

ALEACIONES BASADAS EN COBRE

SAE N°	ANTER.	ASTM			ELEMENTOS COMPOSICIÓN QUÍMICA (%)														
		SAE N°	N°	Aleac.	Nombre de aleación	N°	Cu	Sn	Pb	Zn	Fe	Ni	Al	Mn	Si	P	Sb	Misc	Total Otros
CA 836	40	B 145	836	Bronce rojo	M 110	84.0 86.0	4.0 6.0	4.0 6.0	4.0 6.0	0.30	1.0	0.005		0.005	0.05				0.35
CA 854	41	B 146	854	Bronce amarillo	M 120	65.0 70.0	1.5	1.5 3.8	resto	0.8	1.0	0.30							0.35
CA865	43	B 147	865	Bronce al Mn	M 130	55.0 60.0	1.0	0.40	resto	0.4 2.0	1.0	0.5 1.5	1.5						0.30
CA 862	430 A	B 147	862	Bronce al Mn alta resistencia "A"	M 131	60.0 66.0	0.20	0.20	resto	2.0 4.0	1.0	3.0 4.9	2.5 5.0						0.30
CA 863	430 B	B 147	863	Bronce al Mn alta resistencia "B"	M 132	60.0 66.0	0.20	0.20	resto	2.0 4.0	1.0	5.0 7.5	2.5 5.0						0.30
				Bronce al Mn alta resistencia especial	M 133	60.0 66.0	0.20	0.20	resto	2.0 4.0	1.0	5.0 7.5	4.0 5.0						0.30
CA 905	62	B 143	905	Bronce de cañón	M 140	86.0 89.0	9.0 11.0	0.30	1.0 3.0	0.15	1.0	0.005		0.005	0.05				0.30
CA 903	620	B 143	903	Bronce naval "G"	M 141	86.0 89.0	7.5 9.0	0.30	3.0 5.0	3.15	1.0	0.005		0.005	0.05				0.30
CA 923	621	B 143	923	Bronce naval "G" al Pb	M 142	85.0 89.0	7.5 9.0	1.0	2.5 5.0	0.30	1.0	0.005		0.005	0.05				0.30
CA 922	622	B 143	922	Bronce naval "M"	M 143	86.0 90.0	5.5 6.5	1.0 2.0	3.0 5.0	0.30	1.0	0.005		0.005	0.05				0.30
CA 927				Bronce de cañón al Pb	M 144	86.0 89.0	9.0 11.0	1.0 2.5	0.8	0.15	1.0	0.005		0.005	0.25				0.30
CA 937	64	B 144	937	Bronce fosforoso	M 150	78.0 82.0	9.0 11.0	8.0 11.0	0.8	0.15	1.0	0.005		0.005	0.50	0.6			0.20
CA 925	640			Bronce fosforoso al Ni	M 151	85.0 88.0	10.0 12.0	1.0 1.5	0.50	0.30	0.8 1.5	0.005	0.30						0.30
CA 907	65			Bronce fosforoso para engranajes	M 152	88.0 90.0	10.0 12.0	0.50			0.50	0.005		0.005	0.30			Total Pb Zn y Ni=1	0.30
CA 935	66	B 144	935	Bronce de bujes al Pb	M 160	83.0 86.0	4.5 6.0	8.0 10.0	2.0	0.20	0.8	0.005		0.005	0.05	0.35			0.20
CA 932	660	B 144	932	Bronce de bujes	M 161	81.0 85.0	6.2 7.5	6.0 8.0	2.0 4.0	0.20	0.8	0.005		0.005	0.50	0.35			0.20
CA 938	67	B 144	938	Bronce semiplástico	M 162	75.0 79.0	6.3 7.5	13.0 16.0	0.8	0.15	0.8	0.005		0.005	0.05	0.8			0.20
CA 952	68 A	B 148	952	Bronce al Al	M 170	86.0				2.5 4.0		8.5 9.5							1.0
CA 953	68 B	B 148	953	Bronce al Al para tratamiento térmico	M 171	86.0				0.7 1.5		9.0 11.0							1.0
				Latón 58.10.2.	M 510	56.5 59.5	0.4	1.8 3.0	resto	0.4	0.4	0.1	0.2	0.1		0.02			
				Latón 60.40. común	M 520	57.0 61.0	1.5	2.5	resto	0.2 1.5		0.2 1.0	0.1 0.3						
				Latón 60.40. especial	M 521	58.0 61.0	1.0	1.5	resto	0.2 0.5		0.2 0.6	0.2 0.5						
				Latón 60.40. Gas	M 522	56.0 62.0	1.5	0.5 1.5	resto	2.0		1.5	1.5						