

Tabela de Equivalência em Bronze



Italbronze

ESPECIFICAÇÕES EQUIVALENTES						COMPOSIÇÃO QUÍMICA									
Liga	Especificação Italbronze	ABNT ASTM-B	BS 1400 DIN	JIS SAE	UNI UNS**	Cu	Sn	Pb	Zn	Fe	Sb	Ni	P	Al	Mn
CuSn	IBz-10	-	CT-1	-	B-10	88,0	9,0	-	-	-	-	-	-	-	-
		-	1705CuSn10	-	-	90,0	11,0	1,0	0,50	0,20	0,20	0,70	0,05	-	-
	IBz-11	C90700 427	PBC-1 -	H5113-PBC-2 *65	- C-90700	88,0 90,0	10,0 12,0	- 0,50	- 0,50	- 0,15	- 0,20	- 0,50	- 0,15	-	-
IBz-12	C90800 427-A	- 1705CuSn12	- -	- -	B-12 C-90800	84,0 88,0	11,0 13,0	- 0,25	- 0,25	- 0,15	- 0,20	- 0,50	- 0,15	-	-
CuSnZn	IBz-20	C-90500 *143-1A	G-1 1705CuSn10Zn (Rg-10)	H5111 BC-3 *62	BS Zn-2 C-90500	86,0 89,0	9,0 11,0	- 0,30	1,0 3,0	- 0,20	- 0,20	- 1,0	- 0,05	-	-
		C-90300 *143-1B	- -	H5111 BC-2 620	- C-90300	86,0 89,0	7,5 9,0	- 0,30	3,0 5,0	- 0,20	- 0,20	- 1,0	- 0,05	-	-
	IBz-22	C-92200 *143-2A	- -	H5111-BC-7 *622	- C-92200	86,0 89,0	5,5 6,5	1,0 2,0	3,5 5,0	- 0,25	- 0,25	- 1,0	- 0,05	-	-
CuSnPb	IBz-31	C-93700 *144-3A	LB-2 1716CuPb10Sn	H5115-LBC-3 *64	BS Pb-10 C-93700	78,0 82,0	9,0 11,0	8,0 11,0	- 0,80	- 0,15	- 0,55	- 1,0	- 0,15	-	-
		C-93500 *144-3C	LB-4 -	- *66	- C-93500	83,0 86,0	4,3 9,0	8,0 10,0	- 2,0	- 0,20	- 0,30	- 1,0	- 0,05	-	-
	IBz-34	C-93800 *144-3D	- 1716CuPb15Sn	- *67	BPb-15 C-93800	75,0 79,0	6,3 7,5	13,0 16,0	- 0,80	- 0,15	- 0,80	- 1,0	- 0,05	-	-
CuSnPbZn	IBz-40	C-83600 *145-4A	LG-2 1705CuSn5ZnPb (Rg-5)	H5111 BC-6 *40	BS Zn-5 C-83600	84,0 86,0	4,0 6,0	4,0 6,0	4,0 6,0	- 0,30	- 0,25	- 1,0	- 0,05	-	-
		- *144-3B	- 1705CuSn7ZnPb (Rg-7)	- *660	BS Zn-4 C-93200	81,0 85,0	6,3 7,5	6,0 8,0	2,0 4,0	- 0,20	- 0,30	- 1,0	- 0,15	-	-
	IBz-43	Bronze Industrial				70,0 74,0	4,0 6,0	14,0 16,0	7,0 9,0	- 0,30	- 0,30	- 0,50	- 0,02	-	-
CuAl	IBz-53	C-95300 *148-9B	- -	H5114 ALBC-1 *68-B	- C-95300	86,0 90,0	- -	- -	- -	0,80 1,50	- -	- -	- -	9,0 11,0	-
		C-95400 *148-9C	AB-1 1714CuAl10Fe	- *CA 954	CuAl11Fe4 C-95400	83,0 87,0	- -	- -	- -	2,5 4,5	- -	- 2,50	- -	10,0 11,5	- 0,5
	IBz-55	C-95500 *148-9D	AB-2 1714CuAl10Ni	H5114 AIBC-3 *CA 955	CuAl11Fe4Ni4 C-95500	78,0 82,0	- -	- -	- -	3,0 5,0	- -	3,5 5,5	- -	10,0 11,5	- 3,5
CuZnAlMn	IBz-62	C-86200 *147-8B	HTB-3 -	- *430-A	- C-86200	60,0 66,0	- 0,20	- 0,20	22,0 28,0	2,0 4,0	- -	- 1,0	- -	3,0 5,0	2,5 5,0
		C-86300 *147-8C	- 1709CuZn25Al5	H5102 HBSC-3 *430-B	- C-86300	60,0 66,0	- 0,20	- 0,20	22,0 28,0	2,0 4,0	- -	- 1,0	- -	5,0 7,5	2,5 5,0
	IBz-65	C-86500 *147-8A	HTB1 1709CuZn35Al1	H5102 HBSC-1 *43	CuZn38Al1Fe1Ni1 C-86500	55,0 60,0	- 1,0	- 0,40	36,0 42,0	0,50 2,0	- -	- 1,0	- -	0,5 1,5	0,1 1,5

* Nomenclatura antiga
** Nomenclatura atualizada