

Ball mill ring gear materials

The ring gears are one of the core components of the ball mills. The quality of the ring gear is directly related to the normal operation and production efficiency of the ball mill, especially the material selection of the ring gears.



The damage to the ball mill ring gear is mainly the wear and bending of the tooth surface, so a good ring gear must have high strength, good wear resistance, strong impact resistance, and other properties. Generally, the ball mill ring gear is mainly made of ZG270-500, ZG310-570, ZG45, ZG42CrMO, and other materials, which must be normalized before processing, and the hardness is generally HB170-200. The pinion gear is mainly made of ZG45, ZG40CrMO, and other materials, which need to be quenched and tempered to control the hardness above the hardness of the large ring gear.



The ball mill ring gear produced by CHAENG is made of high-quality steel and adopts

unique heat treatment technology. Its hardness, wear resistance, impact resistance, and other properties are greatly improved, and its service life is longer. As long as you can provide drawings, we can provide you with personalized ball mill ring gears.

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