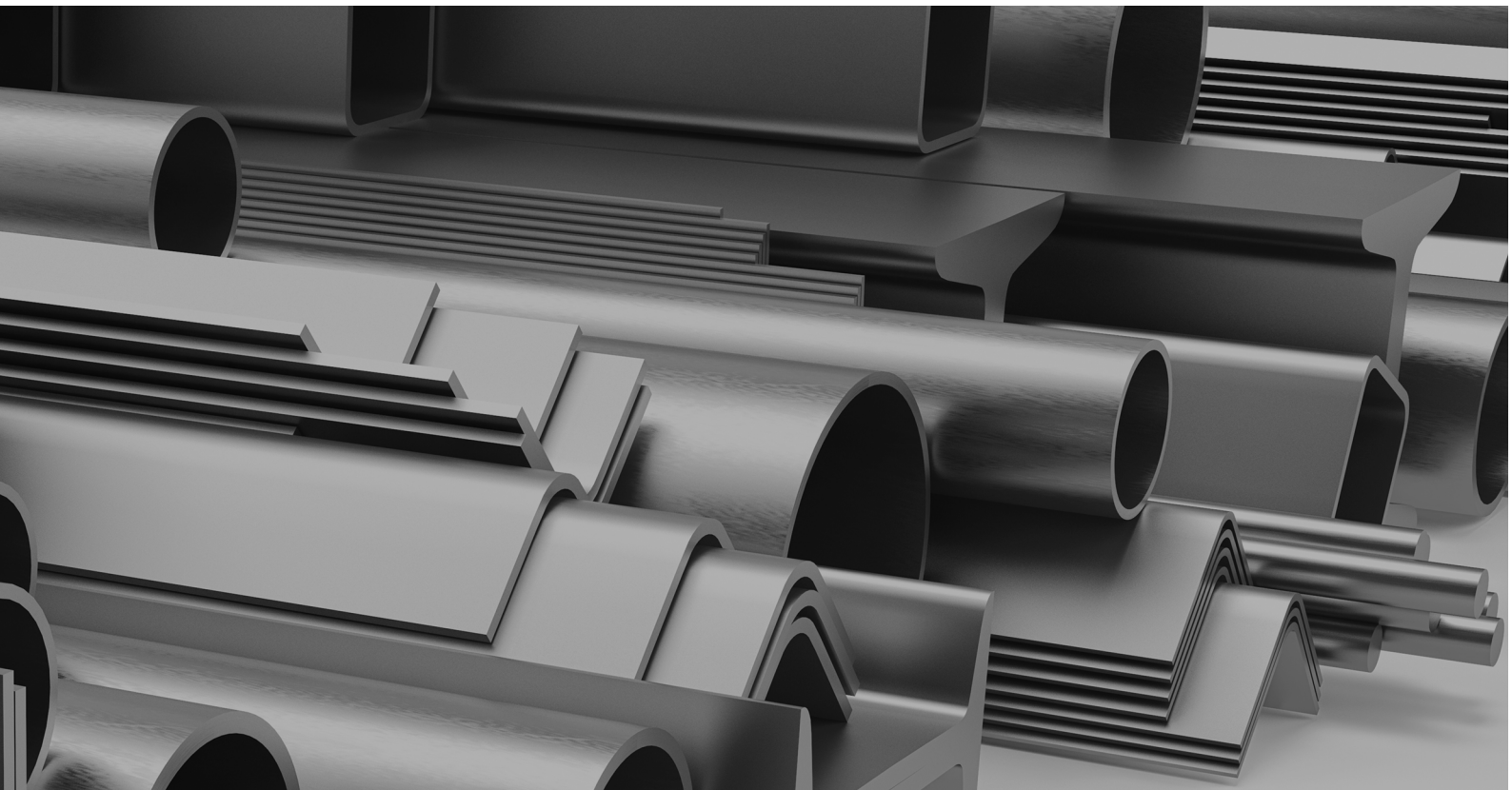




# BELMOUNT

INDUSTRIAL SOLUTIONS

More Than Product, Delivering Excellence



**STOCKIST - EXPORTER - IMPORTER**  
**ALUMINIUM PLATES, SHEETS, ROUND BAR**  
**FLAT BAR, SQUARE BAR, BLOCKS**  
**MANUFACTURER OF FORGED ALUMINIUM BRONZE ROUND BAR,**  
**BLOCKS, HEX & FLAT BAR**

