

ICS 53.020.30

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

GB/T 10051.8-2010

Lifting hooks -- Part 8: Blanks of cross pieces for hooks

起重吊钩 第8部分：吊钩横梁毛坯件

(English Translation)

Issued on: January 10, 2011

Implemented on: September 1, 2011

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

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Foreword

GB/T 10051 "crampon" is divided into the following sections.

- Part 1. mechanical properties, lifting, stress and materials;
- Part 2. Forged hook technical conditions;
- Part 3. Forged hook in check;
- Part 4. shank hook with blank;
- Part 5. Shank hooks;
- Part 6. straight double hook shank blank;
- Part 7. straight double hook shank;
- Part 8. hook beam blank;
- Part 9. hook beam;
- Part 10. hook nut;
- Part 11. hook nut locking plate;
- Part 12. Hook locking means;
- Part 13. Laminated hook technical conditions;
- Part 14. Laminated hook in check;
- Part 15. Laminated single hook.

This section GB/T 10051 Part 8.

The partial modification using DIN15412-1. 1983 "means lifting pulley block beam blank."
According to this section DIN15412-1. redrafted 1983.

Taking into account China's national conditions, the use DIN15412-1. 1983 when modified,

these technical differences identified in it a single vertical line. They were involved in the margins, given the technical reasons for differences and their list in Appendix A for reference.

For ease of use, this section also made the following editorial changes.

--- "This standard" be replaced by "this section";

--- With a decimal point "." Instead of a comma as the decimal point "," Appendix A of this section is an informative annex.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee crane (SAC/TC227) centralized.

This section is responsible for drafting unit. Taiyuan Heavy Machinery Group Co., Ltd.

Participated in the drafting of this section. Beijing Materials Handling Design and Research Institute.

1 Scope

GB/T 10051 provisions of this part of the type and size of the hook beam blanks, technical requirements, test methods, inspection rules and standard Chi, packaging.

This section applies to forging, free forging and rolling straight shank hook beam blanks (hereinafter referred to as beam blanks).

2 Normative references

The following documents contain provisions which, through reference GB/T 10051 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 223 steel and alloy chemical analysis method GB/T 228 metal materials at room temperature tensile test method (GB/T 228-2002, eqvISO 6892.1998) GB/T 229 metal Charpy pendulum impact test method (GB/T 229-2007, ISO 148-1:2006, MOD) GB/T 10051.1-2010 crampoms - Part 1. mechanical properties, lifting, stress and materials Part of GB/T 10051.9-2010 lifting hooks 9. hook beam GB/T 12362 pieces of steel forging tolerances and machining allowances GB/T 13384 mechanical and electrical products packaging General technical conditions GB/T 20066 Steel and iron - Sampling and determination of the chemical composition of the sample with a sample preparation method (GB/T 20066-2006, ISO 14284).

1996, IDT)

JB/T 5000.15-2007 Heavy mechanical general techniques and non-destructive testing of steel forgings

3 Beam blanks intensity level

According to the mechanical properties of beam intensity is divided into five grades, that matches your crampon a high intensity level, see GB/T 10051.1-

2010 Chapter 3 in Table 1.

4 Type and size

Type 4.1

Beam blanks according to different molding divided into the following three.

a) forging beam blank. Usually used in the manufacture GB/T 10051.9-2010 5.1.1 Type A. Hook No. 006 ~ 1, B type. Hook no. 1.6 to 16, and C. 2.5 to hook No. 40 beams;

b) free forging and rolling beam blank. Usually used in the manufacture GB/T 10051.9-2010 5.1.1 Type C. hook number 2.5 ~ 250 and hook means having a hook nut locking plate beams.