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NATIONAL STANDARD OF THE PEOPLE'S

REPUBLIC OF CHINA

中华人民共和国国家标准

GB/T 710-2008

Replace GB/T 710-1991

**Hot-rolled quality carbon structural steel sheets and
strips**

优质碳素结构钢热轧薄钢板和钢带

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Standardization Administration of the People's Republic of China

Preface

This standard replaces GB/T 710-1991 *Hot-rolled quality carbon structural steel sheets and strips*.

Compared with GB/T 710-1991, the main changes in this standard are as follows:

- Adds the order content of hot-rolled steel sheets and strips;
- Cancels the serial brands of boiling Steel;
- Adjusts the tensile performance indexes of each brand.
- Raises the grain size rating of the most deep drawing level and the deep drawing level
- Adjusts thickness range index of cupping test
- Adds the thickness requirements of cold bending test
- Modifies the specifications for recheck.

This standard is proposed by China Iron and Steel Association.

This standard is under the jurisdiction of National Standardization Technical Committee of Iron and Steel.

Main drafting units of this standard are: Hunan Valin Lianyuan Iron & Steel Co., Ltd, Jinan Iron and Steel Group Co Ltd, Shougang Corp, the Metallurgical Industry Information and Standards Research Institute.

The main drafters of this standard: Zhoujian, Wuguangliang, Gaoling, Shili, Wangxiaohu, Lixiaoshao, Heshuzhi.

The issue history of standard version replaced by this standard:

GB/T 710-1988, GB/T710-1991

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优质碳素结构钢热轧薄钢板和钢带

Hot-rolled quality carbon structural steel sheets and strips

1. Scope

This standard specified the classification, order content, size, shape, allowable deviation, technical requirement, test method, check regulation, package, mark and quality certificate of the hot-rolled quality carbon structural steel sheets and strips.

This standard is applicable to the hot-rolled quality carbon structural steel sheets and strips with thickness less than 3mm, and width no less than 600mm (Hereinafter called steel sheets and strips).

2. Normative references

The provisions contained in the following standards have become the provisions of this standard when they are cited herein. All the dated references and their modification lists (excluding corrections) and the revised editions shall not be applicable to this Standard, but, all parties who have concluded agreements based on this standard are encouraged to investigate the possibility of applying the latest editions of these documents. All the undated references and their latest editions are applicable to this Standard.

GB/T 222 Permissible tolerances for chemical composition of steel products

GB/T 223.3 Methods for chemical analysis of iron, steel and alloy--The diantipyryl methane phosphomolybdate gravimetric method for the determination of phosphorus content

GB/T 223.5 Steel and iron - Determination of acid-soluble silicon and total silicon content - Reduced molybdosilicate spectrophotometric method.

GB/T 223.9 Iron, steel and alloy - Determination of aluminium content - Chrom azurol S photometric method.

GB/T 223.11 Iron, steel and alloy - Determination of chromium content - Visual titration or potentiometric titration method.

GB/T 223.12 Methods for chemical analysis of iron, steel and alloy--The sodium carbonate separation-diphenyl carbazide photometric method for the determination of chromium content.

GB/T 223.18 Methods for chemical analysis of iron, steel and alloy--The sodium thiosulfate separation iodimetric method for the determination of copper content

GB/T 223.19. Methods for chemical analysis of iron, steel and alloy--The neocuproine-chloroform extraction photometric method for the determination of copper content.

GB/T 223.23 Iron, steel and alloy - Determination of nickel content - The dimethylglyoxime spectrophotometric method.

GB/T 223.36 Methods for chemical analysis of iron, steel and alloy--The neutral titration method for the determination of nitrogen content after distillation separation.

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

GB/T 223.53 Methods for chemical analysis of iron, steel and alloy--The flame atomic absorption spectrophotometric method for the determination of copper content.

GB/T 223.54 Methods for chemical analysis of iron, steel and alloy--The flame atomic absorption spectrophotometric method for the determination of nickel content

GB/T 223.58 Methods for chemical analysis of iron, steel and alloy--The extraction-absorption catalytic polarographic method for the determination of manganese content.



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