

# CONCAST

METAL PRODUCTS CO.

*Proven Integrity. Delivering Value.*



## C96900HT and Concast

*The **HEAVY EQUIPMENT INDUSTRY** requires an alloy such as C96900HT to provide 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 heavy equipment-related applications.*

14315 State Route 113  
Wakeman, OH 44889  
**800.626.7071** phone  
sales@concast.com

[www.concast.com](http://www.concast.com)

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 1,000 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% <sup>1</sup>	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

<sup>1</sup>Ni 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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