



ALLOY SPECIFICATIONS

ALLOY DESCRIPTION AND COMMERCIAL DESIGNATION	COPPER DEVELOPMENT ASSOCIATION NUMBER	MAJOR ELEMENTS NOMINAL PERCENTAGES COMPOSITION
ELECTROLYTIC TOUGH PITCH COPPER	CDA 110	CU 99.90
OXYGEN FREE COPPER	CDA 101	CU 99.99
OXYGEN FREE COPPER	CDA 102	CU 99.95
OXYGEN FREE SILVER BEARING COPPER	CDA 107	CU 99.95 AG .085
TELLURIUM BEARING COPPER	CDA C14500	CU 99.90 TE.40-.60
ZIRCONIUM COPPER	CDA C15000	CU 99.80 ZR .10-.20
CADMIUM COPPER	CDA C16200	CU REM CD .7-1.2 FE .02
BERYLLIUM COPPER ALLOY 165	CDA C17000	CU REM BE 1.60-1.79
BERYLLIUM COPPER ALLOY 25	CDA C17200	CU REM BE 1.80-2.00
LEADED BERYLLIUM COPPER ALLOY	CDA C17300	CU REM BE 1.80-2.00
		PB .20-.60
LOW BERYLLIUM COPPER ALLOY	CDA C17410	CU REM BE .15-.50
		CO .35-.60
BERYLLIUM COPPER ALLOY 10	CDA C17500	CU 99.5 BE .20-.70
		CO 2.4-2.7
BERYLLIUM COPPER ALLOY 3 OR 14	CDA C17510	CU REM BE .20-.60
		NI 1.4-2.2
GILDING BRONZE 95/5 ALLOY	CDA C21000	CU 94.0-96.0 ZN BAL
COMMERCIAL BRONZE 90/10 ALLOY	CDA C22000	CU 89.0-91.0 ZN BAL
RED BRASS 85/15 ALLOY	CDA C23000	CU 84.0-86.0 ZN BAL
LOW BRASS 80/20 ALLOY	CDA C24000	CU 78.5-81.5 ZN BAL
CARTRIDGE BRASS 70/30 ALLOY	CDA C26000	CU 68.5-71.5 ZN BAL
YELLOW BRASS 65/35 ALLOY	CDA C27000	CU 63.0-68.5 ZN BAL
HIGH LEADED BRASS 62%	CDA C35300	CU 60.0-63.0 PB 1.5-2.5
		ZN BAL
FREE CUTTING BRASS LEADED 3% ALLOY	CDA C36000	CU 60.0-63.0 PB 2.5-3.7
		FE .35 ZN BAL
TIN BRASS	CDA C43600	CU 80.0-83.0 SN 2-.5
		ZN BAL
NICKEL ALLOY 200	N02200	NI 99.2 NOM
NICKEL ALLOY 205	N02205	NI 99.6 NOM
MONEL 400	N04400	NI 63.0-70.00 FE 2.5
		MN 2.0 SI .5 CU BAL
52 ALLOY CONTROLLED EXPANSION	ALLOY 52	NI 52 FE BAL
KOVAR CONTROLLED EXPANSION	KOVAR	NI 29 CO 17 FE BAL
PHOSPHOR BRONZE 1.8% ALLOY	CDA C50700	CU REM SN 1.5-2.0 P .30
PHOSPHOR BRONZE GRADE A 5% ALLOY	CDA C51000	CU REM SN 4.2-5.8
		ZN .30 P .03-.35
PHOSPHOR BRONZE GRADE C 8% ALLOY	CDA C52100	CU REM SN 7.0-9.0
		ZN .20 P .03-.35
PHOSPHOR BRONZE GRADE C 8% ALLOY	CDA C52100	CU REM SN 7.0-9.0
		ZN .20 P .03-.35
LEADED BRONZE B-2	CDA C54400	CU REM SN 3.5-4.5 PB 3.5-4.5 ZN 1.5-4.5 P .01-.50
HIGH SILICON BRONZE A	CDA C65500	CU REM FE .8 MN .5-1.3 NI .6
		SI 2.8-3.8 ZN 1.5
CUPRO NICKEL ALLOY 80/20	CDA C71000	CU REM FE 1.0 MN 1.0
		NI 19.0-23.0 ZN 1.0
CUPRO NICKEL ALLOY 70/30	CDA C71500	CU REM FE 4.0-1.0 MN 1.0
		NI 29.0-33.0 ZN 1.0
TIN-BEARING COPPER NICKEL 9-2	CDA C72500	CU REM NI 8.5-10.5 SN
		1.8-2.8 FE .6 ZN .5 MN .2
NICKEL SILVER 72-18	CDA C73500	CU 70-73.5.0 MN .50 FE .25
		NI 16.5-19.50 ZN BAL
NICKEL SILVER 65-18	CDA C75200	CU 63.5-66.5 MN .5 FE .25
		NI 16.5-19.5 ZN BAL
NICKEL SILVER 65-12	CDA C75700	CU 63.5-66.5 MN .5 FE .25
		NI 11.0-13.0 ZN BAL
NICKEL SILVER 60-18	CDA C76400	CU 58.5-61.5 MN .5 FE .25
		NI 16.5-19.5 ZN BAL
FINE SILVER	N/A	AG 99.9
STERLING SILVER	N/A	AG 92.5 CU BAL
COPPER CLADDED STEEL	C1005/C1006	40% CONDUCTIVITY
DUMET	42 ALLOY	22% COPPER CLADDED