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

GB/T 28899-2012

**Wire rods for cold rolled ribbed steel bars
(English Translation)**

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Foreword

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

The standard proposed by China Iron and Steel Association.

This standard by the National Steel Standardization Technical Committee (SAC/TC183) centralized.

This standard was drafted. China Metallurgical Construction Group Research Institute Co., Ltd., Metallurgical Industry Information Standards Institute, Jiangsu Lianfeng Industrial Co.

Co., Maanshan Iron & Steel (Group) Holding Co., Ltd., Xingtai Iron and Steel Co., Ltd., Zhongtian Iron and Steel Group, Sichuan Dazhou Iron and Steel Group Limited liability company, Laiwu Iron and Steel Company, Hunan Valin Xiangtan Iron & Steel Co., Xuanhua Iron and Steel Group Co., Ltd., Shougang Corporation, Guangdong Enterprises Group Co., Ltd. Yufeng.

1 Scope

This standard specifies the grades of cold rolled ribbed bar with a hot rod, size, shape, weight and tolerance, technical requirements, test methods, Inspection rules, packaging, marking and quality certification.

This standard applies to cold-rolled ribbed steel bars for the production of wire rod.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 222 chemical composition of finished steel tolerance GB/T 223.5 steel measuring soluble silicon and total silicon content reduced silicon molybdate salt spectrophotometric method Determination of GB/T 223.11 steel and alloy chromium content of visual titration or

potentiometric titration GB/T 223.12 Methods for chemical analysis of iron, steel and alloys of sodium carbonate separation - diphenyl hydrazine spectrophotometric determination of chromium content GB/T 223.14 Methods for chemical analysis of iron, steel and alloys, tantalum reagent extraction and spectrophotometric determination of vanadium content GB/T 223.17 steel and alloy chemical analysis method two determination in titanium content for DAM GB/T 223.19 Methods for chemical analysis of iron, steel and alloy neocuproine - chloroform extraction spectrophotometric determination of copper content GB/T 223.23 steel and alloy - Determination of nickel content dimethylglyoxime spectrophotometry GB/T 223.59 Steel and Alloy Determination of phosphorus content by bismuth phosphomolybdate blue spectrophotometric method and antimony phosphomolybdate blue spectrophotometry GB/T 223.63 Methods for chemical analysis of iron, steel and alloy The sodium (potassium) for Determination of amount Determination of sulfur content of potassium iodate titration method after GB/T 223.68 Methods for chemical analysis of iron, steel and alloy tube furnace combustion GB/T 223.69 after carbon and alloy steel - Determination of the pipe furnace combustion gas volumetric method Determination of depth of decarburization GB/T 224 steel RT Test Method. Test Part 1 GB/T 228.1 metallic materials tensile GB/T 232 metallic materials - Bend test General provisions GB/T 2101 steel acceptance, packaging, marking and quality certificate GB/T 2975 Steel and steel products for mechanical testing and sample preparation position GB/T 4336 carbon steel and low alloy steel spark source atomic emission spectrometry method GB/T 14981 hot rod size, shape, weight and tolerance GB/T 20066 Steel and iron - Sampling and determination of the chemical composition of the sample with a sample preparation method GB/T 20123 Steel - Determination of total carbon and sulfur content of the high-frequency induction furnace combustion infrared absorption method (conventional method) YB/T 081 value metallurgical technical standards and testing for rounding value determination principles

3 Terms and Definitions

The following terms and definitions apply to this document.

Cold rolled ribbed bar with hot rod wire rods for cold rolled ribbed steel bars Hot rolled shaped cross-section is generally circular, a smooth surface and a cold-rolled ribbed steel wire rod raw materials.