# SLOVENSKI STANDARD
# SIST EN 16065:2012

**01-marec-2012**

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**Embalaža - Toge plastične posode - PET-grla 30/25 L (16,8)**

Packaging - Rigid plastic containers - PET finish 30/25 Low (16,8)

Verpackung - Kunststoffbehältnisse - PET-Verschlussmundstück 30/25 L (16,8)

Emballage - Récipients en plastique rigide - Bague PET 30/25 L (16,8)



**Ta slovenski standard je istoveten z:** **EN 16065:2011**

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**ICS:**

55.100 Steklenice. Lonci. Kozarci Bottles. Pots. Jars

**SIST EN 16065:2012** **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN 16065

November 2011

ICS 55.100

English Version

# Packaging - Rigid plastic containers - PET finish 30/25 Low (16,8)

Emballage - Récipients en plastique rigide - Bague PET 30/25 Basse (16,8)

Verpackung - Kunststoffbehältnisse - PET-Verschlussmundstück 30/25 flach (16,8)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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## Foreword

This document (EN 16065:2011) 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of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

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## Introduction

This European Standard is based on CE.T.I.E. (International Technical Centre for Bottling and Packaging) data sheet GME 30.22 (2007) [1].

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 pack.

# 1 Scope

This European Standard specifies the dimensions and requirements of the 30 mm low screw finish with three (3) thread starts for flat waters and non-carbonated beverages.

This finish can be used for aseptic filling and filling with introduction of nitrogen. The dimension (16,8) is the height in millimetres from the top of finish to the bottom of the support ledge.

This finish is designed to take a tamper evident plastic closure only. During first opening, the tamper evident band will separate from the closure shell and stay on a one way bottle neck or like bottles in the returnable market, the tamper evident band will tear but will remain connected to the closure shell.

# 2 Dimensions

**2.1** The design and dimensions of the finish shall be as shown in Figure 1.

**2.2** Dimensions of the 3 thread starts 120° apart.

180° of full depth thread per lead

R 6,25 thread lead-in

R 6,25 thread run-out



Lead: 9 mm (travel per turn)

**2.3** General tolerance for others radii: ± 0,13 mm.



**2.4** Weight on height 16,8 mm: 3,73 g (density = 1,335).

# 3 Requirements

The following requirements apply.

— This finish is a top, side and inside seal finish. This finish shall be smooth and free of any defects that will contribute to leaks. Flash shall not exceed 0,13 mm per side, and shall not be continuous.

— On the blown bottle, the control diameter C shall be free of any defects up to 4 mm down for the internal bore and across the sealing surface of the finish.

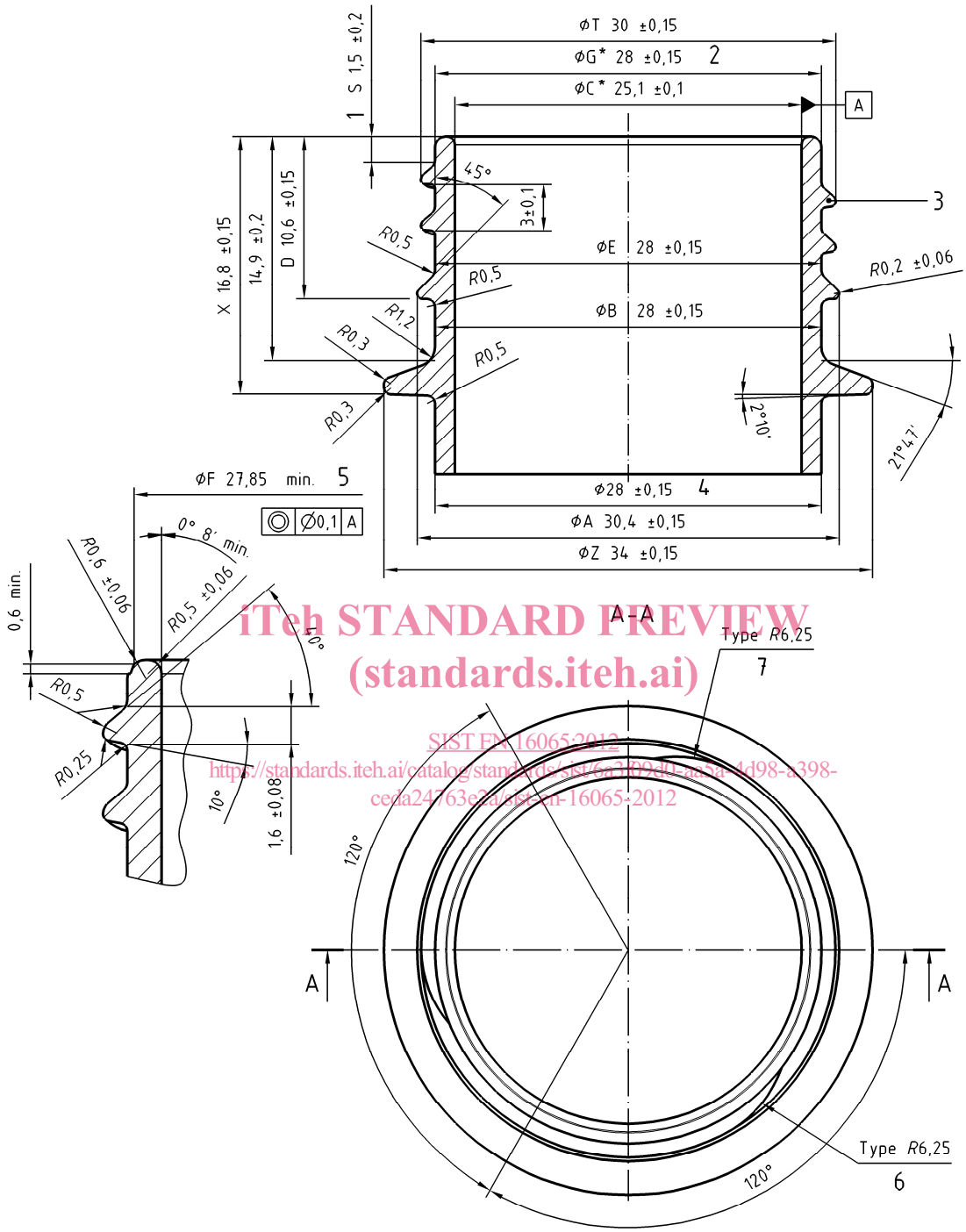
— Requirements for good closure application on finish:

- 0,13 mm max. out-of-parallel sealing surface with neck support ledge is allowed;
- an offset or vertical mismatch of thread is not to exceed 0,10 mm at the mould seam. Ø T dimension is not measured in the depressed area.

— Variations in Ø E are to follow uniformly those of Ø T.

— No overhang allowed at any point in 360° between Ø F and Ø G. A flash to 0,15 mm maximum step is allowable on one side only. Ø G does not exceed Ø E.

Dimensions in millimetres






**Key**

1 start thread
2 below parting line
3 thread starts 120° apart
4 straight
5 above parting line
6 thread lead-in
7 thread run-out

NOTE * = includes ovality.

**Figure 1 — Design and dimensions of the finish**