

# STANDARD WEIGHT TABLES FOR LOAD/LOAD LH-SERIES JOISTS

Based on 50 ksi Maximum Yield Strength  
Adopted by the Steel Joist Institute December 31, 2010

The joists presented in the following tables are based on the Steel Joist Institute Standard Specifications for Longspan Steel Joist LH-Series and Deep Longspan Steel Joists, DLH-Series adopted February 15, 1978 – revised December 31, 2010 and all the requirements contained therein shall be followed.

The weight tables apply only to joists with parallel chords. The joist top chords are considered as being laterally supported by the deck and/or slab in accordance with the aforementioned specifications.

The top row of figures provides the total uniform design load in pounds per linear foot applied to the joist for **LRFD** or **ASD** loading. The row labeled “wt.” is the approximate weight of the joist in pounds per linear foot. “w360” is the uniform load in pounds per linear foot that will produce an approximate deflection of 1/360 of the span. Where the w360 load is equal to the Total Load, the actual w360 load is greater than the Total Load. The row “Ix” provides the approximate Moment of Inertia for the joist. “P<sub>brg</sub>” is the nominal horizontal force in pounds to be used to determine the required bridging angle size.

These weight tables are intended to be a tool to assist in the preliminary design and estimate for joists used in floors and roofs with high capacity loading requirements. All of the values are approximate and intended as a guide for the **specifying professional**. The joist manufacturer will design for the specific loads of the designation at the required span, and the values for self weight, moment of inertia, and w360 load may vary from the tabulated values – the tabulated values are not design minimums or maximums. Load/Load joist designations are not limited to only the combinations of load, depth, and span as shown in these tables. Interpolation can be used for approximate values when needed between the columns and rows of the table.

Consult with a joist manufacturer for information regarding web openings for duct passage through the joists; the table given in the Accessories and Details Section of the catalog does not apply to these joists. Unless noted in the following, all joists require one (1) row of horizontal erection bridging and shall have a 5 inch minimum bearing seat depth (height). Joists to the right of the heavy black line require a 7½ inch minimum bearing seat depth (height).

Joists in the **red** shaded areas require one (1) row of bolted-cross, erection bridging and one (1) row of horizontal erection bridging.

Joists in the **blue** shaded areas require a minimum two (2) rows of horizontal erection bridging.

Joists in the **green** shaded areas require a 7½ inch minimum bearing seat depth (height) and two (2) rows of horizontal erection bridging.

### Example

#### Joist Geometry

#### Design Loads (ASD)

1) Joist Depth	26"	1) Dead Load	80 psf or 800 plf
2) Joist Span	32'-0"	2) Live Load	100 psf or <u>1000 plf</u> (No LL reduction is assumed)
3) Joist Spacing	10'-0"	3) Total Load	1800 plf

For this example the joist designation will be **26LH1800/1000**.

Entering the weight tables for a joist span of 32'-0", joist depth of 26", and a total load of 1800 plf (ASD), the joist will have the following approximate design values:

Wt	=	31.8 plf
w360	=	1606 plf
Ix	=	1271 in <sup>4</sup>

One (1) row of horizontal erection bridging designed for a bridging force P<sub>brg</sub> = 1178 pounds.  
Minimum required bearing seat depth = 5".



**STANDARD WEIGHT TABLE FOR LOAD/LOAD LH-SERIES JOISTS**

Based on a 50 ksi Maximum Yield Strength

Joist Span [ft]	Joist Depth [in]	Total Uniformly Distributed Joist Load in Pounds per Linear Foot																				
		LRFD	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600
		ASD	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
14	14	Wt.	7.3	7.6	8.1	8.8	9.4	10.6	11.3	12.0	12.3	12.4	13.4	14.2	15.4	15.6	16.0	17.1	17.6	18.8	19.2	19.4
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
		Ix	71	73	77	80	83	96	98	108	108	114	122	131	137	144	149	161	168	174	182	182
		Pbrg	266	293	332	373	421	484	520	563	563	563	608	658	726	726	726	797	797	891	891	891
16	14	Wt.	6.9	7.4	7.5	8.4	9.3	9.9	10.9	11.9	12.5	13.4	14.0	15.0	15.8	16.2	17.4	18.1	19.4	19.5	21.3	21.5
		w360	500	600	700	800	900	1000	1100	1200	1286	1395	1462	1586	1622	1717	1821	1894	2007	2032	2190	2218
		Ix	67	71	71	81	92	97	107	119	125	133	142	153	158	164	176	181	197	197	215	215
		Pbrg	247	281	284	327	366	418	479	512	549	595	595	643	696	696	768	768	842	842	941	941
