

# Automotive

## Alloys and standards

WROUGHT COPPER ALLOYS				
ISO	European Standard	UNS	Lba	Comments
COPPERS (>99% Cu) (C10100 to C15999)				
Cu-OF	CW008A	C10200	CuC1	
CuZr	CW120C	C15000	ZR16X	
HIGH COPPER ALLOYS (>96%Cu) (C16000 to C19999)				
CuBe2	CW101C	C17200	CB2	Also fits RWA -classe 4
CuCo2Be	CW104C		CB4	Also fits RWA -classe 3
CuNi2Si	CW111C	C18000	N55 N56	
CuCr1Zr	CW106C	C18150	CRM 16 CRM 16E POWERODE	Also fits RWA -classe 2
CuCr1Zr	CW105C	C18200	CRM 15	Also fits RWA -classe 2
CAST COPPER ALLOYS				
ISO	European Standard	UNS	Lba	Comments
BRASSES (Cu-Zn) (C83300 to C89999)				
CuSn5Zn5Pb5	EN 1982 / CC 491 K	C 83600		ASTM B 505
CuZn25Al5Mn4	EN 1982 / CC 762 S	C 86300		ASTM B 584
CuZn33Pb2	EN 1982 / CC 750 S			
CuZn34Mn3Al2Fe1	EN 1982 / CC 764 S			
CuZn35Mn2Al1Fe1	EN 1982 / CC 765 S			
CuZn39Pb1Al1	EN 1982 / CC 754 S			
BRONZES (Cu-Sn) (C90000 to C91999)				
CuSn10	EN 1982 / CC 480 K	C 90700		ASTM B 427
CuSn12	EN 1982 / CC 483 K	C 90800		ASTM B 427
CuSn12Ni2	EN 1982 / CC 484 K	C 91700		ASTM B 427
LEADED BRONZES (Cu-Sn -Pb) (C92000 to C94500)				
CuSn7Zn2Pb3	EN 1982 / CC 492 K	C 92413		
CuSn7Zn4Pb7	EN 1982 / CC 493 K	C 93200		ASTM B 584
CuSn5Pb9	EN 1982 / CC 494 K	C 93500		ASTM B 584
CuSn10Pb10	EN 1982 / CC 495 K	C 93700		ASTM B 584
CuSn11Pb2	EN 1982 / CC 482 K			
CuSn5Pb20	EN 1982 / CC 497 K	C 94100		ASTM B 505
COPPER ALUMINIUMS (Cu-Al-Ni-Fe-Si-Sn) (C95000 to C95999)				
CuAl8Mn			1981 DIN 1714 / 2.0962	
CuAl10Fe2	EN 1982 / CC 331 G	C 95200		ASTM B 148
CuAl10Fe5Ni5	EN 1982 / CC 333 G	C 95520		ASTM B 148
CuAl11Fe6Ni6	EN 1982 / CC 334 G			
CuAl10Ni3Fe2	EN 1982 / CC 332 G			