

## Bismuth Bronze & Brass

Copper Alloy Number	Ingot Number	Composition (% maximum except as indicated)														Sand Cast Mechanical			ASTM Casting Standards
		Cu	Sn	Pb	Zn	Fe	Sb	Ni	Si	Al	Mn	P	S	Bi	Total Named Elements	Tensile ksi	Yield ksi	Elongation %	
<b>C89833</b>		86.0-91.0	4.0-6.0	0.09	2.0-6.0	0.30	0.25	1.0	0.005	0.005		0.05	0.08	1.7-2.7	99.3	30	14	16	B584
<b>C89836</b>		87.0-91.0	4.5-7.0	0.25	2.0-4.0	0.35	0.25	0.90	0.005	0.005		0.06	0.08	1.5-2.5	99.5	33	14	20	
<b>C89844</b>		83.0-86.0	3.0-5.0	0.20	7.0-10.0	0.30	0.25	1.0	0.005	0.005		0.05	0.08	2.0-4.0	99.3	28	13	15	B584, B763