



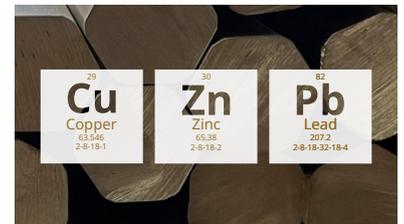
Adinath

Create, Enhance & Sustain

C36500:LEADED BRASS Specification Sheet

DESCRIPTION

C36500 is also known as Leaded Muntz Metal because of the presence of minor particles of Tin.



CHEMICAL COMPOSITION

Element	Cu	Fe	Zn	Pb	Sn	Oi
Min (%)	58.00	-	Balance	0.25	-	-
Max (%)	61.00	0.15		0.70	0.25	0.40

Note: Ni includes Co; Cu+ named elements >= 99.5%; Unless otherwise noted, single values represent maximums.

SHAPE



SOLID ROUND BARS

Size Range :
Dia 8 mm up to 120 mm



SOLID HEX BARS

Size Range :
A/F 10 mm up to 100 mm



SOLID SQUARE BARS

Size Range :
A/F 10 mm up to 90 mm



SOLID RECTANGLE BARS

Size Range :
A/F 10 x 12 mm up to 100 x 50 mm



HOLLOW BARS

Outer Diameter : In Round, Hex & Square.

Size Range : 30 mm up to 120 mm

Inner Diameter : Round

Size Range : 20 mm up to 80 mm



PROFILES & SECTIONS

As per Customers' Drawing



BAR LENGTH

Length : Up to 4 Meters

Delivery Condition : As Extruded or Cold Drawn.

STRAIGHT KNURLING



CROSS KNURLING



Straight Knurling & Cross Knurling will be available upon shape & size Feasibility of Brass Rod

C36500:LEADED BRASS



MECHANICAL PROPERTIES

Round (Dia)				
Range (mm)	UTS Min (MPA)	PS Min (MPA)	Elongation Min (%)	Hardness (HRB)
Over 2 to 12 Inclusive	430	190	10	-
Over 12 to 25 Inclusive	380	180	12	-
Over 25 to 50 Inclusive	330	165	20	-
Over 50 to 75 Inclusive	310	135	25	-
Hex (A/F)				
Range (mm)	UTS Min (MPA)	PS Min (MPA)	Elongation Min (%)	Hardness (HRB)
Over 3 to 12 Inclusive	430	190	10	-
Over 12 to 25 Inclusive	380	180	12	-
Over 25 to 50 Inclusive	330	165	20	-
Over 50 to 70 Inclusive	310	135	25	-
Square (A/F)				
Range (mm)	UTS Min (MPA)	PS Min (MPA)	Elongation Min (%)	Hardness (HRB)
Over 3 to 12 Inclusive	430	190	10	-
Over 12 to 25 Inclusive	380	180	12	-
Over 25 to 50 Inclusive	330	165	20	-
Over 50 to 60 Inclusive	310	135	25	-

PACKING



-  PVC Pipe Packing for Small Diameter Rods.
-  Hessian Cloth Packing.
-  Wooden Box Packing as per Customer requirements.

FABRICATION PROPERTIES

Soldering	Brazing	Machinability Rating
Excellent	Good	60

C36500:LEADED BRASS



TYPICAL USES

Product Category	Product
Consumer	Key Blanks.
Industrial	Condenser Tube, Condenser Tube Plates, Engraving Plates, Heat Exchanger Baffles, Heat Exchanger Plates, Support Sheets.
Others	Main Tube Sheets for Condensers and Heat Exchangers.

VALUE ADDED SERVICES

AEPL manufactures and supplies Copper Alloys Extruded Bars to Domestic as well as International Markets. Our customer base has a key advantage since our Foundries, Laboratories, Extrusion Mill, Shell Mouldings and CNC Machine shop are all located on a single site, which eliminates waste and allows excellent quality control at each stage. Our ability to reclaim swarf and machined chips allows us to offer competitive pricing for the parts that we either extrude or cast.

Casting Range



25 Grams to 10 Kgs

Forging Sizes



50 Grams to 6 Kgs

Machining Sizes



1 mm to 200 mm

CONNECT WITH US Adinath Extrusion Pvt. Ltd.

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