



Adinath

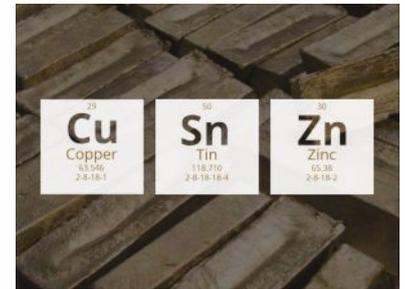
Create, Enhance & Sustain

C-91700 : TIN BRONZE

Specification Sheet

DESCRIPTION

C91700 comes with an added amount of Nickel for which it is known as Nickel Tin Bronze or Nickel Gear Bronze. The addition of Nickel to the standard 12% Tin bronze gives additional wear resistance and improved corrosion resistance in brackish water systems.



CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Ni	Zn	Pb	Sn	Si	S	Sb	P
Min (%)	84.00	-	-	1.20	-	-	11.30	-	-	-	-
Max (%)	87.00	0.005	0.20	2.00	0.25	0.25	12.50	0.005	0.05	0.20	0.30

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

COMPARATIVE SPECIFICATIONS

CDA: C91700	ASTM: B427	OTHER : NICKEL GEAR BRONZE
-------------	------------	----------------------------

FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Good	20

TYPICAL USES

Product Category	Product	Reason
 <p>Industrial</p>	Gears, Heavy Load, Relatively Low Speed Bearings, Worm Gears, Worm Wheels.	Corrosion Resistance to Numerous Environments, Wear Resistance, Moderate Strength.

C-91700 : TIN BRONZE

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.



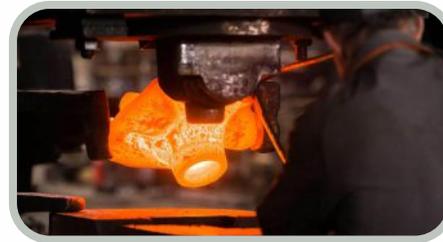
VALUE ADDED SERVICES

Casting Range



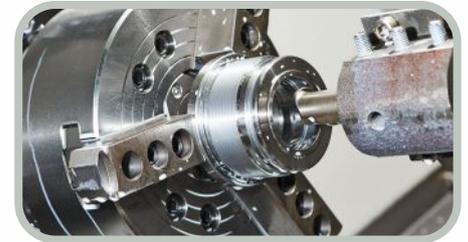
25 Grams to 10 Kgs

Forging Sizes



50 Grams to 6 Kgs

Machining Sizes



1 mm to 200 mm

CONNECT WITH US Adinath Extrusion Pvt. Ltd.

Plot No. 4051-4055,
Bhagwan Mahavir Swami Marg,
G.I.D.C., Phase-III, Dared,
Jamnagar - 361004, Gujarat, India.

+91 7600 55 9243 +91 288 2730868
sales@adinathextrusion.com,
marketing@adinathextrusion.com
www.adinathextrusion.com

