

TECHNICAL DATA

Specification

Material No.: 2.1461 / EN ISO 14640:S Cu 6560 (CuSi3Mn1) AWS A5.7:ER CuSi-A

Field of Applications

BeCu - Alloy (bronze) are alloys based on copper with aluminum, tin or silicon, often with alloying elements of iron, nickel and manganese. These alloys are mainly used in mold & die industry and the chemical industry, wherever a wear-resistant, low friction weld surface is required.

Mechanical Properties

Hardness untreated (HB10/100)	80
Tensile strength Rm (N/mm ²)	>350

Composition in %				
Al <0.01	Si 3.00	Mn 1.00	Fe 0.07	Sn 0.10
Zn 0.10	Cu Rest			

Compatible Materials:

Beryllium copper

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



EN 10204/3.1 2005 Quality Certified



e-version