TUBOS DE ACERO CON COSTURA

TABLA DE PESOS TEORICOS (Kg x metro)

HIERROS CAÑOS SRL.

Tubos Redondos		Cuadrado	Rectangular	ESPESOR EN MILIMETROS																						
Pulgadas	mm			0.50	0.55	0.65	0.70	0.80	0.90	1.00	1.10	1.25	1.40	1.50	1.60	1.80	2.00	2.50	2.85	3.20	4.00	4.75	5.15	5.50	6.35	7.00	8.00
3/8"	9.53			0.110	0.122	0.142	0.152	0.172	0.191																		
1/2"	12.70			0.150	0.165	0.193	0.207	0.235	0.262	0.288	0.315	0.353															
		10x10				0.182	0.195	0.218	0.241	0.262	0.283	0.312															
5/8"	15.87			0.190	0.208	0.244	0.262	0.297	0.332	0.367	0.400	0.450	0.499	0.531	0.563												
		12x12				0.223	0.238	0.268	0.297	0.325	0.352	0.390	0.426	0.449	0.471												
3/4"	19.05			0.228	0.251	0.295	0.317	0.360	0.403	0.445	0.487	0.548	0.609	0.649	0.688												
		15x15				0.284	0.304	0.344	0.382	0.419	0.456	0.508	0.558	0.590	0.621												
			10x20																								
7/8"	22.23					0.346	0.371	0.423	0.473	0.523	0.573	0.646	0.719	0.766	0.814	0.906	0.997										
			15x20			0.335	0.359	0.407	0.453	0.498	0.542	0.606	0.668	0.708	0.747	0.822	0.893										
			10x25																								
1"	25.40						0.426	0.485	0.544	0.601	0.659	0.744	0.828	0.884	0.939	1.047	1.154	1.411									
		20x20																									
			15x25			0.386	0.414	0.469	0.523	0.576	0.628	0.704	0.778	0.826	0.873	0.963	1.050	1.247									
			10x30																								
			14x30			0.427	0.458	0.520	0.580	0.639	0.697	0.783	0.866	0.920	0.973	1.076	1.175										
1 1/8"	28.57							0.548	0.614	0.680	0.745	0.842	0.938	1.001	1.064	1.188	1.310	1.606									
			15x30					0.532	0.594	0.655	0.715	0.802	0.888	0.944	0.998	1.104	1.207	1.444									
1 1/4"	31.75						0.536	0.610	0.684	0.758	0.831	0.940	1.047	1.118	1.189	1.329	1.467	1.802									
		25x25																									
			20x30				0.524	0.595	0.665	0.733	0.801	0.901	0.998	1.061	1.124	1.246	1.364	1.640									
			10x40																								
1 3/8"	34.92							0.673	0.755	0.836	0.917	1.037	1.157	1.236	1.314	1.469	1.623	1.998									
			20x35					0.658	0.735	0.812	0.887	0.999	1.108	1.179	1.249	1.387	1.521	1.836									
1 1/2"	38.10						0.645	0.736	0.825	0.914	1.003	1.135	1.266	1.353	1.440	1.611	1.780	2.194									
		30x30						0.721	0.806	0.890	0.974	1.097	1.218	1.297	1.375	1.528	1.678	2.032									
			20x40																								
1 5/8"	41.27								0.896	0.993	1.089	1.233	1.376	1.470	1.565	1.751	1.936	2.389	2.699								
			25x40						0.877	0.969	1.060	1.195	1.328	1.415	1.501	1.670	1.835	2.229	2.489								
1 3/4"	44.45							0.861	0.966	1.071	1.175	1.331	1.486	1.588	1.690	1.892	2.093	2.585	2.922								
		35x35																									
			20x50					0.846	0.947	1.047	1.146	1.293	1.437	1.532	1.626	1.811	1.992	2.425	2.713								
			30x40																								
1 7/8"	47.62								1.036	1.149	1.261	1.429	1.595	1.705	1.815	2.033	2.249	2.780	3.145								
			25x50						1.018	1.126	1.233	1.391	1.547	1.650	1.752	1.952	2.149	2.621	2.937								
			35x57						1.258	1.393	1.526	1.725	1.921	2.050	2.179	2.433	2.682	3.288	3.697								
2"	50.80							0.986	1.107	1.228	1.348	1.527	1.705	1.823	1.940	2.174	2.406	2.976	3.368	3.755	4.614						
		40x40																									
			20x60						1.089	1.204	1.319	1.489	1.657	1.768	1.877	2.094	2.306	2.817	3.160	3.491	4.198						
			30x50																								
			50x34						1.145	1.267	1.388	1.568	1.745	1.862	1.978	2.207	2.431	2.974	3.339								
2 1/4"	57.15								1.248	1.384	1.520	1.722	1.924	2.058	2.191	2.456	2.719	3.368	3.815	4.255							
		45x45																									
			30x60						1.230	1.361	1.492	1.686	1.877	2.003	2.129	2.376	2.620	3.210	3.608	3.993							
			40x50																								
2 1/2"	63.50								1.389	1.541	1.692	1.918	2.143	2.292	2.441	2.738	3.032	3.759	4.261	4.756	5.870	6.879	7.407				
		50x50																									
			30x70						1.371	1.518	1.665	1.882	2.097	2.239	2.380	2.659	2.934	3.602	4.055	4.495	5.454	6.293	6.717				
			40x60																								
3"	76.20								1.670	1.854	2.036	2.309	2.581	2.762	2.940	3.301	3.660	4.540	5.153	5.758	7.120	8.390	9.019	9.585			
		60x60																									
			40x80						1.654	1.832	2.010	2.274	2.536	2.710	2.882	3.224	3.562	4.387	4.950	5.500	6.710	7.784	8.334	8.801			
			50x70																								
			20x100																								
3 1/2"	88.90													3.231	3.443	3.864	4.284	5.330	6.045	6.760	8.380	9.880	10.631	11.310	12.930	14.131	
		70x70																									
			40x100											3.181	3.385	3.789	4.190	5.172	5.845	6.505	7.966	9.276	9.951	10.528	11.876	12.857	
			60x80																								
			50x90																								
3 3/4"			50x100												3.636	4.072	4.504	5.565	6.293	7.007	8.594	10.022	10.759	11.391	12.873		
4"	101.60														3.944	4.428	4.910	6.110	6.937	7.770	9.630	11.370	12.244	13.028	14.920	16.323	
		80x80																									
			40x120												3.887	4.354	4.820	5.960	6.740	7.510	9.220	10.767	11.568	12.255	13.870	15.055	
			60x100																								
4 1/2"	114.30														4.445	4.991	5.536	6.889	7.829	8.763	10.875	12.826	13.856	14.750	16.896	18.514	20.962
		90x90																									
			40x140												4.389	4.920	5.446	6.740	7.635	8.515	10.478	12.259	13.185	13.982	15.864	17.253	
			60x120																								
			80x100																								
5"	127.00														4.946	5.555	6.162	7.680	8.721	9.770	12.130	14.320	15.468	16.472	18.890	20.705	23.466
		100x100																									
			50x150																								
			60x140												4.892	5.485	6.074	7.527	8.530	9.520	11.730	13.750	14.802	15.709	17.858	19.451	21.817
			70x130																								
			80x120																								
5 1/2"	139.70														5.446	6.118	6.788	8.455	9.614	10.767	13.379	15.800	17.080	18.193	20.872	22.896	25.970
			70x150																								
			80x140														6.702	8.312	9.425	10.524	12.990	15.242	16.419	17.436	19.852	21.649	24.329
			100x120												5.394	6.050											
6"	152.40																7.414	9.237	10.506	11.768	14.632	17.287	18.692	19.915	22.860	25.088	28.475
		120x120																									
			80x160														7.330	9.097	10.320	11.529	14.250	16.733	18.036	19.163	21.846	23.847	26.840
			100x140																								
6 5/8"	168.30		100 x160														8.198	10.217	11.623	13.030	16.210	19.160	20.711	22.071	25.360	28.230	31.610
7"	175.60																		12.136	13.598	16.919	20.004	21.637	23.060	26.491	29.091	33.049
		140x140																10.667									
			100x180																12.109	13.539	16.760	19.716	21.270	22.617	25.833	28.243	31.860
			120x160																								
7 1/2"	190.50																			14.774	18.388	21.748	23.529	25.080	28.823	31.662	35.988
			100X200																	14.543	18.014	21.208	22.888	24.344	27.827	30.441	34.377
		150x150																									
			140x160																								
8 5/8"	219.10																			17.030	21.240	25.180	27.159	28.958	33.350	36.596	41.440
		175x175																									
			100x250																	17.055	21.154	24.937	26.930	28.661	32.812	35.936	40.657
			150x200																								
Espesor en mm.				0.50	0.55	0.65	0.70	0.80	0.90	1.00	1.10	1.25	1.40	1.50	1.60	1.80	2.00	2.50	2.85	3.20	4.00	4.75	5.15	5.50	6.35	7.00	8.00

