

Alloy	Chemical Specification															
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As	Bi
CB333G CuAl10Fe5Ni5	76.0- 82.5	4.0- 5.5	4.0- 5.3	8.8- 10.0	2.5 MAX	0.1 MAX	0.40 MAX	0.03 MAX	0.10 MAX	0.05 MAX	0.05 MAX	-	-	-	-	0.01 MAX
AB2 CuAl10Fe5Ni5	BAL	4.0- 5.5	4.0- 5.5	8.8- 10.0	3.0 MAX	0.1 MAX	0.50 MAX	0.03 MAX	0.1 MAX	0.05 MAX	-	-	-	-	-	-
C95800	79.0 MIN	4.0- 5.0	3.5- 4.5	8.5- 9.5	0.8- 1.5	-	-	0.03 MAX	0.10 MAX	-	-	-	-	-	-	-
NS 16 570	77.0- 82.0	4.5- 6.3	3.5- 5.3	9.0- 10.0	0.3- 2.3	0.10 MAX	0.20 MAX	0.03 MAX	0.07 MAX	0.04 MAX	0.005 MAX	-	-	-	-	-
DIN 17656 1973 GB CuAl10Ni	76.0- 80.5	4.5- 6.3	3.5- 5.3	9.0- 10.6	2.3 MAX	0.10 MAX	0.20 MAX	0.03 MAX	0.07 MAX	0.04 MAX	-	-	-	-	-	-
CB332G CuAl10Ni3Fe2	80.0- 85.5	1.5- 4.0	1.0- 2.8	8.7- 10.5	2.0 MAX	0.20 MAX	0.50 MAX	0.03 MAX	0.15 MAX	0.05 MAX	-	-	-	-	-	-
CB334G CuAl11Fe6Ni6	72.0- 77.0	4.3- 7.5	4.2- 7.0	10.3- 12.0	2.5 MAX	0.20 MAX	0.40 MAX	0.04 MAX	0.10 MAX	0.05 MAX	-	-	-	-	-	-
C95500	78.0 MIN	3.0- 5.5	3.0- 5.0	10.0- 11.5	3.5 MAX	-	-	-	-	-	-	-	-	-	-	-
SIS 5716	BAL	4.5- 6.3	3.5- 5.3	9.0- 10.0	2.3 MAX	0.10 MAX	0.20 MAX	0.02 MAX	0.07 MAX	0.04 MAX	0.005 MAX	-	-	-	-	-
DS 5716	77.0- 82.0	4.5- 6.3	3.5- 5.3	9.0- 10.0	0.3- 2.3	0.10 MAX	0.20 MAX	0.03 MAX	0.07 MAX	0.04 MAX	0.005 MAX	-	-	-	-	-
NES747P2	BAL	4.5- 5.5	4.0- 4.5	8.9- 9.6	1.0- 1.4	0.05 MAX	0.05 MAX	0.01 MAX	0.05 MAX	-	-	-	-	-	-	-

