

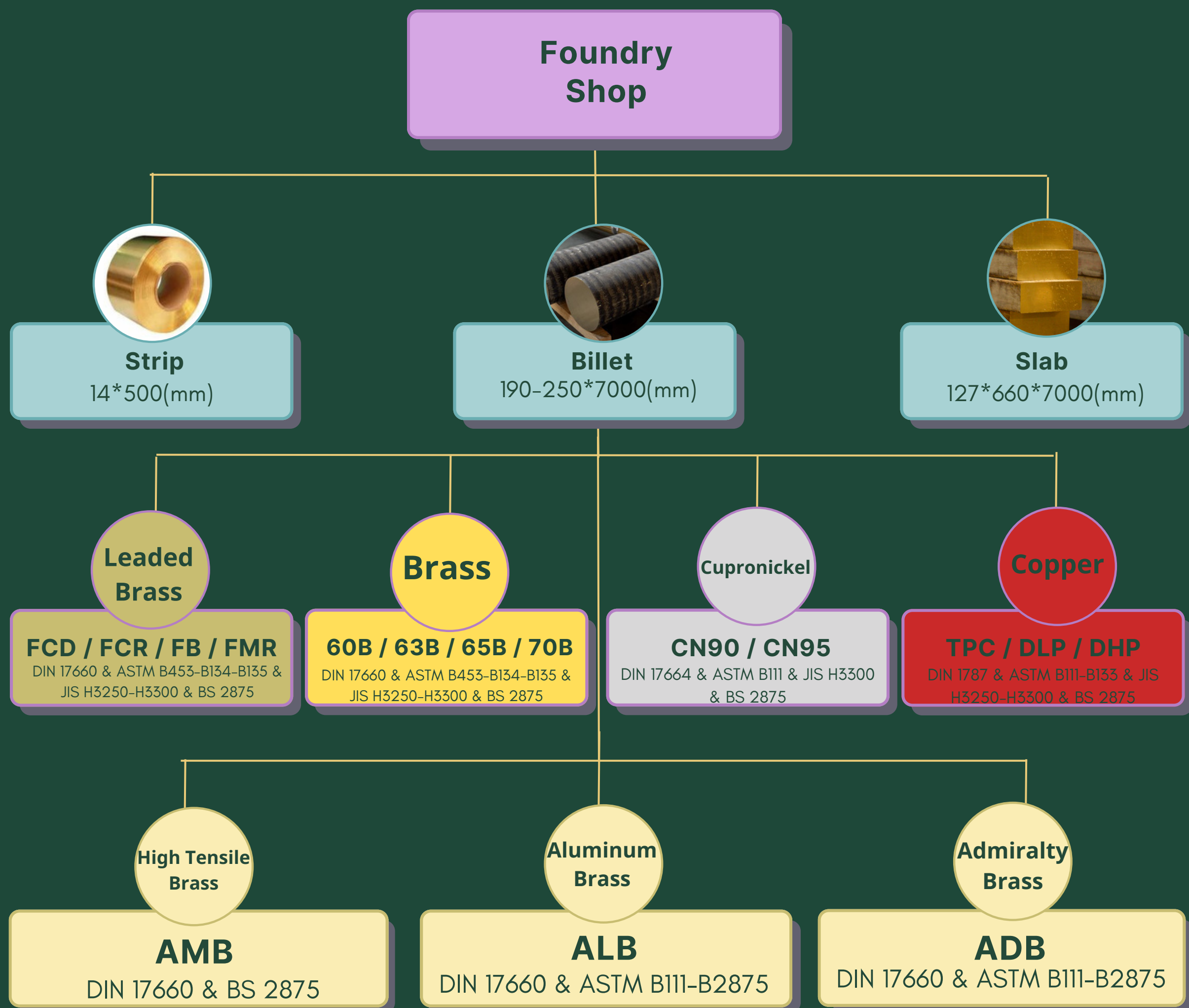


**AMIRI METALS**

**[www.amirimetals.com](http://www.amirimetals.com)**

# AMIRI METALS TRADING

Our products include copper slabs, billets, sheets and belts and copper alloys such as brass, leaded brass, bronze and cupronickel.