	16	Wt.	7.0	7.0	7.6	7.9	8.8	9.3	9.9	11.2	11.6	12.5	13.2	13.6	14.1	15.0	16.1	16.5	17.8	17.8	18.2	19.3
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
		Ix	89	89	94	97	112	117	129	143	152	162	170	177	183	196	211	220	235	235	243	252
		Pbrg	228	228	259	286	324	363	385	441	472	506	548	548	548	592	641	641	708	708	708	776
18	14	Wt.	7.2	7.9	9.1	10.1	11.3	12.8	13.2	13.7	14.7	15.8	17.1	17.7	19.2	19.8	21.1	21.8	23.8	23.9	27.2	27.3
		w360	500	552	639	720	836	909	976	1046	1109	1188	1259	1312	1421	1481	1550	1637	1774	1774	1951	1985
		Ix	71	75	88	99	114	127	133	142	153	164	176	181	197	205	215	224	246	246	276	276
		Pbrg	297	342	412	465	535	622	622	622	672	727	803	803	880	880	984	984	1090	1090	1282	1282
	16	Wt.	7.3	7.7	8.8	9.4	10.5	11.7	12.7	13.1	13.5	14.4	15.6	16.9	17.4	17.8	19.2	19.3	21.1	21.3	23.3	23.3
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1775	1900	1904	2079	2105	2266	2300
		Ix	94	97	113	119	136	150	165	177	183	196	211	226	235	243	264	264	289	289	314	314
		Pbrg	272	300	355	404	463	531	575	575	622	673	743	743	743	815	815	911	911	1009	1009	1009
	18	Wt.	7.3	7.8	8.4	9.2	9.9	11.0	11.8	12.7	13.0	13.9	14.9	15.5	16.8	17.2	17.7	18.7	18.9	20.6	20.8	22.6
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
		Ix	120	125	131	150	157	178	193	204	218	235	251	261	280	291	303	315	326	356	356	388
		Pbrg	253	278	315	354	400	460	493	534	534	577	625	625	690	690	756	756	846	846	846	937
20	14	Wt.	7.6	8.9	10.0	11.3	12.5	13.7	14.7	15.8	17.5	18.2	19.6	20.9	21.7	23.7	26.1	27.2	27.3	28.4	30.0	31.8
		w360	390	479	542	607	686	759	822	872	953	1003	1089	1139	1203	1288	1381	1441	1474	1532	1604	1706
		Ix	73	90	102	116	130	142	153	164	181	189	205	215	224	246	260	276	276	292	303	326
		Pbrg	331	381	453	519	595	644	697	754	832	832	913	1020	1020	1130	1329	1329	1329	1329	1454	1454
	16	Wt.	7.3	8.3	9.1	10.1	11.2	12.4	13.5	14.5	15.6	17.3	17.6	19.1	19.3	21.0	21.9	23.3	24.0	26.3	27.5	27.6
		w360	496	571	650	717	795	897	981	1053	1123	1237	1290	1383	1401	1529	1573	1671	1730	1856	1939	1985
		Ix	94	108	122	135	148	167	183	196	211	235	243	264	264	289	301	314	330	349	372	372
		Pbrg	283	330	369	421	482	553	599	647	700	773	773	848	848	948	948	1050	1050	1235	1235	1235
	18	Wt.	7.0	7.8	8.7	9.5	10.5	11.7	12.5	13.4	14.0	15.3	16.3	17.6	17.9	18.8	19.4	21.1	21.3	23.4	23.6	26.5
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1665	1751	1826	1980	2003	2157	2180	2364
		Ix	114	125	143	162	178	195	209	228	245	264	283	303	314	326	340	373	373	406	406	453
		Pbrg	232	286	329	370	418	480	515	558	558	603	652	720	720	790	790	883	883	978	978	1150
	20	Wt.	7.0	7.6	7.9	9.0	10.0	11.0	11.9	12.6	13.6	14.1	15.1	16.2	17.5	18.1	18.1	19.8	21.2	21.7	23.8	23.8
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
		Ix	142	150	156	182	207	223	244	261	286	296	316	341	365	380	393	409	427	447	468	511
		Pbrg	216	246	271	321	366	390	448	481	521	521	563	609	672	672	737	737	824	824	824	913
22	14	Wt.	8.7	9.8	11.2	12.7	14.0	15.9	17.4	18.9	19.5	21.6	23.6	26.8	27.0	28.1	28.3	31.5	32.6	35.8	37.1	37.3
		w360	358	412	476	545	597	678	723	782	825	904	964	1080	1096	1147	1170	1278	1305	1428	1479	1485
		Ix	90	102	118	135	148	171	181	197	205	224	246	276	276	292	292	326	329	354	372	372
		Pbrg	392	467	535	613	664	777	858	941	941	1052	1165	1370	1370	1370	1370	1498	1574	1871	1871	1871
	16	Wt.	8.0	9.0	10.3	11.7	12.8	14.0	15.0	17.1	17.5	19.1	20.7	21.7	23.7	23.8	27.0	27.2	28.4	29.7	31.7	32.8
		w360	421	487	561	653	715	796	844	935	978	1050	1145	1197	1295	1331	1453	1487	1562	1618	1724	1760
		Ix	106	122	139	162	180	198	212	235	243	264	289	301	330	330	372	372	393	408	439	444
		Pbrg	323	381	463	533	572	619	669	799	799	876	980	980	1085	1085	1276	1276	1396	1396	1467	1467
	18	Wt.	7.4	8.6	9.5	10.5	11.6	13.2	13.8	14.8	16.1	17.7	18.2	19.2	21.0	21.9	23.2	24.0	27.1	27.4	29.5	28.5
		w360	481	577	645	738	814	911	978	1060	1139	1248	1301	1371	1480	1547	1618	1702	1882	1897	1927	2025
		Ix	120	143	162	184	203	228	245	264	283	314	327	340	373	389	406	428	482	482	509	509
		Pbrg	276	341	383	433	498	578	578	625	676	746	746	819	915	915	1014	1014	1192	1192	1192	1192
	20	Wt.	7.3	8.0	9.2	10.2	11.4	12.4	13.3	13.9	15.1	16.2	17.5	17.8	19.2	19.4	21.2	21.9	23.4	24.2	26.6	27.5
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1564	1678	1723	1886	1972	2036	2139	2267	2388
		Ix	150	159	187	212	244	261	286	306	330	354	380	393	427	427	468	489	511	538	570	607
		Pbrg	258	298	359	405	466	500	541	541	585	633	699	699	766	766	857	857	949	949	1116	1116
	22	Wt.	7.5	8.3	9.5	10.6	11.5	12.7	13.0	14.0	15.3	16.7	17.2	17.4	18.8	19.0	20.9	21.3	22.7	23.6	25.9	26.7
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
		Ix	183	199	233	266	287	312	326	360	384	430	447	447	483	502	549	574	598	627	663	701
		Pbrg	242	280	357	409	437	508	508	549	594	656	656	656	719	719	804	804	890	890	1047	1047



