

## Advantages of CHAENG about the ball mill head manufacturing process

The ball mill head is one of the key components of the ball mill, and its machining and assembly processes require high precision, so the technological property should be fully considered when programming the process.

### **CHAENG formed a mature manufacturing process for ball mill head:**

Base on the requirements of customers, CHAENG selects appropriate wooden mold for modeling design, and uses CAE software to simulate the casting process. Strictly according to the process procedures to produce high-quality ball mill head: wood mold - modelling - pouring - heat preservation - out of the pit, sand cleaning - heat treatment - roughing, finishing - packing and delivery.



### **Advantages of CHAENG ball mill head:**

1. Using the CAE software for digital simulation of the casting process, complete the casting process optimization of the ball mill head.
2. The ball mill feed head produced by CHAENG can be adjusted to a certain degree for specific mills to make a better fit between the head and the feeding part, without gaps, effectively preventing some leakage problems caused by insufficient fit between ball mill head and parts.
3. The advanced level-II flaw detection instrument can accurately detect the inside of the mill head, to guarantee the quality.
4. Specialized polishing and finishing team and large-scale shot peening equipment effectively improve the appearance quality of the mill head, so that its surface finish meets customer requirements.



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