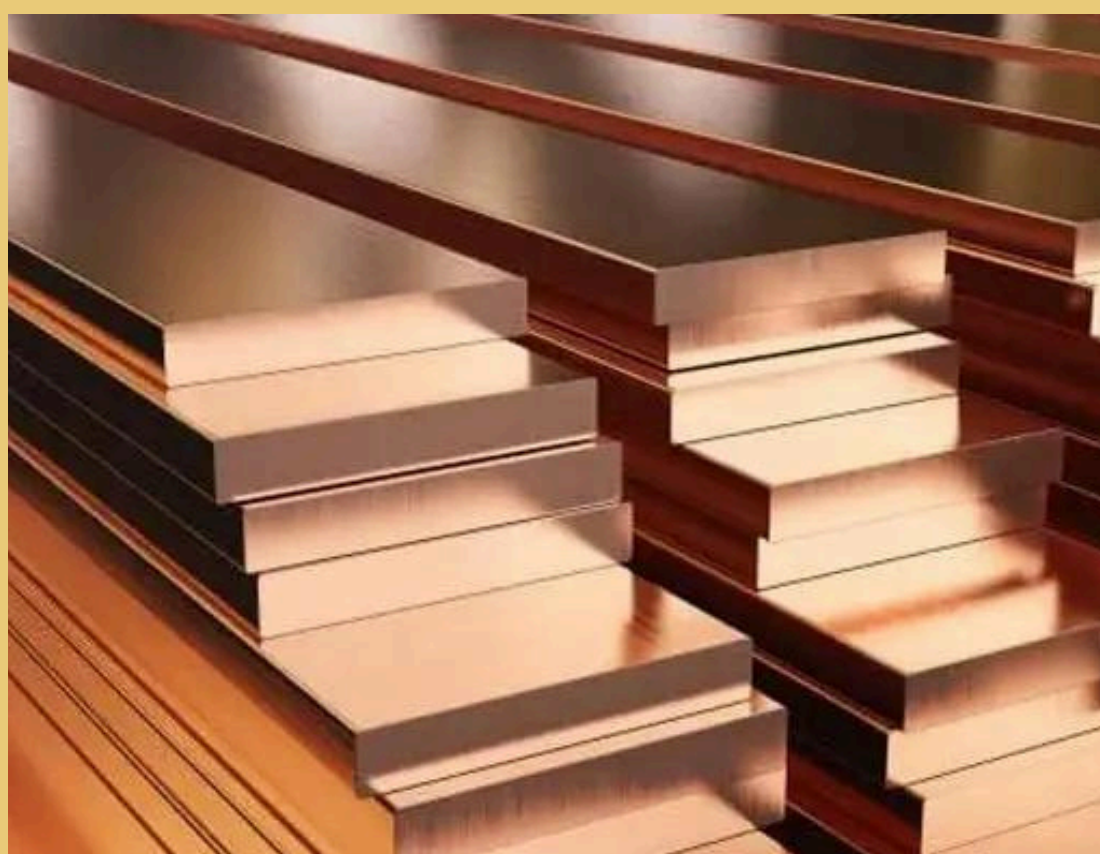
 **+989127580780**

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