STANDARD WEIGHT TABLE FOR LOAD/LOAD LH-SERIES JOISTS																							
Based on a 50 ksi Maximum Yield Strength																							
Joist Span [ft]	Joist Depth [in]	Total Uniformly Distributed Joist Load in Pounds per Linear Foot																					
		LRFD	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600	
		ASD	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
24	14	Wt.	9.8	11.5	13.0	14.3	16.4	18.5	20.1	22.1	24.4	24.6	28.0	30.0	31.5	31.7	36.9	38.0	40.5	40.9	44.0	44.5	
		w360	312	380	431	474	537	602	651	717	785	796	881	942	994	1008	1136	1151	1254	1254	1341	1341	
		Ix	102	123	140	154	176	197	213	235	261	261	292	312	326	326	372	377	410	410	439	439	
	16	Pbrg	452	549	629	681	797	880	965	1079	1195	1195	1405	1405	1537	1537	1919	1919	1919	1919	2223	2223	
		Wt.	8.9	10.3	11.6	13.0	14.4	16.5	17.9	19.4	20.4	22.5	24.7	24.8	28.2	28.3	31.6	31.9	34.0	34.2	38.2	40.8	
		w360	370	440	506	575	633	718	773	840	888	965	1070	1078	1187	1201	1309	1342	1415	1537	1559	1669	
	18	Ix	120	145	164	186	205	235	253	275	286	316	350	350	393	393	439	439	465	503	510	556	
		Pbrg	376	447	513	588	636	745	822	901	901	1008	1116	1116	1312	1312	1436	1436	1509	1793	1793	1793	
		Wt.	8.1	9.5	10.8	12.1	13.8	14.6	16.3	17.6	18.2	19.8	21.8	22.6	24.9	27.3	28.3	28.5	30.5	32.1	32.2	34.3	
	20	w360	418	506	592	663	751	815	898	971	1016	1085	1189	1267	1386	1457	1538	1556	1651	1722	1743	1836	
		Ix	136	164	192	217	245	264	294	314	327	355	389	409	454	482	509	509	547	571	571	605	
		Pbrg	311	367	446	513	596	596	697	769	769	844	944	944	1045	1229	1229	1229	1229	1344	1344	1413	
	22	Wt.	8.1	9.0	9.9	11.3	12.4	13.9	14.6	16.6	17.7	18.3	19.9	21.9	22.1	24.1	25.1	27.5	27.8	29.0	29.0	32.3	
		w360	500	582	651	767	836	940	991	1125	1202	1253	1363	1494	1518	1644	1742	1835	1864	1959	1979	2169	
		Ix	169	192	212	247	271	306	319	368	393	410	446	489	489	538	570	607	607	641	641	719	
	24	Pbrg	287	330	371	450	482	559	559	654	722	722	792	885	885	981	981	1153	1153	1153	1153	1261	
		Wt.	8.4	9.7	11.3	12.4	12.6	14.3	15.8	16.4	16.9	18.3	19.8	20.3	22.2	25.1	25.4	26.3	26.3	27.4	28.8	29.1	
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2380	
	26	Ix	202	239	279	300	326	371	411	430	447	483	524	549	598	663	663	701	701	746	774	774	
		Pbrg	324	394	486	526	526	615	679	679	679	745	832	832	922	1084	1084	1084	1084	1186	1186	1186	
		Wt.	8.4	9.3	10.6	12.0	12.5	13.5	14.6	16.3	16.7	18.0	18.6	19.9	21.7	21.9	24.7	25.4	25.6	26.5	26.5	28.9	
	26	14	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
			Ix	242	259	300	341	375	403	445	494	517	557	581	631	687	687	759	800	800	845	845	934
			Pbrg	306	372	427	496	496	537	581	641	641	703	703	786	871	871	1024	1024	1024	1024	1024	1120
16		Wt.	11.0	13.2	15.2	16.9	19.2	22.0	24.3	24.5	27.8	29.8	31.5	36.7	37.6	40.3	40.6	43.8	46.5	46.7	50.1	52.7	
		w360	286	347	391	438	492	563	617	635	692	739	782	868	904	984	984	1053	1130	1130	1196	1271	
		Ix	119	145	165	183	205	235	261	261	292	312	326	372	377	410	410	439	472	472	499	530	
18		Pbrg	521	643	752	815	986	1102	1221	1221	1436	1436	1570	1961	1961	1961	1961	2272	2272	2272	2572	2572	
		Wt.	9.8	11.5	13.4	15.3	16.4	18.5	20.3	22.3	24.5	27.8	28.1	30.0	31.6	33.6	36.9	37.9	40.5	40.8	44.0	44.3	
		w360	328	397	459	528	564	641	686	758	840	911	942	997	1053	1111	1205	1233	1333	1333	1427	1454	
20		Ix	136	164	193	220	235	264	286	316	350	393	393	421	439	465	503	510	556	556	595	595	
		Pbrg	432	525	602	705	763	842	923	1032	1143	1344	1344	1344	1471	1545	1837	1837	1837	1837	2127	2127	
		Wt.	9.0	10.7	12.3	14.0	15.4	16.5	18.1	20.3	21.7	22.5	24.7	28.1	28.3	30.2	31.8	31.9	34.1	37.3	38.2	40.9	
22		w360	372	465	537	618	681	727	784	888	933	995	1088	1207	1207	1296	1369	1385	1450	1568	1592	1706	
		Ix	154	192	224	255	284	303	327	370	389	409	454	509	509	547	571	571	605	654	664	724	
		Pbrg	361	458	527	612	661	716	790	866	969	969	1073	1262	1262	1262	1380	1380	1450	1724	1724	1724	
24		Wt.	8.6	9.7	11.3	12.8	14.0	15.0	16.6	18.0	19.6	21.6	22.5	23.8	25.0	28.2	28.4	30.3	31.8	32.0	34.1	37.5	
		w360	447	507	603	693	774	830	912	984	1070	1173	1233	1290	1367	1520	1538	1653	1699	1744	1829	1979	
		Ix	186	212	253	289	319	342	380	410	446	489	514	538	570	641	641	689	719	719	763	825	
26		Pbrg	317	381	463	531	575	622	673	743	815	911	911	1009	1009	1186	1186	1298	1298	1364	1621	1621	
		Wt.	8.1	9.5	10.7	12.2	13.5	14.4	15.5	16.9	18.2	19.7	20.6	22.0	24.0	25.1	27.4	28.5	28.8	30.5	32.2	32.3	
		w360	496	587	680	786	861	947	1005	1130	1206	1312	1392	1441	1583	1681	1771	1870	1892	2035	2097	2149	
28		Ix	207	247	282	332	362	390	419	466	503	547	571	601	660	701	746	789	789	849	886	886	
		Pbrg	282	359	406	467	542	542	586	634	700	767	767	858	950	950	1117	1117	1117	1117	1222	1222	
		Wt.	7.8	9.2	10.2	11.5	12.9	14.0	14.7	15.8	16.9	18.4	19.5	20.2	22.2	23.0	24.4	25.5	27.9	28.8	29.1	29.2	
30	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1580	1700	1800	1900	2000	2100	2200	2281	2310		
	Ix	228	287	318	363	410	451	469	504	542	606	631	659	724	760	796	844	900	951	951	951		
	Pbrg	266	315	359	412	472	511	553	598	660	724	724	810	810	897	897	1054	1054	1054	1054	1054		
32	Wt.	8.4	9.8	11.0	12.5	12.9	13.9	15.2	16.7	17.2	18.6	20.0	20.5	22.5	22.7	25.5	25.7	26.6	26.7	27.8	29.5		
	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400		
	Ix	286	338	386	425	463	512	546	611	637	688	747	783	854	854	949	949	1003	1003	1069	1109		
34	Pbrg	306	372	427	496	496	537	581	641	641	703	786	786	871	871	1024	1024	1024	1024	1024	1120		



