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

GB/T 16762-2020

Replacing GB/T 16762-2009

**Characteristics and specifications of steel wire rope slings for
general purposes**

一般用途钢丝绳吊索特性和技术条件

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 Standardization Guidelines Part 1: Structure and Drafting Rules of Standardization Documents Drafting: This document replaces GB/T 16762-2009 "General Purpose Wire Rope Sling Characteristics and Technical Conditions": Compared with GB/T 16762-2009, the main technical changes of this document are as follows:

- Increased the scope of application to wire ropes (see Chapter 1, Chapter 1 of the:2009 edition);
- Modified the term definition of "rated working load" (see 3:2, 3:2 of the:2009 edition);
- Added the definition of the term "strap" (see 3:5);
- Modified the definition of "nominal length" (see 3:8, 3:7 of the:2009 edition);
- Modified the order content (see Chapter 4, 5:2 of the:2009 edition);
- Modified the technical requirements for compressed joints (see 5:1:2:1, 4:1:2:1 of the:2009 edition);
- Modified the technical requirements for end fittings (see 5:1:3, 4:1:3 of the:2009 edition);
- Modified the technical requirements for hard buckles (see 5:1:5, 4:1:5 of the:2009 edition);
- Modified the selection requirements for single-limb sling types (see 5:2:1, 4:2:1 of the:2009 edition);
- Modified the allowable deviation of the single-limb sling length (see 5:2:2, 4:2:2 of the:2009 edition);
- Modified the structure of the multi-limb assembly sling (see 5:3:1, 4:3:1 of the:2009 edition);
- Deleted the provisions of the rated working load of aluminum alloy pressed and assembled slings (4:3:4 of the:2009 edition);
- Deleted the provision for the rated working load of the plug-in assembly sling (2009

version 4:3:5);

1 Scope

GB/T 16762-2020 is the Chinese national standard on characteristics and specifications of steel wire rope slings for general purposes, in the field of metallurgy. 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 December 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2021. Classification: ICS 77.140.65, CCS H49. 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 document specifies the terms and definitions, order content, technical requirements, inspection methods, inspection rules, packaging, and Quality certificate, transportation and storage: This document is applicable to single-limb slings and multi-limb assembly slings, and the single-layer circle with a diameter of not more than 150mm in the selection of steel wire rope product standards: Sling made of strand fiber core or steel core steel wire rope (hereinafter referred to as "sling"):

2 Heavy-duty collar for steel wire rope

GB/T 6946 Steel wire rope aluminum alloy pressed joint

GB/T 8918 Wire Rope for Important Use

GB/T 9944 stainless steel wire rope

GB/T 14736 Technical conditions for the use of lifting rings for port handling

GB/T 16271 Wire rope sling insert braided buckle

GB/T 20067 thick diameter wire rope

GB/T 20118 General technical conditions for steel wire ropes

GB/T 25854 D-shaped and bow-shaped forged shackles for general lifting

GB/T 30589 Steel wire rope end sleeve pressing rigging

GB/T 34198 Crane wire rope CB/T

33 Rigging collar YB/T 4507 Wire rope sling tensile test method YB/T 4536-2016 Rigging terms and classification

3 Terms and definitions

The following terms and definitions defined in YB/T 4536-2016 apply to this document: 3:

1 Wire ropes slings for general purpose It is composed of single-limb or multi-limb wire rope slings and accessories, and is suitable for lifting slings with wire rope as the main body for various purposes: 3:

2 Rated working load working load limit The maximum load allowed by the specific hanging method of the spreader under the general conditions of use: