

STN	Plasty. Stanovenie lineárnych rozmerov skúšobných telies (ISO 16012: 2015).	STN EN ISO 16012 64 0209
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Plastics - Determination of linear dimensions of test specimens (ISO 16012:2015)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/16

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Plastics - Determination of linear dimensions of test specimens (ISO 16012:2015)Plastiques - Détermination des dimensions linéaires
des éprouvettes (ISO 16012:2015)Kunststoffe - Bestimmung der linearen Maße von
Probekörpern (ISO 16012:2015)

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European foreword

The text of ISO 16012:2015 has been prepared by Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 16012:2015 by Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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Endorsement notice

The text of ISO 16012:2015 has been approved by CEN as EN ISO 16012:2015 without any modification.

**Plastics — Determination of linear
dimensions of test specimens**

Plastiques — Détermination des dimensions linéaires des éprouvettes





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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
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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.

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 61, *Plastics*, Subcommittee SC 2, *Mechanical properties*.

This second edition cancels and replaces the first edition (ISO 16012:2004), which has been technically revised. It also incorporates the Technical Corrigendum ISO 16012:2004/Cor.1:2005.

Plastics — Determination of linear dimensions of test specimens

1 Scope

This International Standard specifies measuring equipment and procedures for the determination of the linear dimensions of rigid plastics test specimens. It is applicable to test specimens described in ISO 20753 but can also be used for other test specimens, and to thicknesses typically in the range $0,4 \text{ mm} \leq h \leq 6,4 \text{ mm}$.

NOTE Determination of dimensions of test specimen made of semi-rigid materials ($70 \text{ MPa} \leq E \leq 700 \text{ MPa}$) can follow ISO 23529:2010^[1].

2 Normative references

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

ISO 291, *Plastics — Standard atmospheres for conditioning and testing*

ISO 463, *Geometrical Product Specifications (GPS) — Dimensional measuring equipment — Design and metrological characteristics of mechanical dial gauges*

ISO 3611, *Geometrical product specifications (GPS) — Dimensional measuring equipment: Micrometers for external measurements — Design and metrological characteristics*

ISO 3650, *Geometrical Product Specifications (GPS) — Length standards — Gauge blocks*

ISO 9493, *Geometrical product specifications (GPS) — Dimensional measuring equipment: Dial test indicators (lever type) — Design and metrological characteristics*

ISO 13102, *Geometrical product specifications (GPS) — Dimensional measuring equipment: Electronic digital-indicator gauge — Design and metrological characteristics*

ISO 13385-1, *Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 1: Callipers; Design and metrological characteristics*

ISO 20753, *Plastics — Test specimens*

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