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IRISH STANDARD

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**STEEL DRUMS – REMOVABLE HEAD (OPEN  
HEAD) DRUMS WITH A NOMINAL CAPACITY  
OF 15 L TO 62 L**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 13008**

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English version

**Steel drums - Removable head (open head) drums with a  
nominal capacity of 15 l to 62 l**

Fûts en acier - Tonnelets à ouverture totale d'une capacité  
nominale de 15 l à 62 l

Stahlfässer - Deckelfässer mit einem Nennvolumen von 15  
l bis 62 l

This European Standard was approved by CEN on 23 October 1999.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This European Standard has been prepared by Technical Committee CEN/TC 261 "Packaging", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2000, and conflicting national standards shall be withdrawn at the latest by June 2000.

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

This standard is one of a series of standards on steel drums of 17 l to 230 l and closures.

Efficient packaging is of great importance for the distribution and the protection of goods. Insufficient or inappropriate packaging can lead to damage or wastage of the contents of the package.

## 1. Scope

This European Standard specifies the characteristics and dimensions of removable head (open head) drums, manufactured from steel sheet, having a nominal capacity of 15 l to 62 l.

## 2. Normative references

This European Standard incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 10111:1998 Continuously hot-rolled low carbon steel sheet and strip for cold forming - Technical delivery conditions.

EN 10130+A1:1998 Cold rolled low carbon steel flat products for cold forming - Technical delivery conditions.

EN 10131:1991 Cold rolled uncoated low carbon and high yield strength steel flat products for cold forming - Tolerances on dimensions and shape.

EN ISO 90-2 : 1999 Light gauge metal containers - Definitions and determination of dimensions and capacities — Part 2: General use containers (ISO 90-2:1997).

## 3. Terms and definitions

For the purposes of this standard, the following terms and definitions apply.

### 3.1

#### **removable head (open head) drum (OH)**

cylindrical or tapered packaging made of steel, the bottom end of which is permanently fixed to the body and the top end of which can be removed as a lid and is closed by means of a closing ring, or alternatively, the top is a multi-lug cover which is closed by crimping to the body

### 3.2

#### **nominal capacity (NC)**

capacity in litres which, by convention, is used to represent a class of drums of similar brimful capacities

### 3.3

#### **brimful capacity (BC)**

volume of water in litres held by the drum when filled through the filling orifice to the point of overflowing

NOTE Annex A specifies the method for measuring brimful capacity.

### 3.4

#### **total capacity (TC)**

volume of water in litres held by the drum when filled completely, i.e. following the removal of any air trapped in the drum

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