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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Ribbed bars for track panel

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is proposed by China Iron and Steel Industry Association.

This standard is under the jurisdiction of the National Steel Standardization Technical Committee (SAC/TC183).

The drafting of this standard. China Metallurgical Building Research Institute Co., Ltd., Fujian Province, three steel (Group) Co., Ltd., Yongzhou logistics (Zhang

Hong Kong) Co., Ltd., Beijing Iron Branch Shougang Rail Technology Co., Ltd., Tianjin Yinlong Prestressed Materials Co., Ltd., Jiangsu Bin Xin Steel

Iron Group Co., Ltd., Shougang Corporation, Metallurgical Industry Information Standards Institute.

1 Scope

This standard specifies the terms and definitions, grades, order contents, dimensions, and outer dimensions of the finishing bar and the spiral rib prestressed steel for rail plates

Shape, weight and allowable deviation, technical requirements, test methods, inspection rules, packaging, identification and quality certificates.

This standard applies to the use of rail plate with finishing steel (hereinafter referred to as finishing rolling steel) and spiral rib prestressed steel (hereinafter referred to as snail

Spin ribs).

2 normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article

Pieces. For undated references, the latest edition (including all modifications) applies to this

document.

GB/T 222 Determination of chemical composition of finished steel

GB/T 223.5 Determination of silicon and total silicon content of iron and silicon in steel - Reduced molybdosilicate spectrophotometric method

Steel and alloys - Determination of chromium content - Visual titration or potentiometric titration

GB/T 223.12 Methods for chemical analysis of iron, steel and alloy - Sodium carbonate separation - Diphenylcarbazide spectrophotometric method for the determination of chromium content

GB/T 223.14 Methods for chemical analysis of iron, steel and alloy - The tantalum reagent extraction spectrophotometric method for the determination of vanadium content

GB/T 223.19 Methods for chemical analysis of iron, steel and alloy The new sub-copper spirit-chloroform extraction spectrophotometric method for the determination of copper content

Iron and steel - Determination of nickel content - Butadiene oxime spectrophotometric method GB/T

Iron and steel - Determination of molybdenum content - Thiocyanate spectrophotometric method GB/T

GB/T 223.37 Methods for chemical analysis of iron, steel and alloy - Distillation separation - indophenol blue photometric method for the determination of nitrogen content

Iron and steel - Determination of niobium content - Chlorosulfonol S spectrophotometric method GB/T

GB/T 223.59 Determination of phosphorus content of iron, steel and alloy - Bismuth phosphorus molybdenum blue spectrophotometric method and antimony phosphomolybdenum blue spectrophotometric method

GB/T 223.63 Methods for chemical analysis of iron, steel and alloy The sodium periodate (potassium) spectrophotometric method for the determination of manganese content

Iron and steel - Determination of high sulfur content - Infrared absorption method after induction furnace combustion

Iron and steel - Determination of total carbon content - Infrared absorption method after induction furnace combustion

GB/T 2101 steel acceptance, packaging, marking and quality of the general provisions of the certificate

General rules for the acceptance, packing, marking and quality of steel wire GB/T

GB/T 4336 carbon steel and low alloy steel spark source atomic emission spectrometric method (conventional method)

Sampling and sample preparation methods for the determination of chemical constituents of steels and iron GB/T

GB/T 20123 Determination of total carbon and sulfur content of steel - High frequency induction furnace after combustion infrared absorption method (conventional method)

GB/T 20125 Determination of multi-element content of low-alloy steel - Inductively coupled plasma atomic emission spectrometry

Test method for steels for prestressed concrete GB/T

Test method for steel for reinforced concrete GB/T

Numerical correction of YB/T 081 metallurgical technical standard and determination of its numerical value

3 terms and definitions

The following terms and definitions apply to this document.