WE ALSO PRODUCE CUSTOM SPECIFICATION ALLOYS TO ORDER

Alloy	Chemical Specification														
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As
CB331G CuAl10Fe2-B	83.0- 89.0	1.5 MAX	1.5- 3.3	8.7- 10.5	1.0 MAX	0.20 MAX	0.50 MAX	0.03 MAX	0.15 MAX	0.05 MAX	-	-	-	-	-
AB1 CuAl10Fe3	BAL	1.0 MAX	1.5- 3.5	8.7- 10.5	1.0 MAX	0.1 MAX	0.50 MAX	0.03 MAX	0.2 MAX	0.05 MAX	-	-	-	-	-
C95400	83.0 MIN	1.5 MAX	3.0- 5.0	10.0- 11.5	0.5 MAX	-	-	-	-	-	-	-	-	-	-
NS 16 575	83.0- 89.3	3.0 MAX	1.0- 3.5	8.7- 10.5	1.0 MAX	0.20 MAX	0.40 MAX	0.10 MAX	0.10 MAX	-	-	-	-	-	-
DIN 17656 1973 GB CuAl10Fe	83.0- 89.0	2.7 MAX	2.0- 3.8	8.7- 10.7	0.8 MAX	0.20 MAX	0.40 MAX	0.10 MAX	0.10 MAX	0.04 MAX	-	-	-	-	-
CB330G CuAl9-C	88.0- 91.5	1.0 MAX	1.0 MAX	8.2- 10.5	0.50 MAX	0.25 MAX	0.40 MAX	-	0.15 MAX	-	-	-	-	-	-
CB334G CuAl11Fe6Ni6-C	72.0- 77.0	4.3- 7.5	4.2- 7.0	10.3- 12.0	2.5 MAX	0.20 MAX	0.40 MAX	0.04 MAX	0.10 MAX	0.05 MAX	-	-	-	-	-
C95500	78.0 MIN	3.0- 5.5	3.0- 5.0	10.0- 11.5	3.5 MAX	-	-	-	-	-	-	-	-	-	-

WE ALSO PRODUCE CUSTOM SPECIFICATION ALLOYS TO ORDER

Alloy	Chemical Specification															
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As	Bi
CB491K CuSn5Zn5Pb5	83.0-86.5	2.0 MAX	0.25 MAX	0.01 MAX	-	4.2-6.0	4.5-6.5	4.2-5.8	0.01 MAX	-	-	0.03 MAX	0.25 MAX	0.08 MAX	-	-
LG2 CuSn5Pb5Zn5	BAL	2.0 MAX	0.25 MAX	0.01 MAX	-	4.0-6.0	4.5-6.0	4.0-6.0	0.02 MAX	-	-	0.02 MAX	-	0.1 MAX	-	0.05 MAX
RG5	83.5-85.5	2.3 MAX	0.20 MAX	0.01 MAX	0.1 MAX	4.3-6.0	4.5-6.5	4.0-6.0	0.01 MAX	-	-	0.03 MAX	0.25 MAX	0.06 MAX	0.10 MAX	-
UE5	BAL	1.5 MAX	0.30 MAX	0.01 MAX	-	4.0-6.0	4.0-6.0	4.0-6.0	0.01 MAX	-	-	-	-	0.10 MAX	-	-
SIS 14 1977 5204	85 MAX	2.0 MAX	0.25 MAX	0.01 MAX	0.01 MAX	4.3-6.0	4.5-6.0	4.0-5.7	0.01 MAX	-	-	0.03 MAX	0.25 MAX	0.06 MAX	-	-
C83600	84.0-86.0	1.0 MAX	0.3 MAX	0.005 MAX	-	4.0-6.0	4.0-6.0	4.0-6.0	0.005 MAX	-	-	0.05 MAX	0.25 MAX	0.08 MAX	-	-
CB490K CuSn3Zn8Pb5	81.0-85.5	2.0 MAX	0.50 MAX	0.01 MAX	-	2.2-3.5	7.5-10.0	3.5-5.8	0.01 MAX	-	-	0.03 MAX	0.25 MAX	0.08 MAX	-	-
LG1 CuSn3Pb5Zn8	BAL	2.0 MAX	-	0.01 MAX	-	2.0-3.5	7.5-9.5	4.0-6.0	0.02 MAX	-	-	-	-	0.1 MAX	-	0.10 MAX
C84400	78.0-82.0	1.0 MAX	0.4 MAX	0.005	-	2.5-3.5	7.0-10.0	6.0-8.0	0.005	-	-	0.02 MAX	0.25 MAX	0.08 MAX	-	-
CB499K	84.0-87.5	0.60 MAX	0.30 MAX	0.01 MAX	-	4.2-6.0	4.5-6.5	3.0 MAX	0.01 MAX	-	-	0.03 MAX	0.10 MAX	0.04 MAX	0.3 MAX	-

