
Lead-free Brass

C69300








Chemistry composition

Cu	Pb	Si	Fe	Tin	Ni	Mn	P	Zn
73.0-77.0%	0.09% max	2.7-3.4%	0.1% max	0.2% max	0.1% max	0.1% max	0.04-0.15%	Remainder

ASTM B371 / ASTM B124

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 (%)
under 0.5"	85	45	5
From 0.5" to 1"	75	35	10
over 1" to 2"	70	30	10

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 <small>* Above these sizes - Saw Cut</small>
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