

Features and Applications

- Tubular rods with a non-conductive coating for underwater cutting purposes.
- It has a tube-wire configuration that provides maximum combustion capacity. The cutting electrodes are designed to fit standard torches.
- Suited for working underwater especially in the offshore industries, harbor constructions, shipbuilding and repair, maintenance, scrap, dismantling and salvage assignments.
- Cutting electrodes require the presence of current during the cutting process.
- Oxygen supply should have minimum 99.5% purity. 1% decrease in oxygen purity reduces the cut quality by 25%.
- Provides continual cuts on thick and thin materials.
- Can be used to cut; mild steel, cast iron, stainless steel, brass and non-ferrous metals.
- It has been proven to have excellent cutting performance over conventional cutting bars. (~2x cutting length)

RECOMMENDED SAFETY INSTRUCTIONS

- For underwater cutting operations, there should be a welding machine with VRD function, circuit breaker, suitable underwater cutting torch, oxygen regulator, pure oxygen source, hose and cable of sufficient length to reach the work area.
- AC welding machines should not be used for underwater cutting or welding.
- All equipment should be in good condition and inspected prior to operation.
- Oil, grease, or flammable should be kept away from cutting equipment which are oxygen cylinders, valves, regulators, hoses and cable.
- The operator must have obtained adequate diving and underwater welding training to understand and apply all safety precautions.
- For the diver's safety, do not use life support equipment that has been modified from the manufacturer's original specifications. Divers must wear wet or dry suits, electrically insulated gloves, appropriate eye protection glasses and an industrial diving helmet.

Current Type

D.C. (-)

Operating Data

Product Code	Diameter x Length (mm) / (inch)	Oxygen Pressure (Bar)	Welding Current (A)	Weight (kg/30 pcs)	Unit Weight (gr)
3030100114	10,00 x 450	6-10	150	5.4	180