WE ALSO PRODUCE CUSTOM SPECIFICATION ALLOYS TO ORDER

Alloy	Chemical Specification															
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As	Bi
RG10	86.0-88.5	1.8 MAX	0.20 MAX	0.01 MAX	0.10 MAX	9.2-11.0	1.0-3.0	1.3 MAX	0.01 MAX	-	-	0.03 MAX	0.25 MAX	0.06 MAX	0.10 MAX	-
G1 CuSn10Zn2	BAL	1.0 MAX	0.15 MAX	0.01 MAX	-	9.7-10.5	1.75-2.75	1.5 MAX	0.02 MAX	-	-	0.02 MAX	-	0.10 MAX	-	0.03 MAX
G3 CuSn7Ni5Zn3	BAL	5.25-5.75	-	0.01 MAX	0.02 MAX	6.5-7.5	1.75-3.0	0.1-0.5	0.01 MAX	-	-	0.02 MAX	-	0.1 MAX	-	0.02 MAX
C90500	86.0-89.0	1.0 MAX	0.20 MAX	0.005 MAX	-	9.0-11.0	1.0-3.0	0.30 MAX	0.005 MAX	-	-	0.05 MAX	0.20 MAX	0.05 MAX	-	-
DS 3001 5458 1978	86.0-88.5	2.0 MAX	0.20 MAX	0.01 MAX	0.20 MAX	9.3-11.0	1.0-3.0	1.3 MAX	0.01 MAX	-	-	0.03 MAX	0.30 MAX	0.10 MAX	-	-
NS 16 512 1977	86.0-88.5	0.8 MAX	0.20 MAX	0.01 MAX	0.10 MAX	9.0-11.0	1.0-3.0	1.3 MAX	0.01 MAX	-	-	0.05 MAX	0.30 MAX	0.05 MAX	0.10 MAX	-
SIS 14 5458 1977	86.0-88.5	2.0 MAX	0.20 MAX	0.01 MAX	0.20 MAX	9.3-11.0	1.0-3.0	1.3 MAX	0.01 MAX	-	-	0.03 MAX	0.03 MAX	0.10 MAX	-	-
WE ALSO PRODUCE CUSTOM SPECIFICATION ALLOYS TO ORDER																