**LEADING** INNOVATION IN  
**ALUMINIUM & ALUMINIUM BRONZE**



[www.aluminiumbronzealloy.com](http://www.aluminiumbronzealloy.com)  
[www.belmountind.com](http://www.belmountind.com)



## CONTENTS

### **DISTRIBUTION :**

Belmount Industrial Solutions is a trusted leader in aluminium distribution, partnering with top Manufacturer, Wholesaler & Importer. This allows us to offer high-quality products at competitive prices, minimizing costs across the value chain.

### **INDENTING & IMPORTS :**

We streamline the sourcing process for clients, providing competitively priced steel products from reputable global manufacturers, all adhering to BIS standards.

### **EXPORTS :**

Belmount industrial solutions is counted as one of the privileged manufacturers, stockist, exporters, and suppliers of an admirable range of different products Sheets, Plates, Coils, Round Bar and more in Stainless Steel, Alloy Steel, and Special Grades.

Since 2008, Belmount has exported to 29 countries.

### **MANUFACTURING :**

Manufacturing of forged round bar, blocks , flat & hex bar in different grades of aluminium bronze, duplex, inconel, monel highest industry standards.

### **VALUES :**

Entrepreneurship: Driving innovation and opportunity.

Flexibility: Adapting to customer needs and new technologies.



# BELMOUNT INDUSTRIAL SOLUTIONS

More Than Product, Delivering Excellence



## ALUMINIUM SHEET - PLATE

**Standard Specification/** GB/T 3880, ASTM B209, EN 485

### Alloy and Temper :

Alloy	Temper
1xxx: 1050, 1050A, 1060, 1100	O, H112, H12, H14, H16, H18, H22, H24, H26
3xxx: 3003, 3004, 3005, 3105	
5xxx: 5005, 5052, 5754, 5083, 5086	O, H111, H112, H22, H24, H26, H28, H32, H34, H36, H38
6xxx: 6061, 6063, 6082	T4, T451, T6, T651
2xxx: 2011, 2014, 2017, 2024	T351, T451, T6, T651
7xxx: 7050, 7075	T6, T651, T6511

\*H116 and H321 for alloy 5083 are provided as per Mill's Standard or by agreement

### > AVAILABLE SIZE RANGE

Dimension	Range
Thickness:	0.5 ~ 6.0mm for sheet, 6 ~ 300mm for plate
Width:	900 ~ 2,200mm
Length:	2,000 ~ 6,000mm



### > STANDARD WIDTH AND LENGTH

1250x2500mm, 1220x2440mm, 1525x3050mm



### > SURFACE FINISH

Mill Finish, unless otherwise specified

### > SURFACE PROTECTION

Paper interleaved, PE/PVC filming (if specified)





# BELMOUNT INDUSTRIAL SOLUTIONS

More Than Product, Delivering Excellence



## SPECIAL PRODUCTS



### ALUMINIUM BRONZE FORGED ROUND BAR

Aluminum bronze forged round bars are durable, corrosion-resistant alloys made from copper and aluminum, commonly available in grades such as Ab1, Ab2, C63000, C63200, C95400, C95500, and C95800. These grades offer excellent wear resistance, high strength, and durability, making them ideal for demanding applications in marine, aerospace, and industrial sectors, particularly where resistance to seawater and harsh chemicals is essential.

### ALUMINIUM BAR - FLAT

**Length :** 100 mm To 3660 mm long, Random, Fix & Cut Length or as per clients' requirement

**Size :** 5 mm - 450 mm

**Diameter :** 3 mm - 350 mm

Block customized as per client requirement



### STAINLESS STEEL ROUND BAR

Austenitic Stainless Steel grades, such as 304, 304L, 316, 316L, 303, 310, 321, and 347, are known for their excellent corrosion resistance and are widely used in chemical processing, food industries, and architectural applications. The Martensitic Stainless Steel grades, including 410, 416, 420, 431, and 440 series, offer higher strength and hardness, making them suitable for cutlery, surgical instruments, and mechanical components.

