



Ingot is generally made of metal, either pure or alloy, heated past its melting point and cast into a bar or block. It has been cast into a size and shape (such as a bar) that is convenient to store, transport and work into a semi-finished or finished product.

Continuous casting is the most efficient way to solidify large volumes of metal into simple shapes with consistent quality. The microstructure of the continuous cast ingot is even compared to casting ingot in conventional moulds. There is less possibility for arising of tension in the product and the finished parts made with continuous cast ingot will be more durable.



Advantages of the continuous cast Ingots over normal Ingots are as follows:

- Faster machining speeds for improved productivity
- Longer tool life
- Better surface finish
- Compact, lead-free chips
- No directionality of mechanical properties
- Close tolerances with complex cast parts



CONTINUOUS INNOVATION IN

COPPER ALLOY INGOTS

CONTINUOUS CASTING IS THE MOST
ADVANCE TECHNOLOGY IN INGOTS
FOR THE PLUMBING INDUSTRY.

CONTINUOUS INNOVATION IN COPPER ALLOY INGOTS



RAW MATERIAL

- Global sourcing of raw material
- Radiation tested inward & outward supply

GLOBAL FOOTPRINTS



India



USA



rajhans.com



CASTING

- Horizontal Continuous Casting lines
- Installed capacity 7000 MT / Annum
- Utilization capacity for Ingots 50%
- Leaded and non-leaded alloys
- Size A/F 3 Inch | Length 6 to 9 Inch
- Open to explore customized alloy, size & length



PACKAGING

- Pallet packing
- Can be customized



TESTING

- Chemically tested on OES analyzer
- Micro & macro testing
- Grinding, polishing & buffing
- Slush cup examination

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