

Material: Extruded Aluminum 6061 per ASTM B221
 Fs = 12,000 psi
 E = 10,000,000 psi
 Bearing bars spaced 1-7/8" on center
 # of bearing bars per foot = 6.4

Harsco Industrial IKG

a harsco company

Type TP-940

Maximum span for 1/4" deflection under a uniform load of 100 psf			SPAN IN INCHES																		
			12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
SIZE 4 1 0.940 S ³ /ft 0.3328 I ⁴ /ft 0.1920	46	U	2662	1183	666	426	296	217	166	131	106	88	74	63	54	47	42	37	33	30	27
		D	0.031	0.070	0.125	0.195	0.281	0.382	0.498	0.630	0.776	0.944	1.124	1.318	1.519	1.743	2.016	2.263	2.537	2.863	3.164
		C	1331	887	666	532	444	380	333	296	266	242	222	205	190	177	166	157	148	140	133
		D	0.025	0.056	0.100	0.156	0.225	0.305	0.400	0.506	0.623	0.755	0.899	1.056	1.222	1.400	1.594	1.808	2.023	2.251	2.494
SIZE 6 1 1/4 0.940 S ³ /ft 0.5504 I ⁴ /ft 0.4096	55	U	4403	1957	1101	705	489	359	275	217	176	146	122	104	90	78	69	61	54	49	44
		D	0.024	0.054	0.097	0.151	0.218	0.296	0.387	0.489	0.604	0.734	0.869	1.020	1.187	1.356	1.553	1.749	1.946	2.192	2.417
		C	2202	1468	1101	881	734	629	550	489	440	400	367	339	315	294	275	259	245	232	220
		D	0.019	0.044	0.077	0.121	0.174	0.237	0.309	0.392	0.483	0.585	0.697	0.818	0.950	1.090	1.238	1.398	1.570	1.748	1.934
SIZE 8 1 1/2 0.940 S ³ /ft 0.7424 I ⁴ /ft 0.6528	62	U	5939	2640	1485	950	660	485	371	293	238	196	165	141	121	106	93	82	73	66	59
		D	0.020	0.046	0.082	0.128	0.184	0.251	0.327	0.414	0.513	0.618	0.737	0.868	1.001	1.156	1.313	1.475	1.651	1.853	2.034
		C	2970	1980	1485	1188	990	848	742	660	594	540	495	457	424	396	371	349	330	313	297
		D	0.016	0.037	0.066	0.102	0.147	0.201	0.262	0.332	0.409	0.495	0.590	0.692	0.802	0.921	1.048	1.182	1.327	1.480	1.638
SIZE 10 2 X 0.940 S ³ /ft 1.1776 I ⁴ /ft 1.3504	75	U	9421	4187	2355	1507	1047	769	589	465	377	311	262	223	192	167	147	130	116	104	94
		D	0.016	0.035	0.063	0.098	0.141	0.192	0.251	0.318	0.393	0.474	0.566	0.663	0.768	0.880	1.003	1.131	1.268	1.411	1.566
		C	4710	3140	2355	1884	1570	1346	1178	1047	942	856	785	725	673	628	589	554	523	496	471
		D	0.013	0.028	0.050	0.078	0.113	0.154	0.201	0.254	0.314	0.380	0.452	0.531	0.615	0.706	0.804	0.907	1.016	1.134	1.256