

DIMENSIÓN Size		ESPESOR Thickness e	RADIO Radius	PESO Weight	AREA DE LA SECCIÓN Sectional Area	MOMENTO DE INERCIA Moment of Inertia	MÓDULO DE INERCIA Elastic Modulus	RADIO DE GIRO Gyration Radius	MOMENTO DE INERCIA Moment of Inertia	MÓDULO DE INERCIA Elastic Modulus	RADIO DE GIRO Gyration Radius
A	B	mm	mm	kg/m	cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm
X - X									Y - Y		
10.00	20.00	0.80	1.20	0.348	0.454	0.076	0.038	0.408	0.231	0.092	0.712
		0.90	1.35	0.388	0.508	0.083	0.042	0.404	0.255	0.102	0.708
		1.10	1.65	0.464	0.612	0.096	0.048	0.397	0.300	0.120	0.700
		1.20	1.80	0.501	0.662	0.102	0.051	0.393	0.321	0.129	0.697
		1.60	2.40	0.639	0.858	0.123	0.061	0.378	0.398	0.159	0.681
15.00	25.00	0.80	1.20	0.474	0.614	0.234	0.117	0.617	0.522	0.209	0.922
		0.90	1.35	0.529	0.688	0.258	0.129	0.613	0.580	0.232	0.918
		1.10	1.65	0.636	0.832	0.305	0.152	0.605	0.689	0.276	0.910
		1.20	1.80	0.689	0.902	0.326	0.163	0.601	0.741	0.296	0.906
		1.60	2.40	0.890	1.178	0.405	0.202	0.586	0.934	0.374	0.891
		2.00	3.00	1.076	1.440	0.470	0.235	0.571	1.104	0.442	0.876
20.00	30.00	0.80	1.20	0.599	0.774	0.526	0.263	0.824	0.988	0.395	1.129
		0.90	1.35	0.670	0.868	0.583	0.292	0.820	1.099	0.440	1.125
		1.10	1.65	0.809	1.052	0.693	0.347	0.812	1.313	0.525	1.117
		1.20	1.80	0.877	1.142	0.746	0.373	0.808	1.416	0.567	1.113
		1.60	2.40	1.141	1.498	0.941	0.471	0.793	1.805	0.722	1.098
		2.00	3.00	1.390	1.840	1.113	0.556	0.778	2.157	0.863	1.083
20.00	40.00	0.80	1.20	0.725	0.934	0.673	0.337	0.849	1.984	0.794	1.457
		0.90	1.35	0.811	1.048	0.748	0.374	0.845	2.212	0.885	1.453
		1.10	1.65	0.982	1.272	0.890	0.445	0.837	2.655	1.062	1.445
		1.20	1.80	1.066	1.382	0.958	0.479	0.833	2.870	1.148	1.441
		1.60	2.40	1.392	1.818	1.213	0.606	0.817	3.690	1.476	1.425
		2.00	3.00	1.704	2.240	1.438	0.719	0.801	4.446	1.778	1.409
		2.50	3.75	2.075	2.750	1.682	0.841	0.782	5.307	2.123	1.389
20.00	50.00	0.80	1.20	0.850	1.094	0.821	0.410	0.866	3.448	1.379	1.775
		0.90	1.35	0.953	1.228	0.912	0.456	0.862	3.850	1.540	1.771
		1.10	1.65	1.155	1.492	1.087	0.543	0.854	4.633	1.853	1.762
		1.20	1.80	1.254	1.622	1.171	0.585	0.849	5.015	2.006	1.758
		1.60	2.40	1.644	2.138	1.484	0.742	0.833	6.483	2.593	1.741
		2.00	3.00	2.018	2.640	1.763	0.882	0.817	7.855	3.142	1.725
		2.50	3.75	2.467	3.250	2.068	1.034	0.798	9.443	3.777	1.705
30.00	40.00	0.80	1.20	0.850	1.094	1.670	0.835	1.235	2.599	1.040	1.541
		0.90	1.35	0.953	1.228	1.861	0.931	1.231	2.900	1.160	1.537
		1.10	1.65	1.155	1.492	2.232	1.116	1.223	3.488	1.395	1.529
		1.20	1.80	1.254	1.622	2.412	1.206	1.219	3.774	1.510	1.525
		1.60	2.40	1.644	2.138	3.097	1.549	1.204	4.870	1.948	1.509
		2.00	3.00	2.018	2.640	3.727	1.864	1.188	5.891	2.356	1.494
		2.50	3.75	2.467	3.250	4.443	2.221	1.169	7.068	2.827	1.475
30.00	50.00	0.80	1.20	0.976	1.254	2.011	1.006	1.266	4.417	1.767	1.876
		0.90	1.35	1.094	1.408	2.242	1.121	1.262	4.935	1.974	1.872
		1.10	1.65	1.327	1.712	2.692	1.346	1.254	5.948	2.379	1.864

