

ICS 77.140.60

CCS H44



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

GB/T 10560-2017

Replacing GB/T 10560-2008

Steels for welded round link chains for mines

矿用焊接圆环链用钢

Issued on: July 12, 2017

Implemented on: April 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

Foreword

1 Scope

About this edition

Classification and status

How a Chinese national standard is set out

About this English translation

Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 10560-2008 "Mine high strength circular chain steel", compared with GB/T 10560-2008 main changes as follows:

- modified the standard name;
- grade K (mine) suffix letter;
- increased 15CrNi6K, 20MnNiCrMo32K, 20NiCrMo33K, 23MnNiCrMo53K grades;
- modify the product delivery status, increase the delivery method can be fine;
- modified the mechanical properties of the relevant requirements;
- end of the hardenability test added 50mm and below the depth of the corresponding indicators; Acid leaching low - power organization to increase the premium grade steel index;
- to increase the steel non-metallic inclusions inspection project;
- increase the decarburization test inspection project. This standard is proposed by China Iron and Steel Industry Association. This standard is under the jurisdiction of the National Steel Standardization Technical Committee (SAC/TC183). The drafting unit of this standard. Shougang Corporation, Jiangyin Xingcheng Special Steel Co., Ltd., Metallurgical Industry Information Standards Institute. The main drafters of this standard. Xiong Hua Bing, Xu Xiaohong, Shi Li, Wang Yujie, Bao Xuejun, Liu Baoshi, Chen Tao. This standard replaced the previous version of the standard release. GB/T 10560-1989, GB/T 10560-2008. Mine welded ring chain steel

1 Scope

GB/T 10560-2017 is the Chinese national standard on steels for welded round link chains

for mines, 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 12 July 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 April 2018. Classification: ICS 77.140.60, CCS H44. 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 order, size, shape, weight and allowable deviation, technical requirements, test methods, Inspection rules, packaging, signs and quality certificates. This standard applies to the manufacture of coal scraper conveyor, plow coal mine welding round bar with round steel (hot rolled round steel, cold drawn round bar) and wire rod (Or coil).

2 Normative reference documents

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

GB/T 222 Determination of chemical composition of finished steel Iron and steel - Determination of manganese content - Potentiometric titration or visual titration

GB/T 223.5 Determination of silicon and total silicon content of iron and silicon in steel - Reduced molybdosilicate spectrophotometric method

GB/T 223.8 Methods for chemical analysis of iron, steel and alloy - Sodium fluoride separation - EDTA titration method for the determination of aluminum content Steel and alloys - Determination of aluminum content - Chromazu S spectrophotometric method GB/T Steel and alloys - Determination of chromium content - Visual titration or potentiometric titration

GB/T 223.12 Methods for chemical analysis of iron, steel and alloy - Sodium carbonate separation - Diphenylcarbazide spectrophotometric method for the determination of chromium content

GB/T 223.13 Methods for chemical analysis of iron, steel and alloy ferrous ammonium titanate determination of vanadium content

GB/T 223.14 Methods for chemical analysis of iron, steel and alloy - The tantalum reagent extraction spectrophotometric method for the determination of vanadium content

GB/T 223.18 Methods for chemical analysis of iron, steel and alloy - Sodium thiosulfate

separation - iodometric method for the determination of copper content

GB/T 223.19 Methods for chemical analysis of iron, steel and alloy The new sub-copper spirit-chloroform extraction spectrophotometric method for the determination of copper content Iron and steel - Determination of nickel content - Butadiene oxime spectrophotometric method GB/T

GB/T 223.25 Methods for chemical analysis of iron, steel and alloy - The dibutyl ketoxime gravimetric method for the determination of nickel content Iron and steel - Determination of molybdenum content - Thiocyanate spectrophotometric method GB/T

GB/T 223.36 Methods for chemical analysis of iron, steel and alloy - Distillation separation - Neutralization titration for the determination of nitrogen content

GB/T 223.37 Methods for chemical analysis of iron, steel and alloy - Distillation separation - indophenol blue photometric method for the determination of nitrogen content

GB/T 223.53 Methods for chemical analysis of iron, steel and alloy - The flame atomic absorption spectrophotometric method for the determination of copper content

GB/T 223.54 Methods for chemical analysis of iron, steel and alloy - The flame atomic absorption spectrophotometric method for the determination of nickel content