Alloy	Chemical Specification														
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As
CB480K CuSn10	88.5-90.5	1.8 MAX	0.15 MAX	0.01 MAX	0.10 MAX	9.3-11.0	0.5 MAX	0.8 MAX	0.01 MAX	-	-	0.05 MAX	0.15 MAX	0.04 MAX	-
DIN 17656 1973 GB CuSn10	88.5-90.5	1.8 MAX	0.15 MAX	0.01 MAX	0.10 MAX	9.3-11.0	0.5 MAX	0.8 MAX	0.01 MAX	-	-	0.05 MAX	0.15 MAX	0.04 MAX	0.10 MAX
CT1 CuSn10	BAL	0.25 MAX	0.15 MAX	0.01 MAX	0.2 MAX	9.2-11.0	0.05 MAX	0.25 MAX	0.02 MAX	-	-	0.05 MAX	0.2 MAX	0.05 MAX	-
PB1 CuSn10P	BAL	0.10 MAX	0.10 MAX	0.01 MAX	0.05 MAX	10.2-11.5	0.05 MAX	0.25 MAX	0.02 MAX	-	-	0.6-1.0	0.05 MAX	0.05 MAX	-
CB481K CuSn11P	87.0-89.3	0.10 MAX	0.10 MAX	0.01 MAX	0.05 MAX	10.2-11.5	0.05 MAX	0.25 MAX	0.01 MAX	-	-	0.6-1.0	0.05 MAX	0.05 MAX	-
CB482K CuSn11Pb2	83.5-86.5	2.0 MAX	0.15 MAX	0.01 MAX	0.2 MAX	10.7-12.5	2.0 MAX	0.7-2.5	0.01 MAX	-	-	0.20 MAX	0.05 MAX	0.08 MAX	-
PB2 CuSn11	BAL	0.50 MAX	0.10 MAX	0.01 MAX	-	11.2-13.0	0.3 MAX	0.50 MAX	0.02 MAX	-	-	0.25-0.60	-	0.10 MAX	-
CB484K CuSn12Ni2	84.0-87.0	1.5 - 2.4	0.15 MAX	0.01 MAX	0.10 MAX	11.3-13.0	0.3 MAX	0.2 MAX	0.01 MAX	-	-	0.05 MAX	0.05 MAX	0.04 MAX	-
C90700	88.0-90.0	0.50 MAX	0.15 MAX	0.005 MAX	-	10.0-12.0	0.5 MAX	0.50 MAX	0.005 MAX	-	-	0.30 MAX	0.20 MAX	0.05 MAX	-
DIN 17656 1973 GB CuSn12	86.0-88.0	1.8 MAX	0.15 MAX	0.01 MAX	0.10 MAX	11.3-13.0	0.5 MAX	0.8 MAX	0.01 MAX	-	-	0.05 MAX	0.15 MAX	0.04 MAX	0.10 MAX
DIN 17656 1973 GB CuSn12Ni	84.0-87.0	1.5 - 2.4	0.15 MAX	0.01 MAX	0.10 MAX	11.3-13.0	0.3 MAX	0.15 MAX	0.01 MAX	-	-	0.05 MAX	0.05 MAX	0.04 MAX	0.10 MAX
SIS 14 5443 1977	88.0-90.8	2.0 MAX	0.15 MAX	0.01 MAX	0.2 MAX	9.3-11.0	0.5 MAX	0.8 MAX	0.01 MAX	-	-	0.05 MAX	0.20 MAX	0.05 MAX	-
CB483K CuSn12	85.5-88.5	2.0 MAX	0.15 MAX	0.01 MAX	0.2 MAX	11.2-13.0	0.4 MAX	0.6 MAX	0.01 MAX	-	-	0.20 MAX	0.15 MAX	0.05 MAX	-
PB4 CuSn10Pb	BAL	0.5 MAX	-	-	-	9.7 MIN	0.5 MAX	0.75 MAX	-	-	-	0.5 MIN	-	0.1 MAX	-

