








## Chemistry composition

**ASTM B124**

Cu	Pb	Arsenic	Zn
59.5-64.0%	1.5-3.5%	0.02-0.25% max	Remainder

## Shapes & sizes

 Round 7/32" - 4"	 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.

## Mechanical properties

Diameter	Tensile min (KSI)	Yield min (KSI)	Elongation min (%)	Hardness Rockwell B
under 0.5"	57-80	25	7	60-80
From 0.5" to 1"	55-70	25	10	50-75
over 1"	50-62	20	15	40-70

\* 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 0.150" to 0.500"	0.0015"	0.003"
Over 0.500" 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