

CHAENG Girth Gear

Girth gear is an important transmission part of rotary kiln and ball mill equipment.

CHAENG can produce all kinds of large gear ring according to the drawings.

Weight :10-35 t

Materials :ZG45, ZG42CrMO

Used for: Ball mill, rotary kiln

Customized :Yes, according to customers' drawings

According to the customer's requirement, CHAENG chooses the appropriate wooden model for design and makes the CAE casting simulation before casting. The casting is strictly in accordance with the process of “wooden model—sand moulding—metallurgical casting—heat preservation—cleaning—heat treatment—rough finishing & fine finishing—package & delivery”, for the high quality gear castings.



Advantages of CHAENG girth gear:

1. Adopt special heat treatment technology to improve the structure optimization, the hardness, and enhance the wear-resistant and anti-impacting performances.

2. Adopts high strength steel materials.
3. Optimize girth gear based on the operation characteristics of the rotary kiln and ball mill, to ensure the stability of the girth gear during the long time operation and extend its service life.
4. Great Wall Steel Casting has large production capability in steel castings, so we can provide girth gear with short cast period and large amount.

CHAENG Girth Gear Quality Testing:

1. Girth gear rim is casted in two halves
2. Nondestructive testing is performed to ensure zero defects
3. Machining of gear in multiple steps to ensure best finish and accuracy
4. Final quality inspection to ensure CPG quality



CHAENG - Xinxiang Great Wall Steel Casting Co., Ltd

Website: www.partscasting.com

Tel: 86-371-55019878

Fax: 86-371-55019608

Email: casting@chaeng.co

Add: Mengzhuang Town, Huixian City, Henan Province, China

Postcode:453600