
Naval Brass

C46400








Chemistry composition

Cu	Pb	Fe	Tin	Zn
59.0-62.0%	0.2% max	0.1% max	0.5-1%	Remainder

ASTM B21 / AMS B4611

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
Up to 0.5"	60	27	22	-
over 0.5" to 1"	60	27	25	60-80
over 1" to 2.5"	58	26	25	55-80
over 2.5" to 3.5"	54	25	27	55-80
over 3.5"	54	22	30	55-80

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