

05 21 Steel Joist Framing

05 21 16 – Longspan Steel Joist Framing

05 21 16.50 Longspan Joists

6000 For welded cross bridging, add

05 21 19 – Open Web Steel Joist Framing

05 21 19.10 Open Web Joists

0010 OPEN WEB JOISTS

0015 Made from recycled materials

0050 K series, 40-ton lots, horiz. bridging, spans to 30', shop primer

		Crew	Daily Output	Labor Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
0130	8K1, 5.1 lb./L.F.	G	1200	.067	L.F.	4.72	4.11	2.31	11.14	14.01
0140	10K1, 5.0 lb./L.F.	G	1200	.067	L.F.	4.63	4.11	2.31	11.05	13.91
0160	12K3, 5.7 lb./L.F.	G	1500	.053	L.F.	5.30	3.29	1.85	10.44	12.91
0180	14K3, 6.0 lb./L.F.	G	1500	.053	L.F.	5.55	3.29	1.85	10.69	13.20
0200	16K3, 6.3 lb./L.F.	G	1800	.044	L.F.	5.85	2.74	1.54	10.13	12.30
0220	16K6, 8.1 lb./L.F.	G	1800	.044	L.F.	7.50	2.74	1.54	11.78	14.11
0240	18K5, 7.7 lb./L.F.	G	2000	.040	L.F.	7.15	2.47	1.39	11.01	13.11
0260	18K9, 10.2 lb./L.F.	G	2000	.040	L.F.	9.45	2.47	1.39	13.31	15.70
0440	K series, 30' to 50' spans	G	17	4.706	Ton	2,625	290	163	3,078	3,500
0500	20K5, 8.2 lb./L.F.	G	2000	.040	L.F.	10.75	2.47	1.39	14.61	17.11
0520	20K9, 10.8 lb./L.F.	G	2000	.040	L.F.	14.15	2.47	1.39	18.01	21
0540	22K5, 8.8 lb./L.F.	G	2000	.040	L.F.	11.55	2.47	1.39	15.41	18
0560	22K9, 11.3 lb./L.F.	G	2000	.040	L.F.	14.80	2.47	1.39	18.66	21.50
0580	24K6, 9.7 lb./L.F.	G	2200	.036	L.F.	12.70	2.24	1.26	16.20	18.80
0600	24K10, 13.1 lb./L.F.	G	2200	.036	L.F.	17.20	2.24	1.26	20.70	23.50
0620	26K6, 10.6 lb./L.F.	G	2200	.036	L.F.	13.90	2.24	1.26	17.40	20
0640	26K10, 13.8 lb./L.F.	G	2200	.036	L.F.	18.10	2.24	1.26	21.60	24.50
0660	28K8, 12.7 lb./L.F.	G	2400	.033	L.F.	16.65	2.06	1.16	19.87	22.50
0680	28K12, 17.1 lb./L.F.	G	2400	.033	L.F.	22.50	2.06	1.16	25.72	29
0700	30K8, 13.2 lb./L.F.	G	2400	.033	L.F.	17.30	2.06	1.16	20.52	23.50
0720	30K12, 17.6 lb./L.F.	G	2400	.033	L.F.	23	2.06	1.16	26.22	30

0800 For less than 40-ton job lots

0802 For 30 to 39 tons, add

0804 20 to 29 tons, add

0806 10 to 19 tons, add

0807 5 to 9 tons, add

0808 1 to 4 tons, add

0809 Less than 1 ton, add

1010 CS series, 40-ton job lots, horizontal bridging, shop primer

1040	Spans to 30'	G	E-7	12	6.667	Ton	1,925	410	231	2,566	2,975
1100	10CS2, 7.5 lb./L.F.	G		1200	.067	L.F.	7.20	4.11	2.31	13.62	16.79
1120	12CS2, 8.0 lb./L.F.	G		1500	.053	L.F.	7.65	3.29	1.85	12.79	15.50
1140	14CS2, 8.0 lb./L.F.	G		1500	.053	L.F.	7.65	3.29	1.85	12.79	15.50
1160	16CS2, 8.5 lb./L.F.	G		1800	.044	L.F.	8.15	2.74	1.54	12.43	14.89
1180	16CS4, 14.5 lb./L.F.	G		1800	.044	L.F.	13.85	2.74	1.54	18.13	21
1200	18CS2, 9.0 lb./L.F.	G		2000	.040	L.F.	8.60	2.47	1.39	12.46	14.79
1220	18CS4, 15.0 lb./L.F.	G		2000	.040	L.F.	14.35	2.47	1.39	18.21	21
1240	20CS2, 9.5 lb./L.F.	G		2000	.040	L.F.	9.10	2.47	1.39	12.96	15.30
1260	20CS4, 16.5 lb./L.F.	G		2000	.040	L.F.	15.80	2.47	1.39	19.66	22.50
1280	22CS2, 10.0 lb./L.F.	G		2000	.040	L.F.	9.55	2.47	1.39	13.41	15.80
1300	22CS4, 16.5 lb./L.F.	G		2000	.040	L.F.	15.80	2.47	1.39	19.66	22.50
1320	24CS2, 10.0 lb./L.F.	G		2200	.036	L.F.	9.55	2.24	1.26	13.05	15.30
1340	24CS4, 16.5 lb./L.F.	G		2200	.036	L.F.	15.80	2.24	1.26	19.30	22
1360	26CS2, 10.0 lb./L.F.	G		2200	.036	L.F.	9.55	2.24	1.26	13.05	15.30
1380	26CS4, 16.5 lb./L.F.	G		2200	.036	L.F.	15.80	2.24	1.26	19.30	22
1400	28CS2, 10.5 lb./L.F.	G		2400	.033	L.F.	10.05	2.06	1.16	13.27	15.45