



Proven Integrity. Delivering Value.

C96900HT Copper-Nickel Bronze Provides Corrosion, Wear, and Impact Resistance as Well as High-Strength Characteristics

At Concast Metal Products Co., our unparalleled experience, service, and quality are at the foundation of our success in meeting the demand for spinodal hardened C96900HT utilized in oil and gas, aircraft and aerospace, and heavy equipment-related applications.

C96900HT Alloy



C96900HT Typical Uses

CATEGORY	PRODUCT
Oil and Gas	bushings, components for oil refineries, fittings
Aircraft and Aerospace	landing gear bushings and bearings
Heavy Equipment	bushings, bearings, fittings

- Size range: 1.50" x 2.00" to 13.00" x 14.00"
- Shape: tubes
- Lengths: 24"
- Consult mill for additional size requirements

Contact us today to find out how we can improve the reliability and profitability of your C96900HT alloy supply chain.



800.626.7071



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Concast Metal Products Co. is a manufacturer of specialty continuous-cast copper alloys. Concast has achieved a strong and stable market position through a sharp focus on evolving technologies, quality control, and a high level of customer service. Our inventory of over 1,100 standard sizes is the largest inventory of standard-stocked, continuous-cast alloys in North America.

Concast is ISO 9001 and AS9100 QMS certified.

C96900HT Overview

Chemical Composition

Cu%	Pb%	Sn%	Zn%	Ni% ¹	Mg%	Mn%	Si%	Nb%
Rem.	0.02	7.50-8.50	0.50	14.50-15.50	0.15	0.05-0.30	0.30	0.10

¹Ni value includes Co. Note: Single values represent maximums.

Mechanical Properties

Tensile Strength, min		Yield Strength, at 0.2% Offset, min		Elongation, in 4D or 2 in. or 50 mm, min	Remarks
ksi	MPa	ksi	MPa	%	
110	758	105	724	4	Rockwell C32

Shapes/Sizes

Shape	Outside Diameter, in.	Wall Thickness, in., min
Tubes	2 to 6	1/2
	Over 6 to 10	3/4
	Over 10 to 14	1
Solids	Consult Mill	



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