



# Adinath

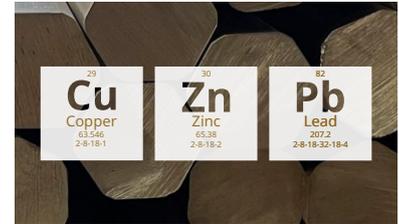
Create, Enhance & Sustain

## C-38000:FORGING BRASS

### Specification Sheet

#### DESCRIPTION

C38000 Forging brass contains minor additions of aluminium which gives a bright yellow color. It is also referred as Architectural Bronze or Low Leaded Brass. Components made from C38000 Forging grade are primarily used in Builders hardware industry because of its bright appearance.



#### CHEMICAL COMPOSITION

Element	Cu	Al	Fe	Zn	Pb	Sn	Oi
Min (%)	55.00	-	-	Balance	1.50	-	-
Max (%)	60.00	0.50	0.35		2.50	0.30	0.50

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

#### SHAPE



**SOLID ROUND BARS**  
**Size Range :**  
 Dia 5 mm up to 120 mm.



**SOLID HEX BARS**  
**Size Range :**  
 A/F 5 mm up to 100 mm.



**SOLID SQUARE BARS**  
**Size Range :**  
 A/F 5 mm up to 90 mm.



**SOLID RECTANGLE BARS**  
**Size Range :**  
 A/F 6 x 8 mm up to 100 x 50 mm.



**HOLLOW BARS**  
**Outer Diameter :** In Round, Hex & Square.  
**Size Range :** 24 mm up to 120 mm.  
**Inner Diameter :** Round  
**Size Range :** 12 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 will be available upon shape & size Feasibility of Brass Rod

# C-38000:FORGING BRASS



## MECHANICAL PROPERTIES

Round (Dia)				
Range (mm)	UTS Min (MPA)	PS Min (MPA)	Elongation Min (%)	Hardness (HRB)
Over 4 to 75 Inclusive	330	110	15	-
Hex (A/F)				
Range (mm)	UTS Min (MPA)	PS Min	Elongation Min (%)	Hardness (HRB)
Over 3 to 70 Inclusive	330	110	15	-

## PACKING



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

## TYPICAL USES

Product Category	Product
Builders Hardware	Builders Hardware, Butts, Hinges.
Architecture	Architectural Sections, Door Frames, Thresholds, Window Frames.
Others	Extruded Shapes.

## 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.

# C-38000:FORGING BRASS



## 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.

📍 Plot No. 4051-4055,  
Bhagwan Mahavir Swami Marg,  
G.I.D.C., Phase-III, Dared,  
Jamnagar - 361004, Gujarat, India.

☎ +91 7600 55 9243 📞 +91 288 2730868  
✉ sales@adinathextrusion.com,  
marketing@adinathextrusion.com  
🌐 www.adinathextrusion.com