WE ALSO PRODUCE CUSTOM SPECIFICATION ALLOYS TO ORDER

Alloy	Chemical Specification														
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As
LB2 CuPb10Sn10	BAL	2.0 MAX	0.15 MAX	0.01 MAX	0.20 MAX	9.2- 11.0	1.0 MAX	9.0- 10.5	0.02 MAX	-	-	0.05 MAX	0.5 MAX	0.10 MAX	-
CB495K CuSn10Pb10	78.0- 81.5	2.0 MAX	0.20 MAX	0.01 MAX	0.20 MAX	9.2- 11.0	2.0 MAX	8.2- 10.5	0.01 MAX	-	-	0.10 MAX	0.5 MAX	0.08 MAX	-
DIN 17656 1973 GB CuPb10Sn	78.0- 81.0	1.3 MAX	0.15 MAX	0.01 MAX	0.10 MAX	9.3- 11.0	0.8 MAX	8.5- 10.5	0.01 MAX	-	-	0.03 MAX	0.30 MAX	0.08 MAX	0.10 MAX
NS 16 540 1977	78.0- 81.0	2.0 MAX	0.15 MAX	0.01 MAX	0.20 MAX	9.3- 11.0	2.0 MAX	8.5- 10.5	0.01 MAX	-	-	0.05 MAX	0.5 MAX	0.10 MAX	-
DS 3001 5640 1978	78.0- 81.0	2.0 MAX	0.15 MAX	0.01 MAX	0.20 MAX	9.3- 11.0	2.0 MAX	8.5- 10.5	0.01 MAX	-	-	0.05 MAX	0.5 MAX	0.5 MAX	-
SIS 15 5640 1977	70.0- 81.0	2.0 MAX	0.15 MAX	0.01 MAX	0.2 MAX	9.3- 11.0	1.0 MAX	8.5- 10.5	0.1 MAX	-	-	0.05 MAX	0.5 MAX	0.10 MAX	-
LB1 CuPb15Sn9	BAL	2.0 MAX	-	-	-	8.0- 10.0	1.0 MAX	13.5- 16.5	-	-	-	0.10 MAX	0.5 MAX	0.10 MAX	-
CB496K CuSn7Pb15	74.0- 79.5	0.5- 2.0	0.20 MAX	0.01 MAX	0.20 MAX	6.2- 8.0	2.0 MAX	13.2- 17.0	0.01 MAX	-	-	0.10 MAX	0.5 MAX	0.08 MAX	-
CB494K CuSn5Pb9	80.0- 86.5	2.0 MAX	0.20 MAX	0.01 MAX	0.20 MAX	4.2- 6.0	2.0 MAX	8.2- 10.0	0.01 MAX	-	-	0.10 MAX	0.5 MAX	0.08 MAX	-
LB4 CuPb9Sn5	BAL	2.0 MAX	0.15 MAX	0.01 MAX	0.20 MAX	4.2- 6.0	2.0 MAX	8.5- 10.0	0.02 MAX	-	-	0.05 MAX	0.5 MAX	0.10 MAX	-

WE ALSO PRODUCE CUSTOM SPECIFICATION ALLOYS TO ORDER

Alloy	Chemical Specification															
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As	Bi
CB492K CuSn7Zn2Pb3	85.0-88.5	2.0 MAX	0.20 MAX	0.01 MAX	-	6.2-8.0	1.7-3.2	2.7-3.5	0.01 MAX	-	-	0.03 MAX	0.25 MAX	0.08 MAX	-	-
CB498K CuSn6Zn4Pb2	86.0-89.5	1.0 MAX	0.25 MAX	0.01 MAX	-	5.7-6.5	3.2-5.0	1.2-2.0	0.01 MAX	-	-	0.03 MAX	0.25 MAX	0.08 MAX	-	-
LG4 CuSn7Pb3Zn3	BAL	2.0 MAX	0.2 MAX	0.01 MAX	-	6.0-8.0	1.7-3.2	2.7-3.5	0.01 MAX	-	-	0.02 MAX	0.25 MAX	0.1 MAX	0.15 MAX	0.05 MAX
RG7	81.0-84.5	1.8 MAX	0.20 MAX	0.01 MAX	0.10 MAX	6.3-8.0	3.3-5.0	5.3-7.0	0.01 MAX	-	-	0.03 MAX	0.25 MAX	0.06 MAX	0.10 MAX	-
SAE 660	81.0-85.0	1.0 MAX	0.20 MAX	0.005 MAX	-	6.3-7.5	2.0-4.0	6.0-8.0	0.005 MAX	-	-	0.15 MAX	0.35 MAX	-	-	-
C92200	86.0-90.0	0.8 MAX	0.20 MAX	0.005 MAX	-	5.8-6.5	3.5-5.0	1.0-1.8	0.005 MAX	-	-	0.03 MAX	0.20 MAX	0.05 MAX	-	-
NS 16 525 1977	82.0-84.0	2.0 MAX	0.20 MAX	0.01 MAX	-	6.3-8.0	2.3-5.0	5.3-7.0	0.01 MAX	-	-	0.03 MAX	0.30 MAX	0.06 MAX	-	-
DS 3001 1978 5445	83.5-85.5	2.0 MAX	0.25 MAX	0.01 MAX	0.10 MAX	8.3-10.0	3.5-5.5	1.5-3.0	0.01 MAX	-	-	0.03 MAX	0.30 MAX	0.06 MAX	-	-
RG9	85.0-87.0	0.75 MAX	0.20 MAX	0.01 MAX	0.10 MAX	8.5-10.0	1.5-2.5	2.0-4.0	0.01 MAX	-	-	0.03 MAX	0.30 MAX	0.06 MAX	0.15 MAX	-

