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CCS G42



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

GB/T 12730-2018

Replacing GB/T 12730-2008

Narrow V-belt for general drive

一般传动用窄V带

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 12730-2008 "Narrow V-belt for general transmission". Compared with GB/T 12730-2008, except for editorial repair The main technical changes changed are as follows:

--- Revised the requirements for dimensional performance and test methods (see 5.2, 6.1, 6.1 of the.2008 edition);

--- Removed the requirements and test methods for the bond strength of the cord in physical properties (see 5.2, 6.3 of the.2008 edition);

--- Revised the requirements for fatigue performance and test methods (see 5.4, Appendix B, 5.3,

6.5 of the.2008 edition). This standard was proposed by the China Petroleum and Chemical Industry Federation. This standard is under the jurisdiction of the National Technical Committee on Pulley and Belt Standardization Technical Committee (SAC/TC428/SC3). This standard was drafted. Maanshan Ruisheng Industry and Trade Co., Ltd., Zhejiang 3D Rubber Products Co., Ltd., Sanlux Co., Ltd. Division, Ningbo Kaichi Tape Co., Ltd., Shaoxing Keqiao Shuanghua Tape Co., Ltd., Qingdao Product Quality Inspection Technology Research Institute. The main drafters of this standard. Zhu Shusheng, Liu Zhigang, Liu Youliang, Shi Shuixiang, Ying Jianli, Sun Guohua, Sun Yanni. The previous versions of the standards replaced by this standard are.

---GB/T 12730-1991, GB/T 12730-2002, GB/T 12730-2008. General transmission narrow V-belt

1 Scope

GB/T 12730-2018 is the Chinese national standard on narrow v-belt for general drive, in the field of mechanical systems and components. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a

tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 14 May 2018 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2018. Classification: ICS 21.220.10, CCS G42. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the structure, type and marking, requirements, test methods and inspections of narrow V-belts for general transmission (hereinafter referred to as "narrow V-belts"). Rules and signs, labels, packaging, storage and shipping. This standard is applicable to high-speed and high-power mechanical transmission belts, and is also applicable to general power transmission belts.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 3686 belt drive V-belt and V-ribbed belt tensile strength and elongation test method

GB/T 11544 belt drive ordinary V-belt and narrow V-belt size (base width system) Test method for interlayer adhesion strength of HG/T 3864 V belt

3 Structure

The narrow V-belt is divided into two types according to the structure. a narrow V-belt and a narrow V-belt. The narrow V-belt is divided into a narrow V-cut. The belt has a narrow V-belt with a toothed edge and a narrow V-belt with a bottom rubber clip. The narrow V-belt is composed of a cloth, a top cloth, a top rubber, a buffer rubber, a tensile body, a primer, a bottom rubber cloth, a base cloth, and the like (see Fig. 1).

a) Narrowed V-belt

b) Normally cut narrow V-belt

c) toothed cut narrow V-belt

d) bottom rubber cloth cut narrow V-belt Description. 1

---buffer glue; 5

---resistance; 6

---backing cloth; 8

---Bottom adhesive cloth. Figure