

# welcome!

Wieland Chase, LLC would like to thank you for your interest in our brass products.

Wieland Chase traces its origin back to 1837, and in 2019 became a part of the strong global Wieland Group with a continued commitment to safety, quality and customer service. We place specific emphasis on the quality of our product and prompt reliable service to our customers. Our quality systems are registered to the ISO 9001 standard. We offer our C36000 as our signature leaded machinable alloy, and market our lead-free machinable alloy C69300 as ECO BRASS® or C87850 ECO BRONZE®.

Alloy	Application	Cu	Pb	Zn	Si	P	Fe	ASTM
C36000	Free Cutting-Machining	60-63	2.5 - 3.0	Remainder				B16
C37700	Forging-Machining	58 - 61	1.5 - 2.5	Remainder				B124, B981
C43500	Cold Working	62 - 65	1.5 - 2.5	Remainder				B453
C35000	Cold Working	61 - 63	0.8 - 2.0	Remainder				B453
C35300	Cold Working	61 - 63	1.5 - 2.5	Remainder				B453
C37000	Machining-Forging	59 - 62	0.8 - 1.5	Remainder			0.15	B124, B981
C36300	Machining-Forging	61 - 63	0.25 - 0.7	Remainder		0.04 - 0.15	0.15	B981
C27450	Machining-Forging	60 - 65	0.25 max	Remainder		0.04 - 0.10	0.35	B927, B124
C69300	Machining-Forging	73 - 77	0.09 max	Remainder	2.7 - 3.4	0.04 - 0.15		B124, B371
C87850	Cast Alloy	75 - 78	0.09 max	Remainder	2.7 - 3.4	0.05 - 0.20		

We produce our leaded brass rod stock in round, hexagonal, square/rectangle configurations, and special near-net industrial shapes that are subject to review by our engineering group prior to quoting. Our diameter size ranges for all leaded alloys are as follows:

0.250" - 4.500" Round | 0.250" - 2.500" Hexagonal | 0.250" - 2.000" Square

Lead Free C69300 ECO BRASS diameter sizes range from 0.375"-2.500" for rounds, and 0.437"-2.000" for hexes with other configurations and special near net shapes available with engineering approval.

Standard length is 12 foot; however, we can produce lengths from 10-16 feet, packaged in bundles ranging from 1,000 to 4,000 pounds. For larger diameter requirements, cast and turn billets range of 5.00"-10.00" in 80" lengths. Wieland Chase minimum shipment quantity is 10,000 pounds, with items in stock ordered in 1,000-pound minimums. Special alloys and products require a 5,000-pound minimum item quantity for shipment at one time.

**Importing your brass parts?** Please consider starting with a Wieland Chase engineered forged blank made here in the USA. We start it, and you finish machining it. Contact us for a cost analysis.

Thank you again for your interest in our company and products. We welcome your inquiries.

**For further information please contact:**

800-537-4291 | [ecobrass-usa@wieland.com](mailto:ecobrass-usa@wieland.com)

To learn more about these alloys visit

[www.wieland-chase.com](http://www.wieland-chase.com)