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Alloy	Chemical Specification														
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As
SCB1 CuZn25Pb3Sn2	70-77	1.0 MAX	0.5 MAX	0.01 MAX	-	1.0-3.0	BAL	2.0-5.0	-	-	-	-	-	-	-
SCB3 CuZn33Pb2	63.0-66.0	1.0 MAX	0.5 MAX	0.1 MAX	0.2 MAX	-	BAL	1.0-2.8	0.03 MAX	-	-	0.02 MAX	-	-	-
DCB1 CuZn40	59.0-62.0	-	-	0.25-0.5	-	-	BAL	0.25 MAX	-	-	-	-	-	-	-
DCB3 CuZn40Pb	58.0-62.0	1.0 MAX	0.5 MAX	0.2-0.8	0.5 MAX	1.0 MAX	BAL	0.5-2.5	0.05 MAX	-	-	-	-	-	-

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Alloy	Chemical Specification														
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As
CB764S CuZn34Mn3Al2Fe1	55.0-65.0	2.7 MAX	0.8-2.0	1.5-3.0	1.0-3.5	0.3 MAX	BAL	0.2 MAX	0.08 MAX	-	-	0.02 MAX	-	-	-
HTB1 CuZn35AlFeMn	57.0 MIN	1.0 MAX	0.7-2.0	0.5-2.5	0.1-3.0	1.0 MAX	BAL	0.50 MAX	0.10 MAX	-	-	-	-	-	-
HTB3 CuZn28Al5FeMn	55.0 MIN	1.0 MAX	1.5-3.25	3.0-6.0	1.5-4.0	0.20 MAX	BAL	0.20 MAX	0.10 MAX	-	-	-	-	-	-
C86300 SAE430B	60.0-66.0	1.0 MAX	2.0-4.0	5.0-7.5	2.5-5.0	0.02 MAX	22.0-28.0	0.20 MAX	-	-	-	-	-	-	-
CB752S CuZn35Pb2Al	61.5-65.0	0.25 MAX	0.3 MAX	0.3-0.7	0.15 MAX	0.40 MAX	BAL	1.5-2.4	0.02 MAX	-	-	-	-	-	-
CB765S CuZn35Mn2Al1Fe1	56.0-64.0	6.0 MAX	0.5-1.80	0.7-2.2	0.5-2.5	0.8 MAX	BAL	0.50 MAX	0.10 MAX	-	-	0.02 MAX	-	-	-
C86200 SAE430A	60.0-66.0	1.0 MAX	2.0-4.0	3.0-4.9	2.5-5.0	0.20 MAX	22.0-28.0	0.20 MAX	-	-	-	-	-	-	-
MB12	56.0 MIN	0.5 MAX	0.7-1.5	0.4-0.6	0.7-1.5	0.1 MAX	BAL	0.5 MAX	0.1 MAX	-	-	-	-	-	-

WE ALSO PRODUCE CUSTOM SPECIFICATION ALLOYS TO ORDER

Alloy	Chemical Specification														
	Cu	Ni	Fe	Al	Mn	Sn	Zn	Pb	Si	Mg	Cr	P	Sb	S	As
3% Si	BAL	0.1 MAX	0.12 MAX	0.1 MAX	0.8- 1.2	0.1 MAX	0.12 MAX	0.08 MAX	2.9- 3.3	0.02 MAX	-	-	-	-	-
4% Si	BAL	0.03 MAX	0.7- 1.0	0.1 MAX	0.6- 0.8	0.02 MAX	0.12 MAX	0.02 MAX	4.0- 4.7	0.02 MAX	-	-	-	-	-

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