end supports.
6 Web stiffeners are required at interior supports.

Bridging Recommendations

Bracing components shall be designed based on Section C2 of S136-16 with the minimum required number of rows as shown below. Additional bridging rows may be required by design.

Span (ft)	Minimum Number of Rows
up to 16	1 at mid span
16 to 24	2 at 1/3 point
24 to 32	3 at 1/4 point
32 to 40	4 at 1/5 point

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $K_\varphi = 0$

Strength - Factored Loads | **L/360 - Specified Loads**

	Section	600S162-43			600S162-54			600S162-68			600S162-97			600S200-43			600S200-54			600S200-68			600S200-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
8	Strength	203*	152*	101*	360*	270*	180*	486*	364*	243*			371	232*	174*	116*	411*	308*	205*		416*	277*			430*
	L/360	197	147	98	243	182	121	300	225	150			204	228	171	114	282	212	141		262	174			239
9	Strength	160	120	80	284*	213*	142*	384	288	192		440	293	183*	137*	91*	325*	243*	162*	438*	329*	219*			339
	L/360	138	103	69	171	128	85	210	158	105		215	143	160	120	80	198	148	99	245	184	122			167
10	Strength	130	97	65	230	173	115	311	233	155	476	357	238	148	111	74	263*	197*	131*	355	266	177		413	275
	L/360	101	75	50	124	93	62	153	115	76	209	156	104	117	87	58	144	108	72	178	134	89		183	122
11	Strength	107	80	53	190	142	95	257	192	128	393	295	196	122	92	61	217	163*	108	293	220	146	455	341	227
	L/360	75	56	37	93	70	46	115	86	57	157	117	78	87	65	43	108	81	54	134	100	67	183	137	91
12	Strength	90	67	45	160	120	80	216	162	108	330	247	165	103	77	51	182	137	91	246	185	123	382	286	191
	L/360	58	43	29	72	54	36	88	66	44	121	90	60	67	50	33	83	62	41	103	77	51	141	106	70
13	Strength	76	57	38	136	102	68	184	138	92	281	211	140	87	65	43	155	116	77	210	157	105	325	244	162
	L/360	45	34	22	56	42	28	69	52	34	95	71	47	53	39	26	65	49	32	81	61	40	111	83	55
14	Strength	66	49	33	117	88	58	158	119	79	242	182	121	75	56	37	134	100	67	181	135	90	280	210	140
	L/360	36	27	18	45	34	22	56	42	28	76	57	38	42	31	21	52	39	26	65	48	32	89	66	44
15	Strength	57	43	28	102	76	51	138	103	69	211	158	105	66	49	33	117	87	58	157	118	78	244	183	122
	L/360	29	22	14	36	27	18	45	34	22	62	46	31	34	26	17	42	32	21	52	39	26	72	54	36
16	Strength	50	38	25	90	67	45	121	91	60	185	139	92	58	43	29	102	77	51	138	104	69	215	161	107
	L/360	24	18	12	30	22	15	37	28	18	51	38	25	28	21	14	35	26	17	43	32	21	59	44	29
17	Strength	44	33	22	79	59	39	107	80	53	164	123	82	51	38	25	91	68	45	122	92	61	190	142	95
	L/360	20	15	10	25	19	12	31	23	15	42	31	21	23	17	11	29	22	14	36	27	18	49	37	24
18	Strength	40	30		71	53	35	96	72	48	146	110	73	45	34	22	81	60	40	109	82	54	169	127	84
	L/360	17	12		21	16	10	26	19	13	35	26	17	20	15	10	24	18	12	30	23	15	41	31	20
19	Strength	36	27		63	47		86	64	43	131	98	65	41	30		72	54	36	98	73	49	152	114	76
	L/360	14	11		18	13		22	16	11	30	22	15	17	12		21	15	10	26	19	13	35	26	17
20	Strength	32			57	43		77	58		119	89	59	37	27		65	49		88	66	44	137	103	68
	L/360	12			15	11		19	14		26	19	13	14	10		18	13		22	16	11	30	22	15
21	Strength	29			52	39		70	52		107	80	53	33			59	44		80	60		124	93	62
	L/360	10			13	10		16	12		22	16	11	12			15	11		19	14		26	19	13
22	Strength				47			64	48		98	73		30			54	40		73	55		113	85	56
	L/360				11			14	10		19	14		10			13	10		16	12		22	17	11
23	Strength				43			58			89	67					49			67	50		104	78	52
	L/360				10			12			17	12					11			14	11		20	15	10
24	Strength							54			82	61					45			61			95	71	
	L/360							11			15	11					10			12			17	13	
25	Strength										76	57								56			88	66	
	L/360										13	10								11			15	11	
26	Strength										70									52			81	61	
	L/360										11									10			13	10	
27	Strength										65												75		
	L/360										10												12		
28	Strength																						70		
	L/360																						11		
29	Strength																						65		
	L/360																						10		
30	Strength																								
	L/360																								

