

Cutech Alloys Private Limited

HIGH TENSILE BRASS

EUROPE- EN 1982:1998

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Bi	Cr	Impurities
CuZn25A15Mn4Fe3	(C8762S)	60-66	0.2	0.2	Rem.	1.5 - 3.5	2.7	0.02	4-7	3-5	0.08	0.03				
CuZn32Al2Mn2Fe1	(C8763S)	59-67	1.0	1.0	Rem.	0.5-2	2.5		1-2.5	1 - 3.5	1	0.08				
CuZn34Mn3Al2Fe1	(C8764S)	55-65	0.3	0.2	Rem.	0.8 -2	3	0.02	1.5-3	1 - 3.5	0.08	0.05				
CuZn35Mn2Al1Fe1	(CB765S)	56-64	0.8	0.5	Rem.	0.5- 1.8	6	0.02	0.7 - 2.2	0.5 - 2.5	0.01	0.08				

ITALY- UNI

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Bi	Cr	Impurities
G-CuZn38Al1Fe1Mn1	UNI6138-68	58-61	0.3	0.2	Rem	0.5-1.5	2.5	0.05	0.5-1.5	0.5 - 2.5	0.1	0.05	0.05			
G-CuZn39Al2Fe1Mn2	UNI6138-68A	54-58	0.1	0.05	Rem	0.5-2	0.5	0.05	1-3	1- 4.5	0.1	0.05	0.05			
G-CuZn39Al2Fe1	UNI6139	54-58	0.1	0.05	Rem	0.5-2	0.5	0.05	1-3	1- 4.5	0.1	0.05				

JAPAN- JIS

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Bi	Cr	Impurities
HBsC1	H2205	55-60	1	0.4	33-42	0.5-1.5	1		0.5-1.5	0.1-1.5	0.1					
HBsC2	H2205	55-60	1	0.4	30-42	0.5-2	1		0.5-2	0.1-3.5	0.1					
HBsC3	H2205	60-65	0.5	0.2	22-28	2-4	0.5		3-5	2.5-5	0.1					
HBsC4	H2205	60-65	0.2	0.2	22-28	2-4	0.5		5-7.5	2.5-5	0.1					

INDIA- IS

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Bi	Cr	Impurities
HTB-1	IS:304-1981	55 Min	1	0.5	Rem.	0.7-2			0.5-2.5	3	0.1					0.2
HTB-2	IS:304-1981	55 Min	0.2	0.2	Rem.	1.5 - 3.25			3- 6	4	0.1					0.2

France - NFA53

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Bi	Cr	Impurities
CuZn19A16Y20	703	60-66	0.1	0.1	18-25	2-3	1		5-7.5	2.5-4						
CuZn23Al4Y20	703	60-66	0.2	0.2	20-27	1.5-3	2.5		3-5	2.5-4.5						
CuZn30AlFeMnY40	703	59-67	0.3	1.5	Rem	0.5-2	2.5		1-2.5	1-3.5	1					

Recycled to Perfection

Cutech Alloys Private Limited

GERMANY- DIN

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Bi	Cr	Impurities
G-CuZn34Al2		55-66			Rem.	0.5-15	3		1-3	0.3-4						0.5
G-CuZn35A11		56-65			Rem.	0.5-2	2		0.5-2	0.3-3						1.5
CuZn23A16		63-65.5		1	Rem.	2-3.5	0.5		5-7	3.5-5						0.2
CuZn23A18Mn4Fe3Pb	(CW704R)	63-65	0.2	0.2-0.8	Rem.	2-3.5	0.5		5-6	3.5-5	0.2					0.2
Can25AlSFe2Mn2Pb	(CW705R)	65-68	0.2	0.2-0.8	Rem.	0.5-3	1		4-5	0.5-3						0.3
CuZn35Ni2		58-61	0.5	0.8	Rem.	0.5	2-3		0.3-1.5	1.5-2.5	0.1					0.5
CuZn35Ni3Mn2AlPb	(CW710R)	58-60	0.5	0.2-0.8	Rem.	0.5	2-3		0.3-1.3	1.5-2.5	0.1					0.3
CuZn38Al		59-61.5	0.3	1	Rem.	1	0.6		0.3-1.3	0.6-1.6	0.5					0.5
CuZn38Mn1Al	(CW716R)	59-61.5	0.3	1	Rem.	1	0.6		0.3-1.3	0.6-1.8	0.5					0.3
CuZn40Al1		57.5-60	0.4	0.8	Rem.	1	1		0.4-1.3	0.8-1.8	0.7					0.5
CuZn40Mn1Pb1	(CW720R)	57-59	0.3	1-2	Rem.	0.3	0.6		0.2	0.5-1.5	0.1					0.3
CuZn40Mn1Pb1AlFeSn	(CW721R)	57-59	0.2-1	0.8-1.6	Rem.	0.2-1.2	0.3		0.3-1.3	0.8-1.8						0.3
CuZn40Mn1Pb1FeSn	(CW722R)	56.5- 58.5	0.2-1	0.8-1.6	Rem.	0.2-1.2	0.3		0.1	0.8-1.8						0.3
CuZn40Mn2		57-59	0.5		Rem.	1.5	1		0.1	1-2.5	0.1					0.5
CuZn40Mn2Fe1	(CW723R)	56.5-58.5	0.3	0.5	Rem.	0.5-1.5	0.6		0.1	1-2	0.1					0.4
G-CuZn40Fe		56-62	1		Rem.	0.2-1.2	2			2.5						1.2

