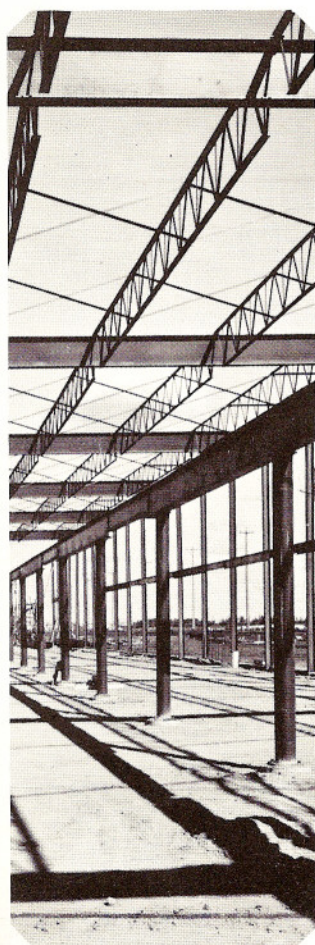




OPEN WEB STEEL JOISTS

JOIST DIMENSIONS AND PROPERTIES



JOIST DIMENSIONS AND PROPERTIES - *continued*

JOIST TYPE	NOMINAL DEPTH	CHORD SIZE		INTERIOR PANEL 'P'	ACTUAL DEPTH	SPACE BETWEEN CHORDS	MOMENT OF INERTIA	MOMENT OF RESISTANCE
	In.	Top	Btm.	In.	In.	In.	In. ⁴	Ft.-Kips
30E	30	E	D	24	30.148	27.75	348.8	60.60
30F	30	F	E	24	30.184	27.75	415.0	71.80
30G	30	G	F	24	30.228	27.75	496.3	85.50
30H	30	H	G	24	30.336	27.75	592.1	102.10
30J	30	J	H	24	30.451	27.75	704.4	121.10
30K	30	K	J	24	30.563	27.75	816.5	136.61
30L	30	L	K	24	30.666	27.75	928.2	154.72
32C	32	C	B	24	32.016	29.75	279.1	45.20
32D	32	D	C	24	32.060	29.75	335.9	54.60
32E	32	E	D	24	32.148	29.75	398.2	64.90
32F	32	F	E	24	32.184	29.75	473.6	76.70
32G	32	G	F	24	32.228	29.75	566.2	91.50
32H	32	H	G	24	32.336	29.75	675.3	108.80
32J	32	J	H	24	32.451	29.75	803.1	129.50
32K	32	K	J	24	32.563	29.75	930.7	145.86
32L	32	L	K	24	32.666	29.75	1057.6	165.16
36C	36	C	B	24	36.016	33.75	355.6	51.00
36D	36	D	C	24	36.060	33.75	427.6	61.50
36E	36	E	D	24	36.148	33.75	506.8	73.10
36F	36	F	E	24	36.184	33.75	602.4	86.40
36G	36	G	F	24	36.228	33.75	719.7	103.00
36H	36	H	G	24	36.336	33.75	858.0	122.80
36J	36	J	H	24	36.451	33.75	1020.	146.00
36K	36	K	J	24	36.563	33.75	1181.	164.36
36M	36	M	X	48	35.859	31.25	1368.	181.24
36N	36	N	X	48	35.914	31.25	1450.	205.65
36P	36	P	M	48	36.002	31.25	1573.	223.11
36Q	36	Q	N	48	36.122	31.25	1757.	259.57
36R	36	R	P	48	36.248	31.25	1952.	277.52
42B	42	B	B	24	42.014	39.75	446.0	48.80
42C	42	C	B	24	42.016	39.75	487.7	59.70
42D	42	D	C	24	42.060	39.75	586.1	72.00
42E	42	E	D	24	42.148	39.75	694.4	85.60
42F	42	F	E	24	42.184	39.75	824.7	101.00
42G	42	G	F	24	42.228	39.75	984.5	120.50
42H	42	H	G	24	42.336	39.75	1173.	143.40
42J	42	J	H	24	42.451	39.75	1393.	170.80
42K	42	K	J	24	42.563	39.75	1614.	192.10
42M	42	M	X	48	41.859	37.25	1901.	213.80
42N	42	N	X	48	41.914	37.25	2015.	242.33
42P	42	P	M	48	42.002	37.25	2183.	264.29
42Q	42	Q	N	48	42.122	37.25	2437.	305.71
42R	42	R	P	48	42.248	37.25	2705.	328.76
48M	48	M	X	48	47.859	43.25	2521.	246.37
48N	48	N	X	48	47.914	43.25	2672.	279.01
48P	48	P	M	48	48.002	43.25	2892.	305.48
48Q	48	Q	N	48	48.122	43.25	3228.	351.84
48R	48	R	P	48	48.248	43.25	3581.	379.98