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $K_\varphi = 0$

Strength - Factored Loads | **L/360 - Specified Loads**

	Section	600S250-43			600S250-54			600S250-68			600S250-97			600S300-43			600S300-54			600S300-68			600S300-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
8	Strength	245*	184*	122*	432*	324*	216*		439*	293*			461*	254*	190*	127*	446*	335*	223*		457*	304*			485*
	L/360	260	195	130	311	233	155		298	198			276	280	210	140	335	251	167		323	215			308
9	Strength	194*	145*	97*	341*	256*	170*	463*	347*	231*			365	200*	150*	100*	353*	264*	176*	481*	361*	240*			383*
	L/360	183	137	91	219	164	109	279	209	139			194	197	147	98	235	176	117	302	227	151			216
10	Strength	157	117	78	276*	207*	138*	375*	281*	187*		443	295	162*	122*	81*	286*	214*	143*	390*	292*	195*		465	310
	L/360	133	100	66	159	119	79	203	152	101		212	141	143	107	71	171	128	85	220	165	110		237	158
11	Strength	130	97	65	228*	171*	114*	310	232	155	488	366	244	134	100	67	236*	177*	118*	322	241	161		385	256
	L/360	100	75	50	119	89	59	152	114	76	212	159	106	108	81	54	129	96	64	165	124	82		178	118
12	Strength	109	81	54	192	144	96	260	195	130	410	307	205	112	84	56	198	148	99	270	203	135	431	323	215
	L/360	77	57	38	92	69	46	117	88	58	163	122	81	83	62	41	99	74	49	127	95	63	183	137	91
13	Strength	93	69	46	163	122	81	222	166	111	349	262	174	96	72	48	169	126	84	230	173	115	367	275	183
	L/360	60	45	30	72	54	36	92	69	46	128	96	64	65	49	32	78	58	39	100	75	50	143	107	71
14	Strength	80	60	40	141	105	70	191	143	95	301	226	150	82	62	41	145	109	72	198	149	99	317	237	158
	L/360	48	36	24	58	43	29	74	55	37	103	77	51	52	39	26	62	46	31	80	60	40	115	86	57
15	Strength	69	52	34	122	92	61	166	125	83	262	197	131	72	54	36	127	95	63	173	129	86	276	207	138
	L/360	39	29	19	47	35	23	60	45	30	83	62	41	42	31	21	50	38	25	65	49	32	93	70	46
16	Strength	61	46	30	108	81	54	146	109	73	230	173	115	63	47	31	111	83	55	152	114	76	242	182	121
	L/360	32	24	16	38	29	19	49	37	24	69	51	34	35	26	17	41	31	20	53	40	26	77	57	38
17	Strength	54	40	27	95	71	47	129	97	64	204	153	102	56	42	28	98	74	49	134	101	67	214	161	107
	L/360	27	20	13	32	24	16	41	31	20	57	43	28	29	21	14	34	26	17	44	33	22	64	48	32
18	Strength	48	36	24	85	64	42	115	86	57	182	136	91	50	37	25	88	66	44	120	90	60	191	143	95
	L/360	22	17	11	27	20	13	34	26	17	48	36	24	24	18	12	29	22	14	37	28	18	54	40	27
19	Strength	43	32		76	57	38	103	77	51	163	122	81	45	33	22	79	59	39	108	81	54	172	129	86
	L/360	19	14		23	17	11	29	22	14	41	30	20	20	15	10	25	18	12	32	24	16	46	34	23
20	Strength	39	29		69	51		93	70	46	147	110	73	40	30		71	53	35	97	73	48	155	116	77
	L/360	16	12		19	14		25	19	12	35	26	17	17	13		21	16	10	27	20	13	39	29	19
21	Strength	35	26		62	47		85	63	42	134	100	67	36	27		64	48		88	66	44	140	105	70
	L/360	14	10		17	12		21	16	10	30	22	15	15	11		18	13		23	17	11	34	25	17
22	Strength	32			57	42		77	58		122	91	61	33	25		59	44		80	60	40	128	96	64
	L/360	12			14	11		19	14		26	19	13	13	10		16	12		20	15	10	29	22	14
23	Strength	29			52			70	53		111	83	55	30			54	40		73	55		117	88	58
	L/360	10			13			16	12		23	17	11	11			14	10		18	13		25	19	12
24	Strength				48			65	48		102	76	51	28			49			67	50		107	80	53
	L/360				11			14	11		20	15	10	10			12			15	11		22	17	11
25	Strength				44			60			94	70					45			62	46		99	74	49
	L/360				10			13			18	13					10			14	10		20	15	10
26	Strength							55			87	65								57			91	68	
	L/360							11			16	12								12			17	13	
27	Strength							51			81	60								53			85	63	
	L/360							10			14	10								11			16	12	
28	Strength										75									49			79	59	
	L/360										12									10			14	10	
29	Strength										70												73		
	L/360										11												12		
30	Strength										65												69		
	L/360										10												11		
29	Strength																								
	L/360																								
30	Strength																								
	L/360																								

