



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

GB/T 40534-2021

**Ships and marine technology - Loose gear of lifting appliances
on ships - Hooks**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

The translation method used in this document is equivalent to the ISO 16856.2013 "Ship and Marine Technology Marine Lifting Equipment Detachable Parts Crane

hook".

The Chinese documents that have consistent correspondence with the normatively cited international documents in this document are as follows.

---GB/T 4307-2005 Lifting hook terminology (ISO 1837.2003, IDT)

This document has made the following editorial changes.

---5.1.3 The content of paragraph 2 is moved to Table 2 as a footnote to the table;

---5.3.2 The expressions of "single defect" and "scattered defect" are changed to the form of listed items;

---Added numbers to the sub-pictures in Figure 1.

1 Scope

This document specifies the types and basic parameters, technical requirements, markings, storage and transportation, and use of hooks for detachable parts of marine lifting equipment.

Use and maintenance, etc.

This document applies to marine lifting equipment.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations

Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

This document.

ISO 1837 Lifting hooks-Nomenclature term (Liftinghooks-Nomenclature)

ISO 16855 General technical requirements for detachable parts of ship lifting equipment for ships and marine technology (Shipsandmarine

technology-Loosegearofliftingappliancesonships-Generalrequirements)

3 Terms and definitions

The terms and definitions defined by ISO 1837 and ISO 16855 are applicable to this document.

4.1.1 Straight Shank Single Hook (S Type)

For the shape and size of the straight shank single hook, see Appendix A, A.1.

4.1.2 Straight shank double hook (D type)

See A.2.for the shape and size of the double hook with straight shank.

4.1.3 C type hook (C type)

See A.3.for the shape and size of the C-shaped hook.

4.2 Other types (E type)

In addition to the commonly used hook types, the other hook types suitable for ship use in ISO 1837 are E type.