

Low Lead Alloys

wieland
chase

HIGH PERFORMANCE LOW-LEADED BRASS

Good machinability, forgeability and thread rolling capability. Easily recyclable with leaded brass, and available in multiple chemistry options for custom applications.

Advantages:

- Multiple chemistry options for custom applications
- 100% recyclable
- Good thread rolling capability
- Good forgeability



C27450*

APPLICATION:
MACHINING-FORGING
ASTM: B927
LENGTHS: 10 TO 16 FEET
BUNDLE WEIGHTS:
1,000 – 4,000 LBS.

C36300

APPLICATION:
MACHINING-FORGING
ASTM: B981
LENGTHS: 10 TO 16 FEET
BUNDLE WEIGHTS:
1,000 – 4,000 LBS.

C37000

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MACHINING-FORGING
ASTM: B981
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BUNDLE WEIGHTS:
1,000 – 4,000 LBS.

Chemistry Composition

Rod Alloy	CU	Pb	P	Fe	Zn
C27450*	60.0 - 65.0%	0.25% max	0.04 - 0.10%	0.35% max	Remainder
C36300	61.0 - 63.0%	0.25 - 0.7%	0.04 - 0.15%	0.15% max	Remainder
C37000	59.0 - 62.0%	0.8 - 1.5%	—	0.15% max	Remainder

* Check with the Mill for product availability

C36300 Sizes/shapes



C36300 Diameter/tolerances +/-

Diameter	Round	Hexagonal, Octagonal
>0.250" - 0.500"	0.002"	0.004"
>0.500" - 1.000"	0.003"	0.005"
>1.000" - 2.000"	0.004"	0.006"
>2.000"	0.20%	0.40%

C36300 Minimum Mechanical Properties

Diameter (inch)	Tensile (ksi)	Yield (ksi)	Elongation (%)
>0.250" - 0.500"	63	28	10
>0.500" - 1.000"	55	26	12
>1.000" - 2.000"	48	24	20
>2.000"	45	20	25

C37000 Sizes/shapes



C37000 Diameter/tolerances +/-

Diameter	Round	Hexagonal, Octagonal
>0.250" - 0.500"	0.002"	0.004"
>0.500" - 1.000"	0.003"	0.005"
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Diameter (inch)	Tensile (ksi)	Yield (ksi)	Elongation (%)
>0.250" - 0.500"	63	28	10
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Your Leading Source For Brass Solutions

For More Information

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