

## Copper and Copper Alloy Standard

	GB(CHINA)	TOCT(RUSSIA)	ASTM(USA)	DIN(GERMANY)	BS(ENGLAND)	NF(FRANCE)	JIS(JAPAN)	ISO
Red Copper	T1	M0	-	-	-	Cu-a1	C1020	-
	T2	M1	C11000	E-Cu58	C102	Cu-a2	C1100	Cu-FRHC
	T3	M2	C12500	-	C104	Cu-a3	-	-
Oxygen Free Copper	TU1	M0B	C10100	-		Cu-c2	C1011	-
	TU2	M0B	C10200	OF-Cu	C103	Cu-c1	C1020	Cu-0F
Phosphorized Copper	TP1	M1p	C12000	SW-Cu	-	Cu-b2	C1201	Cu-DLP
	TP2	M1Φ	C12200 C12300	SF-Cu	C106	Cu-b1	C1220	Cu-DHP
Arsenic and Brass	Hsn70-1	JIOM <sub>III</sub> 70-1-0.05	C44300	CuZn28Sn	Cz111	CuZn29Sn1	C4430	CuZn28Sn1
	HAL77-2	JIAM <sub>III</sub> 77-2-0.05	C68700	CuZn20Al	CA110	-	C6870	CuZn20Al2
	H68A	-	C26130	-	CZ126	CuZn30	-	CuZn30As
Common Brass	H96	JI96	C21000	CuZn5	CZ125	CuZn5	C2100	CuZn5
	H90	JI90	C22000	CuZn10	CZ101	CuZn10	C2200	CuZn10
	H85	JI85	C23000	CuZn15	CZ102	CuZn15	C2300	CuZn15
	H80	JI80	C24000	CuZn20	CZ103	CuZn20	C2400	CuZn20
Common	H70	JI70	C26000	CuZn30	CZ106	CuZn30	C2600	CuZn30

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Brass	H68	JI68	C26200	CuZn33	-	-	-	-
	H65	-	C27000	CuZn36	CZ107	CuZn35	C2700	CuZn35
	H63	JI63	C27200	CuZn37	CZ108	CuZn37	C2720	CuZn37
	H62	JI60	C28000	-	CZ109	CuZn40	C2800	CuZn40
Lead Brass	HPb63-3	JIC63-3	C34500	CuZn36Pb3	CZ124	-	C3560	-
	HPb63-0.1	-	-	CuZn37Pb0.5	-	-	-	-
	HPb62-0.8	-	C35000	-	-	-	C3710	CuZn37Pb1
	HPb61-1	JIC60-1	C37100	CuZn39Pb0.5	CZ123	CuZn40Pb	C3710	-
	HPb59-1	JIC59-1	C37710	CuZn40Pb2	CZ123	-	C3771	CuZn39Pb1
Common cupronickel	B0.6	MH0.6	-	-	-	-	-	-
	B5	MH5	-	-	-	CuNi5	-	-
	B19	MH19	C71000	-	CN104	CuNi20	-	-
	B25	MH25	C71300	CuNi25	CN105	CuNi25	-	CuNi25
German silver	BZn15-20	-	C75400	CuNi18Zn20	NS105	CuNi15Zn22	C7521	CuNi15Zn22
	BZn15-21-1.8	-	-	-	NS112	-	-	-
Iron copper	BFe10-1-1	-	C70600	CuNi10Fe1Mn	CN102	CuNi10Fe1Mn		CuNi10Fe1Mn

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	BFe30-1-1	-	C71630 C71640 C71500	CuNi30Mn1 Fe	CN107	CuNi30Mn1 Fe	C7150	CuNi30Mn1 Fe
Manganin	BMn3-12	-	-	-	-	-	-	-
	BMn40-1.5	-	-	-	-	-	-	-
	BMn43-0.5	-	-	CuNi44Mn1	-	CuNi44Mn	-	CuNi44Mn1
Zirconium bronze	QZr0.2	-	C15000	CuZr	-	-	-	-
Chromium bronze	QCr0.5	BPx0.5 BPx0.8	C18100 C18200 C18400	CuCr	CC101	-	C1820	CuCr1
Beraloy	QBe1.9	BPBHT1.9	C17200	-	-	CuBe1.9	-	-
	QBe2	BPB2	C17200	CuBe2	CB101	-	C1720	CuBe2
Tin bronze	QSn4-0.3	BPOΦ4-0.25	C51100	CuSn4	PB101	CuSn4	C5101	CuSn4
	QSn6.5-0.1	BPOΦ6.5-0.15	C51900	CuSn6	PB103	CuSn6	C5191	CuSn6

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	QSn6.5-0.4	BPOΦ6.5-0.4	C51900	CuSn6	PB103	CuSn6	C5191	CuSn6
	QSn7-0.2	BPOΦ7-0.2	C52100	CuSn8	PB103 PB104	CuSn8	C5210 C5212	CuSn8
	QSn4-3	-	-	-	-	-	-	CuSn4Zn2
Silicon bronze	QSi3-1	-	C65500	-	CS101	CuSi3Mn	-	CuSi3Mn1
e	QSi1-3	-	C65800	CuNi3Si	-	-	-	-
Aluminium bronze	QA15	-	C60600	CuAl15As	CA101	CuAl6		CuAl5
	QA17	-	C61000	CuAl8	CA102	CuAl8	-	CuAl5
	QA19-2	-	-	CuAl9Mn2	-	-	-	CuAl9Mn2
	QA19-4	-	C62300	-	-	-	-	-
	QA10-3-1.5	-	C63200	CuAl10Fe3Mn2	-	-	C6161	CuAl10Fe3
	QA10-4-4		C63300	CuAl10Ni5Fe4	CA104	CuAl10Ni5Fe4	C6301	CuAl10Fe5Ni5