

Standard alloys

# C37700 Brass

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

## Advantages

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

Application: forging-machining brass

ASTM: B124, B981

Lengths: 10 to 16 feet

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

## Chemistry composition

Cu	Pb	Fe	Zn
58.0-61.0%	1.5-2.5%	0.30% max	Remainder

## Minimum mechanical properties

Diameter (inch)	Tensile strength (ksi)	Yield strength (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



Round  
0.250" - 4.50"



Hex / RC Hex  
0.250" - 2.50"



Square  
0.250"-2.00"



Shapes  
Cross section  
up to 2.50"

## Diameter tolerances +/-

Diameter (inch)	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%