

Copper and Copper Alloy Ingots and Castings—BS EN 1982 and Comparison with BS 1400

Description	EN Number (Castings)	EN Symbol (Castings)	Nearest Equiv. in Old BS 1400	GM Die Casting	GS Sand	GZ Centrifugal	GP Pressure Die	GC Continuous
Copper		Cu-C	HCC1	Yes	Yes	-	-	-
Copper Alloys, Low Alloyed	CC140C	CuCr1-C	CC1-TF	Yes	Yes	-	-	-
Copper Alloys, Low Alloyed	-	G-CuNiP	A4/1	-	Yes	-	-	-
Copper Alloys, Low Alloyed	-	G-CuBe	A4/2	-	Yes	-	-	-
Copper Alloys, Low Alloyed	-	G-CuCo2Be	A3/1	-	Yes	-	-	-
Copper Alloys, Low Alloyed	-	G-CuNi2Si	A3/2	-	Yes	-	-	-
Miscellaneous Copper Alloys	CC212E	CuMn11Al8Fe3Ni3-C	CMA1	-	Yes	-	-	-
Miscellaneous Copper Alloys	CC245E	CuSi4Zn4MnP-C	-	-	Yes	-	-	Yes
Miscellaneous Copper Alloys	CC246E	CuSi4Zn9MnP-C	-	-	Yes	-	-	Yes
Miscellaneous Copper Alloys	-	G-CuMn13Al9Fe3Ni3	CMA2	-	Yes	-	-	-
Copper-aluminium Alloys (Aluminium Bronze)	CC330G	CuAl9-C	-	Yes	-	Yes	-	-
Copper-aluminium Alloys (Aluminium Bronze)	CC331G	CuAl10Fe2-C	AB1	Yes	Yes	Yes	-	Yes
Copper-aluminium Alloys (Aluminium Bronze)	CC332G	CuAl10Ni3Fe2-C	-	Yes	Yes	Yes	-	Yes
Copper-aluminium Alloys (Aluminium Bronze)	CC333G	CuAl10Fe5Ni5-C	AB2	Yes	Yes	Yes	-	Yes
Copper-aluminium Alloys (Aluminium Bronze)	CC334G	CuAl11Fe6Ni6-C	-	Yes	Yes	Yes	-	-
Copper-aluminium Alloys (Aluminium Bronze)	-	G-CuAl6Si2Fe	AB3	-	Yes	-	-	-
Copper-nickel Alloys	CC380H	CuNi10Fe1Mn1-C	-	-	Yes	Yes	-	Yes
Copper-nickel Alloys	CC381H	CuNi30Fe1Mn1-C	-	-	Yes	Yes	-	-
Copper-nickel Alloys	CC382H	CuNi30Cr2FeMnSi-C	CN1	-	Yes	-	-	-
Copper-nickel Alloys	CC383H	CuNi30Fe1Mn1NbSi-C	CN2	-	Yes	-	-	-
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC480K	CuSn10-C	CT1	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC481K	CuSn11P-C	PB1	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC482K	CuSn11Pb2-C	-	-	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC483K	CuSn12-C	PB2	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC484K	CuSn12Ni2-C	CT2	-	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC490K	CuSn3Zn8Pb5-C	LG1	-	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC491K	CuSn5Zn5Pb5-C	LG2	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC492K	CuSn7Zn2Pb3-C	LG4	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC493K	CuSn7Zn4Pb7-C	-	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC494K	CuSn5Pb9-C	LB4	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC495K	CuSn10Pb10-C	LB2	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC496K	CuSn7Pb15-C	LB1	-	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC497K	CuSn5Pb20-C	LB5	-	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC498K	CuSn6Zn4Pb2-C	-	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	CC499K	CuSn5Zn5Pb2-C	-	Yes	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	-	G-CuSn10PbP	PB4	-	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	-	G-CuSn7PbP	LPB1	-	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	-	G-CuSn10Zn2	G1	-	Yes	Yes	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	-	G-CuSn8Zn4Pb	G2	-	Yes	-	-	-
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	-	G-CuSn7Ni5Zn3	G3	-	Yes	-	-	Yes
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	-	G-CuSn10Pb5	LB3	-	Yes	-	-	-
Copper-tin Alloys (Gunmetal, Phosphor Bronze and Leaded Bronze)	-	G-CuSn7Pb4Zn2	LG3	-	Yes	-	-	-
Copper-zinc Alloys, (Complex Brasses)	CC750S	CuZn33Pb2-C	SCB3	-	Yes	Yes	-	-
Copper-zinc Alloys, (Complex Brasses)	CC751S	CuZn33Pb2Si-C	DZR2	-	-	-	Yes	-
Copper-zinc Alloys, (Complex Brasses)	CC752S	CuZn35Pb2Al-C	DZR1	Yes	-	Yes	-	-

