

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

To learn more about these alloys visit

www.wieland-chase.com