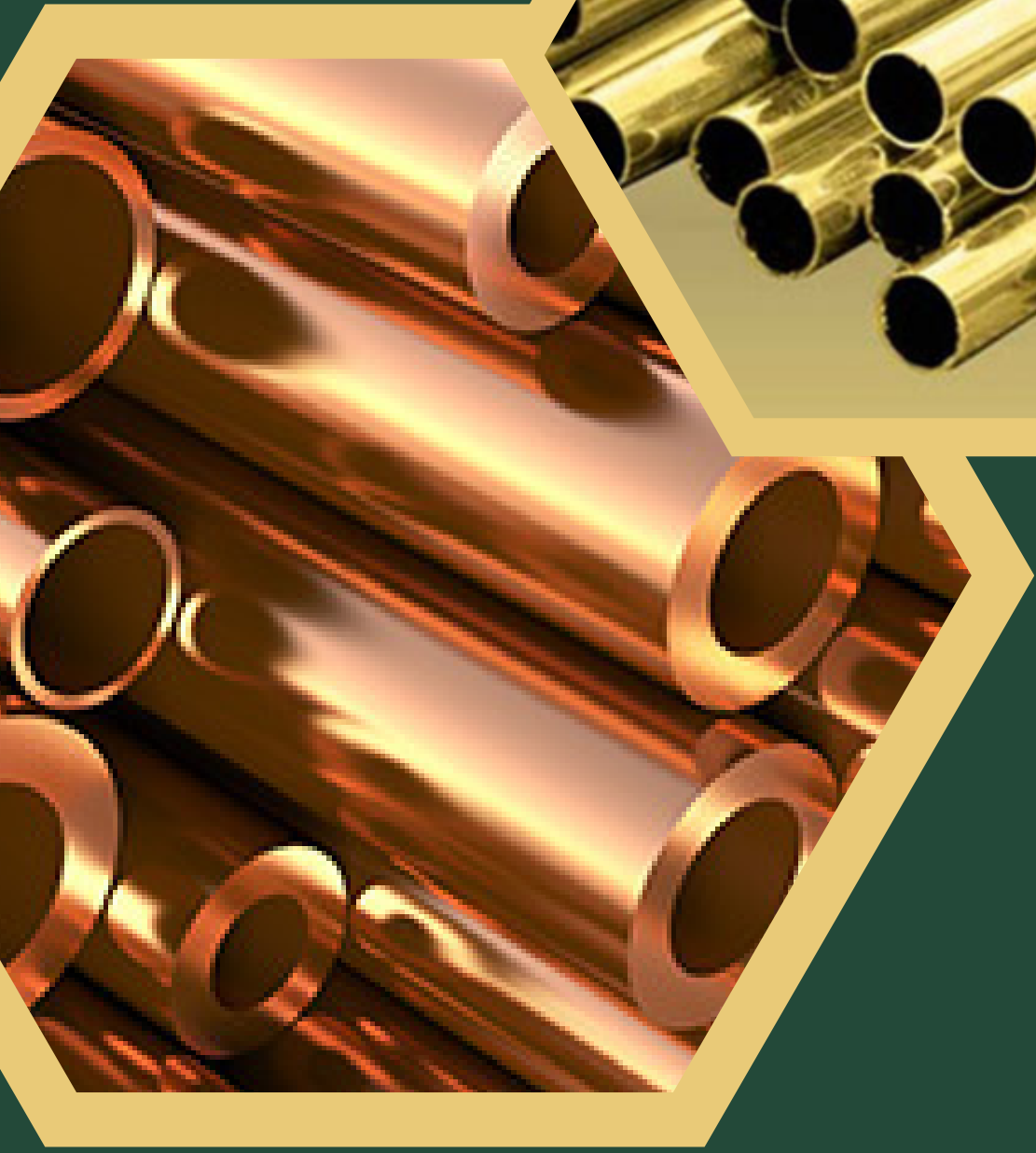
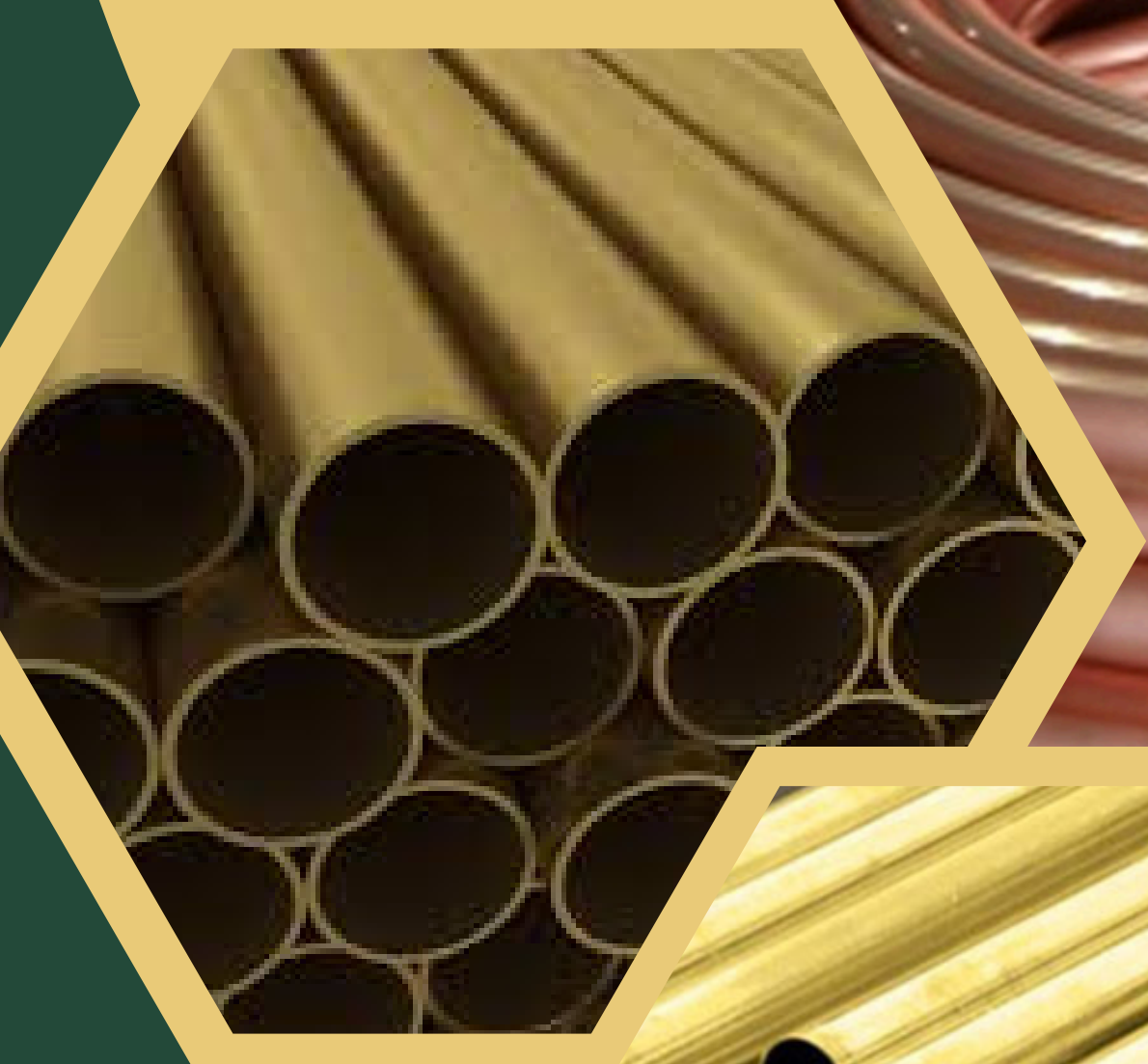
**190 - 250 × 500 - 7000  
(mm)**




