

special alloys	DIN EN ISO 17672	AWS	composition in wt. %					melting range	base material	furnace atmosphere
			Ag	Cu	Sn	Ni	other			
silver alloy			Ag	Cu	Sn	Ni	other	°C		
ML 530			30	70	-	-	-	780 - 950 °C	steel, Cu-alloys	protective gas (H2, H2+N2, exogas), vacuum
ML 541			40	59	-	1	-	780 - 900 °C	steel, Cu-alloys	protective gas (H2, H2+N2, exogas), vacuum
ML 550			50	20	-	-	28 Zn 2 Ni	660 - 715 °C	steel, brass, Cu-alloys	protective gas (H2, H2+N2)
ML 556	AG 156	BAG-7	56	22	5	-	17 Zn	620 - 650 °C	steel, brass, Cu-alloys	protective gas (H2, H2+N2)
ML 572	AG 272	BAG-8	72	28	-	-	-	780 °C	steel, Ni-alloys, Cu-alloys	protective gas (H2, H2+N2, exogas), vacuum
sinter alloys			Ni	Cu	Mn	Si	B	°C		
ML 650			51	35	11	2	1	980 - 1060 °C	steel, stainless steel, sinter steel, Ni-alloys	protective gas (H2, H2+N2), vacuum
zinc alloys			Zn	Cu	Sn			°C		
ML 665			65	28	7	-	-	750 - 780° C	sinter material	protective gas (H2, H2+N2)
iron alloys			Ni	Cr	Si	P	other	°C		
ML 7805			18	30	6,5	5,5	Fe balance	1074 - 1104 °C	steel, stainless steel, Ni-alloys	vacuum
ML 7300			20	20	4	7	10 Cu, Fe balance	1000 - 1060 °C	steel, stainless steel, Ni-alloys	protective gas (H2, H2+N2), vacuum
ML 7813			27	29	6	6	Fe balance	1027 - 1097 °C	steel, stainless steel, Ni-alloys	protective gas (H2, H2+N2), vacuum
active brazing alloys			Ag				other			
RAB alloy silver-copper oxid			96				4 CuO	960 – 1060 °C	ceramic	air