### STANDARD WEIGHT TABLE FOR LOAD/LOAD LH-SERIES JOISTS

Based on a 50 ksi Maximum Yield Strength

Joist Span [ft]	Joist Depth [in]	LRFD ASD	Total Uniformly Distributed Joist Load in Pounds per Linear Foot																																							
			750		900		1050		1200		1350		1500		1650		1800		1950		2100		2250		2400		2550		2700		2850		3000		3150		3300		3450		3600	
			500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
28	14	Wt.	12.4	15.0	17.6	19.9	22.0	24.4	27.7	29.8	31.3	36.6	37.5	40.3	43.8	43.9	49.8	50.1	52.8	56.2	56.3	63.3																				
		w360	260	312	358	408	451	499	553	590	624	713	738	786	842	859	940	956	1015	1051	1057	1142																				
		Ix	135	165	189	213	235	261	292	312	326	372	377	410	439	439	499	499	530	546	546	596																				
		Pbrg	611	767	916	1005	1123	1244	1463	1463	1600	1999	1999	1999	2315	2315	2621	2621	2621	2927	2927	3320																				
28	16	Wt.	11.1	12.9	15.1	17.6	19.3	21.4	23.4	26.8	27.9	30.0	31.5	36.8	37.0	40.5	40.9	44.0	44.4	50.0	50.4	50.5																				
		w360	304	358	422	480	527	585	635	700	753	797	842	948	968	1047	1066	1140	1164	1276	1297	1322																				
		Ix	158	186	220	253	275	301	330	372	393	421	439	503	503	556	556	595	595	677	677	677																				
		Pbrg	536	615	719	860	943	1054	1167	1373	1373	1373	1502	1875	1875	1875	1875	2172	2172	2460	2460	2460																				
28	18	Wt.	10.1	12.0	14.0	15.3	17.4	19.4	21.5	22.4	24.7	28.0	28.2	31.6	31.8	37.0	37.2	38.2	40.9	44.3	44.4	44.7																				
		w360	345	420	494	544	609	681	746	784	870	965	976	1080	1093	1233	1252	1283	1388	1486	1486	1517																				
		Ix	179	217	255	284	314	355	389	409	545	509	509	571	571	654	654	664	724	775	775	775																				
		Pbrg	440	539	626	676	808	886	991	991	1098	1291	1291	1412	1412	1763	1763	1763	1763	2042	2042	2042																				
28	20	Wt.	9.4	10.9	12.9	14.1	15.5	17.6	19.5	21.6	22.5	23.8	27.2	28.4	28.5	31.9	32.1	33.3	37.5	37.8	38.6	44.4																				
		w360	396	465	554	619	681	763	855	938	985	1050	1151	1215	1230	1361	1379	1427	1581	1603	1642	1879																				
		Ix	205	240	289	319	355	393	446	489	514	538	607	641	641	719	719	729	825	825	839	980																				
		Pbrg	363	441	544	590	637	761	835	933	933	1034	1216	1216	1216	1330	1330	1397	1661	1661	1661	1924																				
28	22	Wt.	9.3	10.9	12.9	13.6	15.0	17.1	17.9	18.6	20.4	21.8	23.8	24.8	27.2	28.4	30.1	31.7	32.0	33.9	37.4	37.5																				
		w360	470	548	660	716	795	884	964	1019	1094	1152	1265	1343	1437	1512	1606	1676	1698	1789	1949	1976																				
		Ix	247	290	350	375	419	466	503	525	571	601	660	701	746	789	849	886	886	940	1017	1017																				
		Pbrg	369	448	556	556	601	718	718	788	881	975	975	1147	1147	1147	1147	1255	1255	1318	1567	1567																				
28	24	Wt.	9.1	10.7	12.0	13.3	14.5	16.0	17.4	17.7	19.6	21.0	21.9	23.9	27.1	27.4	28.4	28.7	30.5	31.9	32.3	33.2																				
		w360	500	600	700	792	887	988	1063	1128	1263	1306	1387	1526	1693	1706	1802	1823	1940	2023	2050	2094																				
		Ix	274	336	383	420	465	521	560	581	659	691	724	796	900	900	951	951	1025	1069	1069	1085																				
		Pbrg	349	423	486	526	568	615	679	679	744	832	832	922	1084	1084	1084	1084	1084	1186	1186	1246																				
28	26	Wt.	10.1	11.4	12.3	13.5	15.7	16.0	18.0	18.4	19.9	21.6	24.4	25.1	25.4	26.2	28.5	28.8	30.7	30.8	31.1	36.1																				
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2269	2400																				
		Ix	347	395	425	476	562	585	660	688	747	814	901	949	949	1003	1109	1109	1191	1191	1191	1391																				
		Pbrg	401	460	498	538	642	642	705	705	788	873	1026	1026	1026	1026	1122	1122	1179	1179	1179	1402																				
28	28	Wt.	9.5	11.2	12.5	13.6	14.7	15.9	16.8	18.3	20.0	21.2	21.8	24.4	25.2	25.5	26.2	27.9	28.9	30.0	30.9	31.3																				
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400																				
		Ix	357	423	497	556	615	656	715	771	838	907	952	1054	1112	1112	1174	1216	1299	1316	1396	1396																				
		Pbrg	372	459	496	537	581	641	641	703	786	871	871	1024	1024	1024	1024	1120	1120	1177	1177	1177																				
30	16	Wt.	12.4	14.2	16.9	19.2	22.1	24.4	27.7	29.8	31.4	36.5	37.6	40.3	43.7	43.9	46.7	50.0	50.1	56.0	56.2	63.0																				
		w360	282	323	381	433	491	545	604	647	683	770	800	865	925	947	996	1053	1073	1144	1154	1265																				
		Ix	180	205	245	275	316	350	393	421	439	503	510	556	595	595	640	677	677	742	742	813																				
		Pbrg	584	678	793	960	1073	1189	1398	1398	1529	1910	1910	1910	2212	2212	2212	2505	2505	2797	2797	3173																				
30	18	Wt.	11.5	13.3	15.3	17.8	19.3	22.2	24.6	26.8	28.0	31.4	31.5	36.7	37.7	40.6	43.9	44.0	46.9	50.0	50.3	50.4																				
		w360	326	384	442	509	560	636	706	754	792	866	888	1001	1032	1107	1182	1206	1297	1350	1373	1401																				
		Ix	211	249	284	327	355	409	454	482	509	571	571	654	664	724	775	775	834	883	883	883																				
		Pbrg	514	590	690	824	904	1011	1120	1317	1317	1440	1440	1799	1799	1799	2083	2083	2083	2359	2359	2359																				
30	20	Wt.	10.3	12.2	13.9	15.4	17.8	19.4	21.5	23.6	24.7	27.9	28.1	31.5	32.6	37.0	37.3	40.5	40.8	44.0	44.3	46.9																				
		w360	365	436	502	553	638	694	773	837	887	986	1007	1119	1134	1263	1291	1399	1424	1525	1525	1642																				
		Ix	233	280	319	355	410	446	489	538	570	641	641	719	729	825	825	916	916	980	980	1055																				
		Pbrg	423	519	602	651	778	853	954	1056	1056	1242	1242	1359	1428	1697	1697	1697	1697	1965	1965	1965																				
30	22	Wt.	9.6	11.5	13.2	14.5	16.3	17.9	19.6	21.6	23.6	24.7	27.1	28.3	30.2	31.9	33.1	37.2	37.6	38.4	41.2	44.3																				
		w360	408	484	571	630	709	783	851	935	1027	1090	1167	1227	1304	1378	1397	1557	1582	1623	1758	1882																				
		Ix	259	309	366	405	451	503	547	601	660	701	746	789	849	886	898	1017	1017	1035	1130	1210																				
		Pbrg	377	458	526	569	666	735	806	901	998	998	1174	1174	1174	1284	1349	1603	1603	1603	1603	1857																				
30	24	Wt.	9.0	10.9	12.4	13.8	15.4	16.7	18.2	19.7	21.8	22.7	24.9	27.3	28.5	28.9	31.9	32.3	33.4	37.5	37.9	38.7																				
		w360	441	553	619	704	784	873	943	1025	1126	1182	1313	1385	1463	1480	1642	1664	1688	1912	1912	1963																				
		Ix	282	352	398	451	504	561	606	659	724	760	844	900	951	951	1069	1069	1085	1229	1229	1252																				
		Pbrg	318	403	464	539	582	630	695	763	853	853	945	1111	1111	1111	1215	1215	1277	1517	1517	1517																				
30	26	Wt.	9.1	10.5	12.0	13.6	15.1	16.3	17.7	19.2	19.8	21.9	24.0	24.2	27.4	28.6	28.8	32.0	32.3	33.4	37.6	37.9																				
		w360	500	600	700	793	894	987	1070	1149	1215	1335	1449	1497	1640	1737	1757	1951	1951	2021	2240	2275																				
		Ix	339	387	452	514	574	641	688	748	781	858	944	944	1069	1129	1129	1271	1271	1290	1462	1462																				
		Pbrg	315	382	440	511	552	597	659	723	723	808	895	895	1053	1053	1053	1152	1152	1210	1438	1438																				
30	28	Wt.	8.6	10.2	11.8	13.4	14.1	15.3	16.9	18.0	19.5	21.3	22.3	24.1	24.3	27.6	27.9	29.1	30.6	32.4	33.4	33.7																				
		w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2370																				
		Ix	361	438	514	580	623	670	749	805	874	958	1005	1105	1105	1251	1251	1323	1376	1489	1513	1513																				
		Pbrg	293	349	427	496	496	537	581	641	703	786	786	871	871	1024	1024	1024	1120	1120	1177	1177																				
30	30	Wt.	10.4	11.9</																																						

**STANDARD WEIGHT TABLE FOR LOAD/LOAD LH-SERIES JOISTS**

Based on a 50 ksi Maximum Yield Strength

Joist Span (ft)	Joist Depth (in)	Total Uniformly Distributed Joist Load in Pounds per Linear Foot																																									
		LRFD	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600	ASD	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
		This section contains the main body of the table, which is a grid of data points for various joist spans and depths. The data is organized into groups for spans 32, 34, and 36 feet. Each group contains rows for different joist depths (16, 18, 20, 22, 24, 26, 28, 30, 32 inches). For each depth, there are rows for different joist series (Wt., w360, lx, Pbrg) and their corresponding load values for the 28 different load categories.																																									



