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

GB/T 36884-2018

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

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 13799.2012 "ship and marine technology ship mooring and towing equipment inboard cable

Pile (casting type).

This standard has made the following editorial changes.

--- Added the informative Appendix NA to explain the mark.

This standard is proposed and managed by the National Ship Armor Standardization Technical Committee (SAC/TC129).

This standard was drafted. China Shipbuilding Industry Corporation 704 Institute.

1 Scope

This standard specifies the design, dimensions and technical requirements for in-situ bollards (casting type).

This standard applies to the design, manufacture and acceptance of inboard bollards (casting type).

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this

document.

IMOCircularMSC/Circ.1175 Ship Towing and Mooring Equipment Guide
(Guidance on shipboard towing and
mooring equipment)

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Safe working load safe working load; SWL

The maximum working load the cable is subjected to under normal operating conditions, in kilohertz (kN).

4.1 Type

Depending on the size and strength of the material, inboard bollards (casting type) can be divided into the following six types.

850-75. nominal size 850, casting material yield strength is not less than 235N/mm²;

850-110. nominal size 850, casting material yield strength is not less than 350N/mm²;

850-135. nominal size 850, casting material yield strength is not less than 430N/mm²;

920-100. nominal size 920, the yield strength of the casting material is not less than 235N/mm²;

920-150. nominal size 920, the casting material yield strength is not less than 350N/mm²;

920-180. Nominal size 920, casting material yield strength is not less than 430N/mm².

4.2 Nominal size

The in-line bollard (casting type) has nominal sizes of 850 and 920.

The nominal size of the in-line bollard (casting type) can be determined by reference to the outer diameter of the bollard in millimeters (mm).

5 specifications

The specifications and parameters of the in-line bollard (casting type) are shown in Table 1 and Figure 1.