



Adinath

Create, Enhance & Sustain

C-67500:MANGANESE BRONZE/HIGH TENSILE BRASS

Specification Sheet

DESCRIPTION

C67500 is a wrought Manganese Bronze alloy with certain additions of Iron, Manganese and Tin which provides strength and can withstand corrosion resistance. It has good tensional properties and excellent hot working characteristics. The addition of Tin helps corrosion resistance in mild acidic waters.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Mn	Zn	Pb	Sn
Min (%)	57.00	-	0.80	0.05	Balance	-	0.50
Max (%)	60.00	0.25	2.00	0.50		0.20	1.50

Note: Ni includes Co; Cu+ named elements >= 99.5%; Unless otherwise noted, single values represent maximums.

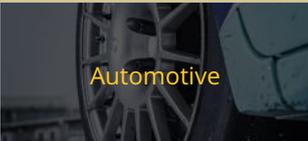
COMPARATIVE SPECIFICATIONS

CDA: C67500	BS : Cz114	CEN : CW721R
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FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Excellent	30

TYPICAL USES

Product Category	Product	Reason
 <p>Automotive</p>	Clutch Disks, Pump Rods, Shafting.	Corrosion Resistance, Wear Resistance, Fatigue Strength, Moderate Strength.

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Product Category	Product	Reason
 <p>Fasteners</p>	Bolts.	Corrosion Resistance, Moderate Strength.
 <p>Industrial</p>	Aircraft Parts, Balls, Bushings, Valve Bodies, Valve Stems.	Corrosion Resistance, Wear Resistance, Fatigue Strength, Moderate Strength.
 <p>Marine</p>	Hardware.	Corrosion Resistance, Corrosion Resistance to Fresh Water, Corrosion Resistance to Salt Water, Wear Resistance, Moderate Strength.

PACKING

 **ADINATH** manufactures wide range of copper Alloys in the form of **Certified Ingots** weighing from 8-10 kgs each.

 Standard Packaging of **1 Metric Ton** in Wooden Pallet.



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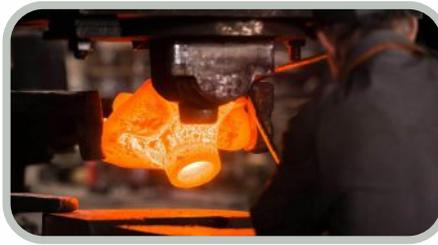
VALUE ADDED SERVICES

Casting Range



 25 Grams to 10 Kgs

Forging Sizes



 50 Grams to 6 Kgs

Machining Sizes



 1 mm to 200 mm

CONNECT WITH US Adinath Extrusion Pvt. Ltd.

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