



TABLAS PARA CALCULAR EL PESO DE BARRAS Y BOCINAS DE BRONCE

Cálculo do Peso

Tabla de pesos de bocinay barrotes de bronce

	Pesos de barrotes	12	15	20	25	30	35	40	45	50	55	60	65	70	75	80	75	90
8	0.07	4.300																
13	0.270																	
16	0.450																	
20	0.780																	
25	1.150		0.700															
30	1.650		1.200	0.960														
35	2.250		1.850	1.600	1.150	0.650												
40	2.950		2.500	2.200	1.850	1.300												
45	3.750		3.300	3.050	2.600	2.100	1.500											
50	4.700		4.300	3.900	3.500	3	2.400	1.750										
55	5.650		5.200	4.900	4.450	3.900	3.300	2.600	1.900	1								
60	6.700			5.900	5.600	5	4.450	3.700	3	2								
65	7.850			7.00	6.700	6.200	5.600	4.900	4.100	3.200	2.200							
70	9.150			8.300	8.000	7.500	6.900	6.200	5.400	4.500	3.500	2.400						
75	10.450			9.600	9.300	8.800	8.200	7.500	6.700	5.800	4.900	3.700	2.600					
80	11.900			11.200	10.800	10.300	9.700	9	8.200	7.200	6.300	5.200	4.100	2.800				
85	13.500				12.300	11.700	11.100	10.400	9.700	8.800	7.800	6.800	5.600	4.350	3			
90	15.150				13.900	13.400	12.800	12.100	11.300	10.400	9.500	8.400	7.200	6	4.600	3.200		
95	16.800				15.700	15.150	14.500	13.800	13.100	12.200	11.200	10.100	9	7.700	6.400	4.900	3.300	
100	18.600					17	16.300	15.650	14.900	13.900	13	11.900	10.800	9.500	8.200	6.700	5.150	3.450

Pe 15 /20 % menor que los bronce al estaño y al plomo (Pe Kg./mm2)

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Tabla de pesos de barrotes de bronce

Ø	Kg.	Ø	Kg.	Ø	Kg.	Ø	Kg.	Ø	Kg.	Ø	Kg.	Ø	Kg.	Ø	Kg.
100	6,200	200	24,600	300	55,300	400	98,300	500	153,650	600	221,300	700	301,100	800	393,400
105	6,800	205	25,800	305	57,200	405	100,900	505	156,800	615	225	705	305,500	805	398,300
110	7,500	210	27,100	310	59	410	103,300	510	159,900	610	228,700	710	309,900	810	403,300
115	8,200	215	28,450	315	61	415	105,900	515	163	615	232,400	715	314,300	815	408,600
120	8,900	220	29,700	320	63	420	108,400	520	166,200	620	236,300	720	318,600	820	413,600
125	9,700	225	31,100	325	65	425	111	525	169,500	625	240	725	323,100	825	418,400
130	10,400	230	32,500	330	67	430	113,600	530	172,700	630	243,900	730	327,600	830	423,500
135	11,200	235	34	335	69	435	116,200	535	176	635	247,800	735	332,100	835	428,600
140	12,100	240	35,400	340	71	440	119	540	179,200	640	251,800	740	336,600	840	433,800
145	13	245	37	345	73,200	445	121,700	545	182,600	645	255,800	745	341,200	845	438,900
150	13,900	250	38,400	350	75,300	450	124,400	550	185,500	650	259,650	750	345,700	850	444
155	14,800	255	39,800	355	77,500	455	127,300	555	189,400	655	263,500	755	350,400	855	449,300
160	15,800	260	41,600	360	79,700	460	130	560	192,800	660	267,800	760	355	860	454,600
165	16,800	265	43,200	365	81,900	465	132,880	565	196,300	665	271,900	765	359,800	865	459,900
170	17,700	270	44,800	370	84,200	470	135,800	570	199,700	670	275,900	770	364,400	870	465,200
175	18,100	275	46,500	375	86,500	475	136	575	194,500	675	280	775	369,200	875	470,600
180	19,900	280	48,200	380	88,800	480	141,600	580	206,800	680	286,800	780	374	880	476
185	21	285	49,900	385	91,400	485	144,400	585	210,300	685	288,400	785	378,800	885	481,800
190	22,200	290	51,700	390	93,500	490	147,600	590	214	690	292,600	790	383,600	890	486,900
195	23,400	295	53,700	395	95,900	495	160,600	595	217,600	695	296,900	795	388,500	895	492,400