

Copper Based Alloys

Specification BS1400 1985	Type of Metal	Composition % MAX						Typical Applications
		Copper	Tin	Zinc	Lead	P	Fe	
HCC1	High Conductivity Copper	99+						Electrical Contacts, for the switchgear industry
LG2	Leaded Gun Metal	rm	6	6	6	0.02	0.25	Valve furniture
LG4	Leaded Gun Metal	rm	8	3	3.5	-	0.2	Marine applications
HTB1	High Tensile Brass	57#	1	rm	0.5	-	2	Copper based with mechanical strength
HTB3	High Tensile Brass	55#	2	rm	0.2	-	1	Copper based with mechanical strength

Where indicated, minimum figures.

~ Registered trademark and/or proprietary alloy. Similar material.

* Residuals

Please note: BS1400 1985 does not quote mechanical figures for the Investment Casting process.

Where indicated, thus, 5.65 Proof Stress values are for information only.

For reference purposes only. Please note, Dean Group International Ltd do not guarantee the above information.