

ICS 77.150.50

CCS H 64



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

GB/T 26723-2025

Replacing GB/T 26723-2011

Cold rolled titanium strip coil

冷轧钛带卷

Issued on: August 29, 2025

Implemented on: March 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and Definitions

4 Classification and Labeling

4.1 Product Classification

4.2 Product Marking

5 Technical Requirements

5.1 Chemical composition

5.2 External dimensions and their permissible deviations

5.3 Tensile properties at room temperature

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting.

This document replaces GB/T 26723-2011 "Cold-rolled Titanium Strip Coils". Compared with GB/T 26723-2011, the main differences are in structural adjustments and editorial changes.

Aside from the modifications, the main technical changes are as follows.

- a) Product brands and specifications have been changed (see Table 1, 2011 edition of Table 1);
- b) The thickness tolerance of the products has been changed, and the thickness tolerance for grades TA0, TA8, and TA18 has been increased (see Table 2, 2011). Table 2 of the version);
- c) The permissible width tolerance for the product has been changed (see Table 3, 2011 edition);
- d) Content related to cupping values has been removed (see 3.5.2 in the 2011 version);
- e) The requirements for the product tower shape have been changed (see 5.2.6, 2011 version 3.7.3);
- f) Modified some room temperature tensile properties of TA1G, TA2G, TA4G, TA8-1, and

TA9-1; added grades TA0 and TA8.

The room temperature tensile properties of TA18 products have been improved, adding room temperature tensile property grades of TA0, TA1G, TA2G, TA3G, and TA4G. (See Table 4, 2011 edition);

g) Increased bending performance requirements for grades TA0, TA8, and TA18 (see Table 5);

h) Requirements for product surface defects have been added (see 5.7.2);

i) The thickness detection location for the product has been changed (see 6.2.1, 4.2 in the 2011 version);

j) The test requirements for the room temperature tensile properties of the product have been changed (see 6.3, 4.3 in the 2011 edition);

k) Increased sampling requirements for product performance testing (see Table 6).

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China Nonferrous Metals Industry Association.

This document is under the jurisdiction of the National Technical Committee on Standardization of Nonferrous Metals (SAC/TC243).

This document was drafted by: Hunan Xiangtou Jintian Titanium Metal Co., Ltd., Hunan Xiangtou Jintian Technology Group Co., Ltd., and Hunan...

Xiangtou Jintian New Materials Co., Ltd., Nonferrous Metals Technology and Economic Research Institute Co., Ltd., Baoji Titanium Industry Co., Ltd., and Xi'an Zhuangxin New Materials Technology Co., Ltd.

The main drafters of this document are: Peng Dan, Yu Shilun, Liu Zhengqiao, Jiang Mengling, Kong Bin, Kuang Lianjun, Yang Sheng, Xiang Wuyuan, Zhang Huijie, and Li Junzhao.

Bai Zhihui, Niu Rongrong, and Mu Guolu.

This document was first published in 2011, and this is its first revision.

1 Scope

This document specifies the classification and marking, technical requirements, test methods, inspection rules, marking, packaging, transportation, and storage of cold-rolled titanium strip coils.

Accompanying documents and order details.

This document applies to titanium strip coils for various applications produced by cold rolling.

2 Normative references

GB/T 228.1-2021

GB/T 232

GB/T 3620.1

GB/T 3620.2

GB/T 4340.1

GB/T 4698

GB/T 6394

GB/T 8180

GB/T 34647

GB/T 38982

3 Terms and Definitions

The terms and definitions defined in GB/T 34647 and GB/T 38982 apply to this document.

4.1 Product Classification

The product's brand, condition, and specifications are shown in Table 1.

Table 1. Grade, Condition, Specification Brand Status Specifications (thickness x width x length) mm TA0, TA1G, TA2G, TA3G, TA4G, TA8, TA8-1, TA9, TA9-1, TA10, TA18 Annealed state (M), cold-worked state (Y) (0.10~5.00)x(500~1500)xL

4.2 Product Marking

Product markings are indicated in the following order. product name, brand, status, specifications, and document number.

Example. A product manufactured using TA2G, in an annealed state, with a thickness of 0.6 mm and a width of 1200 mm, is marked as.

5.1 Chemical composition

5.1.1 The chemical composition of the product shall comply with the provisions of GB/T 3620.1.

5.1.2 When the buyer takes samples from the product for chemical composition retesting, the permissible deviation of the chemical composition shall comply with the provisions of GB/T 3620.2.

5.2 External dimensions and their permissible deviations

5.2.1 The allowable thickness deviation of the product shall conform to the specifications in Table 2. The level of allowable thickness deviation shall be specified in the purchase order; otherwise, it shall be determined by the allowable tolerance.

Standard precision is available. Table 2 Thickness Tolerance The unit is millimeters. Nominal thickness Thickness tolerance a Ordinary precision High precision 0.10~0.15 ± 0.015
 ± 0.010 >0.15~0.20 ± 0.02 ± 0.015 >0.20~0.30 ± 0.03 ± 0.02 >0.30~0.50 ± 0.04 ± 0.02
 >0.50~0.70 ± 0.05 ± 0.03 >0.70~1.00 ± 0.08 ± 0.06 >1.00~1.50 ± 0.10 ± 0.07 >1.50~2.00
 ± 0.15 ± 0.08 >2.00~2.50 ± 0.18 ± 0.10 >2.50~4.00 ± 0.20 ± 0.14 >4.00~4.75 ± 0.25 ± 0.16
 >4.75~5.00 ± 0.30 ± 0.20 a. When the buyer requires a unidirectional deviation where all thickness tolerances are " " or all "-", the value should be twice the corresponding value in the table.

5.2.2 The allowable deviation of the product width shall conform to the provisions of Table 3. Table 3 Width Tolerance The unit is millimeters. Nominal width Width tolerance a Trimmed edges or not 500~610 ± 0.4 ± 3.0 >610~900 ± 0.6 ± 4.0 Table 3 Width Tolerances (Continued) The unit is millimeters. Nominal width Width tolerance a Trimmed edges or not >900~1250 ± 1.0 ± 4.0 >1250~1500 ± 1.0 ± 6.0 a. When the buyer requires a unidirectional deviation where all width deviations are " " or all "-", the value should be twice the corresponding value in the table.

5.2.3 The side curvature of the product shall not exceed 3mm over any length of 1000mm.

5.2.4 The product's unevenness should not exceed 15mm, and the wave height ratio at any length position should not exceed 3%.

Note. Wave height ratio is the ratio of the unevenness within a specified length range to the specified length.

5.2.5 The product should be securely rolled up and kept as cylindrical as possible without curling edges. The inner diameter of the roll should be specified in the order form.

5.2.6 After removing the inner and outer three rings at the head or tail, the pyramid shape of the trimmed product should not exceed 20mm, and the pyramid shape of the untrimmed product should not exceed [missing value]. 40mm.

5.3 Tensile properties at room temperature

The room temperature tensile properties of annealed products should conform to the specifications in Table 4. The room temperature tensile properties of products in other states