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $K_\varphi = 0$

Strength - Factored Loads | **L/360 - Specified Loads**

	Section	800S162-43			800S162-54			800S162-68			800S162-97			800S200-43			800S200-54			800S200-68			800S200-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
8	Strength	276*	207*	138*	490*	367*	245*			335*				317*	238*	158*		422*	281*			384*			
	L/360	381	286	190	474	355	237			300				451	338	225		419	279			346			
9	Strength	218*	163*	109*	387*	290*	193*		398*	265*			423*	251*	188*	125*	445*	333*	222*		455*	303*			481*
	L/360	268	201	134	333	249	166		316	210			290	317	237	158	393	294	196		365	243			335
10	Strength	176*	132*	88*	314*	235*	157*	430*	322*	215*			343*	203*	152*	101*	360*	270*	180*	492*	369*	246*			390*
	L/360	195	146	97	242	182	121	307	230	153			211	231	173	115	286	215	143	355	266	177			244
11	Strength	146*	109*	73*	259*	194*	129*	355*	266*	177*		425	283	168*	126*	84*	298*	223*	149*	406*	304*	203*		483*	322*
	L/360	146	110	73	182	136	91	231	173	115		238	159	173	130	86	215	161	107	266	200	133		275	183
12	Strength	122	92	61	218*	163*	109*	298*	223*	149*	476	357	238	141*	105*	70*	250*	187*	125*	341*	256*	170*		406	270
	L/360	113	84	56	140	105	70	177	133	88	245	183	122	133	100	66	165	124	82	205	154	102		212	141
13	Strength	104	78	52	185*	139*	92*	254	190	127	406	304	203	120*	90*	60*	213*	160*	106*	291*	218*	145*	461	346	230
	L/360	88	66	44	110	82	55	139	104	69	192	144	96	105	78	52	130	97	65	161	121	80	222	166	111
14	Strength	90	67	45	160	120	80	219	164	109	350	262	175	103	77	51	184*	138*	92*	251*	188*	125*	397	298	198
	L/360	71	53	35	88	66	44	112	84	56	154	115	77	84	63	42	104	78	52	129	97	64	178	133	89
15	Strength	78	58	39	139	104	69	191	143	95	305	228	152	90	67	45	160*	120*	80*	218	164	109	346	259	173
	L/360	57	43	28	71	53	35	91	68	45	125	94	62	68	51	34	84	63	42	105	78	52	144	108	72
16	Strength	69	51	34	122	91	61	167	125	83	268	201	134	79	59	39	140	105	70	192	144	96	304	228	152
	L/360	47	35	23	59	44	29	75	56	37	103	77	51	56	42	28	69	52	34	86	65	43	119	89	59
17	Strength	61	45	30	108	81	54	148	111	74	237	178	118	70	52	35	124	93	62	170	127	85	269	202	134
	L/360	39	29	19	49	37	24	62	46	31	86	64	43	47	35	23	58	43	29	72	54	36	99	74	49
18	Strength	54	40	27	96	72	48	132	99	66	211	158	105	62	47	31	111	83	55	151	113	75	240	180	120
	L/360	33	25	16	41	31	20	52	39	26	72	54	36	39	29	19	49	36	24	60	45	30	83	62	41
19	Strength	48	36	24	86	65	43	119	89	59	190	142	95	56	42	28	99	74	49	136	102	68	216	162	108
	L/360	28	21	14	35	26	17	44	33	22	61	46	30	33	25	16	41	31	20	51	38	25	71	53	35
20	Strength	44	33	22	78	58	39	107	80	53	171	128	85	50	38	25	90	67	45	123	92	61	195	146	97
	L/360	24	18	12	30	22	15	38	28	19	52	39	26	28	21	14	35	26	17	44	33	22	61	45	30
21	Strength	40	30	20	71	53	35	97	73	48	155	116	77	46	34	23	81	61	40	111	83	55	176	132	88
	L/360	21	15	10	26	19	13	33	24	16	45	34	22	24	18	12	30	23	15	38	28	19	52	39	26
22	Strength	36	27		64	48	32	88	66	44	141	106	70	42	31	21	74	55	37	101	76	50	161	120	80
	L/360	18	13		22	17	11	28	21	14	39	29	19	21	16	10	26	20	13	33	25	16	45	34	22
23	Strength	33	25		59	44		81	60	40	129	97	64	38	28		68	51	34	93	69	46	147	110	73
	L/360	16	12		19	14		25	18	12	34	26	17	19	14		23	17	11	29	21	14	40	30	20
24	Strength	30	23		54	40		74	55	37	119	89	59	35	26		62	46	31	85	64	42	135	101	67
	L/360	14	10		17	13		22	16	11	30	22	15	16	12		20	15	10	25	19	12	35	26	17
25	Strength	28			50	37		68	51		109	82	54	32	24		57	43		78	59	39	124	93	62
	L/360	12			15	11		19	14		27	20	13	14	11		18	13		22	17	11	31	23	15
26	Strength	26			46	34		63	47		101	76	50	30			53	40		72	54	36	115	86	57
	L/360	11			13	10		17	13		24	18	12	13			16	12		20	15	10	27	20	13
27	Strength				43			58	44		94	70	47	27			49	37		67	50		106	80	53
	L/360				12			15	11		21	16	10	11			14	10		18	13		24	18	12
28	Strength				40			54	41		87	65		25			46			62	47		99	74	49
	L/360				11			14	10		19	14		10			13			16	12		22	16	11
29	Strength							51			81	61					42			58	43		92	69	46
	L/360							12			17	13					11			14	10		20	15	10
30	Strength							47			76	57					40			54			86	64	
	L/360							11			15	11					10			13			18	13	

