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

GB/T 13237-2026

Replacing GB/T 13237-2013

Cold rolled quality carbon structural steel sheet and strip

优质碳素结构钢冷轧钢板及钢带

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1 Scope

GB/T 13237-2026 is the Chinese national standard covering cold rolled quality carbon structural steel in sheet and strip - the material of stamped and formed parts, specified on composition, mechanical properties, surface and formability. It replaces GB/T 13237-2013, revised together with GB/T 711-2026 on the hot rolled product. It was issued on 2 July 2026 and takes effect on 1 February 2027, replacing GB/T 13237-2013. The document is under the responsibility of the China Iron and Steel Association. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the classification and designation, ordering details, manufacturing process, technical requirements, test methods, inspection rules, packaging, marking, quality certificate for high-quality carbon structural cold-rolled steel sheets and strips. This document applies to the production, inspection, delivery of high-quality carbon structural cold-rolled steel sheets and strips (hereinafter referred to as "sheets and strips"), which have a thickness not exceeding 4 mm.

2 Normative references

The following documents, through normative references herein, constitute essential provisions of this document. For dated references, only the edition cited applies; for undated references, the latest edition of the referenced document (including any amendments)

applies.

GB/T 222 Steel and alloys - Permissible deviations of chemical composition of finished products

GB/T 223 (All parts) Methods for chemical analysis of iron, steel and alloy

GB/T 224 Determination of the depth of decarburization of steels

GB/T 228.1 Metallic materials - Tensile testing - Part

3 Terms and definitions

This document does not contain any terms or definitions that require definition.

4 Classification and designations

4.1 Steel sheets and strips are classified according to surface quality, as shown in Table 1.

Table 1 -- Surface quality classification

4.2 Steel sheets and strips are classified according to edge condition, as shown in Table 2.

Table 2 -- Edge condition classification

4.3 Steel sheets and strips are classified according to surface structure, as shown in Table

3. Table 3 -- Surface structure classification

5 Ordering information

5.1 Contracts or orders placed in accordance with this document shall include at least the following.

- a) Document number;
- b) Product name;
- d) Dimensions and precision;
- e) Surface quality grade;
- f) Surface structure;
- g) Type of coating;
- h) Edge condition;
- i) Packaging method;
- l) Special requirements.

5.2 If the purchase contract does not specify dimensions, flatness accuracy, surface quality grade, surface structure, edge condition, packaging method, the steel sheets or strips shall

be supplied with ordinary-grade dimensions and flatness accuracy, higher- grade surface quality, a rough surface structure with medium-coated oil and cut edges, packaged according to the packaging method provided by the supplier.

6 Manufacturing process

6.1 Smelting method The steel shall be smelted in a converter or electric arc furnace. Unless otherwise specified by the purchaser in the contract, the smelting method shall be selected by the supplier.

6.2 Delivery condition

6.2.1 Steel sheets and strips shall be delivered in a flat condition after annealing. Subject to negotiation between the supplier and the buyer, delivery may also be made in hard, semi-hard, or other conditions.

6.2.2 Steel sheets and strips are usually supplied after being oiled. The oil film shall be removable with an alkaline solution or other commonly used degreasing agents. Under normal packaging, transportation, loading and unloading, storage conditions, lightly oiled steel sheets and strips shall not rust within 3 months from the date of manufacture; medium- and heavy-duty oiled steel sheets and strips shall not rust within 6 months from the date of manufacture. The amount of oil applied for each type of oiling is given in Appendix A. If the buyer requests unoiled delivery, this shall be negotiated at the time of ordering. Note

1.For products requested by the buyer to be unoiled or coated with DOS oil, rust may occur. Additionally, minor scratches may easily occur on the surface during transportation, loading and unloading, storage, use. Note

2.The issuance date on the product inspection document is usually specified as the product's manufacturing completion date.

7.1 Designations and chemical composition

7.1.1 The designation and chemical composition (smelting analysis) of the steel shall conform to the provisions of Table 4.