**STANDARD WEIGHT TABLE FOR LOAD/LOAD LH-SERIES JOISTS**

Based on a 50 ksi Maximum Yield Strength

Total Uniformly Distributed Joist Load in Pounds per Linear Foot

Joist Span (ft)	Joist Depth (in)	LRFD ASD	Total Uniformly Distributed Joist Load in Pounds per Linear Foot																			
			750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600
36	18	Wt.	15.2	19.2	22.1	24.5	27.9	31.3	36.6	37.6	40.6	43.9	46.7	50.0	52.8	56.3	59.1	63.3	66.7	74.0	80.6	80.9
		w360	257	319	367	407	457	512	577	601	650	695	748	792	842	870	901	955	1016	1097	1175	1194
		Ix	284	355	409	454	509	571	654	664	724	775	834	883	939	970	1005	1065	1133	1214	1310	1310
		Pbrg	723	948	1060	1174	1380	1510	1886	1886	1886	2184	2184	2473	2473	2762	2762	3132	3132	3792	3792	3792
	20	Wt.	14.2	16.4	19.3	22.2	24.6	28.0	30.0	31.7	37.0	40.6	40.8	44.1	46.9	50.3	53.1	56.4	59.2	63.4	63.6	67.4
		w360	305	345	405	461	511	575	611	654	728	806	821	879	947	1003	1065	1103	1144	1213	1213	1291
		Ix	331	380	446	514	570	641	689	719	825	916	916	980	1055	1118	1188	1230	1276	1352	1352	1439
		Pbrg	634	742	898	1004	1112	1307	1307	1430	1786	1786	1786	2068	2068	2342	2342	2615	2615	2966	2966	2966
	22	Wt.	12.6	15.2	17.7	20.0	22.2	24.5	27.8	29.8	31.5	36.6	37.6	40.4	43.6	46.4	46.8	50.0	52.5	55.9	56.0	59.2
		w360	322	390	451	512	566	629	699	752	795	898	936	1013	1086	1168	1168	1238	1316	1364	1364	1444
		Ix	354	435	503	571	631	701	789	849	886	1017	1035	1130	1210	1302	1302	1380	1468	1521	1521	1580
		Pbrg	518	650	776	851	952	1054	1240	1240	1356	1693	1693	1693	1961	1961	1961	2221	2221	2480	2480	2480
38	24	Wt.	11.9	14.4	16.4	18.5	20.3	22.4	24.7	28.0	30.1	31.6	33.8	37.9	40.6	40.8	44.2	46.7	47.2	50.3	53.1	56.3
		w360	361	436	503	574	617	682	757	844	908	959	1027	1132	1226	1226	1314	1414	1414	1499	1593	1654
		Ix	399	486	561	632	688	760	844	951	1025	1069	1136	1252	1367	1367	1464	1576	1576	1671	1777	1844
		Pbrg	460	571	668	737	808	904	1001	1177	1177	1288	1353	1608	1608	1608	1863	1863	1863	2109	2109	2355
	26	Wt.	11.5	13.6	15.5	17.4	19.5	21.6	23.6	26.9	28.2	31.4	31.7	35.9	37.3	38.2	40.8	44.2	44.4	47.2	50.3	50.9
		w360	396	476	555	618	701	770	847	940	1001	1112	1140	1245	1311	1347	1459	1563	1563	1684	1754	1784
		Ix	439	533	619	688	781	858	944	1069	1129	1271	1271	1391	1462	1490	1627	1743	1743	1877	1989	1989
		Pbrg	437	543	587	701	769	859	952	1119	1119	1224	1224	1529	1529	1529	1529	1771	1771	1771	2005	2005
	28	Wt.	10.9	13.1	14.3	16.6	18.2	19.7	21.8	23.9	27.3	28.3	29.9	31.9	33.0	37.4	37.5	38.6	44.4	44.6	45.0	50.6
		w360	434	520	588	679	754	830	915	1010	1101	1173	1232	1336	1357	1512	1539	1580	1798	1835	1835	2059
		Ix	485	585	648	749	840	913	1005	1105	1251	1323	1376	1489	1513	1715	1715	1748	2046	2046	2046	2336
		Pbrg	387	477	517	605	667	732	818	906	1066	1066	1166	1166	1225	1456	1456	1456	1686	1686	1686	1909
30	Wt.	12.3	13.2	15.4	17.3	18.6	20.9	23.0	26.0	27.0	27.3	29.9	31.7	32.9	33.1	37.5	37.6	38.2	44.2	44.6	44.8	
	w360	500	591	698	787	848	967	1059	1182	1274	1285	1397	1510	1545	1566	1742	1783	1819	2086	2130	2130	
	Ix	597	670	800	895	967	1108	1214	1360	1449	1449	1594	1726	1754	1754	1988	1988	2028	2374	2374	2374	
	Pbrg	496	496	581	641	703	786	871	1024	1024	1024	1120	1120	1177	1177	1399	1399	1399	1620	1620	1620	
32	Wt.	11.7	12.9	15.2	17.0	17.7	20.4	21.1	23.1	26.1	27.2	27.7	30.0	32.8	33.1	36.4	37.7	37.8	38.9	44.4	44.8	
	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1473	1600	1700	1782	1900	1998	2046	2089	2300	2400	
	Ix	642	733	876	984	1025	1212	1269	1391	1558	1661	1661	1827	2013	2013	2170	2281	2281	2328	2726	2726	
	Pbrg	459	496	581	641	641	786	786	871	1024	1024	1024	1120	1177	1177	1399	1399	1399	1399	1620	1620	
36	Wt.	12.7	14.8	15.5	18.5	20.2	23.1	23.3	23.9	25.9	27.7	28.5	32.6	33.1	34.0	38.3	39.2	39.6	43.2	43.3	47.3	
	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
	Ix	810	942	1068	1237	1341	1540	1615	1700	1845	1977	2096	2391	2391	2548	2686	2954	2954	3090	3090	3365	
	Pbrg	537	641	641	786	871	1024	1024	1024	1120	1177	1177	1399	1399	1399	1620	1620	1620	1834	1834	2048	



