



Free-Cutting Brass






C36000

Chemistry composition

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

ASTM B16 / AMS 4610

Shapes & sizes

 Round 7/32"-7 1/2"	 Hex/Oct. 1/4"-3"	 Square 1/4"-2"	 Flat Consult Mill	 Profile /Shape Consult Mill
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Standard Length 10-14 Ft. — *Cast & Turned 8 Ft.

Mechanical properties

Diameter	Tensile min (KSI)	Yield min (KSI)	Elongation min (%)	Hardness Rockwell B (Round)	Hardness Rockwell B (Hex)
under 0.5"	57	25	7	-	-
From 0.5" to 1"	55	25	10	60-80	55-80
over 1" to 2"	50	20	15	55-75	45-80
over 2" to 3"	45	15	20	45-70	40-65
over 3" to 4"	45	15	20	40-65	35-60
over 4"	40	15	20	25 min	25 min

* If product is specified for thread rolling applications, the minimum tensile strength shall be 52 ksi and the Rockwell B hardness shall be 55 to 75.

Diameter tolerances (+/-)

Nominal Size	Round	Hex./Oct.
Over 0.15" to 0.50"	0.0015"	0.003"
Over 0.50" to 1.00"	0.002"	0.004"
Over 1.00" to 2.00"	0.0025"	0.005"
Over 2.00" to 3.00"	0.15%	0.30%
Over 3.00"	+ 0.080"	+ 0.080"

Bar Ends

Shape	Sizes (mm)	Bar/Rod Chamfering Ends
Round	Up to & including 2.25"	one side pointed other chamfered * Above these sizes - Saw Cut
HEX	Up to & including 2"	
SQUARE	Up to & including 1.5"	

Packaging: 1000 Lbs.

*all size range of 7/16" and below (all shapes) will be packed in fumigated wooden boxes.

Traceability: Barcoded labels on strap