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

GB/T 24812-2009

**Forged steel lifting hooks with point and eye for use with steel
chains of grade 4**

4级链条用锻造环眼吊钩

(English Translation)

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Foreword

This standard is equivalent to using ISO 4779. 1986 "M (4) level chain with forged hook and eye" (in English).

This standard is equivalent translation ISO 4779. 1986.

For ease of use, this standard does the following editorial changes.

--- "This International Standard" be replaced by "this standard";

--- Instead of using the decimal point as a decimal point ", ". ";

--- Delete foreword international standards;

--- Other international standards referenced with the international standard has been adopted as the standard instead of the corresponding country.

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee crane (SAC/TC227) centralized.

This standard was drafted. Modern crane factory in Hangzhou, Hangzhou Wulin Machine Co., Ltd., Beijing Institute of lifting the transport machinery design Study hospital.

4 Chain forged hook and eye

1 Scope

This standard specifies four chains with forged steel hook and eye technical requirements.

Scope of this standard includes a series of line with GB/T 24814 stipulated four chains in strength and size relative to the main match specification.

2 Normative references the following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 6394-2002 Metal average grain size measurement method (ASTME112-96, MOD)
GB/T 20652 M (4), S (6) and T (8) chain hoists Welding Technology (GB/T 20652-2006, ISO 4778. 1981, IDT) GB/T 24814 Short link chain hoists lifting chain with four ordinary precision chain [GB/T 24814-2009, ISO 1835. 1980, Shortlinkchainforliftingpurposes-GradeM (4), non-calibrated, forchainslingsetc. , IDT]

3 Terms and Definitions the following terms and definitions apply to this standard.

WLL

In the general conditions, the hook is designed to withstand the maximum quality.

In a particular use conditions, the hook should bear the greatest quality.

According to the provisions of Chapter 9 of the test force is applied to the hook.

Tensile testing process, the carrying capacity of the hook lost most vigorously.

4 type and size

4.1 Dimensions

The main dimensions of the hook should meet the requirements in Table 1, with the chain hook size nominal size.

In addition, it should also meet the following requirements.

- a) hook hook tip should be less than the actual height of the BS hook opening size O (see Figure 1);
- b) size of the opening O hook should not exceed 95% of the actual crane hook cavity diameter D;
- c) as hook with locking device, it should be able to naturally reset after loading the

maximum diameter of the rod through the actual size of the opening O1, A broken line shown in FIG.

GB/T 24812-2009/ISO 4779. 1986