

ICS 21.220.30

CCS J81



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

GB/T 12718-2009

Replacing GB/T 12718-2001

High-tensile steel chains (round link) for mining

矿用高强度圆环链

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Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This standard corresponds to ISO 610.1990 "scraper conveyors and coal plows with high-intensity ring chain" (in English), this Standard with ISO 610. 1990 non-equivalent. This standard replaces GB/T 12718-2001 "Mining High Strength Ring Chain." This standard compared with GB/T 12718-2001 main changes are as follows:

- Adjust the tag content representation method (see 4.4);
 - Deleting the expression "when less than 30,000 times, the unit may not be the specimen fracture," the [2001 version 5.7.3c)];
 - Increased the sample position to make long chain sample requirements (see 6.2);
 - Increasing the technical requirements of the test device (see 7.1); You do not need to pull off a predetermined ring chain (see 7.3.3) when
 - Added experimental data processing requirements (see 7.8);
 - Clear surface quality inspection and dimensional inspection of substandard type classification (see 8.5.1,8.5.2);
 - Increase the inspection process anomalies approach made provision (see 8.7).
- Appendix C of this standard is a normative appendix, Appendix A, Appendix B is an informative annex. This standard is proposed and managed by the China Coal Industry Association. This standard is drafted by: Taiyuan Institute of Coal Research Institute. Participated in the drafting of this standard. Ningxia World Benniu Industrial Group Co., Ltd., China Coal Zhangjiakou Coal Mining Machinery Co., Ltd. The main drafters of this standard. Liu wind and thunder, Shi Lan, Zhuangzhan Bin, Han Junling, Cai Yuping, Huang Po, Wang Qing Yuan. This standard replaces the standards previously issued as follows:
- GB/T 12718-1991, GB/T 12718-2001. Mine high-intensity ring chain

1 Scope

GB/T 12718-2009 is the Chinese national standard on high-tensile steel chains (round link) for mining, 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 30 October 2009 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 2010.

Classification: ICS 21.220.30, CCS J81. 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 mining high-intensity ring chain (hereinafter referred to as ring chain) terms and definitions, type size, technical requirements, test methods, Inspection rules and signs, packaging, transportation and storage. This standard applies to coal mine scraper conveyor, scraper loader, roadheader, coal plows, shearer and other mechanical traction Chain, does not apply for the lifting chain and chain suspension.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 702 hot-rolled steel bars - Dimensions, shape, weight and tolerances (GB/T 702-2008,

ISO 1035-1 ~ 1035-4. 1980, MOD)

GB/T 905 cold-drawn round, square, hexagonal size, shape, weight and tolerances (GB/T 905-1994, neq ISO 286- 1. 1988)

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Program (ISO 2859-1.1999, IDT)

GB/T 2829-2002 periodic inspection Sampling procedures and tables (suitable for process stability test) GB/T 3077 alloy steel

GB/T 3078 quality structural steel cold drawn

GB/T 3159 hydraulic universal testing machine

GB/T 8170 repair value expressed about the rules and limit values \u200b\u200band judgment

GB/T 10111 random number generation and its application in product quality sampling in

3 Terms and Definitions

The following terms and definitions apply to this standard. 3.1

3.2 In the tensile test the finished chain can withstand the maximum load.

3.3 To test the finished chain, under no circumstances exceed the specified elongation should be able to withstand the specified load.

3.4 Record the measured length or strain gage installation, the load required by the chain tensioner.