



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

GB/T 30026-2021

**Round steel short link chains for lifting purposes - Fine
tolerance hoist chains for hand operated chain hoists - Grade
TH**

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Foreword

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

Drafting.

This document replaces GB/T 30026-2013 "Short Link Chain for Lifting, TH Grade Manual Chain Hoist with High Precision Chain", and

Compared with GB/T 30026-2013, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

---Modified the definition of standard measurement length (see 3.1, 3.1 in the.2013 edition);

---Modified the size (see Chapter 5, Chapter 5 of the.2013 edition);

---Modified the material and manufacturing (see Chapter 6, Chapter 6 of the.2013 edition);

---Modified the safety requirements verification (see Chapter 7, Chapter 7 of the.2013 edition);

---Modified the assembly and use of the chain on the gourd (see Chapter 10, Chapter 10 of the.2013 edition);

--- Amended Appendix A (see Appendix A, Appendix A of the.2013 edition).

This document is equivalent to ISO 16877.2015 "High Precision Chain TH Class for Steel Short Link Chain Manual Chain Hoist for Lifting".

The Chinese documents that have consistent correspondence with the normatively cited international documents in this document are as follows.

---GB/T 229-2020 Charpy pendulum impact test method for metallic materials (ISO 148-1.2016, MOD)

---GB/T 4340.1-2009 Vickers hardness test of metallic materials Part 1. Test method (ISO 6507-1.2005, MOD)

---GB/T 16825.1-2008 Inspection of static uniaxial testing machine Part 1. Tensile and (or) pressure testing machine force measuring system

Inspection and calibration (ISO 7500-1.2004, IDT)

---GB/T 19748-2019 Charpy V-notch pendulum impact test instrumental test method for metallic materials (ISO 14556.2015, MOD)

---GB/T 19764-2005 Priority Number and Priority Numbering Integer Value Series Selection Guide (ISO 497.1973, IDT)

---GB/T 20946-2007 General Rules for Acceptance of Short Link Chains for Lifting (ISO 1834.1999, IDT)

1 Scope

This document specifies the technical requirements for TH-level high-precision hoist chains (hereinafter referred to as hoist chains) for manual chain hoists. The chain is

The round steel short link chain that has been welded, heat treated and tested, and meets the general acceptance rules specified in ISO 1834.

Note 1. The letter "T" indicates the grade, which conforms to ISO 1834.

Note 2. The letter "H" indicates that this type of hoist chain is only suitable for manual hoists.

Note 3. ISO 4063 specifies the definition of resistance welding and flash butt welding.

This document is applicable to high-precision hoist chains with a nominal size of 3mm~13mm and an ambient temperature of -10 degrees C~200 degrees C.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this

document through normative references in the text. Among them, dated quotations

Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

This document.

ISO 148-1 Charpy Pendulum Impact Test of Metallic Materials Part 1. Test Method
(Metallic materials-Charpy

pendulum impact test-Part 1. Test method)

ISO 497 preferred number and preferred number of integer series selection guide
(Guide to the choice of series of preferred num-

bers and of series containing more rounded values of preferred numbers)

ISO 643 Steel-Micrographic determination of the apparent grain size of steel

apparent grain size)

ISO 1834 General Rules for Acceptance of Shortlink Chains for Lifting Purposes
(Shortlink chain for lifting purposes-General conditions of

acceptance)

ISO 6507-1 Vickers hardness test of metallic materials Part 1. Test method
(Metallic materials-Vickers

hardness test-Part 1. Test method)

ISO 7500-1 Verification of static uniaxial testing machine Part 1. Inspection and calibration
of force measurement system of tensile (or compression) testing machine

(Metallic materials-Verification of static uniaxial testing machines-Part 1. Tension/compression
testing machines-Verification and calibration of the force-measuring system)

ISO 14556 Steel Charpy V-Notch Pendulum Impact Test Instrumental Test Method
(Steel-Charpy V-notch

pendulum impact test-Instrumented test method)

3 Terms and definitions

The following terms and definitions defined by ISO 1834 apply to this document.

3.1

Standard gauge length

Based on the multi-pitch length of 11 links.