### BAR - INCONEL - MONEL - HASTELLOY

Inconel, Monel, and Hastelloy are durable alloys known for resisting heat and corrosion. Inconel (nickel-chromium) suits high temperatures, Monel (nickel-copper) excels in marine environments, and Hastelloy (nickel-chromium-molybdenum) withstands harsh chemicals.

**Inconel Round Bar Grades:** 600, 601, 617, 625, 686, 690, 718, X-750, 725, 800, 825, 850

**Monel Round Bar Grades:** 400, K-500,

**Hastelloy Round Bar Grades:** B-2, B-3, C-4, C-22, C-276, C-2000, G-30, G-3, X

FORGING ALSO AVAILABLE





# BELMOUNT INDUSTRIAL SOLUTIONS

More Than Product, Delivering Excellence

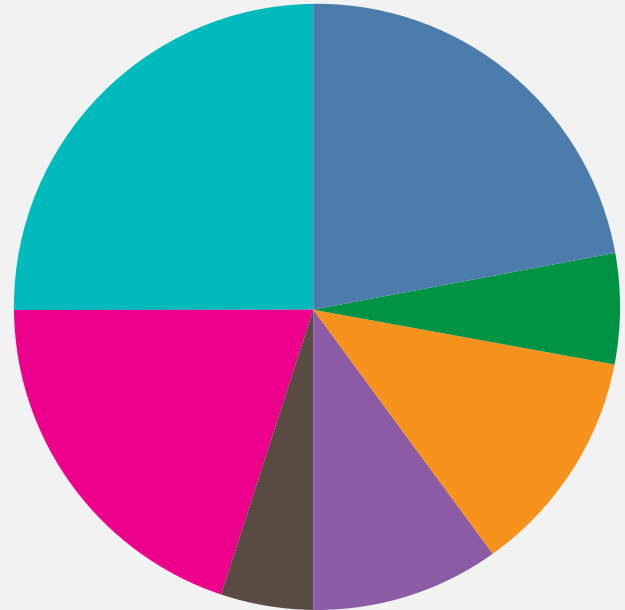


## APPLICATION

Aluminum & its alloy are widely used in more than 90% of the industries in the world, especially in transportation, construction, packaging, appliances and equipment.

### ALUMINUM APPLICATION

- Die & Moulding
- Defence & Marine Equipment
- Others
- Machine & Equipment
- Electronics & Appliances
- Healthcare & Pharma Industries
- Building & Construction



## TRANSPORTATION

Aircraft & Aerospace  
Automobile, Bus, Truck, Tank  
Train, Metro Line  
Ship, Boat, Yacht



## BUILDING & CONSTRUCTION

Curtain Wall, Roofing  
Decoration, Ceiling  
Door, Window, Floor  
Framework, Structure





# BELMOUNT INDUSTRIAL SOLUTIONS

More Than Product, Delivering Excellence



## STANDARD SPECIFICATION

The products from Belmount Industrial Solution will be strictly produced according to national or international standard, or sometimes to mutually agreed standard.

### CHINESE STANDARD

GB/T 3190	Wrought Aluminum and Aluminum Alloy Chemical Composition
GB/T 3880	Wrought Aluminum and Aluminum Alloy Plates, Sheets and Strips for General Engineering
GB/T 3618	Wrought Aluminum and Aluminum Alloys Tread Sheets
GB/T 3198	Aluminum and Aluminum Alloy Foils
YS/T 431	Aluminum and Aluminum Alloys Coil Coated Sheet and Strip

### EUROPEAN STANDARD

EN 573	Aluminum and Aluminum Alloys Chemical Composition and Form of Wrought Products
EN 485	Aluminum and Aluminum Alloys Sheet, Strip and Plate
EN 546	Aluminum and Aluminum Alloys Foil

