

C66800 Manganese Brass Tensile Hollow Rods

The C66800 Manganese Brass comes under the category of naval brass and is composed of 60% copper, 39.2% zinc and 0.8% tin. In compliance with typical naval brass the alloy possess good strength as well as rigidity. The corrosion resistance towards sea water is achieved due to the presence of zinc in place of tin. The addition of tin also makes the alloy resistant towards dezincification, fatigue, galling, and stress corrosion cracking.



Applications:

- Gears
- Sealing Rings
- Thrust Bearings
- Bushings
- Cams
- Spindles
- Bearings
- Idler Pins
- Connecting Rods
- Drive Shafts
- Valve Seats
- Sleeve Bearings
- Piston Heads

Equivalent Specifications

SPECIFICATIONS	DESIGNATION
ISO	C67300
European	C67400

Chemical Composition:

	Cu	Al	Fe	Pb	Mn	Ni	Si	Sn	Zn
Min/Max	60.0-63.0	.25	.35	.50	2.0-3.5	.25	.50-1.5	.30	Rem.
Nominals	61.5	-	-	-	2.7	-	1.0	-	-

Sizes Available

HOLLOW RODS	Min Bore Size 20 mm and Max OD 100 mm
ROUND RODS	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 200mm
INGOTS	AS per Specification

Regd. Office & Plant

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