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

**GB/T 36884-2026**

Replacing GB/T 36884-2018

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**Ships and marine technology - Ship??s mooring and towing  
fittings - Recessed bitts (casting type)**

船舶与海洋技术 船舶系泊和拖带设备 舷内带缆桩（铸造型）

**(English Translation)**

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### Foreword

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

This document replaces GB/T 36884-2018 "Ships and Marine Technology - Mooring and Towing Equipment for Ships - Inboard Bollards (Cast)".

Compared with GB/T 36884-2018, the main technical changes in the revised standard (type) are as follows, except for structural adjustments and editorial modifications.

- a) The scope has been changed (see Chapter 1, Chapter 1 of the 2018 edition);
- b) The definition of the term "safe workload" has been changed (see 3.1, 2018 version 3.1);
- c) Appendix A has been amended to be normative (see Appendix A, Appendix A of the 2018 edition);

This document is equivalent to ISO 13799:2020 "Ships and Marine Technology - Mooring and towing equipment for ships - Inboard bollards (cast)" type)".

### 1 Scope

This document specifies the type, nominal dimensions, dimensions, and materials of inboard bollards (cast type) that meet normal towing requirements, as well as their structure. Manufacturing and marking requirements.

### 2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document. and mooring equipment) The following terms and definitions apply to this

document.

### **3.1 Safe working load**

The safe load limit (maximum permissible load) for mooring and towing equipment

### **4.1 Type**

Based on the size and strength of the material, inboard bollards (cast type) should be classified into the following 6 types.

- a) Type 75. Nominal size 850, casting material yield strength not less than 235 N/mm<sup>2</sup>;
- b) Type 110. Nominal size 850, casting material yield strength not less than 350 N/mm<sup>2</sup>;
- c) Type 135. Nominal size 850, yield strength of casting material not less than 430 N/mm<sup>2</sup>;
- d) Type 100. Nominal size 920, casting material yield strength not less than 235 N/mm<sup>2</sup>;
- e) Type 150. Nominal size 920, casting material yield strength not less than 350 N/mm<sup>2</sup>;
- f) Type 180. Nominal size 920, yield strength of casting material not less than 430 N/mm<sup>2</sup>.

### **4.2 Nominal Dimensions**

The nominal dimensions of the inboard bollard (cast type) are determined with reference to the outer diameter of the bollard, in millimeters (mm).

The nominal dimensions of the inboard bollards (cast type) are 850 and 920.

The specifications and parameters of the inboard bollards (cast type) shall conform to the provisions of Table 1, Table 2 and Figure 1.