



**Finkelstein Metals** Ltd.  
Bronze & Brass

**CONTINUOUS CAST & EXTRUDED COPPER ALLOYS BARS**



# ABOUT US

Founded 75 years ago, Finkelstein Metals is a world leading manufacturer of continuous cast and extruded copper alloys.

We specialize in the production, sales and delivery of bronze, brass and aluminum bronze semi-finished products in a wide range of shapes and sizes.

The company's products are utilized in a large number of industries around the globe, including water, energy, defense, oil and gas, aerospace, marine and naval, general engineering and automotive industries.

The company is fully committed to its customers worldwide and aims at continuing to provide high quality products and professional services.

Finkelstein is presently building a new production plant that will significantly expand its production capacity, and will include state-of-the-art production facilities, large automated warehouses, and support, production and logistics offices that will implement a sophisticated ERP system.



## BRASS



EN

CW602N  
CW614N  
CW617N  
CW710R  
CW713R  
CW719R

ASTM

C36000  
C37700  
C38500  
C46400  
C67300  
C67400

## BRONZE



EN

CC483K CUSN12  
CC484K  
CC491K RG5  
CC493K RG7  
CC495K  
CC496K

ASTM

C83600  
C86300  
C90300  
C90700  
C93200  
C93700

## CONTINUOUS CASTING

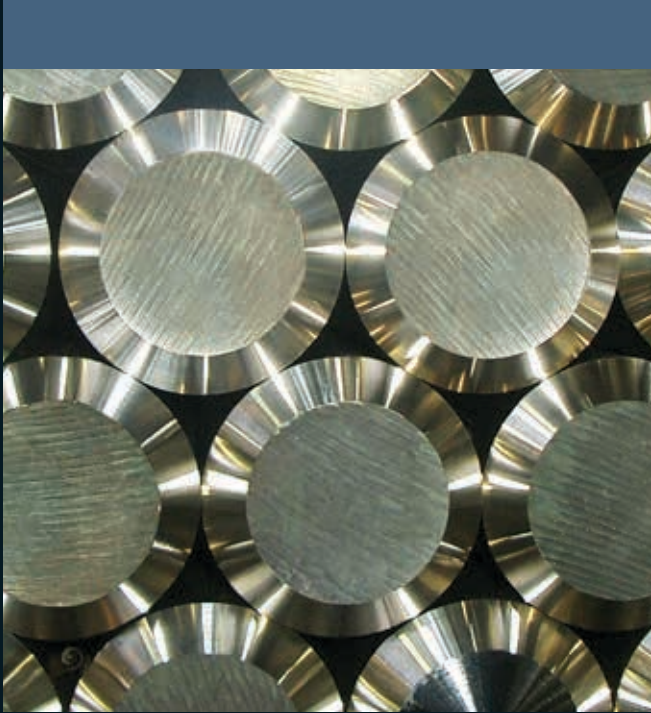


In this process, molten metal is poured through a graphite mold. The opposite end of the mold contains a cooling apparatus. The withdrawing rollers draw the solidified rod from the mold at a continuous rate and pass it through additional cooling and finally cross cutting. The improved mechanical properties of parts produced by continuous casting and its lower cost of operation for larger runs, make this method very economical.

CONTINUOUS CASTING UP TO 303 MM.



## ALUMINUM BRONZE



EN

CC333G  
CC334G  
CW302G  
CW306G  
CW307G  
CW308G

\* AMS-4640

\*\* AMS-4634

ASTM

C62300  
C62400  
\*C63000  
\*\*C64200  
C95400  
C95500

## PHOSPHOR BRONZE



ASTM

C51000  
C52100  
C52400  
C54400

## EXTRUSION



Extrusion is a process by which metal at a plastic state is forced to flow through a shape-forming die. When it emerges out of the die it inherits the shape of the die. Extrusion differs from drawing in that the metal is pushed, rather than pulled under tension. Using extrusion, a wide range of shapes can be produced.

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EXTRUDED UP TO 100 MM.

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# GREEN METALS



EN

CW509L  
CW510L  
CW511L  
CW719R

ASTM

C46400  
C86300  
C90500  
C95400

# INGOTS



EN

CB483K  
CB491K  
CB752S  
CB753S  
CB754S  
CB755S

ASTM

C83600  
C85700  
C85800  
C90300  
C90700  
C93200

# SHAPES



Round



Hollow



Hexagonal



Square



Rectangular



Profile

ISO • EN • BS • DIN • UNI • ASTM • SAE • AMS • QQB • QQC • RoHS • REACH

# INDUSTRIES



## AEROSPACE

Finkelstein Metals produces copper alloy products for the aerospace industry, manufacturing strong, durable products that withstand extreme weather conditions, are corrosion-resistant, and can carry extremely heavy loads.



## DEFENSE

Finkelstein Metals produces high quality copper alloys for the defense industry – products that are integrated into military equipment, ammunition and infrastructure around the world.



## AUTOMOTIVE

Finkelstein Metals' high quality copper alloys are widely used in automotive industries around the world. Engines made from Finkelstein copper alloy are non-stick, sturdy and durable, as are gears, hydraulic equipment, and a wide range of additional spare parts.



## GENERAL ENGINEERING

Finkelstein Metals supplies a large range of copper alloy products for engineering purposes. Customers worldwide receive specific copper alloy products to fit their precise requirements, in a wide variety of shapes and sizes.



## MARINE

Finkelstein Metals produces high quality copper alloys for a wide variety of ships, boats and other sea craft. Finkelstein offers its customers in the marine industry a large variety of extremely durable, corrosion resistant copper alloy products.



## OIL AND GAS

Safety is a top priority in this industry, which is why oil and gas companies around the globe know that they can count on Finkelstein Metals.



[WWW.FINKELSTEIN-METALS.COM](http://WWW.FINKELSTEIN-METALS.COM)

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