



GOVIND METAL CO.

SPECIALIST : COPPER ALLOYS



GOVIND METAL CO.

COPPER ALLOYS FOR
AEROSPACE

MARINE / NAVY / SHIPBUILDING

OIL & GAS

POWER / ELECTRICAL

AUTOMOTIVE

ENGINEERING / EARTHMOVING

We Govind Metal CO are leading manufacturer & exporter of copper alloys for 40 + year
In all international standards & specifications IS, JIS , ASTM , BS ,
Defence standard , DIN , Mil , GAM , UNI and
customer specific requirements.



AEROSPACE

COPPER ALLOYS FOR AEROSPACE VERTICAL

Major compositions	Main Standards	Alloy Family
CuAl10Ni5Fe4 C63000 , NC4	ASNA 3315, ASNA 3406 , AMS 4640 , ASTM B150 , NFL 14705	NICKEL ALUMINUM BRONZE
CuAl11Ni5Fe5 , CA104 , NC5	BSB 23 / DTD 197 ,NFL 14706	NICKEL ALUMINUM BRONZE
CuAl11Ni5Fe5 , C63020	AMS 4590	NICKEL ALUMINUM BRONZE





NAVY MARINE SHIPBUILDING

COPPER ALLOYS FOR MARINE /NAVY PROJECTS		
Major compositions	Main Standards	Alloy Family
CuNi10Fe1Mn/NAVINIC 10	ASTM B151 -B171 -B466 BS2874 CN102 NES 779 C70600 C70620 DIN 1755 DIN 17672	NICKEL ALUMINUM BRONZE
CuNi30Mn1Fe/NAVINIC 30	ASTMB 151-171-B466- B467/C71500-C71520MIL T16420 K -MIL C 15726 -J AMS 4590	NICKEL ALUMINUM BRONZE
CuAl11Ni5Fe5, C63020	DEF STANDARD	NICKEL ALUMINUM BRONZE
NES 833 PT2		NICKEL ALUMINUM BRONZE
NES 747 PT2		
CuAl9Ni5Fe4 / NC 2	GAM MM11-GAMM MM13 NFL 14702	
LG4 BS1400	BS1400 , DIN	GUNMETAL
CUSN10		BRONZE
CUSN12NI		BRONZE/PH BRONZE
RG10		GUNMETAL
RG7 , RG5		GUNMETAL





GOVIND METAL CO.

SPECIALIST : COPPER ALLOYS

Aluminium Bronze Round Grades

- CA 104 BS2874
- NES 833 PART 2
(NAVAL ENGINEERING
STANDARDS)
- CuAl10Fe5Ni5
- CuAl10Fe2
- CuAl9
- CuAl10Ni3Fe2
- CuAl11Fe6Ni6
- C63000 ASTM B 150
- AB2 BS1400 / CC 333
G and custom grades
- AMS 4640 , AMS 4590
- GAM & Mil Standard
as per specs and
standards



COPPER ALLOYS INGOTS

- Nickel Aluminium Bronze/ALUMINUM BRONZE
- High Tensile Brass
- Gunmetal Phosphorus Bronze
- Silicon Bronze
- Tin Bronze PB2 , PB1 , CC484 K , RG10
- SPECIAL CUSTOMISED STANDARD FOR DEFENSE/NAVY / MARINE
- NES 747 PT2, LG4 BS1400, RG10
- All std grades and customised specs
- NES 833 PT2
- CA104 BS2874



COPPER-TIN ALLOYS (BRONZE)	COPPER-ALUMINUM ALLOYS (ALUMINUM BRONZE)	COPPER-ZINC ALLOYS (BRASS)
UNI EN 1982 CC491K (CuSn5Zn5Pb5-C)	UNI EN 1982 CC331G CuAl10Fe2-C)	OTS1 UNI 6138 (OTS2 FOR PROPELLERS)
UNI EN 1982 CC480K (CuSn10-C)	UNI EN 1982 CC334G (CuAl11Fe6Ni6-C)	UNI EN 1982 CC763S (CuZn32Al2Mn2Fe1-C)
UNI EN 1982 CC763S (CuZn32Al2Mn2Fe1-C)	ASTM B148 C95800 (CuAl10Fe5Ni5)	UNI EN 1982 CC766S (CuZn37Al1-C)
UNI EN 1982 CC483K (CuSn12-C)	ASTM B148 C95500	
UNI EN 1982 CC766S (CuZn37Al1-C) UNI EN 1982 CC766S (CuZn37Al1-C) UNI EN 1982 CC766S (CuZn37Al1-C) UNI EN 1982 CC493K RG7 (CuSn7Zn4Pb7-C)		
UNI EN 1982 CC498K (CuSn6Zn4Pb2-C)		
UNI EN 1982 CC499K RG5 (CuSn5Zn5Pb2-C)		
ASTM B584 C83600		
ASTM B584 C90500		
ASTM B584 C92200		



NICKEL ALUMINUM BRONZE FASTNERES



- CA104 BS2874
- NES 833 PT2 as per defence standard
- FASTNERES FOR VARIOUS SPECS / SIZES AND QUALITY
- CA104 , NES 833 PT2 , C63000 & AB2
- MAJOR CUSTOMERS IN NAVY /SHIPBUILDING, OIL & GAS –FLUID CONTROL VERTICALS



GOVIND METAL CO.
SPECIALIST : COPPER ALLOYS



QUALITY POLICY

- **OUR CORE VALUES :-**

For over 40 + years of industry experience,
We are committed to deliver customer requirements .

- **EXCELLENCE IN QUALITY**

CERTIFICATION :ISO 9001 :2015

With world class in house testing facility third party testing tie ups NABL Approved LAB across India

- **TRUST IN PARTNERSHIP**

Transparent business model with customer for long lasting business relationship.



GOVIND METAL CO.

SPECIALIST : COPPER ALLOYS



**📍 11, Shivaalik Industrial Park, Inside Zaveri Estate,
Kathwada-Singarwa Road, Ahmedabad - 382430,
Gujarat, India**

📞 Govind Shah+91 96011 09090 | Mahesh Shah+91 99981 11091

🌐 www.govindmetal.com | ✉ govindmetal@yahoo.com