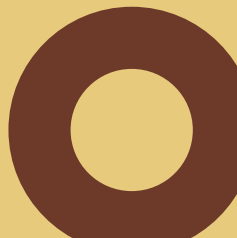
## **BILLET & SLAB**

Billets are used in the production of types of tubes, sections, squares, hexagons and busbars copper and copper-based alloys, which are used in the following industries:

- Oil and gas industries
- Cooling and heating industries
- Electrical industries
- Shipbuilding industries
- Power plant industries
- Construction industries



# TUBES

Shape	Alloy Designation	Dimensions (mm)
	TPC	Straight Length: 2×0.66 to 80×10
	DLP	Level Wound Coil: Up to 19.05×1
	DHP	Pancake Coil: Up to 19.05×0.9
	63B, 65B, ALB, CN90, CN95, ADB	Straight Length: 8×1 to 75×3.75

# TYPES OF TUBES

## TPC

- Excellent electrical and thermal conductivity
- Good workability, drawability and corrosion resistancy
- Applicable to electrical industries specially cable shoe pipes

## DLP-DHP

- Good workability, drawability, weldability, corrosion and weathering resistancy
- Good thermal conductivity
- Applicable to gas and heat exchanger industries

## CN90

- Good corrosion and resistancy specially against sea water
- Applicable to ship industries(heat exchanger tubes)

## 63B-65B-70B

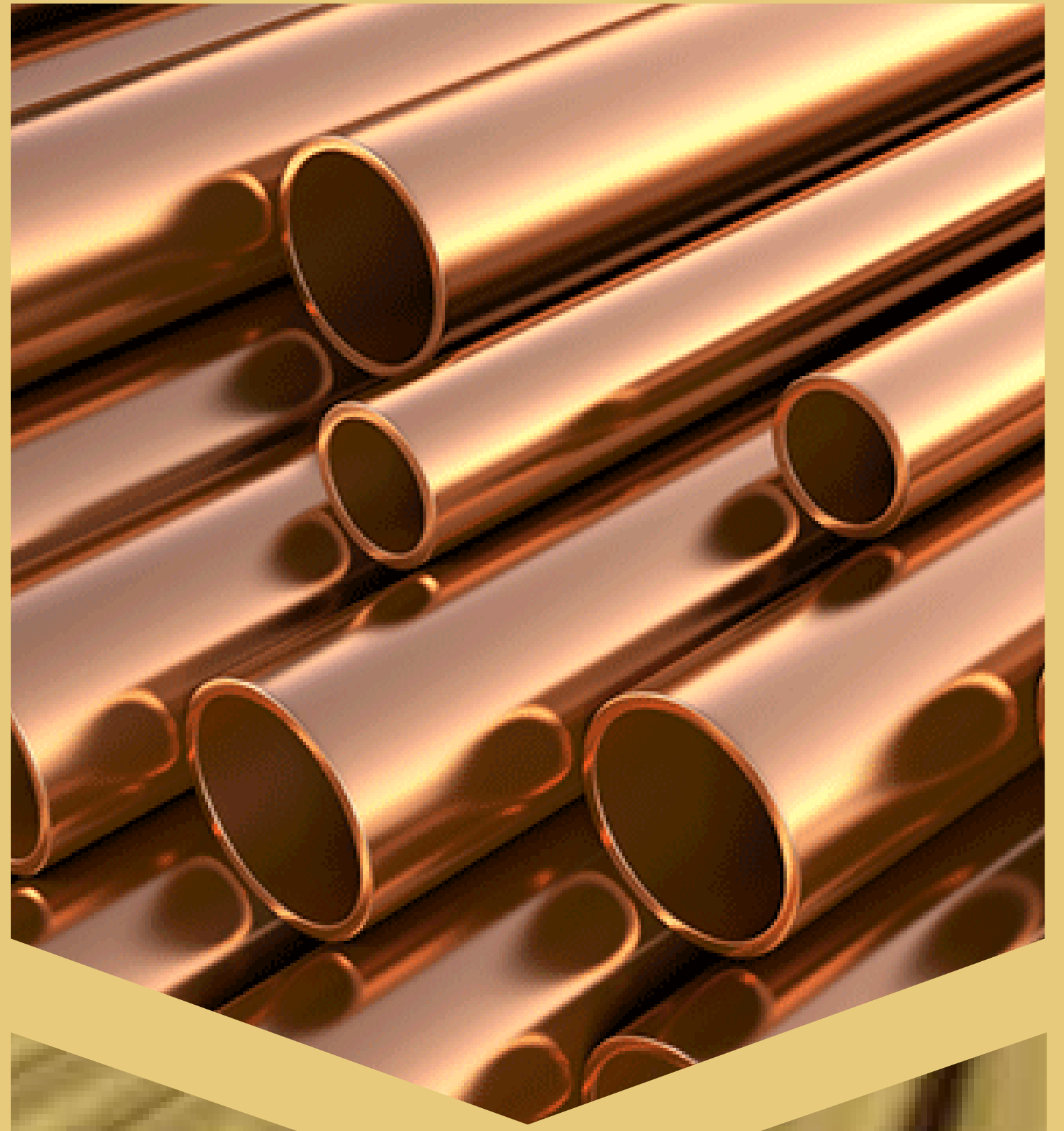
- Good drawability bending properties
- Applicable in ship industries, sanitary tubes, automobile parts