**STANDARD WEIGHT TABLE FOR LOAD/LOAD LH-SERIES JOISTS**

Based on a 50 ksi Maximum Yield Strength

Joist Span (ft)	Joist Depth (in)	Total Uniformly Distributed Joist Load in Pounds per Linear Foot																											
		LRFD	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600							
		ASD	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400							
40	20	Wt.	16.9	20.1	23.2	27.8	30.0	32.8	40.3	40.6	46.6	46.9	50.2	53.1	59.0	63.2	66.6	67.1	80.5	80.7	80.9	81.8							
		w360	259	312	360	419	456	497	587	598	689	689	744	784	833	882	940	966	1090	1107	1090	1126							
		Ix	396	465	543	641	689	752	916	916	1055	1055	1118	1188	1276	1352	1439	1439	1670	1670	1670	1712							
	22	Pbrg	761	921	1030	1341	1341	1467	1833	1833	2123	2123	2404	2404	2684	3044	3044	3044	3685	3685	3685	3756							
		Wt.	15.2	19.1	22.0	24.4	27.7	31.0	36.3	37.4	40.2	43.6	46.3	49.7	52.5	55.6	58.7	62.6	66.4	66.5	73.5	79.8							
		w360	287	357	412	458	515	578	653	681	737	790	850	901	958	993	1031	1094	1164	1164	1252	1375							
	24	Ix	435	547	631	701	789	886	1017	1035	1130	1210	1302	1380	1468	1521	1580	1676	1784	1784	1917	2075							
		Pbrg	668	875	979	1084	1275	1394	1741	1741	2017	2017	2284	2284	2550	2550	2893	2893	2893	2893	3502	3502							
		Wt.	14.3	16.9	20.1	22.2	24.6	28.0	31.3	33.6	37.6	40.4	43.7	44.0	46.9	50.1	52.9	56.0	59.0	63.0	66.7	66.9							
	26	w360	317	381	449	496	551	621	698	747	824	892	956	978	1029	1091	1160	1204	1251	1328	1414	1414							
		Ix	486	584	688	760	844	951	1069	1136	1252	1367	1464	1464	1576	1671	1777	1844	1918	2035	2166	2166							
		Pbrg	588	688	833	931	1031	1212	1326	1394	1657	1657	1919	1919	2172	2172	2426	2426	2672	2752	2752								
28	Wt.	14.0	16.5	18.5	21.5	24.5	27.9	28.2	31.7	33.8	37.1	40.7	44.0	44.3	47.1	50.2	50.6	56.3	56.7	58.5	63.9								
	w360	363	429	495	560	644	712	737	830	888	938	1042	1115	1138	1225	1299	1299	1419	1435	1495	1586								
	Ix	555	664	748	858	1002	1129	1129	1271	1351	1462	1627	1743	1743	1877	1989	1989	2199	2199	2290	2429								
30	Pbrg	560	655	723	887	982	1155	1155	1263	1328	1578	1578	1827	1827	2069	2069	2311	2311	2511	2621									
	Wt.	13.1	15.5	18.0	19.6	22.4	24.8	28.2	30.3	31.9	34.0	37.4	40.8	41.2	44.5	47.3	50.5	50.9	53.6	57.0	57.1								
	w360	393	467	542	596	689	765	854	920	972	1042	1101	1223	1246	1336	1407	1498	1525	1623	1687	1687								
32	Ix	606	723	840	913	1055	1172	1323	1427	1489	1585	1715	1909	1909	2046	2204	2336	2336	2486	2585	2585								
	Pbrg	493	577	690	756	846	937	1101	1101	1205	1266	1505	1505	1743	1743	1973	1973	1973	2204	2204									
	Wt.	12.8	14.8	17.3	19.0	21.7	23.8	27.2	28.4	30.0	32.7	36.2	37.3	38.4	44.3	44.3	44.9	50.4	51.1	54.3	56.6								
36	w360	427	505	578	652	747	823	927	988	1039	1139	1214	1276	1324	1518	1550	1550	1739	1770	1816	1937								
	Ix	653	774	895	1011	1162	1279	1449	1532	1594	1754	1891	1988	2028	2374	2374	2711	2711	2813	3003									
	Pbrg	471	551	568	722	807	894	1051	1051	1150	1208	1436	1436	1664	1664	1884	1884	1884	2104	2104									
40	Wt.	12.1	13.9	16.2	17.8	20.0	22.0	24.2	27.4	28.6	30.3	33.0	36.4	37.6	38.6	44.5	44.7	45.2	48.3	50.8	51.6								
	w360	460	544	621	704	789	869	956	1072	1146	1205	1307	1385	1490	1520	1743	1780	1890	1890	2034	2034								
	Ix	695	822	951	1065	1209	1332	1465	1661	1756	1827	2013	2170	2281	2328	2726	2726	2726	2878	3115	3115								
42	Pbrg	427	496	581	641	703	786	871	1024	1024	1120	1177	1399	1399	1620	1620	1834	1834	1834	2048									
	Wt.	12.9	14.9	16.9	18.6	20.4	22.4	25.4	26.5	27.7	29.3	31.2	33.2	36.5	36.8	38.0	42.2	44.6	45.2	48.2	49.0								
	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1789	1900	2000	2100	2200	2300	2376								
44	Ix	912	1076	1207	1359	1550	1692	1890	1997	2129	2210	2379	2584	2786	2786	2930	3187	3504	3504	3700	3700								
	Pbrg	496	581	641	703	786	871	1024	1024	1120	1177	1399	1399	1620	1620	1834	1834	1834	2048	2048									
	Wt.	14.8	16.2	18.2	20.1	23.0	23.3	25.7	27.4	27.9	31.7	32.9	36.4	38.4	42.3	42.7	43.2	47.3	47.4	48.5	50.7								
46	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400								
	Ix	1119	1301	1473	1669	1917	2012	2298	2466	2667	2777	2984	3135	3352	3860	3860	4208	4208	4319	4795									
	Pbrg	641	703	786	871	1024	1024	1120	1177	1399	1399	1620	1620	1834	1834	1834	2048	2048	2048	2048									
48	Wt.	16.9	20.1	23.0	27.7	29.8	32.5	37.5	40.3	43.8	46.6	49.9	52.9	58.5	62.8	66.5	66.7	79.6	80.1	80.3	81.1								
	w360	273	322	376	439	478	528	588	637	682	734	778	827	891	944	1005	1005	1142	1169	1169	1207								
	Ix	485	571	667	789	849	926	1035	1130	1210	1302	1380	1468	1580	1676	1784	1784	2075	2075	2075	2126								
50	Pbrg	732	886	990	1290	1290	1411	1762	1762	2041	2041	2311	2311	2581	2928	2928	2928	3544	3544	3544	3612								
	Wt.	15.8	19.3	22.2	24.6	28.0	30.1	32.8	37.7	40.6	43.9	46.8	50.2	52.9	56.2	59.2	63.2	67.0	67.2	74.2	80.5								
	w360	304	371	428	476	536	585	638	711	770	825	888	941	1002	1039	1081	1146	1220	1220	1314	1441								
52	Ix	540	659	760	844	951	1025	1118	1252	1367	1464	1576	1671	1777	1844	1918	2035	2166	2166	2331	2527								
	Pbrg	644	844	943	1045	1228	1228	1343	1678	1678	1943	1943	2200	2200	2458	2458	2787	2787	2787	3374	3374								
	Wt.	14.6	17.9	20.2	22.4	24.7	28.0	31.4	36.7	37.8	40.6	43.9	46.8	50.1	50.2	53.2	56.4	59.4	63.4	67.1	67.4								
54	w360	324	400	460	508	564	643	716	810	846	917	982	1057	1121	1121	1192	1239	1290	1368	1457	1457								
	Ix	575	718	816	902	1002	1129	1271	1462	1490	1627	1743	1877	1989	1989	2117	2199	2290	2429	2587	2587								
	Pbrg	568	733	804	899	996	1171	1281	1599	1599	1852	1852	2097	2097	2342	2342	2657	2657	2657	2657									
56	Wt.	14.0	16.6	19.5	21.6	24.6	28.0	30.1	31.7	37.1	28.0	40.9	44.1	44.5	47.4	50.5	53.5	56.6	57.0	59.8	64.2								
	w360	366	432	515	566	660	737	794	839	950	992	1076	1153	1153	1242	1316	1401	1456	1456	1519	1611								
	Ix	648	776	913	1005	1172	1323	1427	1489	1715	1748	1909	2046	2046	2204	2336	2486	2585	2585	2695	2859								
58	Pbrg	542	634	767	858	950	1117	1117	1222	1526	1526	1526	1768	1768	1768	2001	2001	2235	2235	2235	2535								
	Wt.	13.7	16.3	18.0	21.3	23.5	26.8	28.1	31.3	32.6	36.8	37.2	40.6	44.1	44.2	50.0	50.2	51.0	56.3	56.5	56.8								
	w360	399	482	547	645	711	801	853	948	983	1101	1135	1224	1310	1337	1501	1527	1527	1672	1692	1714								
60	Ix	719	865	971	1162	1279	1449	1532	1726	1754	1988	1988	2215	2374	2374	2711	2711	2711	3003	3003	3003								
	Pbrg	517	605	668	819	908																							

