

## **OK TIGROD 19.40**

An Al alloyed copper solid rod for GTAW of aluminium bronzes

Classification AWS A5.7: ERCuAl-A1

### **DESCRIPTION**

An aluminium-bronze (CuAl8) rod for the GTAW of rolled and cast aluminium-bronze alloys. The alloy is noted for its high strength, good wear resistance and very good corrosion resistance, particularly in salt water.

**WELDING CURRENT:** DC-

**SHIELDING GAS:** Ar or He or Ar/He

### **TYPICAL PROPERTIES**

Wire Composition (Wt.%)	All Weld Mechanical Properties
Si <0.10	YS (N/mm <sup>2</sup> ) 175
Mn <0.50	UTS (N/mm <sup>2</sup> ) 420
Cu bal.	Elongation (%) 40
Al 7.80	
Zn <0.10	
Fe <0.50	

### **PACKING DATA**

Size (mm)	Length (mm)	Packing (5 Kg.)
2.4	1000	✓
3.2	1000	✓

**PACKING:** The rods are packed in tubes weighing 5 kg.