



NAVAL BRASS - COLD HEADING

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
Czech Republic	CuZn38Sn1
BS	CZ 112
JIS	C 4621

C462 brasses are very useful because of their strength, ductility & formability, fair electrical conductivity, and good corrosion resistance. Common applications for brasses include forged, stamped, rolled, and cold-headed products for electrical, mechanical or corrosion resistant applications. Due to their colorful nature, brasses are often used for decorative and architectural products and marine hardware.

TYPICAL APPLICATIONS:

- Decorative and architectural products and marine hardware due to its colorful appearance
- Fasteners and hardware for corrosion resistant service
- Marine applications
- High strength cold headed products
- Forged, rolled, and stamped products for use in electrical, mechanical or corrosion resistant applications

CHEMICAL COMPOSITION

	Cu	Fe	Pb	Sn	Zn
Min./Max.	62.0-65.0	.10	.20	.50-1.0	Rem.
Nominal	63.5	-	-	.7	-

PHYSICAL PROPERTIES

Density	0.305 lb/in ³ at 68 F
Specific Gravity	8.840

SIZES AVAILABLE :

HOLLOW RODS	Min Bore Size 20 mm and Max OD 100 mm
ROUND RODS/BARS	6mm To 130 mm
HEX	5mm To 60mm
SQUARE	4mm To 60mm
FLAT	5mm Min Thickness and max Width 120mm
PROFILES / SECTIONS	AS per Customer Drawing
BILLETS	Up to 200 mm
INGOTS	AS per Specification

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