

Standard alloys

# C34500 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 and cold forming

ASTM: B453

Lengths: 10 to 16 feet

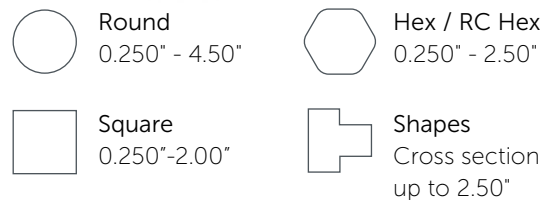
Bundle weights: 1,000 - 4,000 lbs.

### Chemistry composition

Cu	Pb	Fe	Zn
62.0-65.0%	1.5-2.5%	0.15% max	Remainder

### Minimum mechanical properties

Diameter (inch)	Tensile strength (ksi)	Yield strength (ksi)	Elongation %	Hardness (Rb) (mid-radius)
>0.250"	57	25	7	-
>0.500"-1.000"	55	25	10	60-80
>1.000"-2.000"	50	20	15	50-75
>2.000"	50	20	15	40-70



### 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"
Over -2.000"	0.15%	0.0030%