## ADB

- Good resistancy against sea water
- Applicable to heat exchangers and gas piping

## ALB

- Good thermal conductivity
- Applicable to distillers and oil cooling systems
- More corrosion resistancy against sea water compared with ADB



More Information:



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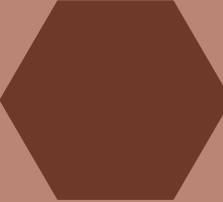

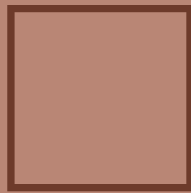


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# AMIRI METALS TRADING



## SECTIONS

Shape	Alloy Designation	Dimensions (mm)
  	TPC	Bus Bar: 3×20 to 20×120
		Squar Rod: 4 to 25
		Round Rod: 3 to 80
  	63B, 65B, FCD	Round Rod: 3 to 80
	FCR, FMR, FB	Squar Rod: 4 to 25
		Hexagonal Rod: 6 to 80
		Profile: According to request

# TYPES OF SECTIONS

## FCD - FCR

- Excellent machinability
- Applicable to watch and clock parts, gears, etc.

## AMB

- Good resistancy against pressure and erosion industries(heat exchanger tubes)

## FB

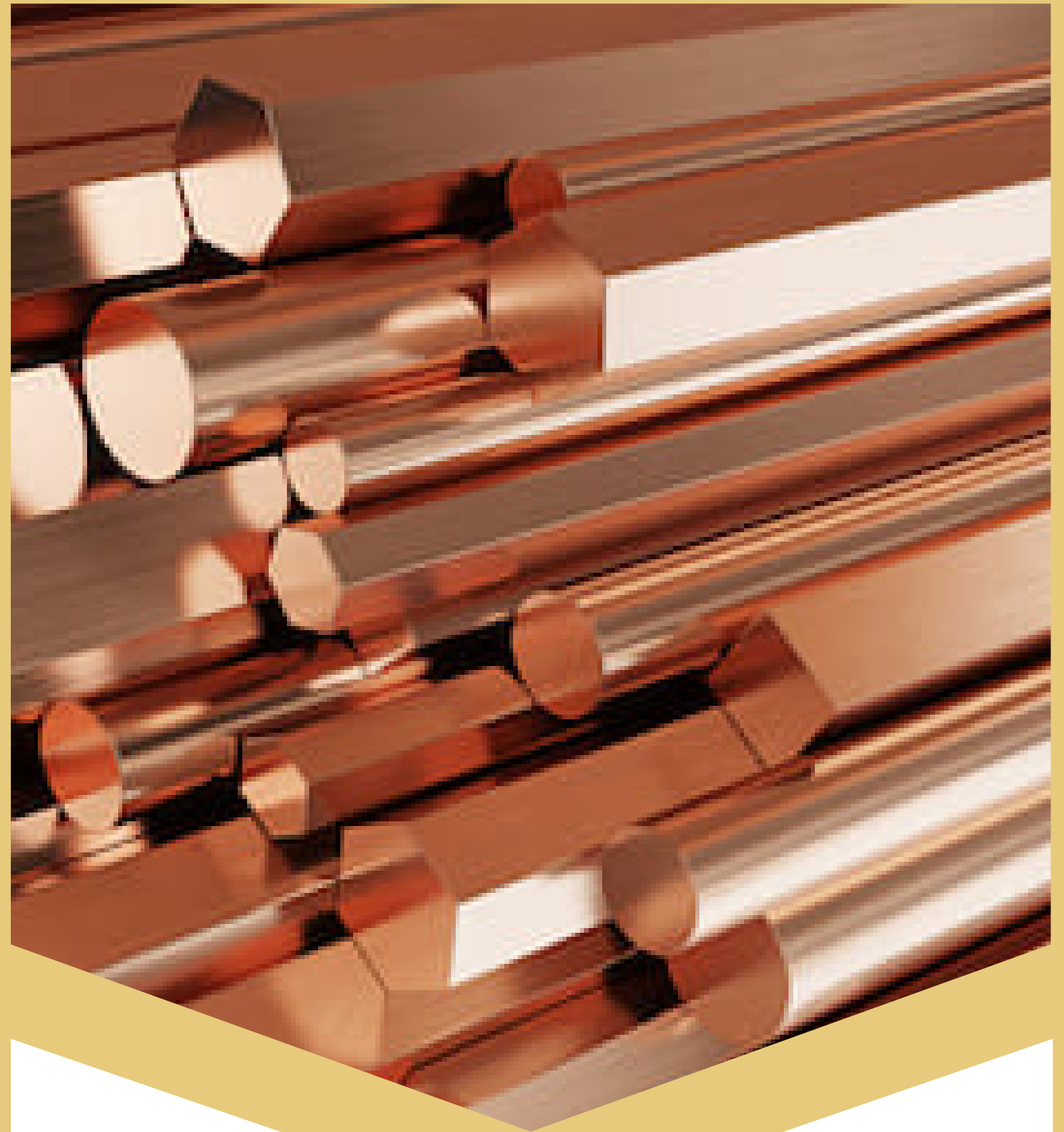
- Good for forging
- Applicable to sanitary utensils, window panes, valves and automobile parts