Copper-zinc Alloys, (Complex Brasses)	CC753S	CuZn37Pb2Ni1AlFe-C	-	Yes	-	-	-	-
Copper-zinc Alloys, (Complex Brasses)	CC754S	CuZn39Pb1Al-C	DCB3	Yes	Yes	Yes	Yes	-
Copper-zinc Alloys, (Complex Brasses)	CC755S	CuZn39Pb1AlB-C	-	Yes	-	-	Yes	-
Copper-zinc Alloys, (Complex Brasses)	CC757S	CuZn39Pb1AlB-C	-	Yes	Yes	-	Yes	Yes
Copper-zinc Alloys, (Complex Brasses)	CC760S	CuZn15As-C	SCB6	-	Yes	-	-	-
Copper-zinc Alloys, (Complex Brasses)	CC761S	CuZn16Si4-C	-	Yes	Yes	-	Yes	-
Copper-zinc Alloys, (Complex Brasses)	CC762S	CuZn25Al5Mn4Fe3-C	HTB3	Yes	Yes	Yes	-	Yes
Copper-zinc Alloys, (Complex Brasses)	CC763S	CuZn32Al2Mn2Fe1-C	-	-	Yes	-	Yes	-
Copper-zinc Alloys, (Complex Brasses)	CC764S	CuZn34Mn3Al2Fe1-C	-	Yes	Yes	Yes	-	-
Copper-zinc Alloys, (Complex Brasses)	CC765S	CuZn35Mn2Al1Fe1-C	HTB1	Yes	Yes	Yes	-	Yes
Copper-zinc Alloys, (Complex Brasses)	CC766S	CuZn37Al1-C	-	Yes	-	-	-	-
Copper-zinc Alloys, (Complex Brasses)	CC767S	CuZn38Al-C	DCB1	Yes	-	-	-	-
Copper-zinc Alloys, (Complex Brasses)	CC768S	CuZn21Si3P-C	-	Yes	Yes	-	-	Yes
Copper-zinc Alloys, (Complex Brasses)	CC770S	CuZn36Pb-C	-	Yes	-	-	Yes	-
Copper-zinc Alloys, (Complex Brasses)	CC771S	CuZn36AlAsSb-C	-	-	-	-	-	Yes
Copper-zinc Alloys, (Complex Brasses)	CC772S	CuZn36Pb1AlAsSb-C	-	-	-	-	-	Yes
Copper-zinc Alloys, (Complex Brasses)	CC773S	CuZn42Al-C	-	Yes	-	-	-	-
Copper-zinc Alloys, (Complex Brasses)	-	G-CuZn37Sn	DCB2	Yes	-	-	-	-
Copper-zinc Alloys, (Complex Brasses)	-	G-CuZn40Pb	PCB1	-	-	-	Yes	-
Copper-zinc Alloys, (Complex Brasses)	-	G-CuZn25Pb3Sn2	SCB1	-	Yes	-	-	-
Copper-zinc Alloys, (Complex Brasses)	-	G-CuZn30Pb3	SCB2	-	Yes	-	-	-
Copper-zinc Alloys, (Complex Brasses)	-	G-CuZn36Sn	SCB4	-	Yes	-	-	-
Copper-zinc Alloys, (Complex Brasses)	-	G-CuZn10Sn	SCB5	-	Yes	-	-	-
Copper-zinc Alloys, (Complex Brasses)	-	G-CuZn36Al4FeMn	HTB2	-	Yes	Yes	-	-

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