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

GB/T 10051.12-2010

Lifting hooks -- Part 12: Safety latch for lifting hook

起重吊钩 第12部分：吊钩闭锁装置

(English Translation)

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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 12.

The partial modification using DIN15106. 1982 "Lifting hooks single hook mouth locking device." this section according to DIN15106. 1982 redrafted.

Taking into account China's national conditions, in the use of DIN15106. 1982 when modified, these technical differences are identified in the single vertical line 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

This section GB/T 10051 specifies the type and size, technical requirements, such as lifting hook locking device.

This section applies to hook No. 006 to 40 with lugs hook hook mouth locking device (hereinafter referred to as locking device).

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 700 carbon structural steel (GB/T 700-2006, ISO 630:1995, NEQ) GB/T 1804 General tolerances Tolerances for linear and angular dimensions without individual tolerance (GB/T 1804-2000, eqvISO 2768-1.

1989)

GB/T 4357 carbon spring steel wire

3 Type and size

Type 3.1

Locking device according to their structure is divided into the following two.

- a) A type. generally used for hook 006 to 8;
- b) B type. generally used for hook 10 to 40.

3.2.1 How to order

Locking device

Type. A, B

Hook Number. 006 - 40

3.2.2 Tag example

- a) the hook 006, the type of locking device A.

Latching device SA006 GB/T 10051.12

- b) the hook 16, the type of locking device B.

Latching device SB16 GB/T 10051.12

3.3 Types and dimensions

3.3.1

Blocking Device structure type shown in Figure 1 and Table 1.