DIMENSIÓN Size		ESPESOR Thickness e	RADIO Radius	PESO Weight	AREA DE LA SECCIÓN Sectional Area	MOMENTO DE INERCIA Moment of Inertia	MÓDULO DE INERCIA Elastic Modulus	RADIO DE GIRO Gyration Radius	MOMENTO DE INERCIA Moment of Inertia	MÓDULO DE INERCIA Elastic Modulus	RADIO DE GIRO Gyration Radius
A	B	mm	mm	kg/m	cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm
						X - X		Y - Y			
30.00	50.00	1.20	1.80	1.443	1.862	2.910	1.455	1.250	6.444	2.578	1.860
		1.60	2.40	1.895	2.458	3.743	1.871	1.234	8.358	3.343	1.844
		2.00	3.00	2.332	3.040	4.513	2.256	1.218	10.161	4.064	1.828
		2.50	3.75	2.860	3.750	5.391	2.695	1.199	12.266	4.906	1.809
		3.20	4.80	3.560	4.710	6.474	3.237	1.172	14.950	5.980	1.782
20.00	60.00	0.80	1.20	0.976	1.254	0.968	0.484	0.879	5.460	2.184	2.086
		0.90	1.35	1.094	1.408	1.076	0.538	0.874	6.101	2.440	2.082
		1.10	1.65	1.327	1.712	1.284	0.642	0.866	7.357	2.943	2.073
		1.20	1.80	1.443	1.862	1.383	0.692	0.862	7.972	3.189	2.069
		1.60	2.40	1.895	2.458	1.756	0.878	0.845	10.345	4.138	2.052
		2.00	3.00	2.332	3.040	2.089	1.044	0.829	12.585	5.034	2.035
		2.50	3.75	2.860	3.750	2.453	1.227	0.809	15.203	6.081	2.013
		3.20	4.80	3.560	4.710	2.876	1.438	0.781	18.548	7.419	1.984
30.00	60.00	1.10	1.65	1.500	1.932	3.151	1.576	1.277	9.265	3.706	2.190
		1.20	1.80	1.631	2.102	3.408	1.704	1.273	10.046	4.019	2.186
		1.60	2.40	2.146	2.778	4.389	2.194	1.257	13.074	5.230	2.170
		2.00	3.00	2.646	3.440	5.298	2.649	1.241	15.950	6.380	2.153
		2.50	3.75	3.252	4.250	6.339	3.169	1.221	19.339	7.735	2.133
		3.20	4.80	4.062	5.350	7.629	3.814	1.194	23.715	9.486	2.105
40.00	50.00	1.10	1.65	1.500	1.932	5.153	2.576	1.633	7.264	2.906	1.939
		1.20	1.80	1.631	2.102	5.581	2.790	1.629	7.874	3.149	1.935
		1.60	2.40	2.146	2.778	7.231	3.615	1.613	10.232	4.093	1.919
		2.00	3.00	2.646	3.440	8.782	4.391	1.598	12.466	4.986	1.904
		2.50	3.75	3.252	4.250	10.589	5.294	1.578	15.089	6.035	1.884
		3.20	4.80	4.062	5.350	12.884	6.442	1.552	18.460	7.384	1.857
40.00	60.00	1.10	1.65	1.673	2.152	5.985	2.993	1.668	11.173	4.469	2.279
		1.20	1.80	1.819	2.342	6.484	3.242	1.664	12.121	4.848	2.275
		1.60	2.40	2.397	3.098	8.411	4.205	1.648	15.803	6.321	2.259
		2.00	3.00	2.960	3.840	10.227	5.114	1.632	19.315	7.726	2.243
40.00	60.00	2.50	3.75	3.645	4.750	12.349	6.174	1.612	23.474	9.390	2.223
		3.20	4.80	4.564	5.990	15.057	7.528	1.585	28.883	11.553	2.196
		4.00	6.00	5.562	7.360	17.801	8.900	1.555	34.505	13.802	2.165
		4.75	7.13	6.445	8.598	20.060	10.030	1.527	39.266	15.707	2.137
30.00	70.00	1.10	1.65	1.673	2.152	3.611	1.806	1.295	13.547	5.419	2.509
		1.20	1.80	1.819	2.342	3.906	1.953	1.291	14.699	5.880	2.505
		1.60	2.40	2.397	3.098	5.035	2.517	1.275	19.179	7.672	2.488
		2.00	3.00	2.960	3.840	6.083	3.042	1.259	23.459	9.384	2.472
		2.50	3.75	3.645	4.750	7.286	3.643	1.239	28.536	11.415	2.451
		3.20	4.80	4.564	5.990	8.784	4.392	1.211	35.156	14.062	2.423
		4.00	6.00	5.562	7.360	10.249	5.124	1.180	42.057	16.823	2.390
		4.75	7.13	6.445	8.598	11.407	5.703	1.152	47.920	19.168	2.361

