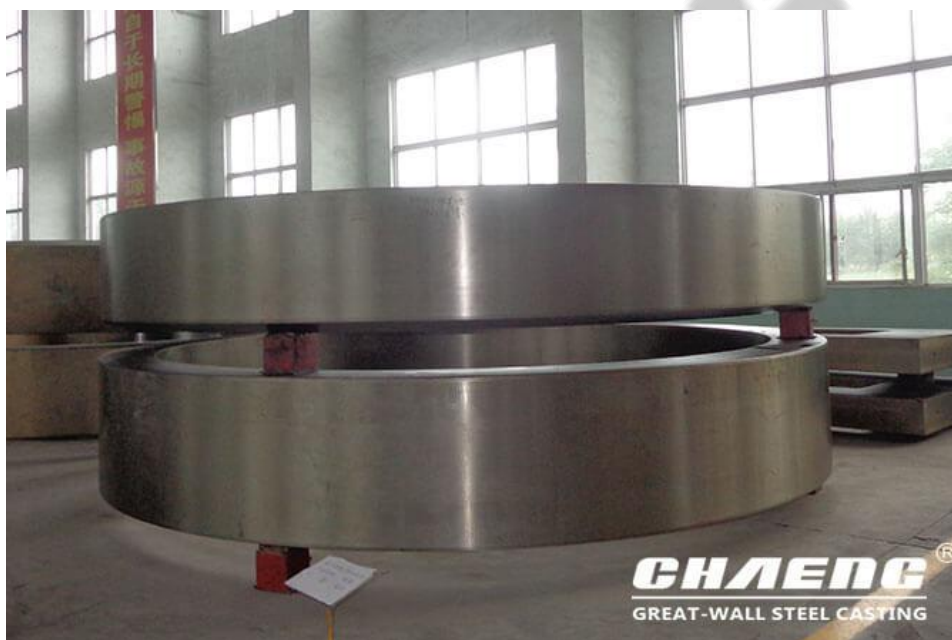


Rotary kiln parts - kiln tires

Rotary kiln tire (riding ring,tolling ring) is one important part of rotary kiln. It transmits all gravity of rotary barrel (including refractory bricks, internal devices and raw material, etc.) to supporting roller, and ensures that barrel rotates smoothly on supporting rollers, as well as strengthens radial stiffness of barrel, therefore enough strength, durability and rigidity of rotary tire are necessary.

CHAENG rotary kiln tire has the advantages:

1. High strength and good durability
2. Advanced double medium quenching process
3. High quenching hardness
4. Good wear resistance
5. Simple structure and easy to adjust and repair



Our main material for the rotary kiln tire is similar to followings:

Standard Specifications for Cast Steel		
Country	Standard	Grade
United Kingdom	BS EN 10083/2-1991	C45
USA	ASTM A 29/A29M-04	1045
Germany	DIN EN 10083-2-2006	C45/CK45
Japan	JIS G5111	SCC5
International	ISO 683/1	C45/C45E4/C45M2

Standard Specifications for Cast Steel		
Country	Standard	Grade
United Kingdom	BS 970-1	708 A42
USA	ASTM A 29/A29M-04	4140/4142
Germany	DIN EN 10083-1-1996	42CrMo4
Japan	JIS G4053-2003	SCM440
International	ISO 683/1	3

Quality assurance:

The fabrication route is governed by the provisions of the implemented Quality System ISO 9001: 2015. The standard documentation ensures the full traceability of every process step:

- Manufacturer test certificates according to DIN EN 10.204 § 3.1 including chemical composition, mechanical properties and non-destructive examination;
- Dimensional check supported with a "as-built" sketch;
- Record of the heat treatment chart;

Our service:

Prompt response in 24h after your inquiry

Several years high-precision processing experience

OEM service:

Advanced management ability with high technology

Strictly quality control

We design the production according to your drawing when you supply the design drawing.

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