

# Cutech Alloys Private Limited

## INDIA - IS

Aluminium Bronze													
Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	Impurities
AB1	IS:305-1981	Rem.	0.1	0.05	0.5	1.5-3.5	1		8.5-10.5	1	0.25		0.3
AB2	IS:305-1981	Rem.	0.1	0.05	0.5	4.5 - 5	4 -5.5		8.8-10	1.5	0.1		0.3
Al.Bronze	IS3091-1963	Rem.				4-5			9-11	0.1-0.5			
GRADE-1	IS:8631-1977	Rem.	0.1	0.05	0.5	4-5.5	4-5.5		8.8-10	1	0.1		

Tin Bronze													
Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	Impurities
Ph.BronzeClass-1	IS:1458-1965	Rem.	6-8	0.5	0.5	0.3		0.4-0.6	0.01			0.1	0.6
Ph. Bz (Grade - 1)	IS 28-1985	Rem.	6-8	0.25	0.5	0.3	0.7	0.3-0.5	0.01		0.02	0.1	1.2
Ph. Bz (Grade - 2)	IS 28-1985	Rem.	10 Min	0.25	0.05	0.1	0.1	0.5 Min	0.01		0.02		0.6
Ph. Bz (Grade - 3)	IS 28-1985	Rem.	6.5-8.5	2-5	2		1	0.3 Min					0.5
Ph. Bz (Grade - 4)	IS 28-1985	Rem.	9-11	0.25	0.05		0.25	0.15					0.8
Ph. Bz (Grade - 5)	IS 28-1985	Rem.	11-13.1	0.5	0.3	0.15	0.5	0.15 min	0.01		0.02		2

Gun Metal													
Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	Impurities
Gunmetal Class-2	IS:1458-1965	Rem.	5-7	1-3	2-3	0.3		0.05	0.01			0.1	0.6
LTB-1	IS:318-1981	Rem.	6-8	2.5-3.5	1.5-3	0.3	2		0.01		0.01	0.3	0.7
LTB-2	IS:318-1981	Rem.	4-6	4-6	4-6	0.35	2		0.01		0.02	0.4	0.8

Brass													
Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	Impurities
Grade-2	IS:8631-1977	55 Min	1	0.5	Rem.	0.7 - 2	1		0.5-2.5	3	0.1		
LCB-1	IS:292-1983	70-77	1-3	2-5	Rem.	0.5			0.01				
LCB-2	IS:292-1983	63-67	1.5	1-3	Rem.	0.5			0.01				

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Leaded Bronze													
Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	Impurities
Leaded Bronze Class-3	IS:1458-1965	Rem.	6-8	14-16	0.5	0.3		0.05	0.01			0.4	0.7
Leaded Bronze Class-4	IS:1458-1965	Rem.	6-8	9-11	0.5	0.3		0.05	0.01			0.4	0.7
Leaded GM. Class-5	IS:1458-1965	Rem.	4-6	4-6	4-6	0.3		0.05	0.01			0.3	0.6
LTB-3	IS:318-1981	Rem.	6-8	9-11	0.75	0.35	2		0.01		0.02	0.5	0.8
LTB-4	IS:318-1981	Rem.	6-8	14-16	0.75	0.35	2				0.02	0.5	0.8
LTB-5	IS:318-1981	Rem.	9-11	8.5-11	1	0.35	2		0.01		0.02	0.5	0.8
LTB-6	IS:318-1981	Rem.	4-6	18-23	1	0.35	2				0.01	0.5	0.8

Silicon Bronze													
Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	Impurities
Silicon Bronze	IS:1028-1987	89 Min	1	0.5	5	2.5			1.5	1.5	1-5		

High Tensile Brass													
Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	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

Silicon Brass													
Copper Alloys	Standard	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb	Impurities
Silicon Brass (Grade-1)	IS:11109-1984	79 Min		0.5	12.5-16	0.3			0.5		3.2-5		0.5
Silicon Brass ( Grade-2)	IS:11109-1984	88 Min		0.5	4.5-7	0.3					3.7-5.5		0.5
Silicon Brass ( Grade-3)	IS:11109-1984	80- 83		0.4	Rem.	0.3			0.05		4.1-4.7		0.5

RECYCLED TO PERFECTION