Bronze

Manganese Bronze

The Manganese Bronze Alloy is a free machining, high strength alloy used in marine applications requiring strength, toughness and wear properties. It also is used for levers, brackets and gears.

Specifications	Alloy	Tensile	Yield	Elong
ASTM B584, B763	C86500 (421)	65,000	25,000	20

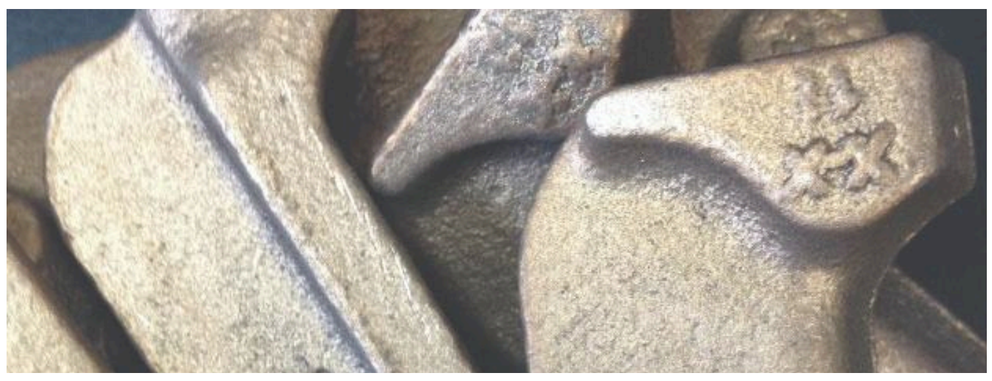
Aluminum Bronze

Aluminum Bronze is used in applications where good strength, hardness, ductility and corrosion resistance, including sea water is required. Applications include gears, slides, impellors and marine.

Specifications	Alloy	Tensile	Yield	Elong
ASTM B148, B763	C95800 (415)	85,000	35,000	15
	(Heat Treated)	85,000	35,000	15
	C95300 (415)	65,000	25,000	20
	(Heat Treated)	80,000	40,000	12
	(Heat Treated)	90,000	45,000	6
	C95500 (415)	90,000	40,000	6
	(Heat Treated)	110,000	60,000	5

Tin Bronze

The Tin Bronze Alloy is a high scale grade alloy. It's typically used in valves handling steam in temperatures up to 550°F and valves subjected to medium pressure. This alloy is also used for high duty bearings and bushings, valves, plumbing fixtures, potable water applications, gears, marine fittings and pump components.



Specifications	Alloy	Tensile	Yield	Elong
ASTM B584	C922000 (245) (Navy M)	34,000	16,000	22
ASTM B427	C90700	35,000	17,000	10

See Reverse Side for Information on Brass