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $K_\varphi = 0$

Strength - Factored Loads | **L/360 - Specified Loads**

	Section	800S250-43			800S250-54			800S250-68			800S250-97			800S300-43			800S300-54			800S300-68			800S300-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
8	Strength		250*	167*		442*	295*			404*					251*	167*		455*	303*			418*			
	L/360		381	254		458	305			389					408	272		489	326			419			
9	Strength	264*	198*	132*	466*	349*	233*		479*	319*				271*	203*	135*	479*	359*	239*		495*	330*			
	L/360	357	268	178	428	321	214		410	273				382	287	191	458	343	229		441	294			
10	Strength	213*	160*	106*	378*	283*	189*		388*	258*			416*	220*	165*	110*	388*	291*	194*		401*	267*			433*
	L/360	260	195	130	312	234	156		299	199			278	278	209	139	334	250	167		321	214			307
11	Strength	176*	132*	88*	312*	234*	156*	428*	321*	214*			344*	181*	136*	90*	321*	240*	160*	442*	331*	221*			358*
	L/360	195	146	97	234	176	117	299	224	149			209	209	157	104	251	188	125	322	241	161			231
12	Strength	148*	111*	74*	262*	196*	131*	359*	269*	179*		434*	289*	152*	114*	76*	269*	202*	134*	371*	278*	185*		451*	300*
	L/360	150	113	75	180	135	90	230	173	115		242	161	161	121	80	193	145	96	248	186	124		267	178
13	Strength	126*	94*	63*	223*	167*	111*	306*	229*	153*	493	369	246	130*	97*	65*	229*	172*	114*	316*	237*	158*		384*	256*
	L/360	118	89	59	142	106	71	181	136	90	253	190	126	126	95	63	152	114	76	195	146	97		210	140
14	Strength	109*	81	54	192*	144*	96*	264*	198*	132*	425	318	212	112*	84*	56*	198*	148*	99*	273*	204*	136*	442	331	221
	L/360	95	71	47	113	85	56	145	108	72	203	152	101	101	76	50	121	91	60	156	117	78	224	168	112
15	Strength	95	71	47	168*	126*	84*	230	172	115	370	277	185	97	73	48	172*	129*	86*	237*	178*	118*	385	288	192
	L/360	77	57	38	92	69	46	118	88	59	165	123	82	82	61	41	99	74	49	127	95	63	182	136	91
16	Strength	83	62	41	147*	110*	73*	202	151	101	325	244	162	85	64	42	151*	113*	75*	209	156	104	338	253	169
	L/360	63	47	31	76	57	38	97	73	48	136	102	68	68	51	34	81	61	40	104	78	52	150	112	75
17	Strength	74	55	37	130	98	65	179	134	89	288	216	144	76	57	38	134	100	67	185	138	92	299	224	149
	L/360	53	39	26	63	47	31	81	60	40	113	85	56	56	42	28	68	51	34	87	65	43	125	94	62
18	Strength	66	49	33	116	87	58	159	119	79	257	192	128	67	50	33	119	89	59	165	123	82	267	200	133
	L/360	44	33	22	53	40	26	68	51	34	95	71	47	47	35	23	57	42	28	73	55	36	105	79	52
19	Strength	59	44	29	104	78	52	143	107	71	230	173	115	60	45	30	107	80	53	148	111	74	240	180	120
	L/360	38	28	19	45	34	22	58	43	29	81	61	40	40	30	20	48	36	24	62	46	31	89	67	44
20	Strength	53	40	26	94	70	47	129	97	64	208	156	104	55	41	27	97	72	48	133	100	66	216	162	108
	L/360	32	24	16	39	29	19	49	37	24	69	52	34	34	26	17	41	31	20	53	40	26	76	57	38
21	Strength	48	36	24	85	64	42	117	88	58	188	141	94	49	37	24	88	66	44	121	91	60	196	147	98
	L/360	28	21	14	33	25	16	43	32	21	60	45	30	30	22	15	36	27	18	46	34	23	66	49	33
22	Strength	44	33	22	78	58	39	107	80	53	172	129	86	45	34	22	80	60	40	110	82	55	179	134	89
	L/360	24	18	12	29	22	14	37	28	18	52	39	26	26	19	13	31	23	15	40	30	20	57	43	28
23	Strength	40	30	20	71	53	35	97	73	48	157	118	78	41	31	20	73	55	36	101	75	50	163	122	81
	L/360	21	16	10	25	19	12	32	24	16	45	34	22	22	17	11	27	20	13	35	26	17	50	37	25
24	Strength	37	27		65	49	32	89	67	44	144	108	72	38	28	19	67	50	33	92	69	46	150	112	75
	L/360	18	14		22	16	11	28	21	14	40	30	20	20	15	10	24	18	12	31	23	15	44	33	22
25	Strength	34	25		60	45	30	82	62	41	133	99	66	35	26		62	46	31	85	64	42	138	104	69
	L/360	16	12		20	15	10	25	19	12	35	26	17	17	13		21	16	10	27	20	13	39	29	19
26	Strength	31	23		55	41		76	57	38	123	92	61	32	24		57	43		79	59	39	128	96	64
	L/360	14	11		17	13		22	17	11	31	23	15	15	11		19	14		24	18	12	35	26	17
27	Strength	29			51	38		71	53	35	114	85	57	30	22		53	39		73	55	36	118	89	59
	L/360	13			15	11		20	15	10	28	21	14	14	10		16	12		21	16	10	31	23	15
28	Strength	27			48	36		66	49		106	79	53	28			49	37		68	51		110	82	55
	L/360	11			14	10		18	13		25	19	12	12			15	11		19	14		28	21	14
29	Strength	25			44			61	46		99	74	49	26			46	34		63	47		103	77	51
	L/360	10			12			16	12		22	17	11	11			13	10		17	13		25	18	12
30	Strength				42			57	43		92	69	46	24			43			59	44		96	72	48
	L/360				11			14	11		20	15	10	10			12			15	11		22	17	11
29	Strength																								
	L/360																								
30	Strength																								
	L/360																								

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $K_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

