



Non Noise Cast Iron Sand Casting For Railway Locomotive / Train Brake Block

Our Product Introduction

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Basic Information

- Place of Origin: Ningbo,China
- Brand Name: NC511
- Certification: ISO9001,CE,SGS
- Model Number: 511
- Minimum Order Quantity: 100 pcs
- Price: \$1-50
- Packaging Details: Customized
- Delivery Time: 30 days
- Payment Terms: T/T, L/C
- Supply Ability: 60,000 pcs per month



Product Specification

- Type: Brake Assembly
- Material: Ductile Iron, Grey Iron
- Application: Railway Vehicles
- Characteristics: Wear Resistant Non Noise Less Dust
- Process: Sand Casting
- Painting: Anticorrosive Paintig
- Highlight: cast iron sand casting, resin sand casting



More Images



Product Description

Cast Ductile Iron Railway Locomotive Brake Block Train Brake Block

Description

Cast iron brake block has been in use on railway vehicles for more than a century in history.

The main advantages of cast iron brake block are:

1. a small friction coefficient affected by the environment and more stable, so it is "all-weather" operational;
2. good thermal conductivity, low thermal damage to the wheels;
3. The coarsening of the wheel surface can obtain more adhesion, which can reduce the mechanical abrasion of the wheel;
4. Durable, low prices.

But the friction coefficient of ordinary gray cast iron brake shoe is small, and with the increase of friction velocity, friction coefficient decreased rapidly especially when it is in high-speed running.

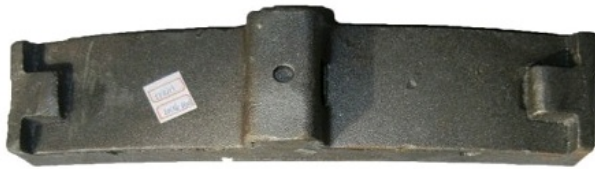
So ordinary cast iron brake shoes are generally used for low-speed operation of passenger trains.

For cast iron brake used in high speed train, we can improve the performance by increase the content of phosphorus or add some alloy element.

In fact, it is the high phosphorus cast iron brake block that is widely used now, to avoid the crack, a backing plate is used to reinforce.

Product Details

N a m e	Railway Base Plate Tie Plate			
T y p e	For rail UIC54, UIC60, 50kg rail, 60kg rail,S49 and size as ordered			
M a t e r i a l	QT500-7	QT450-10	low carbon steel or high carbon steel by forged	Low carbon steel S275JR, Q235, etc. by rolled
C h e m i c a l c o m p o s i t i o n (%)	C:3.60-3.80, Mn:≤0.6, Si:2.50-2.90, P:≤0.08, S:≤0.025	C:3.40-3.90, Mn:0.2-0.5, Si:2.70-3.00, P:≤0.07, S:≤0.03	/	/
S u r f a c e	plain (oiled)			
S t a n d a r d r e f e r s	UIC864-6			



Other railway products we can supplier such as following:

1. Elastic Rail Clip and Clamp, SKL clip, Pandrol E Clip, Deenik clip, Fastclip, Fist clip;
2. Rail Screw Spike/coach screw/drive screw/dog spike;
3. Plastic Dowel/screw dowel;
4. Track Bolt with Nut;
5. Rail Base (Tie) Plate;
6. Rail Fish Plate, Fish Bolt, nut and washers;
7. Railway Shoulder (Insert);
8. Railroad Rubber and EVA Pad;
9. Rail spring washer, Rail plain washer;
10. Rail Clamp plate;
11. Train Block shoe/ Brake block;
12. Rail Anchor;
13. Rail Shoulder;
14. Steel Rail;
15. Steel Sleeper.

Advantage

- Composite friction material bearing high energy braking;
- High coefficient of friction and stability,
- small heat fade for coefficient of friction,
- Temperature insensitiveness,
- Develop according to the samples or drawings
- Certification:ISO9001-2000

FAQ

Q1. What is your payment term?

A: T/T 30% down payment, balance to be paid before shipment. or L/C.

Q2: What is your main market?

A: Western Europe, North America, Japan,,

Q3: Can I get samples from your factory?

A: Yes, sample is free, but the express charge is yours.

Q4: If products have some quality problem, how would you deal with?
A: We will responsible for all the quality problems.



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