

Low lead brass rod alloys

C27450 Brass

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

Advantages

- Compliant with both S3874 and AB1953
- 100% recyclable
- Good thread rolling capability
- Good Mechanibility

Application: machining-forging

ASTM: B927

Lengths: 10 to 16 feet

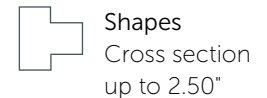
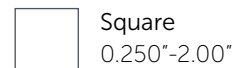
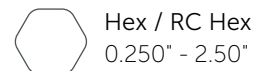
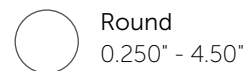
Bundle weights: 1,000 - 4,000 lbs.

Chemistry composition

Cu	Pb	P	Fe	Zn
60.0-65.0%	0.25% max	0.04-0.10%	0.35%	Remainder

Minimum mechanical properties

Diameter (inch)	Tensile strength (ksi)	Yield strength (ksi)	Elongation %
>0.250"-0.500"	53	33	10
>0.500"-1.000"	48	30	13
>1.000"-2.000"	43	28	15



Diameter tolerances +/-

Diameter (inch)	Round	Hexagonal, Octagonal
>0.250"-0.500"	0.0015"	0.0030"
>0.500"-1.000"	0.0020"	0.0040"
>1.000"-2.000"	0.0025"	0.0050"
>2.000"	0.15%	0.30%