

	ALLOY	NOMINAL COMPOSITION						CONTINUOUSLY CAST PROPERTIES			REFERENCE STANDARDS				
		Cu	Sn	Zn	Pb	P	Ni	Tensile Strength N/mm ²	Elongation %	Hardness HB	BRITISH BS 1400	GERMAN DIN	EUROPEAN	USA	OTHER
Phosphor Bronze	PB 1	88.75	10.5	<0.05	<0.25	<0.75		360-500	6.0-25	100-150	BS 1400 PB1	CuSn10	CC481K	C907	
	PB 2	88	11.5	<0.03	<0.50	<0.50		310-430	5.0-15	100-150	BS 1400 PB2	CuSn12	CC483K	C908	
	PB 4	88.75	10.5	<0.50	<0.75	<0.75		330-450	7.0-30	95-140					

Leaded Bronze	LB 1	76	9		15			230-310	9.0-10	70-90	BS 1400 LB 1	CuPb15Sn	CC496K		
	LB 2	80	10		10			230-310	6.0-15	80-90	BS 1400 LB 2	CuPb10Sn	CC495K	C937	
	LB 4	86	5		9			230-310	9.0-20	60-80	BS 1400 LB 4		CC494K	C935	
	LB 5	75	5		20			190-270	8.0-16	50-70	BS 1400 LB 5	CuPb20Sn	CC497K	C941	
	LPB1	89	7		3.5	0.5		270-360	5.0-18	85-110	BS 1400 LPB 1				
	SAE 67	78	6	1	16			Min 172	Min 5%			CuPb15Sn?		C939	
	SAE 660	83	7	3	7			Min 241	Min 10%			CuSn7ZnPb		C932	Rg 7

Gunmetal	G 1	88	10	2				300-370	9.0-25	90-130	BS 1400 G 1	CuSn10Zn			Rg 1
	G 3	85	7	2.2	0.3		5.5	340-370	18-25	90-130	BS 1400 G 3				
	SAE 620	87.5	8.5	4				Min 303	Min 20%					C903	

Leaded Gunmetal	LG 1	84	3	8	5						BS 1400 LG 1	CuSn2ZnPb	CC490K		Rg 2
	LG 2	85	5	5	5			270-340	13-35	75-90	BS 1400 LG 2	CuSn5ZnPb	CC491K	C836	Rg 5
	LG 4	88	7	3	3			300-370	13-30	80-95	BS 1400 LG 4		CC492K	C924	
	509	87.5	5	5	2.5			Min 200	Min 13	Min 65					Ca 3