## FMR

- Good for machining and riveting
- Applicable to valves and bolts

## TPC

- Excellent electrical and thermal conductivity
- Good bendability, drawability and corrosion resistancy
- Applicable to electrical industries



More Information:



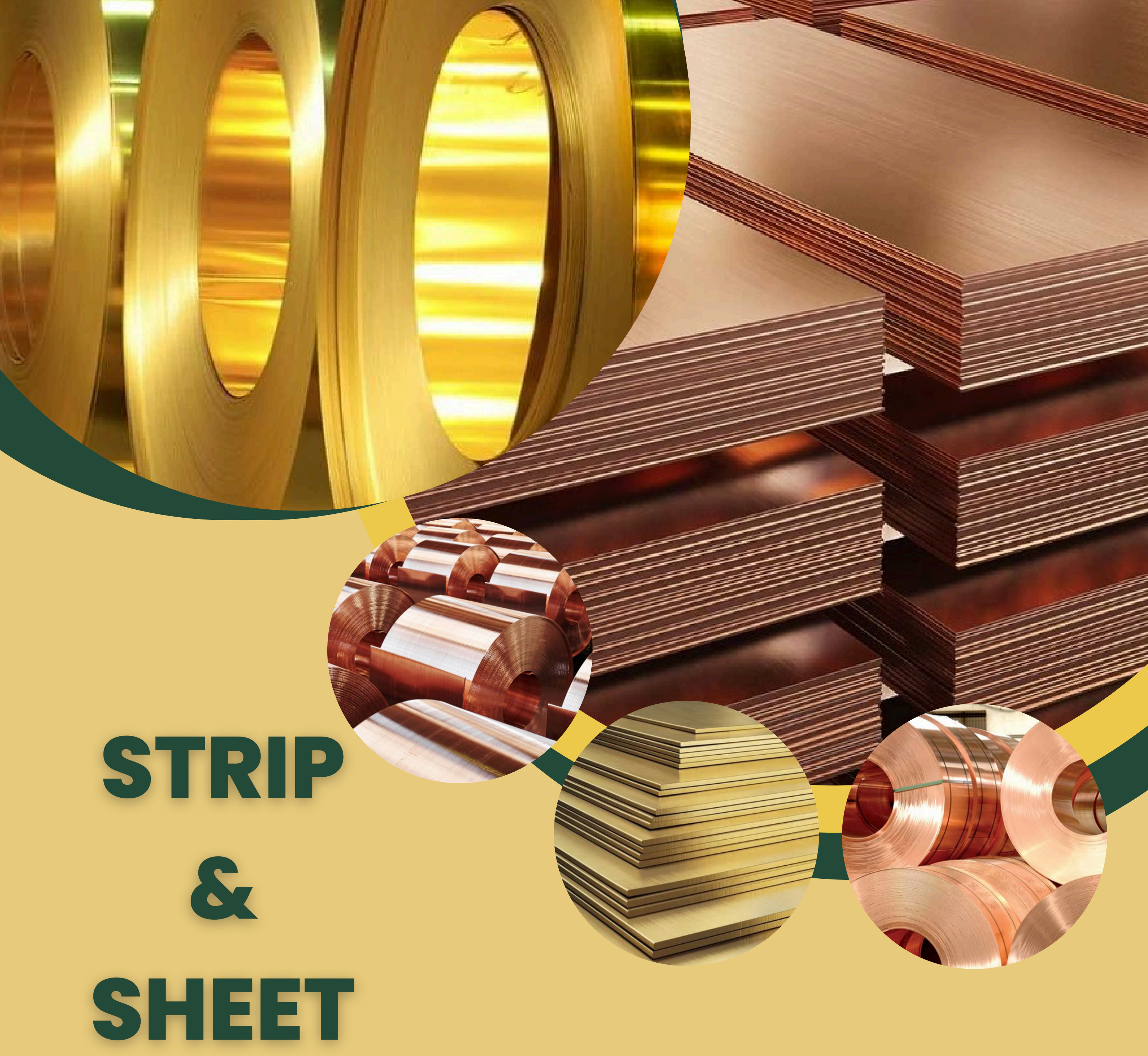
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# STRIP & SHEET



