

Inland navigation vessels – Flat bollards

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English Version

Inland navigation vessels - Flat bollards

Bateaux de navigation intérieure - Bittes plates

Fahrzeuge der Binnenschifffahrt - Flachpoller

This European Standard was approved by CEN on 14 November 2005.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Contents	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Dimensions	4
4 Material	5
5 Design	5
5.1 Type	5
5.2 Machining	5
5.3 Fastening	5
6 Designation	5
7 Marking	5
8 Manufacturer's certificate	6
Annex A (normative) Flat bollards made of cast steel	7
A.1 Material	7
A.2 Heat treatment	7
A.3 Dimensions of the cast steel	7
A.4 Fastening	7
Bibliography	8

Foreword

This document (EN 14965:2005) has been prepared by Technical Committee CEN/TC 15 “Inland navigation vessels”, the secretariat of which is held by DIN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.

Flat bollards have proven successful in push-towing.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies dimensions, material, design and designation of flat bollards used preferably for pushing vessels and for guiding ropes of coupling devices, e.g. according to EN ISO 6218, on push-tows.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*

ISO 8062, *Castings — System of dimensional tolerances and machining allowances*

3 Dimensions

For general tolerances for sheet steel, class c of ISO 2768-1 shall apply.

For general tolerances for cast steel, class CT 12 of ISO 8062 shall apply.

The design need not correspond to the design illustrated, compliance is only required with the main dimensions given in Table 1.

Dimensions in millimetres

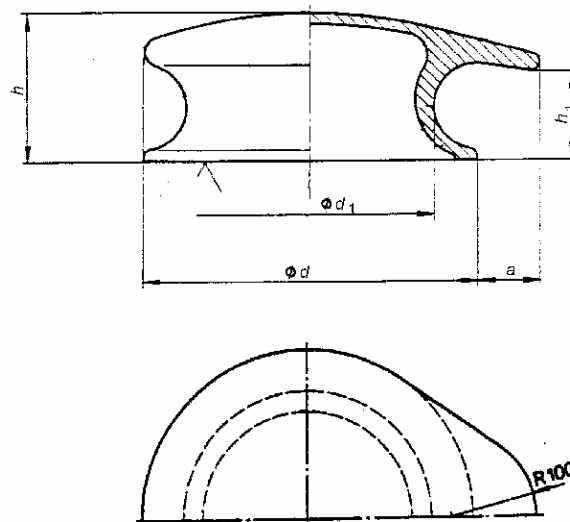


Table 1 — Main dimensions

h	d	a	d_1	h_1
175	400	75	300	115

Figure 1 — Flat bollard