

✈ Aluminum Nickel Bronze

# C63000








### Chemistry composition

Al	Cu+Ag	Fe	Ni	Mn	Si	Tin	Zn
9.0-11.0%	Remainder	2.0-4.0%	4.0-5.5%	1.5% max	0.25% max	0.20% max	0.30% max

**ASTM B150 / AMS 4640**

**AS9100D Certified**

### Shapes & sizes

 Round 3/4" - 4"     
  Hex/Oct. 3/4" - 2"     
  Square 3/4" - 2"     
  Flat Consult Mill     
  Profile /Shape Consult Mill

Standard Length 10-14 Ft.

### Mechanical properties

Diameter	Tensile min (KSI)	Yield min (KSI)	Elongation min (%)	Hardness HB
under 1"	110	68	10	201-248
Over 1" to 2"	110	60	10	201-248
Over 2" to 3"	105	55	10	187-241
Over 3" to 5"	100	50	10	187-241

\* Hot rolled or extruded, drawn or otherwise cold finished if necessary, and annealed by heating within the range 1100 to 1300 °F (593 to 704 °C) and cooling in air (HR50 temper - see 2.3.1).

### Diameter tolerances (+/-)

Nominal Size	Round	Hex./Oct.
Over 0.150" to 0.500"	0.002"	0.004"
Over 0.500" to 1.00"	0.003"	0.005"
Over 1.00" to 2.00"	0.004"	0.006"
Over 2.00" to 3.00"	0.20%	0.40%
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 + Mill Stamp Lot Number