DIMENSIÓN Size		ESPESOR Thickness e	RADIO Radius	PESO Weight	AREA DE LA SECCIÓN Sectional Area	MOMENTO DE INERCIA Moment of Inertia	MÓDULO DE INERCIA Elastic Modulus	RADIO DE GIRO Gyration Radius	MOMENTO DE INERCIA Moment of Inertia	MÓDULO DE INERCIA Elastic Modulus	RADIO DE GIRO Gyration Radius
A	B	mm	mm	kg/m	cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm
X - X								Y - Y			
40.00	80.00	1.60	2.40	2.900	3.738	10.772	5.386	1.698	31.751	12.701	2.915
		2.00	3.00	3.588	4.640	13.118	6.559	1.681	38.974	15.590	2.898
		2.50	3.75	4.430	5.750	15.870	7.935	1.661	47.620	19.048	2.878
		3.20	4.80	5.569	7.270	19.401	9.701	1.634	59.034	23.614	2.850
		4.00	6.00	6.818	8.960	23.006	11.503	1.602	71.134	28.454	2.818
		4.75	7.13	7.936	10.498	25.998	12.999	1.574	81.606	32.642	2.788
		5.15	7.73	8.512	11.299	27.450	13.725	1.559	86.861	34.744	2.773
60.00	80.00	1.60	2.40	3.402	4.378	26.720	13.360	2.471	41.587	16.635	3.082
		2.00	3.00	4.216	5.440	32.777	16.388	2.455	51.145	20.458	3.066
		2.50	3.75	5.215	6.750	40.016	20.008	2.435	62.641	25.056	3.046
		3.20	4.80	6.574	8.550	49.552	24.776	2.407	77.919	31.168	3.019
		4.00	6.00	8.074	10.560	59.635	29.818	2.376	94.259	37.704	2.988
		4.75	7.13	9.428	12.398	68.337	34.169	2.348	108.539	43.416	2.959
		5.15	7.73	10.129	13.359	72.695	36.347	2.333	115.759	46.304	2.944
60.00	100.00	1.60	2.40	3.402	4.378	13.132	6.566	1.732	55.175	22.070	3.550
		2.00	3.00	4.216	5.440	16.009	8.004	1.715	67.913	27.165	3.533
		2.50	3.75	5.215	6.750	19.391	9.695	1.695	83.266	33.306	3.512
		3.20	4.80	6.574	8.550	23.746	11.873	1.666	103.726	41.490	3.483
		4.00	6.00	8.074	10.560	28.211	14.106	1.634	125.683	50.273	3.450
		4.75	7.13	9.428	12.398	31.936	15.968	1.605	144.941	57.976	3.419
		5.15	7.73	10.129	13.359	33.750	16.875	1.589	154.704	61.882	3.403
50.00	90.00	1.60	2.40	3.402	4.378	19.606	9.803	2.116	48.701	19.480	3.335
		2.00	3.00	4.216	5.440	23.993	11.996	2.100	59.929	23.971	3.319
		2.50	3.75	5.215	6.750	29.203	14.602	2.080	73.453	29.381	3.299
		3.20	4.80	6.574	8.550	36.009	18.004	2.052	91.463	36.585	3.271
		4.00	6.00	8.074	10.560	43.123	21.562	2.021	110.771	44.308	3.239
		4.75	7.13	9.428	12.398	49.186	24.593	1.992	127.690	51.076	3.209
		5.15	7.73	10.129	13.359	52.193	26.096	1.977	136.262	54.505	3.194
50.00	100.00	1.60	2.40	3.402	4.378	19.606	9.803	2.116	48.701	19.480	3.335
		2.00	3.00	4.216	5.440	23.993	11.996	2.100	59.929	23.971	3.319
		2.50	3.75	5.215	6.750	29.203	14.602	2.080	73.453	29.381	3.299
		3.20	4.80	6.574	8.550	36.009	18.004	2.052	91.463	36.585	3.271
		4.00	6.00	8.074	10.560	43.123	21.562	2.021	110.771	44.308	3.239
		4.75	7.13	9.428	12.398	49.186	24.593	1.992	127.690	51.076	3.209
		5.15	7.73	10.129	13.359	52.193	26.096	1.977	136.262	54.505	3.194
60.00	100.00	1.60	2.40	3.904	5.018	32.178	16.089	2.532	70.668	28.267	3.753
		2.00	3.00	4.844	6.240	39.507	19.754	2.516	87.123	34.849	3.737
		2.50	3.75	6.000	7.750	48.286	24.143	2.496	107.036	42.815	3.716
		3.20	4.80	7.579	9.830	59.887	29.944	2.468	133.722	53.489	3.688
		4.00	6.00	9.330	12.160	72.201	36.100	2.437	162.569	65.027	3.656
		4.75	7.13	10.919	14.298	82.783	41.436	2.408	188.071	75.228	3.627

