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.

CONTINUOUS CAST & EXTRUDED COPPER ALLOYS BARS
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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.
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.

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.

### Extruded Up To 100 MM

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</tr>
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</table>

* AMS-4640
** AMS-4634
CONTINUOUS CASTING EXTRUSION

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.

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Continuous casting up to 303 mm. Extruded up to 100 mm.

**Shapes**

- Round
- Hollow
- Hexagonal
- Square
- Rectangular
- Profile

**Standards**

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

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