

Low lead brass rod alloys

C37000 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

Application: machining-forging

ASTM: B981

Lengths: 10 to 16 feet

Bundle weights: 1,000 - 4,000 lbs.

Chemistry composition

Cu	Pb	P	Fe	Zn
59.0-62.0%	0.8-1.5%	-	0.15% max	Remainder

Minimum mechanical properties

Diameter (inch)	Tensile strength (ksi)	Yield strength (ksi)	Elong. %
>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

Diameter tolerances +/-

Diameter (inch)	Round	Hexagonal, Octagonal
>0.250"-0.500"	63	28
>0.500"-1.000"	55	26
>1.000"-2.000"	48	24
>2.000"	45	20