Tubos Uso General y Estructural: largo estándar 6 metros
Medidas mayores o iguales a 5 1/2": largo estándar 12 metros

Tubos Uso Mecánico: largo estándar 6,40 metros
Medidas mayores o iguales a 5": largo estándar 12.8 metros

Largo Mínimo de Barra: 4 metros
Tolerancia en el largo: -0 / +50 mm. Largos especiales: consultar tolerancia restringida

Tubos para uso general según Norma IRAM IAS U 500 228
Tubos para uso estructural según Norma IRAM IAS U 500 2592
Tubos Uso Mecánico según Norma IRAM IAS U 500 2590 - tipo I

TUBOS USO MECANICO														
Diám. Nom.	Diám. Ext	2.00	2.25	2.50	2.85	3.20	3.50	4.00	4.75	5.15	5.50	6.35	7.00	8.00
3/4"	26.75	1.220	1.359	1.494										
1"	33.70	1.563	1.744	1.923	2.167									
1 1/4"	42.40	1.992	2.227	2.459	2.778									
1 1/2"	48.30	2.282	2.554	2.822	3.193									
2"	60.30	2.874	3.219	3.562	4.036	4.504								
2 1/2"	76.20	3.658	4.101	4.542	5.153	5.758	6.357	7.119	8.366	9.019	9.585			
3"	88.90	4.284	4.806	5.324	6.045	6.760	7.468	8.371	9.853	10.631	11.306	12.921	14.131	
4"	114.30	5.536	6.214	6.889	7.829	8.763	9.691	10.875	12.826	13.856	14.750	16.896	18.514	20.962
5"	139.70	6.788	7.623	8.455	9.614	10.767	11.914	13.379	15.800	17.080	18.193	20.872	22.896	25.970
6"	168.30	8.198	9.209	10.217	11.623	13.023	14.416	16.199	19.160	20.711	22.071	25.349	27.831	31.610
8"	219.10					17.030	18.600	21.208	25.097	27.159	28.958	33.300	35.596	41.627