



CW719R (CuZn39Sn1) – Naval Brass

EQUIVALENT SPECIFICATION

Grade: CW719R (CuZn39Sn1) Naval Brass
Standard: EN 12165

CHEMICAL SPECIFICATION

| Cu | Pb | Fe | Zn | Imp. | Sn | Ni | | | |
|---------|-----|-----|-----|------|---------|-----|--|--|--|
| 59 – 61 | 0.2 | 0.1 | Rem | 0.2 | 0.5 - 1 | 0.2 | | | |

DESCRIPTION:

Jalaram Metal Alloys – Naval Brass CW719R is a 60/40 alpha beta brass with the addition of 1% tin, which aids the alloy to resist dezincification in seawater corrosion applications.

The tin also gives additional strength to the alloy without significantly reducing the ductility associated with 60/40 brass. Naval Brass CW719R has excellent hot working characteristics that enable the alloy to be close die forged into valve bodies and other complex-shaped components and can be cold worked to increase the strength. This enables the alloy to be supplied in the half-hard or fully hard condition. Additionally, Naval Brass CW719R is used in the form of a flat product for condenser endplates in water treatment and desalination plants.

TYPICAL APPLICATIONS:

Building hardware, Fasteners, Electrical, Industrial, Marine, Ordnance.

PRODUCT

Rods & Bars
Hollow
Sections & Profiles
Ingots
Billets

SIZE RANGE

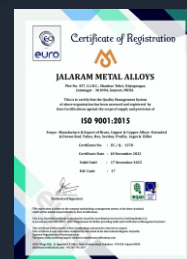
Dia. 8.00 mm to 101.00 mm

OTHER ALLOYS

Free Cutting Brass
Forging Brass
Naval Brass
Leaded Brass

Lead Free Brass
Silicon Brass
Eco Brass
DZR Brass

Low Leaded Brass
High tensile Brass
Bismuth Bronze
Copper & Copper Alloys



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