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

GB/T 10051.11-2010

Lifting hooks -- Part 11: Securing plates for hook nuts

起重吊钩 第11部分：吊钩螺母防松板

(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 11.

The partial modification using DIN15414. 1983 "Lifting apparatus pulley block safety plate."
this section according to DIN15414. 1983 redrafted.

Taking into account China's national conditions, in the use of DIN15414. 1983 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 15001 specifies the shank hook nut locking plate type and size, technical requirements and inspection rules.

This section is intended to prevent the nut rotating hook nut locking plate (hereinafter referred to as the lock plate) to the hook 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, eqv ISO 2768-1.

1989)

3 Type and size

3.1

locking plate structure, dimensions shown in Figure 1 and Table 1.

figure 1

Table 1

Hook No.

h11

t2 L d13

Quality ~

67525610012 0.12

885,256,110 14.5 0.13 10,100,256,125 14.5 0.15 12,100,328,125 14.5 0.25 16 and
20,130,328,160 14.5 0.32