

Manufacture of Machines and Appliances

Type of alloy EN/ISO designation *	Alloy number		Swissmetal designation		Remarks
	EN	ASTM	Boillat plant	Dornach plant	
CuZn39Pb3	CW614N	C38500	58A	MS58Pb	Copper alloy most widely used in Europe. Outstanding machinability. For parts manufactured on automatic lathes.
CuZn37Mn3Al2PbSi	CW713R		58S	SoMs58Al2	Copper-zinc alloy with added aluminium, lead and silicon. High mechanical strength and toughness. Meets stringent demands for sliding stress resistance. Resistant to weathering.
CuZn37Pb1Sn1	CW714R	C48200		SoMs60Pb	Copper-zinc alloy with added tin and lead. Good hot-forming characteristics and machinability. Withstands effects of marine and other slightly corrosive environments.
CuZn40				DORECO	Lead-free brass grade for use in drinking-water supply systems and for coffee and tea machines.
CuNi2Si	CW111C			CuNi2Si	Precipitation hardenable copper alloy. High mechanical strength, corrosion resistance, satisfactory electrical conductivity.
CuAl10Ni5Fe4	CW307G	C63000		AlBz10Ni5	Multiphase material. High strength and hardness even at high temperatures and under cyclic loading. Resistant to scaling and corrosion.
CuZn36Pb2As	CW602N	C35330		ENZIDOR	Brass for machining with elevated galvanic corrosion resistance and corrosion resistance under stress.

* ISO designations are given for alloys not covered by EN standards.