



Proven Integrity. Delivering Value.

C69300 Lead-Free Brass
✓ **Standard-Stocked Product**



C69300 has a max lead content of 0.09%

Concast is your right choice for lead-free **C69300**, providing the necessary quality, service, and value.

Having well-balanced strength and machinability characteristics, **C69300** is not only suitable for the typical uses noted below, but is also employed in builders hardware, consumer, and electrical categories.

C69300 Typical Uses	
CATEGORY	PRODUCT
Automotive	fluid connectors, sensor bodies, thermostat parts
Industrial	automatic screw machine parts, bolts, condenser tube plate, nuts, pneumatic fittings, pump parts, screw machine parts, valve bodies for water, valve stems
Marine	marine products, propeller shafts
Plumbing	faucet stems, faucets, plumbing fittings, water meter cases

- **C69300** is an alternative to leaded brass alloys
- **C69300** is compliant with the S.3874 Reduction of Lead in Drinking Water Act

Contact us today to find out how we can improve the reliability and profitability of your lead-free brass supply chain.

☎ 800.626.7071 @ sales@concast.com

14315 State Route 113
Wakeman, OH 44889
800.626.7071 phone
724.538.3956 fax
sales@concast.com

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 Metal Products Co. is certified to ISO 9001 and AS9100

C69300 Overview

Chemical Composition

Cu% ¹	Pb%	Sn%	Zn%	Fe%	P%	Ni%	Mn%	Si%
73.00-77.00	0.02*-0.09	0.20	Rem.	0.10	0.04-0.15	0.10	0.10	2.70-3.40

*Pb content is greater than 0.02%. ¹Cu value includes Ag. 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	%	max HRB approx
SIZE RANGE: UP TO 1/2" INCLUSIVE					
85	585	45	310	5	85
SIZE RANGE: OVER 1/2" TO 1" INCLUSIVE					
75	515	35	240	10	80
SIZE RANGE: OVER 1" TO 3" INCLUSIVE					
70	480	30	205	10	75

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
0.1250	0.0037	0.0442	0.7500	0.1325	1.5896	Hex		
0.1875	0.0082	0.0988	0.8125	0.1553	1.8633	0.3750	0.0366	0.4388
0.3750	0.0331	0.3974	0.8750	0.1803	2.1637	0.5000	0.0650	0.7798
0.5000	0.0589	0.7065	1.0000	0.2355	2.8260	0.5620	0.4927	0.9854
0.5625	0.0744	0.8926	1.5000	0.5299	6.3585	0.6250	0.1016	1.2188
0.6250	0.0920	1.1039	2.5000	1.4719	17.6625	0.7500	0.1463	1.7550
						0.8125	0.1716	2.0597
						0.8750	0.1991	2.3888
						1.0000	0.2600	3.1200



14315 State Route 113 | Wakeman, OH 44889 | 800.626.7071 phone | 724.538.3956 fax | sales@concast.com