

Material: Extruded Aluminum 6061 per ASTM B221
 Fs = 12,000 psi
 E = 10,000,000 psi
 Bearing bars spaced 15/16" on center
 # of bearing bars per foot = 12.8

Harsco Industrial IKG

a harsco company

Type TD-626

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 X 0.626 S ³ /ft 0.6272 I ⁴ /ft 0.3328	53	U	5018	2230	1254	803	558	410	314	248	201	166	139	119	102	89	78	69	62	56	50
		D	0.034	0.076	0.136	0.212	0.306	0.416	0.543	0.688	0.849	1.027	1.218	1.436	1.656	1.904	2.160	2.435	2.750	3.084	3.380
		C	2509	1673	1254	1004	836	717	627	558	502	456	418	386	358	335	314	295	279	264	251
		D	0.027	0.061	0.109	0.170	0.244	0.333	0.434	0.550	0.679	0.821	0.977	1.147	1.328	1.529	1.739	1.960	2.200	2.448	2.715
SIZE 6 1 1/4 X 0.626 S ³ /ft 0.9600 I ⁴ /ft 0.6400	62	U	7680	3413	1920	1229	853	627	480	379	307	254	213	182	157	137	120	106	95	85	77
		D	0.027	0.061	0.108	0.169	0.243	0.331	0.432	0.546	0.675	0.817	0.970	1.142	1.325	1.524	1.728	1.945	2.191	2.434	2.707
		C	3840	2560	1920	1536	1280	1097	960	853	768	698	640	591	549	512	480	452	427	404	384
		D	0.022	0.049	0.086	0.135	0.194	0.265	0.346	0.437	0.540	0.653	0.778	0.913	1.059	1.215	1.382	1.561	1.751	1.948	2.160
SIZE 8 1 1/2 X 0.626 S ³ /ft 1.2800 I ⁴ /ft 1.0112	69	U	10240	4551	2560	1638	1138	836	640	506	410	339	284	242	209	182	160	142	126	113	102
		D	0.023	0.051	0.091	0.142	0.205	0.279	0.365	0.462	0.570	0.690	0.819	0.961	1.117	1.281	1.458	1.649	1.839	2.048	2.270
		C	5120	3413	2560	2048	1707	1463	1280	1138	1024	931	853	788	731	683	640	602	569	539	512
		D	0.018	0.041	0.073	0.114	0.164	0.223	0.292	0.369	0.456	0.551	0.656	0.770	0.893	1.026	1.167	1.316	1.477	1.645	1.823
SIZE 10 2 X 0.626 S ³ /ft 2.0096 I ⁴ /ft 2.0864	83	U	16077	7145	4019	2572	1786	1312	1005	794	643	531	447	381	328	286	251	223	198	178	161
		D	0.017	0.039	0.069	0.108	0.156	0.212	0.277	0.351	0.433	0.524	0.625	0.733	0.849	0.976	1.109	1.255	1.401	1.564	1.736
		C	8038	5359	4019	3215	2679	2297	2010	1786	1608	1462	1340	1237	1148	1072	1005	946	893	846	804
		D	0.014	0.031	0.055	0.087	0.125	0.170	0.222	0.281	0.347	0.420	0.499	0.586	0.679	0.780	0.888	1.002	1.123	1.252	1.387