### AMERICAN STANDARD

ASTM B209	Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
ANSI 35.1	Alloy and Temper Designation Systems for Aluminum
ANSI 35.2	Dimensional Tolerances for Aluminum Mill Products

#### NOTE /

Chinese Standard is able to cover both ASTM and EN standard, unless otherwise specified, Chinese GB Standard will be applied



# BELMOUNT INDUSTRIAL SOLUTIONS

More Than Product, Delivering Excellence



## ALLOY DESIGNATIONS

Comparison of alloy designations for aluminum flat products

Alloy Series	Chinese Standard	American Standard	European Standard
1xxx Series	1050		EN AW-1050A
	1060	1060	
	1100	1100	
	1200		EN AW-1200
2xxx Series	2011		
	2014	2014	EN AW-2014
	2017		
	2024	2024	EN AW-2024
3xxx Series	3105	3105	EN AW-3105
5xxx Series	5005	5005	EN AW-5005
	5052	5052	EN AW-5052
	5754	5754	EN AW-5754
	5083	5083	EN AW-5083
	5086	5086	EN AW-5086
6xxx Series	6061	6061	EN AW-6061
	6063		EN AW-6063
	6082		EN AW-6082
7xxx Series	7075	7075	EN AW-7075
8xxx Series	8011		



# BELMOUNT INDUSTRIAL SOLUTIONS

More Than Product, Delivering Excellence



## TEMPER DESIGNATIONS

Temper	Definition
F	As fabricated (no mechanical property limits specified)
O	Annealed
H12 H14 H16 H18 H19	Stain Hardened, 1/4 Hard Stain Hardened, 1/2 Hard Stain Hardened, 3/4 Hard Stain Hardened, Full Hard Stain Hardened, Extra Hard
H111 H112	Annealed and slightly strain hardened (less than H11) Slightly strain harden from working at an elevated temperature or from limited amount of cold work
H116	Applies to alloys in the 5xxx series with a magnesium content of 3% or more, slightly strain harden at last operation, exfoliation and intergranular corrosion resistance are specified.
H22 H24 H26 H28	Stain Hardened and Partially Annealed, 1/4 Hard Stain Hardened and Partially Annealed, 1/2 Hard Stain Hardened and Partially Annealed, 3/4 Hard Stain Hardened and Partially Annealed, Full Hard
H32 H34 H36 H38	Stain Hardened and stabilized, 1/4 Hard Stain Hardened and stabilized, 1/2 Hard Stain Hardened and stabilized, 3/4 Hard Stain Hardened and stabilized, Full Hard
H321	Applies to alloys in the 5xxx series with a magnesium content of 3% or more, strain hardened and stabilized at last operation, exfoliation and intergranular corrosion resistance are specified.
H42	Stain Hardened and painted or lacquered, 1/4 Hard
H44	Stain Hardened and painted or lacquered, 1/2 Hard
H46	Stain Hardened and painted or lacquered, 3/4 Hard
H48	Stain Hardened and painted or lacquered, Full Hard
T351	Solution heat-treated, cold worked, stress relieved by stretching, and naturally aged
T4 T451	Solution heat-treated and naturally aged Solution heat-treated, stress relieved by stretching, and naturally aged
T6 T651	Solution heat-treated and then artificially aged Solution heat-treated, stress relieved by stretching, and artificially aged





# BELMOUNT INDUSTRIAL SOLUTIONS

More Than Product, Delivering Excellence

## ALUMINIUM BAR

ONE-STOP SERVICE · LET YOU HAVE NO WORRIES

Provide Steel Solutions

**35+**

Flexible cooperation

**N+**

Product Category

**100+**



## CONTACT US

**HEAD OFFICE :**  
47 Navnidhi, 1st Floor,  
Office No 1, 5th Kumbharwada,  
Mumbai 400004.

**CONTACT PERSON**  
Mr. CHIRAG JAIN (Director)  
+919833589090 / +918291921667

**E-Mail:**  
sales@magnumind.com  
sales@aluminiumbronzealloy.com

[www.aluminiumbronzealloy.com](http://www.aluminiumbronzealloy.com) | [www.belmountind.com](http://www.belmountind.com)