

Spur gear and helical gear of ball mill

The structure of the ball mill girth gear has various shapes due to different operation requirements. CHAENG can manufacture spur gear and helical gear of ball mill according to customers' drawings and demands.



How does CHAENG manufacture ball mill girth gears?

After carefully analyzing the drawings and fully knowing about customers' requirements, CHAENG makes rigorous process plan.

Before casting, CHAENG numerically simulates the casting process by means of CAE software to analyze the molding process, predict and optimize the product quality.

Base on the requirements of customers, CHAENG selects appropriate wooden mold for modeling design.

Strictly according to the process procedures to produce high-quality girth gear: wood mold - modelling - pouring - heat preservation - out of the pit, sand cleaning - heat treatment - roughing, finishing - packing and delivery.

We use advanced detection equipment for non-destructive testing to ensure the quality. CHAENG steel castings can meet level-two flaw detection standards.



Advantages of CHAENG ball mill girth gears:

1. Special Heat Treatment Technology

CHAENG adopts special heat treatment technology to optimize structure, improve the hardness and enhance the impact-resistance of girth gear.

2. Long Service Life

CHAENG uses high-strength steel materials to produce girth gear, and optimizes the structure of girth gear according the drive characteristics of rotary kiln and ball mill, to ensure the long-term stability of the girth gear.

3. Factory Price, Custom & Quick Delivery

CHAENG is large steel casting company with strong production capability, we can provide girth gear within short period.

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