Grade Reference To AS 1565-1998		Chemical Composition Limits Percent									Typical Mechanical Properties					DESCRIPTION & TYPICAL APPLICATIONS
		Cu	Si	Pb	Fe	Sn	Zn	Al	Ni	Other	Form of casting	Yield 2% Proof stress MPa Min.	U.T.S MPa Min.	Elong'n L=5.64 squared Min.	Hardness Brinell Min.	
83600A (LG2)	Min.	REM	-	4.00	-	4.00	4.00	-	-	Sb 0.25 / S 0.08 / P 0.05	Continuous	100	270	13	75	General purpose leaded gun-metal. Excellent machining qualities, medium strength, good pressure tightness and is not subject to dezincification.
	Max.		0.005	6.00	0.30	6.00	6.00	0.005	1.0		Centrifugal	110	220	8	80	
95210 (AB1)	Min.	86	-	-	2.5	-	-	8.5	-	Mn 1.0 max	Sand	170	450	20	90	95210 & 95810 are aluminium bronzes which exhibits good general corrosive resistance and find considerable applications in both hydrochloric, and sulfuric acid steel pickling.
	Max.	-	2.5	0.05	4.00	0.10	0.50	9.5	1.0							
95810 (AB2)	Min.	79	-	-	3.5	-	-	8.5	4.0	Mn 0.8-1.5	Sand	240	590	15	140	
	Max.	-	0.10	0.05	4.5	0.10	0.50	9.5	5.0							
90710 (PB1)	Min.	-	-	-	-	10	-	-	-	-	Continuous	170	360	6	100	90710 & 90810 are Phosphor bronzes which are generally used for hard shafts and heavy duty gears due to combination of heavy working load, high speed, impact loading or pounding.
	Max.	REM	0.005	0.25	0.10	12	0.05	0.005	0.10	-						
90810 (PB2)	Min.	-	-	-	-	11.2	-	-	-	-	Continuous	170	310	5	100	
	Max.	REM	0.005	0.25	0.15	13	0.30	0.005	0.50	-						

OTHER BRONZE UPON REQUEST	SHAPES
Tin bronze, Leaded bronze Manganese bronze (May be subject to min. order quantity)	To customer design and material specification (May be subject to min. order quantity)