

## TECHNICAL DATA

### Specification

Werkstoff Nr.: 2.0923

AWS A5.7 : ER CuNiAl

EN ISO 14640: S Cu 6328 (CuAl9Ni5Fe3Mn2)

DIN 1733T.1: SG CuAl8Ni6

Joining and surfacing of complex aluminum bronzes, copper aluminum and nickel alloy, non-alloy and low-alloy steels. High resistance against erosion and abrasion as well as corrosion from seawater.

### Field of Applications

For joining and repair on offshore and desalting equipment, marine industry, reactor construction and similar applications.

### Mechanical Properties

Tensile strength (N/mm <sup>2</sup> )	>700
0.2%-yield strength (Rp0.2)(mpa)	>400

Composition in %				
C 9.00	Mn 1.00	Fe 3.50	Ni 4.50	Cu Rest

### Welding Instructions

Clean welding zone thoroughly. Cracks in the base material have to be removed out completely. Prepare the material according to the information of suppliers.

### Available Sizes:

MA125 Spools: Ø mm 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.8

Rods (500 mm): Ø mm 0.4 / 0.5 / 0.6 / 0.8 / 1.0

