

## **Screw cap closure systems for plastics containers with a nominal capacity of 20 l to 60 l**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12713:2000 sisaldab Euroopa standardi EN 12713:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 17.07.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12713:2000 consists of the English text of the European standard EN 12713:2000.</p> <p>This document is endorsed on 17.07.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This European Standard specifies the characteristics and dimensions of screw cap closure systems, i.e. for externally threaded containers only, for non-removable (tight head) drums, manufactured from plastics with a nominal capacity of 20 litres to 60 litres.</p>	<p><b>Scope:</b></p> <p>This European Standard specifies the characteristics and dimensions of screw cap closure systems, i.e. for externally threaded containers only, for non-removable (tight head) drums, manufactured from plastics with a nominal capacity of 20 litres to 60 litres.</p>
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ICS 55.140

Võtmesõnad:

**English version**

**Screw cap closure systems for plastic containers  
with a nominal capacity of 20 l to 60 l**

Fermetures à bouchon coiffant pour  
récipients en matières plastiques  
d'une capacité nominale de 20 l à 60 l

Schraubkappenverschlußsysteme für  
Kunststoffbehälter mit einem Nenn-  
volumen von 20 l bis 60 l

This European Standard was approved by CEN on 1999-11-26.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

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 July 2000, and conflicting national standards shall be withdrawn at the latest by July 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 plastics drums of 20 l to 225 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 screw cap closure systems, for externally threaded plastics containers with a nominal capacity of 20 l to 60 l.

## 2 Terms and definitions

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

### 2.1

#### **screw cap closure system (CCS)**

system of one or more components which enables an externally threaded container to be filled or emptied and then secured to provide a leakproof seal for subsequent transport or storage

NOTE Different examples are shown in Figure 1.

### 2.2

#### **screw cap**

device, provided with an internal thread, which closes an opening in a container

### 2.3

#### **neck**

that part of the container designed to receive the screw cap

### 2.4

#### **gasket (washer) or screw cap insert**

component which, under compression, facilitates a leakproof seal between the cap and the neck housing

### 2.5

#### **gasket sealing faces**

those areas of the screw cap or neck designed to contact the gasket and make the seal

### 2.6

#### **overcap/tamper evident rings**

cap or fitting attached to the cap which incorporates a facility for providing evidence of tampering