	Section	1000S162-54			1000S162-68			1000S162-97			1000S200-54			1000S200-68			1000S200-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
10	Strength	388*	291*	194*		404*	269*			440*	424*	318*	212*		467*	311*			
	L/360	406	304	203		389	259			370	464	348	232		444	296			
11	Strength	320*	240*	160*	445*	334*	222*			363*	373*	279*	186*		386*	257*			415*
	L/360	305	228	152	390	292	195			278	349	261	174		334	222			316
12	Strength	269*	202*	134*	374*	280*	187*		458*	305*	313*	235*	156*	432*	324*	216*			349*
	L/360	234	176	117	300	225	150		321	214	268	201	134	343	257	171			244
13	Strength	229*	172*	114*	319*	239*	159*		390*	260*	267*	200*	133*	368*	276*	184*		446*	297*
	L/360	184	138	92	236	177	118		252	168	211	158	105	269	202	134		287	191
14	Strength	197*	148*	98*	275*	206*	137*	448	336	224	230*	172*	115*	318*	238*	159*		385*	256*
	L/360	147	110	73	189	142	94	269	202	134	169	126	84	216	162	108		230	153
15	Strength	172*	129*	86*	239*	179*	119*	391	293	195	200*	150*	100*	277*	207*	138*	447*	335*	223*
	L/360	120	90	60	154	115	77	219	164	109	137	103	68	175	131	87	249	187	124
16	Strength	151*	113*	75*	210*	158*	105*	343	257	171	176*	132*	88*	243*	182*	121*	393	294	196
	L/360	99	74	49	126	95	63	180	135	90	113	85	56	144	108	72	205	154	102
17	Strength	134*	100*	67*	186	139	93	304	228	152	156*	117*	78*	215*	161*	107*	348	261	174
	L/360	82	61	41	105	79	52	150	112	75	94	70	47	120	90	60	171	128	85
18	Strength	119	89	59	166	124	83	271	203	135	139*	104*	69*	192*	144*	96*	310	233	155
	L/360	69	52	34	89	66	44	126	95	63	79	59	39	101	76	50	144	108	72
19	Strength	107	80	53	149	112	74	243	182	121	125*	93*	62*	172	129	86	278	209	139
	L/360	59	44	29	75	56	37	107	80	53	67	50	33	86	64	43	122	92	61
20	Strength	97	72	48	134	101	67	220	165	110	112*	84*	56*	155	116	77	251	188	125
	L/360	50	38	25	64	48	32	92	69	46	58	43	29	74	55	37	105	79	52
21	Strength	87	65	43	122	91	61	199	149	99	102	76	51	141	106	70	228	171	114
	L/360	43	32	21	56	42	28	79	59	39	50	37	25	64	48	32	91	68	45
22	Strength	80	60	40	111	83	55	181	136	90	93	69	46	128	96	64	207	155	103
	L/360	38	28	19	48	36	24	69	52	34	43	32	21	55	41	27	79	59	39
23	Strength	73	55	36	101	76	50	166	124	83	85	63	42	117	88	58	190	142	95
	L/360	33	25	16	42	32	21	60	45	30	38	28	19	48	36	24	69	51	34
24	Strength	67	50	33	93	70	46	152	114	76	78	58	39	108	81	54	174	131	87
	L/360	29	22	14	37	28	18	53	40	26	33	25	16	42	32	21	61	45	30
25	Strength	62	46	31	86	64	43	140	105	70	72	54	36	99	74	49	161	120	80
	L/360	25	19	12	33	24	16	47	35	23	29	22	14	37	28	18	53	40	26
26	Strength	57	43	28	79	59	39	130	97	65	66	50	33	92	69	46	148	111	74
	L/360	23	17	11	29	22	14	42	31	21	26	19	13	33	25	16	47	35	23
27	Strength	53	39	26	73	55	36	120	90	60	61	46	30	85	64	42	138	103	69
	L/360	20	15	10	26	19	13	37	28	18	23	17	11	30	22	15	42	32	21
28	Strength	49	37		68	51	34	112	84	56	57	43	28	79	59	39	128	96	64
	L/360	18	13		23	17	11	33	25	16	21	15	10	27	20	13	38	28	19
29	Strength	46	34		64	48	32	104	78	52	53	40		74	55	37	119	89	59
	L/360	16	12		21	15	10	30	22	15	19	14		24	18	12	34	25	17
30	Strength	43	32		59	44		97	73	48	50	37		69	51	34	111	83	55
	L/360	15	11		19	14		27	20	13	17	12		21	16	10	31	23	15
31	Strength	40	30		56	42		91	68	45	46	35		64	48		104	78	52
	L/360	13	10		17	13		24	18	12	15	11		19	14		28	21	14
32	Strength	37			52	39		85	64	42	44	33		60	45		98	73	49
	L/360	12			15	11		22	16	11	14	10		18	13		25	19	12

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $K_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