**STANDARD WEIGHT TABLE FOR LOAD/LOAD LH-SERIES JOISTS**

Based on a 50 ksi Maximum Yield Strength

Joist Span (ft)	Joist Depth (in)	Total Uniformly Distributed Joist Load in Pounds per Linear Foot																					
		LRFD	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600	
		ASD	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
44	22	Wt.	19.1	21.9	25.4	29.6	32.3	37.4	40.2	46.2	46.4	52.3	55.6	58.5	65.9	66.1	73.6	79.6	80.0	81.0	90.1	97.8	
		w360	288	309	361	410	453	511	553	638	638	719	745	774	857	873	938	1032	1017	1049	1177	1210	
		Ix	547	631	737	849	926	1035	1130	1302	1302	1468	1521	1580	1784	1784	1917	2075	2074	2126	2344	2540	
		Pbrg	896	1001	1109	1304	1427	1782	1782	2064	2064	2337	2610	2610	2960	2960	3583	3583	3583	3652	4431	4431	
	24	Wt.	17.0	20.1	23.2	27.8	29.9	32.6	37.6	40.4	43.8	46.7	50.0	52.8	56.2	62.8	66.3	67.0	74.0	80.0	80.5	81.5	
		w360	286	337	394	460	502	554	618	669	717	772	818	870	904	996	1061	1061	1141	1255	1237	1276	
		Ix	584	688	804	951	1025	1118	1252	1367	1464	1576	1671	1777	1844	2035	2166	2166	2331	2527	2527	2587	
		Pbrg	705	853	954	1243	1243	1359	1698	1698	1966	1966	2226	2226	2487	2820	2820	2820	3414	3414	3414	3479	
	26	Wt.	15.8	19.4	22.2	24.6	28.0	31.5	36.7	37.8	40.7	44.0	46.8	50.3	52.9	56.3	59.3	63.4	67.2	74.2	74.4	80.7	
		w360	313	382	442	491	553	622	704	735	797	853	919	974	1036	1077	1121	1189	1267	1335	1364	1502	
		Ix	640	781	902	1002	1129	1271	1462	1490	1627	1743	1877	1989	2117	2199	2290	2429	2587	2786	2786	3024	
		Pbrg	621	814	910	1008	1185	1297	1619	1619	1919	1876	1876	2124	2124	2372	2372	2690	2690	3256	3256	3256	
	28	Wt.	15.1	18.0	20.4	23.7	27.0	30.1	31.8	37.2	38.2	41.1	44.4	47.2	50.5	50.6	56.5	56.8	63.7	63.9	67.6	74.8	
		w360	341	407	468	534	610	690	729	826	863	935	1002	1079	1144	1166	1266	1266	1400	1400	1491	1618	
		Ix	696	840	955	1105	1251	1427	1489	1715	1748	1909	2046	2204	2336	2336	2585	2585	2859	2859	3045	3283	
		Pbrg	593	709	777	963	1132	1132	1238	1546	1546	1546	1791	1791	2028	2028	2265	2265	2569	2569	2569	3109	
	30	Wt.	15.3	17.3	19.4	22.0	26.7	27.8	31.3	32.4	36.8	37.8	43.7	43.9	44.3	49.9	50.4	56.4	56.5	56.8	63.0	63.6	
		w360	388	450	517	598	696	741	824	855	957	1000	1139	1162	1190	1304	1327	1453	1471	1490	1628	1628	
		Ix	800	930	1056	1221	1449	1532	1726	1754	1988	2028	2374	2374	2711	2711	3003	3003	3003	3325	3325	3325	
		Pbrg	614	677	743	831	1082	1082	1183	1244	1478	1478	1712	1712	1938	1938	2165	2165	2165	2455	2455	2455	
	32	Wt.	14.5	17.2	18.8	21.4	23.5	27.0	28.2	31.5	32.6	37.1	38.1	44.0	44.1	44.6	50.2	50.7	56.1	56.8	57.0	63.3	
		w360	417	491	560	657	717	805	860	956	986	1118	1140	1307	1335	1366	1526	1526	1670	1691	1691	1873	
		Ix	849	1025	1157	1332	1465	1661	1756	1979	2013	2281	2328	2726	2726	2726	3115	3115	3453	3453	3453	3826	
		Pbrg	543	648	711	795	880	1035	1035	1132	1190	1414	1414	1638	1638	1638	1855	1855	2071	2071	2071	2349	
	36	Wt.	13.5	15.3	17.9	19.5	22.0	24.3	27.6	28.8	30.4	33.2	36.6	38.1	38.9	44.8	45.4	48.6	51.1	51.9	55.0	57.9	
		w360	476	554	659	725	835	919	1031	1090	1160	1259	1342	1435	1465	1716	1716	1782	1961	1961	2038	2177	
		Ix	978	1131	1362	1481	1705	1876	2129	2251	2342	2584	2786	2930	2992	3504	3504	3700	4005	4005	4163	4447	
		Pbrg	496	537	641	703	786	871	1024	1024	1120	1177	1399	1399	1399	1399	1620	1620	1834	1834	2048	2048	
	40	Wt.	13.8	16.3	18.4	20.2	22.5	25.6	26.6	29.0	31.0	31.5	36.5	37.1	38.2	41.7	42.5	48.2	48.6	49.2	54.5	54.7	
		w360	500	600	700	880	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
		Ix	1197	1436	1621	1843	2107	2356	2490	2756	2968	2968	3480	3480	3659	3892	3984	4626	4626	4626	5212	5212	
		Pbrg	537	641	703	786	871	1024	1024	1120	1177	1399	1399	1399	1399	1620	1620	1834	1834	2048	2048	2323	
	44	Wt.	14.9	17.6	22.2	22.8	24.7	26.6	27.6	31.8	32.2	36.4	38.5	41.5	42.7	46.3	47.4	47.5	48.0	50.9	55.6	55.8	
		w360	500	600	400	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
		Ix	1426	1723	2122	2225	2523	2836	3010	3389	3389	3827	4093	4263	4716	4855	5146	5146	5284	5868	6158	6158	
		Pbrg	553	786	1024	1024	1120	1177	1399	1399	1620	1620	1834	1834	2048	2048	2048	2048	2048	2323	2323	2323	
	46	24	Wt.	19.2	22.1	25.6	29.8	32.6	37.5	40.5	44.0	46.9	50.1	55.9	59.0	63.2	66.7	74.1	80.2	80.4	81.6	90.3	98.5
			w360	282	326	381	434	479	540	585	627	675	729	790	821	871	928	998	1098	1082	1116	1191	1289
			Ix	659	760	889	1025	1118	1252	1367	1464	1576	1671	1844	1918	2035	2166	2331	2527	2527	2587	2782	3096
			Pbrg	863	964	1068	1256	1374	1716	1716	1988	1988	2251	2514	2514	2851	2851	3451	3451	3517	3517	4267	4267
		26	Wt.	17.1	21.3	24.4	27.8	31.3	36.5	37.6	40.5	43.9	46.8	50.0	55.8	56.3	62.9	66.6	66.7	74.2	80.3	80.5	81.7
			w360	296	362	423	478	537	616	643	697	746	804	852	931	942	1040	1108	1183	1314	1296	1334	1334
			Ix	691	858	1002	1129	1271	1462	1490	1627	1743	1877	1989	2199	2199	2429	2587	2587	2786	3024	3024	3094
			Pbrg	680	921	1020	1199	1311	1638	1638	1638	1897	1897	2148	2399	2399	2721	2721	2721	3294	3294	3294	3356
		28	Wt.	16.5	19.4	22.3	24.8	28.0	31.5	36.9	37.9	40.8	44.2	47.2	50.3	53.2	56.6	59.4	63.7	67.0	74.5	74.7	80.8
			w360	329	391	452	502	567	638	722	754	818	876	944	1000	1065	1107	1154	1225	1304	1375	1406	1549
			Ix	776	913	1055	1172	1323	1489	1715	1748	1909	2046	2204	2336	2486	2585	2695	2859	3045	3283	3283	3568
			Pbrg	650	787	879	974	1145	1253	1565	1565	1565	1813	1813	2052	2052	2292	2292	2600	2600	3147	3147	3147
30		Wt.	15.4	18.0	21.5	24.6	28.0	30.2	31.8	37.0	40.4	44.0	44.2	47.0	50.6	53.0	56.7	59.3	63.3	63.9	67.0	74.3	
		w360	358	416	490	573	648	699	739	837	930	996	1017	1095	1161	1236	1287	1342	1424	1424	1517	1647	
		Ix	835	971	1162	1357	1532	1653	1726	1988	2215	2374	2374	2557	2711	2886	3003	3133	3325	3325	3542	3821	
		Pbrg	574	686	841	932	1096	1096	1198	1497	1497	1734	1734	1963	1963	2192	2192	2486	2486	2486	2866	3010	
32		Wt.	14.5	18.0	19.7	22.6	25.0	28.4	31.7	32.8	37.3	40.8	44.2	44.4	47.4	50.8	51.0	57.0	57.3	63.7	63.9	67.4	
		w360	384	476	518	599	666	752	837	862	977	1083	1167	1167	1258	1334	1334	1478	1478	1638	1638	1746	
		Ix	888	1111	1209	1399	1555	1756	1979	2013	2281	2544	2726	2726	2937	3115	3115	3453	3453	3826	3826	4076	
		Pbrg	509	657	720	805	892	1049	1147	1206	1433	1433	1660	1660	1660	1879	1879	2099	2099	2380	2380	2380	
36		Wt.	14.0	17.4	18.4	21.1	24.0	27.2	28.5	31.8	32.8	37.4	37.8	44.0	44.6	44.8	50.6	50.8	54.6	56.9	57.5	61.6	
		w360	451	549	609	695	792	894	953	1060	1101	1233	1272	1443	1501	1501	1715	1715	1783	1904	1904	1981	
		Ix	1050	1310	1422	1623	1876	2129	2251	2539	2584	2930	2930	3504	3504	3504	4008	4008	4005	4163	4447	4447	
		Pbrg	496	641	641	786	871	1024	1024	1120	1177	1399	1399	1620	1620	1620	1834	1834	2048	2048	2048	2323	
40		Wt.	15.																				









