

Standard alloys

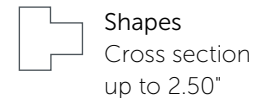
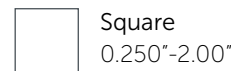
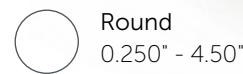
C36000 Brass

Quality and consistency allows customers to produce more components per hour, maintain tighter tolerances, and reduce costs through longer tool life.



Advantages

- Excellent machinability
- 100% recyclable
- Good corrosion resistance
- High productivity alloy
- Longer tool life



Application: machining
ASTM: B16
Lengths: 10 to 16 feet
Bundle weights: 1,000 - 4,000 lbs.

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%

Chemistry composition			
Cu	Pb	Fe	Zn
60.0-63.0%	2.5-3.0% max	0.35% max	Remainder

Minimum mechanical properties					
Diameter	Tensile (ksi)	Yield (ksi)	Elongation (%)	Hardness (RD) (Rb)	Hardness (HX/OCT) (Rb)
<0.500"	57	25	7	-	-
0.500-1.000"	55	25	10	60-80	55-80
>1.000"-2.000"	50	20	15	55-75	45-80
>2000'-3000"	45	15	20	45-70	40-65
>3000"-4000"	45	15	20	40-65	35-60
>4000"	40	15	20	25 min	25 min