



# SLOVENSKI STANDARD

## SIST EN ISO 8015:2012

01-januar-2012

Nadomešča:  
SIST ISO 8015:1995

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### Specifikacija geometrijskih veličin izdelka - Osnove - Koncepti, načela in pravila (ISO 8015:2011)

Geometrical product specifications (GPS) - Fundamentals - Concepts, principles and rules (ISO 8015:2011)

Geometrische Produktspezifikation (GPS) - Grundlagen - Konzepte, Prinzipien und Regeln (ISO 8015:2011)

Spécification géométrique des produits (GPS) - Principes fondamentaux - Concepts, principes et règles (ISO 8015:2011)

Ta slovenski standard je istoveten z: **EN ISO 8015:2011**

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#### **ICS:**

01.100.20	Konstruktivske risbe	Mechanical engineering drawings
17.040.40	Specifikacija geometrijskih veličin izdelka (GPS)	Geometrical Product Specification (GPS)

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 8015**

June 2011

ICS 01.100.20

English Version

**Geometrical product specifications (GPS) - Fundamentals -  
Concepts, principles and rules (ISO 8015:2011)**

Spécification géométrique des produits (GPS) - Principes  
fondamentaux - Concepts, principes et règles (ISO  
8015:2011)

Geometrische Produktspezifikation (GPS) - Grundlagen -  
Konzepte, Prinzipien und Regeln (ISO 8015:2011)

This European Standard was approved by CEN on 18 May 2011.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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**Contents**

Page

Foreword.....3

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## Foreword

This document (EN ISO 8015:2011) has been prepared by Technical Committee ISO/TC 213 “Dimensional and geometrical product specifications and verification” in collaboration with Technical Committee CEN/TC 290 “Dimensional and geometrical product specification and verification” 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 December 2011, and conflicting national standards shall be withdrawn at the latest by December 2011.

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# INTERNATIONAL STANDARD

**ISO  
8015**

Second edition  
2011-06-01

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## **Geometrical product specifications (GPS) — Fundamentals — Concepts, principles and rules**

*Spécification géométrique des produits (GPS) — Principes  
fondamentaux — Concepts, principes et règles*

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## Contents

Page

Foreword .....	iv
Introduction.....	v
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	1
4 Fundamental assumptions for the reading of specifications on drawings.....	2
4.1 General .....	2
4.2 Functional limits .....	2
4.3 Tolerance limits .....	2
4.4 Workpiece functional level .....	2
5 Fundamental principles .....	2
5.1 Invocation principle.....	2
5.2 Principle of GPS standard hierarchy.....	3
5.3 Definitive drawing principle .....	3
5.4 Feature principle.....	4
5.5 Independency principle.....	4
5.6 Decimal principle.....	4
5.7 Default principle .....	4
5.8 Reference condition principle.....	5
5.9 Rigid workpiece principle.....	5
5.10 Duality principle.....	5
5.11 Functional control principle.....	5
5.12 General specification principle.....	6
5.13 Responsibility principle.....	6
6 Rules for indication of default specification operators.....	6
6.1 General .....	6
6.2 General ISO default GPS specification .....	6
6.3 Altered default GPS specification.....	7
7 Rules for indication of special specification operators .....	8
7.1 General .....	8
7.2 Added complementary information (requirements) to the ISO basic specification.....	8
8 Rules for statements in parentheses .....	8
Annex A (informative) Relation to the GPS matrix model.....	9
Bibliography.....	10

**ISO 8015:2011(E)****Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8015 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

This second edition cancels and replaces the first edition (ISO 8015:1985), which has been technically revised.

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## Introduction

This International Standard is a geometrical product specification (GPS) standard and is to be regarded as a fundamental GPS standard (see ISO/TR 14638). It influences all other standards in the GPS matrix system, i.e. all global, general and supplementary standards, as well as any other kind of document in the GPS matrix system.

For more detailed information of the relation of this International Standard to other standards and the GPS matrix model, see Annex A.

This International Standard covers a number of fundamental principles that apply to all GPS standards and technical product documentation that is based on the GPS matrix system. Until this current version of this International Standard was published, these principles were implied, but not formulated explicitly.

This International Standard also covers the indication of ISO default specification operators and particularly the indication of non-default specification operators, either by direct indication or by the use of company-specific or drawing-specific defaults.

For the purpose of this International Standard, a concept is considered as an abstract idea, a principle is considered as a standardized truth based on concepts upon which rules are based, and a rule is considered as a standardized procedure (for action).

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