CLEAR SPAN	JOIST TYPE	JOIST WEIGHT PER FT. IN LBS.	TOTAL SAFE LOAD PER FT. IN LBS.	CLEAR SPAN	JOIST TYPE	JOIST WEIGHT PER FT. IN LBS.	TOTAL SAFE LOAD PER FT. IN LBS.	CLEAR SPAN	JOIST TYPE	JOIST WEIGHT PER FT. IN LBS.	TOTAL SAFE LOAD PER FT. IN LBS.		
56 FEET Continued	36J	14.58	372 226	58 FEET Continued	36P	22.86	530 315	60 FEET Continued	42G	11.36	267 178		
	36K	16.70	417 258		36Q	25.36	617 353		42H	13.19	318 212		
	36M	20.23	462 315		42E	8.56	203 139		42J	15.27	379 251		
	36N	20.81	524 333		42F	9.89	240 165		42K	17.08	427 290		
	36P	22.93	569 350		42G	11.40	286 197		42M	20.60	475 355		
	42E	8.63	218 154		42H	13.18	341 234		42N	22.11	538 376		
	42F	9.95	257 183		42J	15.06	406 278		42P	23.44	587 395		
	42G	11.45	307 218		42K	17.11	457 321		48M	21.13	547 470		
	42H	13.29	365 260		42M	20.62	508 393		48N	22.73	620 498		
	42J	15.25	435 309		42N	22.29	576 416		54M	22.31	619 603		
	42K	17.51	490 358		42P	23.50	628 437		62 FEET	32H	11.82	226 110	
	42M	20.65	545 437		48M	21.63	585 521			32J	13.78	269 131	
	42N	22.36	618 462		60 FEET	30H	11.53			226 107	32K	15.61	303 152
	48M	21.70	628 579			30J	13.48			269 127	36G	10.71	214 117
	58 FEET	30G	10.12			203 99	30K			15.31	303 147	36H	12.47
30H		11.58	242 118	32G		10.40	203 102	36J		14.41	303 167		
30J		13.53	287 141	32H		11.87	241 122	36K		16.60	340 190		
30K		15.35	324 163	32J		13.82	287 145	36M		20.14	377 232		
32G		10.43	217 113	32K		15.65	324 168	36N		21.19	428 245		
32H		11.92	258 135	36G		10.77	228 130	36P		22.72	464 258		
32J		13.87	307 160	36H		12.52	272 155	36Q	25.25	540 288			
32K		15.68	346 186	36J		14.45	324 184	36R	27.60	577 320			
36F		9.61	205 120	36K	16.63	363 210	42F	9.77	210 135				
36G		10.83	244 144	36M	20.17	402 256	42G	11.31	250 161				
36H		12.57	292 171	36N	21.22	457 271	42H	13.15	298 192				
36J		14.48	347 204	36P	22.79	495 284	42J	15.19	355 228				
36K		16.67	389 232	36Q	25.31	576 318	42K	17.06	400 263				
36M		20.20	431 283	36R	27.65	616 353	42M	20.57	444 322				
36N		21.64	489 300	42F	9.83	224 149	42N	22.04	504 340				