

COPPER-ALLOYS - ALUMINIUM BRONZE – WELDING PRODUCTS (2)

PRODUCT GOLD	DESCRIPTIONS	TECHNICAL DETAILS	APPLICATIONS
628-GTAW 628 -GMAW	Aluminium Bronze wire used for joining and surfacing of copper-alloys, steel and cast iron. Also for dissimilar joints between copper alloys and steels. The deposit is corrosion, seawater and cavitation resistant with a low coefficient of friction. <u>Use with pure Argon as shielding gas.</u>	Rm (Mpa) : 380-430 Re (Mpa) : 180 A5 (%) : 40 Hardness:140-160 HB Weldmetal: Cu, AL MATERIAL 2.0921 AWS A5.7 ER CuAl-A1	Shipbuilding, Seawater applications Desalination plants chemical industry, propellers, bearings
907-SMAW (CU 114)	Copper Tin Electrode for welding copper tin bronzes and brass. Weld deposit is resistant to salt water corrosion and therefore ideal for use in seawater desalination, naval construction, chemical and petrochemical industry. Electrode size Diam. 3.2 mm other sizes on request	Rm (MPa) 300 Rp (MPa) 120 A5 (%) 20 Hardness : ~ 110 HB Electrode is designed to weld on AC Current but can also be used on DC + AWS A 5.6 : E Cu Sn –A	For surfacing and build ups on brass, steel and cast iron. Repair Bronze Castings joining dissimilar metals Ship propeller repairs



ROTOR OVERLAY/PROTECTON



FOR PROPELLER REPAIR (ALBZ)



REBUILD WORN BEARING HOUSINGS



PUMP HOUSING REPAIR/PROTECTION