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

GB/T 10051.15-2010

Lifting hooks - Part 15: Laminated hooks with point

起重吊钩 第15部分：叠片式单钩

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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;

1 Scope

GB/T 10051.15-2010 is the Chinese national standard on lifting hooks - part 15: laminated hooks with point, in the field of materials handling equipment. 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 10 January 2011 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 September 2011. Classification: ICS 53.020.30, CCS J80. 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 section GB/T 10051 specifies the laminated single hook from the weight of the main dimensions, technical requirements and inspection rules. This section applies to crane lifting the molten metal (ladle) of laminated single hook (hereinafter referred to as single-hook).

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 699 high-quality carbon structural steel

GB/T 700 carbon structural steel (GB/T 700-2006, ISO 630.1995, NEQ)

GB/T 985.1 gas welding, arc welding, gas welding and beam welding Recommended groove (GB/T 985.1-2008, ISO 9692.2003, MOD)

GB/T 1591 high strength low alloy structural steel

GB/T 10051.13-2010 crampons - Part 13. Laminated hook technical conditions

GB/T 10051.14 crampons - Part 14. Laminated hook in check

3 From the weight and main dimensions

3.1 Single hook from the weight and main dimensions shown in Figure 1 and Table 1.

3.2 tag example From the weight of 63t, the cavity diameter $D = 320\text{mm}$ hook single hook. Single hook 63 x 320 GB/T 10051.15 4. Technical Requirements

4.1 The technical requirements according to the provisions of GB/T 10051.13-2010 in Chapter 3.

4.2 Single mechanical properties of the material should not be below the hook parts specified in Table 2.

4.3 welded hook plywood and plywood mouth fender fender anti-collision welded, weld

groove shall comply with GB/T 985.1 in.

5 Inspection Rules

According to GB/T provision of 10051.14.

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