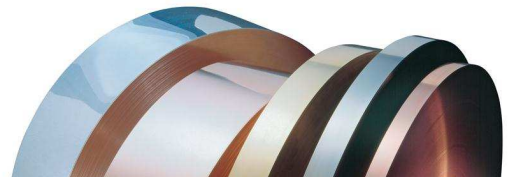


Overview of Copper Alloys for Strip



Diehl Metall: Sundwiger Messingwerk	Sales Company: The Miller Company	DIN EN Symbol	UNS	JIS	DIN EN	Electrical Conductivity [MS/m]	Density [g/cm ³]	Applications of the alloy group
Bronze (Copper-Tin)								
BB15)	C505	(CuSn1,5)	C50500	-	-	24.9	8.9	Connectors for electrical engineering, electronics and automotive technology, stamped-bent parts, contact springs, leaf springs for relays, slide bearings, slide bars
BB20	C50715	CuSn2Fe0,1P	C50715	-	-	20	8.9	
BB21	C50725	CuSn2Zn2Fe	C50725	-	-	19	8.9	
BB40	C511	CuSn4	C51100	C5111	CW450K	11.6	8.9	
BB40 Plus	C511Plus	(CuSn4+)	C51100	C5111	CW450K	12	8.9	
BB50	C510	CuSn5	C51000	C5102	CW451K	9.9	8.9	
BB60	C519	CuSn6	C51900	C5191	CW452K	8.1	8.8	
BB60 Plus	C519Plus	(CuSn6+)	C51900	C5191	CW452K	8.1	8.8	
BB80	C521	CuSn8	C52100	C5212	CW453K	7.5	8.8	
BB80 Plus	C521Plus	(CuSn8+)	C52100	C5212	CW453K	7.5	8.8	
BB95	C524	(CuSn10)	C52400	-	-	6	8.8	
Nickel Silver								
NB10	C745	CuNi10Zn27	C74500	C7451	CW401J	5	8.7	Coins, caps for quartz crystals, electromagnetic shieldings, deep drawing parts, tableware, security keys, cutlery, contact springs, connectors, leaf springs for relays, electrical contacts
NB12	C757	CuNi12Zn24	C75700	-	CW403J	4	8.7	
NB14	C762	CuNi12Zn29	C76200	-	CW405J	4	8.7	
NB15	C735	CuNi18Zn10	C73500	C7351	-	3	8.7	
NB16	C752	CuNi18Zn17	C75200	C7521	-	3	8.7	
NB17	C770	CuNi18Zn27	C77000	C7701	CW410J	3	8.8	
ES17	ES17	CuNi18Zn27	C77000	C7701	CW410J	3	8.8	
NB18	C764	CuNi18Zn20	-	C7521	CW409J	3	8.7	
ES18	ES18	CuNi18Zn20	-	-	-	3	8.7	
NX02	C78290	CuNi2Zn28Pb1	-	-	-	9,5	8,7	
NX05	C78270	CuNi5Zn28Pb1	C78270	-	-	5,8	8,7	
NX08	C782	CuNi8Zn25Pb2	C78200	-	-	6	8.7	
NX13	C792	CuNi12Zn25Pb1	C79200	-	CW404J	4	8.7	
High-Performance Alloys								
BB01	C14415	CuSn0,15	C14410 / C14415	C1441	CW117C	48	8.9	Age-hardenable alloys for connectors and power transistor carriers and semiconductor devices, leaf springs for relays, stamped-bent parts, transistor carriers, connector pins, carriers, car electrics
BB05xi	C19024	(CuSn0,5Ni)	C19024	-	-	36	8.9	
SX44	C544	CuZn4Sn4Pb4	C54400	-	CW456K	11	8.9	
SB01	C1921	CuFe0,1P	C19210	C1921	-	49	8.9	
SB02	C194	CuFe2P	C19400	C1940	CW107C	36.5	8.9	
SB21	C19010	CuNi1,5Si	C19010	-	-	33.5	8.9	
SB22	C70260 / C64700	CuNi2Si	C70260 / C64700	-	CW111C	32	8.8	
SB24	C70260 / C70265 / C64750	CuNi2SiSn	C70260 / C70265 / C64750	-	-	26	8.8	
SB26	C70260 / C70265	CuNi3Si	C70260 / C70265	-	-	26	8.8	
SB28	C70250	CuNi3SiMg	C70250	-	-	25	8.8	
SB92	C725	CuNi9Sn2	C72500	C7250	CW351H	6	8.9	

Overview of Copper Alloys for Strip



Diehl Metall: Sundwiger Messingwerk	Sales Company: The Miller Company	DIN EN Symbol	UNS	JIS	DIN EN	Electrical Conductivity [MS/m]	Density [g/cm ³]	Applications of the alloy group
Special Alloys								
SB35	C425	CuSn2Zn9	C42500	-	CW454K	16	8.8	Carriers, connectors, insulation displacement contacts (IDCs), contact springs, security keys
SB69	C425	CuSn3Zn9	C42500	-	CW454K	14.5	8.8	
SB32	C4425	(CuSn1Zn24)	C44250	-	-	13	8.6	
Brass (Copper-Zinc)								
MB10	C220	CuZn10	C22000	C2200	CW501L	25.5	8.8	Jewelry, metalware, transistor carriers, building facades, deep drawing parts, stamped-bent parts, connectors
MB20	C240	CuZn20	C24000	C2400	CW503L	18.5	8.8	
MB30	C260	CuZn30	C26000	C2600	CW505L	15.7	8.5	
MB36	C270	CuZn36	C27000	C2700	CW507L	14.5	8.4	
MB37	C272	CuZn37	C27200	C2720	CW508L	14.5	8.4	
Mint Alloys								
NM01	-	CuNi1Zn20	-	-	-	14	8.8	Coins and medals
NM24	C731-2	CuNi2Zn24	-	-	-	-	-	
NM02	-	CuNi2Zn28	-	-	-	9.5	8.7	
NM03	-	CuNi3Zn17	-	-	-	-	-	
NM04	-	CuNi4Zn20	-	-	-	-	-	
NM05	C731-1	CuNi5Zn20	C73100	-	-	7.5	8.7	
NM06	C731-6	CuNi5,5Zn24	-	-	-	-	-	
NM09	-	CuNi9Zn10	-	-	-	-	-	
NM11	-	CuNi12Zn18	-	-	-	-	-	
NM20	-	CuNi20Zn20	-	-	-	-	-	