

ICS 77.140.70
CCS H 44



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

GB/T 6482-2007

Replacing GB/T 6482-1994

Thread extension steel bars for rock drilling

凿岩用螺纹连接钎杆

(English Translation)

Issued on: October 25, 2007

Implemented on: April 1, 2008

Issued by: Standardization Administration of China

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Foreword

This standard and ISO 10207:1991 "Rock Drilling --- impact drilling with a nominal size of 22mm to 38mm thread solder wave with "and ISO 10208:1991" Rock Drilling --- threaded left-handed wave "of non-equivalent, the main differences are as follows.

--- Increasing the corresponding code, the relevant dimensions, symbols and diagrams trapezoidal thread.

--- Combined with China's actual situation, given Rod Classification and designation.

--- Adjust the length of the drill rod basic dimensions and tolerances range.

--- Provisions of the drill rod and coupling sleeve surface heat treatment hardness range.

This standard replaces GB/T 6482-1994 "rock waveform threaded drill rod." this standard and GB/T 6482-1994 compared to the main changes are as follows.

--- Changed the name of the standard, the original standard "rock drill rod threaded connection with a waveform" with "rock drill rod screwed."

--- Increase the definition of "thread Rod" in.

--- The "drift Drill Rod" to "Drill Rig Rod."

--- Cancel the definition of "Relay Rod," no longer will be included free relay Rod Rod Classification and designation.

--- Increasing the "order content" of the relevant provisions.

--- Changed the suspension set desktop connection symbol, the original standard LJT to LJZ.

--- Changed the hexagonal hollow steel nominal symbols edge distance, the original standard B to H.

--- Increasing the relative size of the trapezoidal thread, symbols and drawings.

--- Adjust the shape, dimensions and tolerances of the content part of the chart, the original

standard of 14 maps, six tables, adjusted to FIG. 18, 4 tables.

The standard proposed by China Iron and Steel Association.

This standard is under the jurisdiction of the National Steel Standardization Technical Committee.

This standard was drafted. Guiyang Special Steel Co., Ltd., Steel Research Institute, Guizhou three of the Group's Industrial Co., Ltd., Changsha Mining and Metallurgy Institute of Metallurgical Industry Information Standards Institute.

Drafters of this standard. Long Qian, Tianqiao Li, Li Bing, Ganhai Ren, Zhang Chunhong, Jane Du Li, Wang Chou-seng, Dong Xin industry.

This standard replaces the standards previously issued as follows.

GB/T 6482-1986, GB/T 6482-1994.

Drilling is threaded drill rod

1 Scope

This standard specifies the rock drill rod threaded connection, sets terms and definitions, order contents, symbols, classification code, shape, size and Tolerance, technical requirements, test methods, inspection rules, packaging, labeling, transportation, storage and so on.

This standard applies to a diameter of 22mm ~ 51mm of rock drill rod and connector cover with a threaded connection waveform and trapezoidal threads.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent all amendments (not including errata content) or revisions do not apply to this standard, however, encourage an agreement in accordance with this standard Whether the parties can study the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 230.1 Metallic Rockwell hardness test - Part 1. Test methods (A, B, C, D, E, F, G, H, K, N, T scale) (GB/T 230.1-2004, ISO 6508-1-1999, MOD) GB/T 1301 rock drill rod hollow steel GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (GB/T 2828.1-2003, ISO 2859-1:1999, IDT) GB/T 6481 drilling with a hollow hexagonal drill rod taper connection

3 Terms and Definitions

The following terms and definitions apply to this standard.

Rod waveform using one or both ends or trapezoidal thread screw, solder drill rod rock group by a threaded connection combination.

Both ends of the threaded connection, thread nominal diameter equal to the nominal diameter of the hollow steel rod body or on the side away from the threaded drill rod.

Both ends of the threaded connection, thread nominal diameter greater than the nominal diameter of the hollow steel rod body or on the side away from the threaded drill rod.

Both ends of the thread different nominal diameters greater than or equal to one end, the other end of the hollow steel rod body is equal to or less than the nominal diameter of the screw or edge distance Grain drill rod.

One end of the internal thread, the other end is threaded drill rod external thread.

Rod solder shoulder shank end is the other end of the threaded rod hexagonal body.