



Proven Integrity. Delivering Value.

C673 Manganese Bronze Offers Exceptional Strength, Wear, and Corrosion Resistance

Concast today means value for the future. By selecting Concast Metal Products Co. as your supplier of **C67300 Manganese Bronze**, you are creating immediate value for your business—value that you can pass on to your customers.

Concast will provide you the **C67300** quality, service, and value you need to make your business a success.

C67300 Alloy
✓ **Standard-Stocked Product**



C67300 Typical Uses

CATEGORY	PRODUCT
Fasteners	fasteners, lead screw nuts
Industrial	bearings, bushings, drive shafts, gears/cams, idler pins, piston heads, propeller shafts, pump parts, seal rings, shaft bushings, sleeve bearings, spindles, thrust bearings, wear plates, clutch bearings
Marine	hardware, valve seats
Other	connecting rods

- **Concast provides C673 alloy as a standard-stocked product.**
- Concast works to continually improve consistency, increase yields, and extend tool life.

Reach out to us today to find out how we can improve the reliability and profitability of your extruded or cast and drawn 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 1,000 standard sizes is the largest inventory of standard-stocked, continuous-cast alloys in North America.

■ Concast Metal Products Co. is certified to ISO 9001 and AS9100

C67300 Overview

Chemical Composition

Cu%	Pb%	Sn%	Zn%	Fe%	Ni% ¹	Al%	Mn%	Si%
58.00-63.00	0.40-3.00	0.30	Rem.	0.50	0.25	0.25	2.00-3.50	0.50-1.50

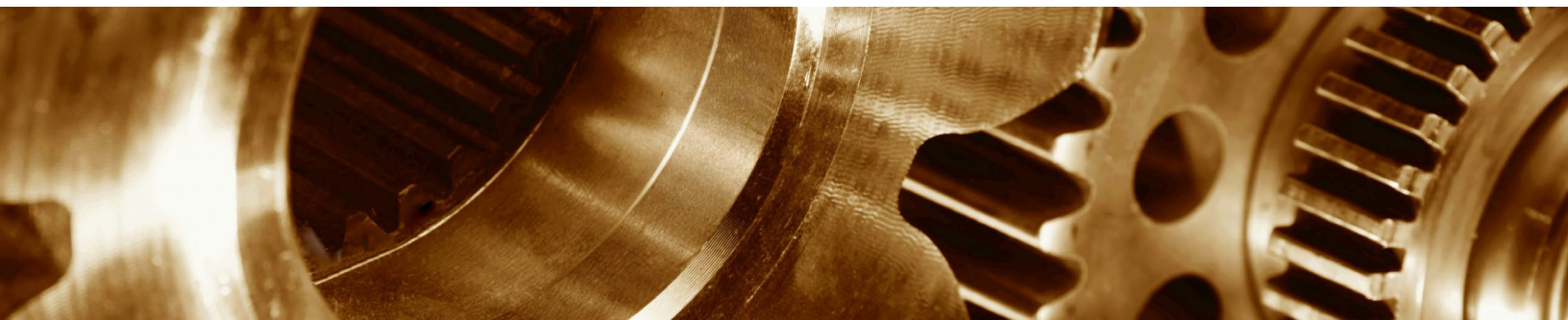
¹Ni value includes Co. Note: Single values represent maximums.

Mechanical Properties

Tensile Strength, min		Yield Strength, at 0.5% Extension Under Load, min		Elongation, in 4x Diameter or Thickness of Specimen, min	Rockwell "B" Hardness
ksi	MPa	ksi	MPa	%	min HRB
SIZE RANGE: UP TO 1" INCLUSIVE					
65	450	40	275	12	70
SIZE RANGE: OVER 1" TO 3" INCLUSIVE					
58	400	35	240	15	70
SIZE RANGE: OVER 3"					
52	360	30	205	18	65

Stocked Size Schedule

Size O.D.	Weight Per Inch	Weight Per Foot	Size O.D.	Weight Per Inch	Weight Per Foot	Size O.D.	Weight Per Inch	Weight Per Foot
0.5620	0.073	0.870	1.2500	0.358	4.297	2.0000	0.951	11.409
0.7500	0.134	1.603	1.3750	0.452	5.427	2.1250	1.035	12.421
0.8750	0.175	2.105	1.5000	0.535	6.425	2.2500	1.160	13.925
1.0000	0.237	2.848	1.5625	0.578	6.936	2.5000	1.433	17.192
1.1250	0.301	3.611	1.7500	0.731	8.775	2.7500	1.733	20.801
1.1875	0.334	4.008	1.8750	0.835	10.025	3.0000	2.063	24.755



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Copper Development Association Inc.
Copper Alliance