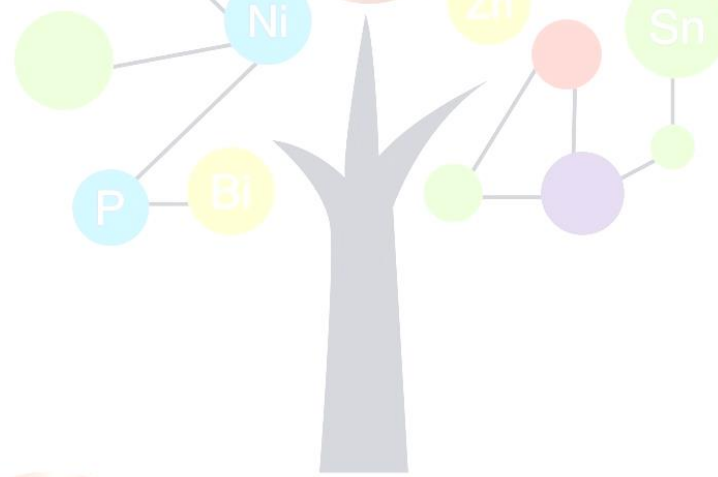
USA- ASTM

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Bi	Cr	Impurities
C66700		68.5-71.5		0.07	Rem.	0.1				0.8-1.5						
C66800		60-63	0.3	0.5	Rem.	0.35	0.25		0.25	2-3.5	0.5-1.5					
C66900		62.5-64.5		0.05	Rem.	0.25				11.5-12.5						
C66950		Rem.		0.01	14-15	0.5			1-1.5	14-15						
C67000		63-68	0.5	0.2	Rem.	2-4			3-6	2.5-5						
C67300		58-63	0.3	0.4-3	Rem.	0.5	0.25		0.25	2-3.5	0.5-1.5					
C67400		57-60	0.3	0.5	Rem.	0.35	0.25		0.5-2	2-3.5	0.5-1.5					
C67420		57-58.5	0.35	0.25-0.8	Rem.	0.15-0.55	0.25		1-2	1.5-2.5	0.25-0.7					
C86100		66-68	0.2	0.2	Rem.	2-4			4.5-5.5	2.5-5						
C86200		60-66	0.2	0.2	22-28	2-4	1		3-4.9	2.5-5						

RECYCLED TO PERFECTION

Cutech Alloys Private Limited

Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	S	Bi	Cr	Impurities
C86300		60-66	0.2	0.2	22-28	2-4	1		5-7.5	2.5-5						
C86300		60-66	0.2	0.2	22-28	2-4	1		5-7.5	2.5-5						
C86400		56-62	0.5-1.5	0.5-1.5	34-42	0.4-2	1		0.5-1.5	0.1-1.5						
C86500		55-60	1	0.4	36-42	0.4-2	1		0.5-1.5	0.1-1.5						
C86550		57 Min	1	0.5	Rem.	0.7-2	1		0.5-2.5	0.1-3	0.1					
C86700		55-60	1.5	0.5-1.5	30-38	1-3	1		1-3	0.1-3.5						
C86800		53.5-57	1	0.2	Rem.	1-2.5	2.5-4		2	2.5-4						
C99700		54 Min	1	0.2	19-25	1	4-6		0.5-3	11-15						
C99750		55-61		0.5-2.5	17-23	1	5		0.25-3	17-23						



Cutech

RECYCLED TO PERFECTION