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Strip / Coil	
Thickness(mm)	Width(mm)
0.04 - 0.3	10 - 600
0.3 - 6	15 - 660
6 - 12	660

Sheet / Plate		
Thickness(mm)	Width(mm)	Length(mm)
0.25 - 1	300 - 320	700 - 2000
1 - 6	600 - 660	500 - 2000
8 - 60	660	1000 - 4000

**DIN 17670 - ASTM B152 - B36 - JIS H3100**



# TYPES OF COPPER STRIP & SHEET

## TPC

- Excellent electrical and thermal conductivity
- Good workability, drawability and corrosion and weathering resistancy
- Applicable to electrical usages, distillers, buildings, chemical industries, gasket, appliances, etc

## DLP-DHP

- Good workability, drawability, weldability, corrosion and weathering resistancy
- Good thermal conductivity
- Applicable to bath, boilers, kettle, gasket, building, chemical industries, etc

## CuSn

- With 0.1 - 0.18 percent of tin has a good consistency up to 300°C
- Applicable to automobile radiators

## Busbar(TPC)

- Excellent electrical and thermal conductivity
- Good workability, drawability and corrosion and weathering resistancy
- Applicable to distribution panels



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# TYPES OF BRASS STRIP & SHEET

## 60B-63B-65B-70B

- Excellent workability and drawability
- Suitable for plating
- Good for being punched and bent
- Glittering surface
- Applicable to automobile radiators and deep drawing work

## 80B-85B-90B-95B

- Excellent workability and drawability
- Good corrosion resistancy
- Applicable to building and military purposes

## CN90-CN75

- Durability in high temperatures
- Good corrosion resistancy (specially in sea water)
- Applicable to communication industry, sea industry and coining

## CuAlNi

- Good corrosion and oxidization resistancy
- Applicable to heat and cold industries and coining

## CuFe

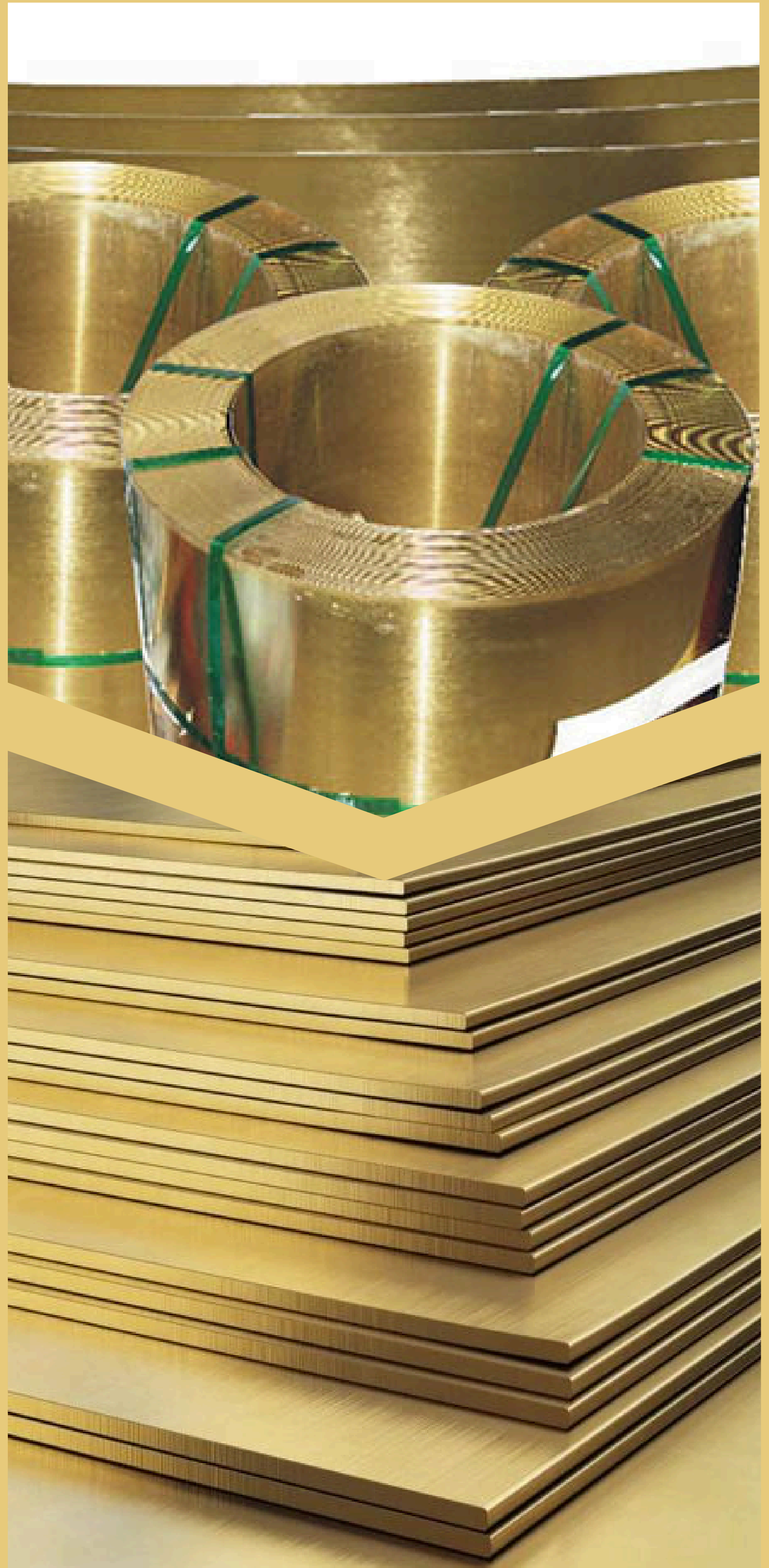
- Good corrosion resistancy in different weathers
- Functions better than copper against scratch and cracks due to tension
- Applicable to electrical parts, print and fitting industry