	Section	1000S250-54			1000S250-68			1000S250-97			1000S300-54			1000S300-68			1000S300-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
10	Strength		318*	212*			329*					318*	212*			340*			
	L/360		399	266			339					419	279			362			
11	Strength	385*	289*	192*		408*	272*			443*	385*	289*	192*		421*	280*			460*
	L/360	399	299	199		382	254			357	420	315	210		408	272			391
12	Strength	331*	248*	165*	457*	343*	228*			372*	340*	255*	170*	472*	354*	236*			386*
	L/360	307	230	153	392	294	196			275	323	242	161	420	315	210			301
13	Strength	282*	211*	141*	389*	292*	194*		476*	317*	290*	217*	145*	402*	301*	201*		494*	329*
	L/360	242	181	121	308	231	154		325	216	254	190	127	330	247	165		355	237
14	Strength	243*	182*	121*	336*	252*	168*		410*	273*	250*	187*	125*	346*	260*	173*		426*	284*
	L/360	193	145	96	247	185	123		260	173	203	152	101	264	198	132		284	189
15	Strength	211*	158*	105*	292*	219*	146*	477*	357*	238*	218*	163*	109*	302*	226*	151*	494*	371*	247*
	L/360	157	118	78	200	150	100	282	211	141	165	124	82	215	161	107	308	231	154
16	Strength	186*	139*	93*	257*	192*	128*	419*	314*	209*	191*	143*	95*	265*	199*	132*	434*	326*	217*
	L/360	129	97	64	165	124	82	232	174	116	136	102	68	177	132	88	254	190	127
17	Strength	164*	123*	82*	227*	170*	113*	371	278	185	169*	127*	84*	235*	176*	117*	385*	288*	192*
	L/360	108	81	54	138	103	69	193	145	96	113	85	56	147	110	73	212	159	106
18	Strength	147*	110*	73*	203*	152*	101*	331	248	165	151*	113*	75*	209*	157*	104*	343	257	171
	L/360	91	68	45	116	87	58	163	122	81	95	71	47	124	93	62	178	134	89
19	Strength	132*	99*	66*	182*	136*	91*	297	222	148	135*	101*	67*	188*	141*	94*	308	231	154
	L/360	77	58	38	98	74	49	138	104	69	81	61	40	105	79	52	151	113	75
20	Strength	119*	89*	59*	164	123	82	268	201	134	122*	91*	61*	170*	127*	85*	278	208	139
	L/360	66	49	33	84	63	42	119	89	59	69	52	34	90	68	45	130	97	65
21	Strength	108*	81*	54*	149	112	74	243	182	121	111*	83*	55*	154	115	77	252	189	126
	L/360	57	43	28	73	54	36	102	77	51	60	45	30	78	58	39	112	84	56
22	Strength	98	73	49	136	102	68	221	166	110	101*	76*	50	140	105	70	230	172	115
	L/360	49	37	24	63	47	31	89	67	44	52	39	26	68	51	34	97	73	48
23	Strength	90	67	45	124	93	62	202	152	101	92	69	46	128	96	64	210	157	105
	L/360	43	32	21	55	41	27	78	58	39	45	34	22	59	44	29	85	64	42
24	Strength	82	62	41	114	85	57	186	139	93	85	63	42	118	88	59	193	144	96
	L/360	38	28	19	49	36	24	68	51	34	40	30	20	52	39	26	75	56	37
25	Strength	76	57	38	105	79	52	171	128	85	78	58	39	108	81	54	178	133	89
	L/360	34	25	17	43	32	21	60	45	30	35	26	17	46	34	23	66	50	33
26	Strength	70	52	35	97	73	48	158	119	79	72	54	36	100	75	50	164	123	82
	L/360	30	22	15	38	28	19	54	40	27	31	23	15	41	30	20	59	44	29
27	Strength	65	49	32	90	67	45	147	110	73	67	50	33	93	69	46	152	114	76
	L/360	27	20	13	34	25	17	48	36	24	28	21	14	36	27	18	52	39	26
28	Strength	60	45	30	84	63	42	136	102	68	62	46	31	86	65	43	142	106	71
	L/360	24	18	12	30	23	15	43	32	21	25	19	12	33	24	16	47	35	23
29	Strength	56	42	28	78	58	39	127	95	63	58	43	29	80	60	40	132	99	66
	L/360	21	16	10	27	20	13	39	29	19	22	17	11	29	22	14	42	32	21
30	Strength	52	39		73	54	36	119	89	59	54	40	27	75	56	37	123	92	61
	L/360	19	14		25	18	12	35	26	17	20	15	10	26	20	13	38	28	19
31	Strength	49	37		68	51	34	111	83	55	51	38		70	53	35	115	86	57
	L/360	17	13		22	17	11	31	23	15	18	14		24	18	12	34	26	17
32	Strength	46	34		64	48	32	104	78	52	47	35		66	49	33	108	81	54
	L/360	16	12		20	15	10	29	21	14	17	12		22	16	11	31	23	15