DIMENSIÓN Size		ESPESOR Thickness e	RADIO Radius	PESO Weight	AREA DE LA SECCIÓN Sectional Area	MOMENTO DE INERCIA Moment of Inertia	MÓDULO DE INERCIA Elastic Modulus	RADIO DE GIRO Gyration Radius	MOMENTO DE INERCIA Moment of Inertia	MÓDULO DE INERCIA Elastic Modulus	RADIO DE GIRO Gyration Radius
A	B	mm	mm	kg/m	cm ²	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm
						X - X			Y - Y		
60.00	100.00	5.15	7.73	11.747	15.419	88.234	44.117	2.392	201.082	80.433	3.611
		6.35	9.53	14.142	18.707	103.013	51.507	2.347	237.746	95.098	3.565
40.00	120.00	1.60	2.40	3.904	5.018	15.493	7.746	1.757	87.353	34.941	4.172
		2.00	3.00	4.844	6.240	18.899	9.450	1.740	107.731	43.092	4.155
		2.50	3.75	6.000	7.750	22.911	11.456	1.719	132.411	52.965	4.133
		3.20	4.80	7.579	9.830	28.090	14.045	1.690	165.519	66.208	4.103
		4.00	6.00	9.330	12.160	33.417	16.708	1.658	201.353	80.541	4.069
		4.75	7.13	10.919	14.298	37.874	18.937	1.628	233.070	93.228	4.038
		5.15	7.73	11.747	15.419	40.051	20.025	1.612	249.265	99.706	4.021
		6.35	9.53	14.142	18.707	45.807	22.903	1.565	294.952	117.981	3.971
60.00	120.00	2.00	3.00	5.472	7.040	46.238	23.119	2.563	138.582	54.233	4.388
		2.50	3.75	6.785	8.750	56.557	28.279	2.542	166.932	66.773	4.368
		3.20	4.80	8.584	11.110	70.222	35.111	2.514	209.185	83.674	4.339
		4.00	6.00	10.586	13.760	84.766	42.383	2.482	255.198	102.079	4.307
		4.75	7.13	12.411	16.198	97.408	48.704	2.452	296.198	118.479	4.276
		5.15	7.73	13.364	17.479	103.774	51.887	2.437	317.242	126.897	4.260
		6.35	9.53	16.135	21.247	121.376	60.688	2.390	377.056	150.822	4.213
50.00	150.00	2.00	3.00	6.100	7.840	37.825	18.912	2.196	213.265	85.306	5.216
		2.50	3.75	7.570	9.750	46.141	23.070	2.175	263.016	105.206	5.194
		3.20	4.80	9.588	12.390	57.068	28.534	2.146	330.358	132.143	5.164
		4.00	6.00	11.842	15.360	68.579	34.290	2.113	404.099	161.640	5.129
		4.75	7.13	13.902	18.098	78.471	39.236	2.082	470.192	188.077	5.097
		5.15	7.73	14.981	19.539	83.407	41.704	2.066	504.267	201.707	5.080
		6.35	9.53	18.129	23.787	96.873	48.437	2.018	601.726	240.690	5.030
60.00	140.00	2.00	3.00	6.100	7.840	52.969	26.484	2.599	198.121	79.248	5.027
		2.50	3.75	7.570	9.750	64.828	32.414	2.579	244.328	97.731	5.006
		3.20	4.80	9.588	12.390	80.557	40.279	2.550	306.869	122.748	4.977
		4.00	6.00	11.842	15.360	97.331	48.666	2.517	375.347	150.139	4.943
		4.75	7.13	13.902	18.098	111.943	55.972	2.487	436.720	174.688	4.912
		5.15	7.73	14.981	19.539	119.313	59.657	2.471	468.361	187.344	4.896
		6.35	9.53	18.129	23.787	139.739	69.869	2.424	558.860	223.544	4.847
80.00	120.00	2.00	3.00	6.100	7.840	87.657	43.828	3.344	163.433	65.373	4.566
		2.50	3.75	7.570	9.750	107.703	53.852	3.324	201.453	80.581	4.546
		3.20	4.80	9.588	12.390	134.575	67.288	3.296	252.851	101.140	4.517
		4.00	6.00	11.842	15.360	163.635	81.818	3.264	309.043	123.617	4.486
		4.75	7.13	13.902	18.098	189.338	94.669	3.235	359.326	143.730	4.456
		5.15	7.73	14.981	19.539	202.455	101.228	3.219	385.219	154.088	4.440
		6.35	9.53	18.129	23.787	239.439	119.720	3.173	459.160	183.664	4.394