## Phosphorus Bronze

- Good corrosion and friction resistancy
- High resilience and springiness quality
- Mostly applicable to electrical parts and fitting industry

## Leaded Brass

- Good corrosion resistancy
- High elongation quality
- Applicable to parts that require drilling and grinding, construction and electrical industries



More Information:



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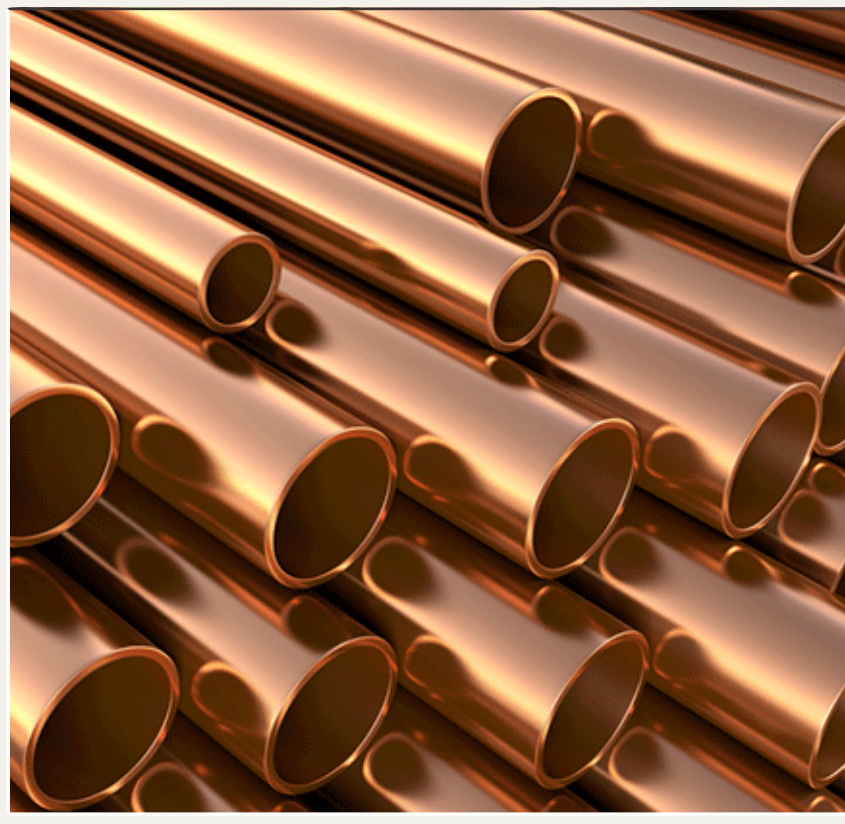
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LWC



Straight Length



Pancake Coil



Copper Billet

# AMIRI METALS TRADING



Brass Billet



Hexagon



Round



Square

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**AM**  
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