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $K_\varphi = 0$

Strength - Factored Loads **L/360 - Specified Loads**

	Section	1200S162-68			1200S162-97			1200S200-68			1200S200-97			1200S250-68			1200S250-97			1200S300-68			1200S300-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
12	Strength	440*	330*	220*			368*		385*	256*			425*		413*	275*			453*		427*	284*			474*
	L/360	460	345	230			335		392	261			379		433	289			424		487	324			466
13	Strength	375*	281*	187*		470*	313*	437*	328*	218*			362*	469*	352*	234*			386*		363*	242*			404*
	L/360	362	271	181		396	264	411	308	205			298	454	340	227			334		383	255			367
14	Strength	323*	242*	161*		405*	270*	377*	283*	188*		469*	312*	404*	303*	202*		500*	333*	418*	313*	209*			348*
	L/360	290	217	145		317	211	329	246	164		358	238	363	272	181		401	267	409	306	204			293
15	Strength	282*	211*	141*	471*	353*	235*	328*	246*	164*		408*	272*	352*	264*	176*		435*	290*	364*	273*	182*		455*	303*
	L/360	235	176	117	343	257	171	267	200	133		291	194	295	221	147		326	217	332	249	166		358	238
16	Strength	247*	185*	123*	414*	310*	207*	289*	216*	144*	479*	359*	239*	309*	232*	154*		382*	255*	320*	240*	160*		400*	266*
	L/360	194	145	97	283	212	141	220	165	110	320	240	160	243	182	121		268	179	274	205	137		295	196
17	Strength	219*	164*	109*	366*	275*	183*	256*	192*	128*	424*	318*	212*	274*	205*	137*	452*	339*	226*	283*	212*	141*	472*	354*	236*
	L/360	162	121	81	236	177	118	183	137	91	266	200	133	203	152	101	298	224	149	228	171	114	328	246	164
18	Strength	195*	146*	97*	327	245	163	228*	171*	114*	378*	283*	189*	244*	183*	122*	403*	302*	201*	253*	189*	126*	421*	316*	210*
	L/360	136	102	68	199	149	99	154	116	77	224	168	112	171	128	85	251	188	125	192	144	96	276	207	138
19	Strength	175*	131*	87*	293	220	146	204*	153*	102*	339*	254*	169*	219*	164*	109*	361*	271*	180*	227*	170*	113*	378*	283*	189*
	L/360	116	87	58	169	126	84	131	98	65	191	143	95	145	109	72	214	160	107	163	122	81	235	176	117
20	Strength	158	118	79	265	198	132	185*	138*	92*	306	229	153	198*	148*	99*	326*	244*	163*	205*	153*	102*	341*	256*	170*
	L/360	99	74	49	145	108	72	112	84	56	163	122	81	124	93	62	183	137	91	140	105	70	201	151	100
21	Strength	143	107	71	240	180	120	167*	125*	83*	278	208	139	179*	134*	89*	296*	222*	148*	185*	139*	92*	309*	232*	154*
	L/360	85	64	42	125	93	62	97	73	48	141	106	70	107	80	53	158	118	79	121	90	60	174	130	87
22	Strength	131	98	65	219	164	109	152*	114*	76*	253	190	126	163*	122*	81*	269	202	134	169*	127*	84*	282*	211*	141*
	L/360	74	56	37	109	81	54	84	63	42	123	92	61	93	70	46	137	103	68	105	79	52	151	113	75
23	Strength	119	89	59	200	150	100	139	104	69	231	173	115	149*	112*	74*	247	185	123	155*	116*	77*	258	193	129
	L/360	65	49	32	95	71	47	74	55	37	107	80	53	82	61	41	120	90	60	92	69	46	132	99	66
24	Strength	110	82	55	184	138	92	128	96	64	212	159	106	137*	103*	68*	226	170	113	142*	106*	71*	237	177	118
	L/360	57	43	28	83	62	41	65	49	32	94	71	47	72	54	36	106	79	53	81	60	40	116	87	58
25	Strength	101	76	50	169	127	84	118	88	59	196	147	98	126	95	63	209	156	104	131*	98*	65*	218	164	109
	L/360	50	38	25	74	55	37	57	43	28	83	62	41	63	47	31	93	70	46	71	53	35	103	77	51
26	Strength	93	70	46	156	117	78	109	82	54	181	136	90	117	88	58	193	144	96	121	90	60	202	151	101
	L/360	45	33	22	66	49	33	51	38	25	74	55	37	56	42	28	83	62	41	63	47	31	91	68	45
27	Strength	87	65	43	145	109	72	101	76	50	168	126	84	108	81	54	179	134	89	112	84	56	187	140	93
	L/360	40	30	20	58	44	29	45	34	22	66	49	33	50	38	25	74	55	37	57	42	28	81	61	40
28	Strength	80	60	40	135	101	67	94	70	47	156	117	78	101	75	50	166	125	83	104	78	52	174	130	87
	L/360	36	27	18	52	39	26	41	30	20	59	44	29	45	34	22	66	50	33	51	38	25	73	55	36
29	Strength	75	56	37	126	94	63	87	65	43	145	109	72	94	70	47	155	116	77	97	73	48	162	121	81
	L/360	32	24	16	47	35	23	37	27	18	53	40	26	40	30	20	60	45	30	46	34	23	66	49	33
30	Strength	70	52	35	117	88	58	82	61	41	136	102	68	88	66	44	145	108	72	91	68	45	151	113	75
	L/360	29	22	14	42	32	21	33	25	16	48	36	24	36	27	18	54	40	27	41	31	20	59	44	29
31	Strength	66	49	33	110	82	55	77	57	38	127	95	63	82	61	41	135	101	67	85	63	42	142	106	71
	L/360	26	20	13	38	29	19	30	22	15	44	33	22	33	25	16	49	36	24	37	28	18	54	40	27
32	Strength	61	46	30	103	77	51	72	54	36	119	89	59	77	58	38	127	95	63	80	60	40	133	100	66
	L/360	24	18	12	35	26	17	27	20	13	40	30	20	30	22	15	44	33	22	34	25	17	49	36	24
33	Strength	58	43	29	97	73	48	67	50	33	112	84	56	72	54	36	119	89	59	75	56	37	125	94	62
	L/360	22	16	11	32	24	16	25	18	12	36	27	18	27	20	13	40	30	20	31	23	15	44	33	22
34	Strength	54	41	27	91	68	45	64	48	32	106	79	53	68	51	34	113	84	56	70	53	35	118	88	59
	L/360	20	15	10	29	22	14	22	17	11	33	25	16	25	19	12	37	28	18	28	21	14	41	30	20
35	Strength	51	38		86	64	43	60	45	30	100	75	50	64	48	32	106	79	53	66	50	33	111	83	55
	L/360	18	13		27	20	13	21	15	10	30	22	15	23	17	11	34	25	17	26	19	13	37	28	18
36	Strength	48	36		81	61	40	57	42		94	70	47	61	45	30	100	75	50	63	47	31	105	79	52
	L/360	17	12		24	18	12	19	14		28	21	14	21	16	10	31	23	15	24	18	12	34	25	17
37	Strength	46	34		77	58	38	54	40		89	67	44	57	43		95	71	47	59	44	29	99	74	49
	L/360	15	11		22	17	11	17	13		25	19	12	19	14		28	21	14	22	16	11	31	23	15
38	Strength	43	32		73	55	36	51	38		84	63	42	54	41		90	67	45	56	42	28	94	70	47
	L/360	14	10		21	15	10	16	12		23	17	11	18	13		26	20	13	20	15	10	29	22	14

