

Translated English of Chinese Standard: YB/T4635-2017
www.ChineseStandard.net → Buy True-PDF → Auto-delivery.
Sales@ChineseStandard.net

YB

FERROUS METALLURGY INDUSTRY STANDARD
OF THE PEOPLE'S REPUBLIC OF CHINA

ICS 77.140.50

H 46

YB/T 4635-2017

Precision Steel Strip for Retractor Spring of Vehicle Safety-Belts

汽车安全带卷簧用精密钢带

Issued on: November 07, 2017

Implemented on: April 01, 2018

Issued by: Ministry of Industry and Information Technology of the People's Republic of China.

Table of Contents

Foreword.....	3
1 Scope.....	4
2 Normative References.....	4
3 Classification and Labelling	4
4 Order Contents.....	5
5 Size, Shape and Weight.....	6
6 Technical Requirements.....	7
7 Test Methods.....	8
8 Inspection Rules.....	8
9 Packaging, Marking and Quality Certificate	9

Precision Steel Strip for Retractor Spring of Vehicle Safety-Belts

1 Scope

This Standard specifies the classification and labeling, order content, size, shape, weight, technical requirements, test methods, inspection rules, packaging, marking and quality certificate of precision steel strip for retractor spring of vehicle safety-belts.

This Standard is applicable to the manufacture of precision steel strip for retractor spring of vehicle safety-belts (hereinafter referred to as steel strip); and other similar uses can also refer to this Standard.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) is applicable to this document.

GB/T 224 Determination of the Depth of Decarburization of Steels

GB/T 228.1 Metallic Materials - Tensile Testing - Part 1: Method of Test at Room Temperature

GB/T 247 General Rule of Package, Mark and Certification for Steel Plates and Strips

GB/T 2975 Steel and Steel Products - Location and Preparation of Test Pieces for Mechanical Testing

GB/T 4340.1 Metallic Materials - Vickers Hardness Test - Part 1: Test Method

GB/T 17505 Steel and Steel Products - General Technical Delivery Requirements

YB/T 081 Rule for Rounding off of Numerical Values and Judgement of Testing Values for Technical Standards of Metallurgy

3 Classification and Labelling

3.1 Classification

7 Test Methods

7.1 The chemical composition of the steel strip is usually accepted by checking the original quality certificate of the steel mill.

7.2 The inspection items and test methods of the steel strip shall comply with the provisions of Table 6.

7.3 The thickness of the steel strip shall be measured by a micrometer with an accuracy of 0.001 mm; and the thickness shall be measured at the center of the width of the steel strip.

7.4 The width of the steel strip shall be measured by a caliper with an accuracy of 0.01 mm.

7.5 During the tensile test of the steel strip, the width of the specimen shall be equal to the width of the steel strip; and shall be taken along the rolling direction of the steel strip.

8 Inspection Rules

8.1 The quality of the steel strip shall be checked and accepted by the quality inspection department of the supplier.

8.2 The steel strip shall be accepted in batches. Each batch shall be composed of individually packaged steel strips with the same designation and specification.

8.3 The sampling quantity, sampling location and sampling method of the steel strip shall comply with the provisions of Table 6.

8.4 The reinspection and judging rules of the steel strip shall comply with the provisions of GB/T 17505.

8.5 The rounding-off rules of numerical values shall comply with the provisions of YB/T 081.

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----