

BS1400 G1

COPPER ALLOY

GUNMETAL G1

Originally the standard Alloy for the British Admiralty - Used for moderate to heavy loads in medium lubrication and marine conditions, Hard, strong, tough, resistant to wear, fine-grained.

Good machinability and corrosion resistant to sea water.

Used for Worm wheels, gears, bushings for heavy loads and low speeds. Good resistance to pounding. Admiralty bronze suitable for marine pumps and valves. Plain bearing shells, moderately stressed slide and coupling components. Stern tubes

Chemical Properties

Cu	Sn	Zn
88	10	2

Mechanical Properties

Yeild strength	Tensile strength	Elongation	Hardness
Min 0.2% Mpa	Min Mpa	Min %	HRB
160	300-370	9.0-25	90-130

Equivalent Designation

UNS C92610

DIN 1705 G-CuSn10Zn

SAE J461

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JIS H5111

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EN 1982-2008 CC

BS EN 1982-2008 CC 482K

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