STANDARD WEIGHT TABLE FOR LOAD/LOAD LH-SERIES JOISTS																						
Based on a 50 ksi Maximum Yield Strength																						
Joist Span (ft)	Joist Depth (in)	Total Uniformly Distributed Joist Load in Pounds per Linear Foot																				
		LRFD	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600
60	30	ASD	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
		Wt.	24.4	29.7	36.4	40.0	46.2	49.6	52.6	58.6	66.1	73.6	79.7	80.0	89.7	97.8	98.7	98.9	108.3	116	116.9	117.3
		w360	270	329	376	426	492	522	555	603	681	739	810	810	881	954	982	982	1061	1157	1157	1157
		Ix	1357	1653	1988	2215	2557	2711	2886	3133	3542	3821	4157	4157	4582	5104	5104	5104	5522	6016	6016	6016
	Pbrg	995	1170	1599	1599	1852	2097	2097	2341	2656	3215	3215	3215	3975	3975	3975	3975	4717	4717	4717	4717	
	32	Wt.	23.1	27.8	31.4	37.5	40.6	46.6	49.9	55.8	62.7	66.4	73.9	80.0	80.3	81.6	90.8	99.0	99.3	99.6	116.3	117.2
		w360	294	338	381	448	489	565	599	663	736	784	847	922	922	964	1067	1132	1132	1161	1336	1336
		Ix	1480	1756	1979	2328	2544	2937	3115	3453	3826	4076	4402	4793	4793	4893	5400	5887	5887	5887	6942	6942
		Pbrg	863	1124	1229	1535	1535	1778	2013	2248	2550	3087	3087	3087	3145	3816	3816	3816	4529	4529	4529	
	36	Wt.	21.6	24.7	29.8	35.4	37.7	43.8	44.2	50.1	55.9	56.5	63.1	66.9	73.9	80.1	80.4	81.5	90.9	98.8	99.0	100.0
		w360	339	396	484	522	579	660	690	770	845	855	949	1012	1094	1208	1193	1224	1315	1425	1466	1466
		Ix	1705	1991	2432	2786	2992	3504	3504	4005	4447	4447	4936	5259	5687	6202	6202	6325	6839	7624	7624	7624
		Pbrg	797	883	1038	1418	1418	1643	1643	1860	2077	2077	2356	2356	2852	2852	2907	3527	3527	3527		
	40	Wt.	19.7	23.8	28.1	31.6	37.1	38.1	44.1	44.6	50.5	51.1	56.6	59.8	63.9	67.0	74.5	80.3	81.4	82.3	91.1	91.7
		w360	383	465	634	694	682	724	826	843	963	963	1071	1121	1190	1268	1374	1517	1499	1537	1653	1664
		Ix	1926	2338	2807	3169	3659	3739	4381	4381	5009	5009	5568	5829	6187	6594	7139	7795	7795	7943	8598	8771
		Pbrg	703	871	1024	1120	1399	1399	1620	1620	1834	1834	2048	2048	2323	2323	2812	2812	2812	2866	3477	3477
	44	Wt.	20.2	25.1	27.1	30.6	32.6	36.3	40.7	44.3	47.9	53.3	53.8	56.9	57.3	63.6	64.2	74.4	74.7	75.7	81.3	90.7
		w360	441	536	610	685	744	815	910	1030	1070	1212	1212	1311	1311	1458	1458	1693	1685	1693	1841	1994
		Ix	2352	2874	3239	3623	3941	4251	4755	5356	5656	6378	6378	6815	6815	7582	7582	8757	8757	8757	9572	10560
		Pbrg	786	1024	1024	1177	1177	1399	1620	1620	1834	2048	2048	2048	2048	2323	2323	2812	2812	2812	2812	3477
	48	Wt.	18.3	21.4	26.3	27.8	30.6	36.5	37.0	41.6	45.0	48.3	49.0	55.1	55.2	61.9	63.3	64.7	72.7	75.8	76.0	76.4
		w360	457	559	578	738	812	942	978	1091	1237	1285	1339	1456	1483	1639	1666	1754	1891	2038	2028	2036
		Ix	2374	2948	3640	3881	4271	5099	5099	5704	6429	6790	6790	7663	7663	8666	8666	9119	9832	10541	10541	
Pbrg		641	786	1024	1024	1120	1399	1399	1620	1620	1834	1834	2048	2048	2323	2323	2323	2812	2812	2812		
52	Wt.	21.0	24.3	27.3	29.1	33.5	37.9	39.9	44.5	48.6	51.0	51.5	52.4	58.6	58.9	68.5	70.1	71.5	72.7	72.8	75.8	
	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2241	2400	
	Ix	3000	3648	4202	4517	5157	5796	6389	7072	7508	8339	8339	8339	9559	9559	11009	11009	11650	11650	12493		
	Pbrg	871	1024	1120	1177	1399	1620	1620	1834	2048	2048	2048	2048	2323	2323	2812	2812	2812	2812	2812		
56	Wt.	20.0	24.6	26.0	28.1	30.6	35.2	37.2	40.7	45.3	46.2	51.8	52.9	53.2	56.0	60.1	61.7	71.8	72.1	73.4	73.8	
	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
	Ix	3230	4038	4473	4898	5636	6409	7028	7453	8251	8472	9738	9738	9738	10589	11164	11164	12866	12866	13624	13624	
	Pbrg	786	1024	1024	1120	1177	1399	1399	1620	1834	1834	2048	2048	2048	2048	2323	2323	2812	2812	2812		
60	Wt.	22.7	26.2	29.9	34.4	35.6	39.7	44.8	45.7	46.3	51.7	52.4	61.8	62.8	63.1	66.0	66.1	77.2	78.6	80.7	81.1	
	w360	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
	Ix	3813	4593	5373	6331	6756	7573	8347	9285	9285	10267	10267	12535	12535	12535	13780	13780	14797	14797	16061	16061	
	Pbrg	1024	1177	1399	1620	1620	1834	2048	2048	2048	2323	2323	2812	2812	2812	2812	3477	3477	3477			