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75

FLOOR JOIST LOAD TABLE

Uniformly Distributed Single Span Loads (psf) with $K_\varphi = 0$

Strength - Factored Loads | **L/360 - Specified Loads**

	Section	1400S162-68			1400S162-97			1400S200-68			1400S200-97			1400S250-68			1400S250-97			1400S300-68			1400S300-97		
Span	Design	Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)			Spacing (in.)		
(ft)	Criteria	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
14	Strength	363*	272*	181*		466*	311*	431*	323*	215*			362*		323*	215*			389*		323*	215*			408*
	L/360	415	311	207		460	306	469	351	234			344		387	258			383		409	272			414
15	Strength	317*	237*	158*		406*	271*	376*	282*	188*		473*	315*	402*	302*	201*			339*	402*	302*	201*			355*
	L/360	337	253	168		374	249	381	286	190		420	280	419	314	209			312	443	332	221			337
16	Strength	278*	208*	139*	476*	357*	238*	330*	248*	165*		416*	277*	356*	267*	178*		447*	298*	372*	279*	186*		468*	312*
	L/360	278	208	139	411	308	205	314	235	157		346	230	345	259	172		385	257	365	274	182		416	277
17	Strength	246*	185*	123*	422*	316*	211*	292*	219*	146*	491*	368*	245*	316*	237*	158*		396*	264*	329*	247*	164*		415*	276*
	L/360	231	173	115	342	257	171	261	196	130	385	288	192	288	216	144		321	214	304	228	152		347	231
18	Strength	220*	165*	110*	376*	282*	188*	261*	195*	130*	438*	328*	219*	281*	211*	140*	471*	353*	235*	294*	220*	147*	493*	370*	246*
	L/360	195	146	97	288	216	144	220	165	110	324	243	162	242	182	121	361	270	180	256	192	128	390	292	195
19	Strength	197*	148*	98*	337*	253*	168*	234*	175*	117*	393*	295*	196*	253*	189*	126*	422*	317*	211*	264*	198*	132*	443*	332*	221*
	L/360	166	124	83	245	184	122	187	140	93	275	206	137	206	154	103	307	230	153	218	163	109	332	249	166
20	Strength	178*	133*	89*	305*	228*	152*	211*	158*	105*	355*	266*	177*	228*	171*	114*	381*	286*	190*	238*	178*	119*	400*	300*	200*
	L/360	142	106	71	210	157	105	160	120	80	236	177	118	177	132	88	263	197	131	187	140	93	284	213	142
21	Strength	161*	121*	80*	276	207	138	191*	143*	95*	321*	241*	160*	207*	155*	103*	346*	259*	173*	216*	162*	108*	362*	272*	181*
	L/360	123	92	61	181	136	90	138	104	69	204	153	102	152	114	76	227	170	113	161	121	80	245	184	122
22	Strength	147*	110*	73*	252	189	126	174*	131*	87*	293*	220*	146*	188*	141*	94*	315*	236*	157*	196*	147*	98*	330*	247*	165*
	L/360	107	80	53	158	118	79	120	90	60	177	133	88	133	99	66	197	148	98	140	105	70	213	160	106
23	Strength	134	101	67	230	172	115	160*	120*	80*	268*	201*	134*	172*	129*	86*	288*	216*	144*	180*	135*	90*	302*	226*	151*
	L/360	93	70	46	138	103	69	105	79	52	155	116	77	116	87	58	173	129	86	123	92	61	187	140	93
24	Strength	123	92	61	211	158	105	146*	110*	73*	246	184	123	158*	118*	79*	265*	198*	132*	165*	124*	82*	277*	208*	138*
	L/360	82	61	41	121	91	60	93	69	46	136	102	68	102	76	51	152	114	76	108	81	54	164	123	82
25	Strength	114	85	57	195	146	97	135*	101*	67*	227	170	113	146*	109*	73*	244*	183*	122*	152*	114*	76*	256*	192*	128*
	L/360	72	54	36	107	80	53	82	61	41	121	90	60	90	67	45	134	101	67	95	71	47	145	109	72
26	Strength	105	79	52	180	135	90	125*	93*	62*	210	157	105	135*	101*	67*	225	169	112	141*	105*	70*	236*	177*	118*
	L/360	64	48	32	95	71	47	73	54	36	107	80	53	80	60	40	119	89	59	85	63	42	129	97	64
27	Strength	97	73	48	167	125	83	116	87	58	194	146	97	125*	93*	62*	209	157	104	130*	98*	65*	219	164	109
	L/360	57	43	28	85	64	42	65	49	32	96	72	48	71	53	35	107	80	53	76	57	38	115	86	57
28	Strength	90	68	45	155	116	77	107	80	53	181	135	90	116*	87*	58*	194	146	97	121*	91*	60*	204	153	102
	L/360	51	38	25	76	57	38	58	43	29	86	64	43	64	48	32	95	71	47	68	51	34	103	77	51
29	Strength	84	63	42	145	108	72	100	75	50	168	126	84	108	81	54	181	136	90	113*	85*	56*	190	142	95
	L/360	46	35	23	69	51	34	52	39	26	77	58	38	58	43	29	86	64	43	61	46	30	93	70	46
30	Strength	79	59	39	135	101	67	94	70	47	157	118	78	101	76	50	169	127	84	105	79*	52	177	133	88
	L/360	42	31	21	62	46	31	47	35	23	70	52	35	52	39	26	78	58	39	55	41	27	84	63	42
31	Strength	74	55	37	126	95	63	88	66	44	147	110	73	95	71	47	158	119	79	99	74	49	166	124	83
	L/360	38	28	19	56	42	28	43	32	21	63	47	31	47	35	23	70	53	35	50	37	25	76	57	38
32	Strength	69	52	34	119	89	59	82	62	41	138	104	69	89	66	44	149	111	74	93	69	46	156	117	78
	L/360	34	26	17	51	38	25	39	29	19	57	43	28	43	32	21	64	48	32	45	34	22	69	52	34
33	Strength	65	49	32	112	84	56	77	58	38	130	97	65	83	62	41	140	105	70	87	65	43	146	110	73
	L/360	31	23	15	46	35	23	35	26	17	52	39	26	39	29	19	58	43	29	41	31	20	63	47	31
34	Strength	61	46	30	105	79	52	73	54	36	122	92	61	79	59	39	132	99	66	82	61	41	138	103	69
	L/360	28	21	14	42	32	21	32	24	16	48	36	24	36	27	18	53	40	26	38	28	19	57	43	28
35	Strength	58	43	29	99	74	49	69	51	34	115	86	57	74	55	37	124	93	62	77	58	38	130	97	65
	L/360	26	19	13	39	29	19	30	22	15	44	33	22	33	24	16	49	36	24	34	26	17	53	39	26
36	Strength	55	41	27	94	70	47	65	48	32	109	82	54	70	52	35	117	88	58	73	55	36	123	92	61
	L/360	24	18	12	36	27	18	27	20	13	40	30	20	30	22	15	45	33	22	32	24	16	48	36	24
37	Strength	52	39	26	89	66	44	61	46	30	103	77	51	66	50	33	111	83	55	69	52	34	116	87	58
	L/360	22	16	11	33	24	16	25	19	12	37	28	18	27	20	13	41	31	20	29	22	14	44	33	22
38	Strength	49	37	24	84	63	42	58	43	29	98	73	49	63	47	31	105	79	52	66	49	33	110	83	55
	L/360	20	15	10	30	23	15	23	17	11	34	25	17	25	19	12	38	28	19	27	20	13	41	31	20
39	Strength	46	35		80	60	40	55	41	27	93	70	46	60	45	30	100	75	50	62	47	31	105	78	52
	L/360	19	14		28	21	14	21	16	10	31	23	15	23	17	11	35	26	17	25	18	12	38	28	19
40	Strength	44	33		76	57	38	52	39	26	88	66	44	57	42	28	95	71	47	59	44	29	100	75	50
	L/360	17	13		26	19	13	20	15	10	29	22	14	22	16	11	32	24	16						

NOTES:

* Web stiffeners required at ends of members.

1) Values greater than 500 psf and less than 10 psf are not shown.

2) For other deflection limits such as L/480, multiply the L/360 uniform specified loads by the following factor:

Deflection limit	Factor
L/480	360/480 = 0.75