



NSAI
Standards

Irish Standard
I.S. EN ISO 9493:2010

Geometrical product specifications (GPS) - Dimensional measuring equipment: Dial test indicators (lever type) - Design and metrological characteristics (ISO 9493:2010)

I.S. EN ISO 9493:2010

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

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English Version

**Geometrical product specifications (GPS) - Dimensional
measuring equipment: Dial test indicators (lever type) - Design
and metrological characteristics (ISO 9493:2010)**

Spécification géométrique des produits (GPS) -
Équipement de mesure dimensionnel: Comparateurs à
levier mécaniques - Caractéristiques de conception et
caractéristiques métrologiques (ISO 9493:2010)

Geometrische Produktspezifikation (GPS) -
Längenmessgeräte: Fühlhebelmessgeräte -
Konstruktionsmerkmale und messtechnische Merkmale
(ISO 9493:2010)

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Contents

Page

Foreword.....	3
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Foreword

This document (EN ISO 9493:2010) 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of an identical text or by endorsement, at the latest by May 2011, and conflicting national standards shall be withdrawn at the latest by May 2011.

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I.S. EN ISO 9493:2010
**INTERNATIONAL
STANDARD**

**ISO
9493**

First edition
2010-11-01

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

*Spécification géométrique des produits (GPS) — Équipement de
mesurage dimensionnel: Comparateurs à levier mécaniques —
Caractéristiques de conception et caractéristiques métrologiques*



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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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Contents

Page

Foreword	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Design characteristics	2
4.1 General design features.....	2
4.2 Type	2
4.3 Nomenclature.....	4
4.4 Dovetail mounting	4
4.5 Dial and pointer	5
4.6 Stylus	6
4.7 Zero adjustment.....	7
4.8 Design characteristics (manufacturer's specification).....	7
5 Metrological characteristics	7
5.1 Maximum permissible error (MPE) and maximum permissible limit (MPL) for a number of metrological characteristics.....	7
5.2 Stylus	8
5.3 Measuring forces	8
6 Proving of conformance with specification	8
6.1 General	8
6.2 Measurement standards for calibration of metrological characteristics	8
7 Marking.....	8
Annex A (informative) Examples of a diagram of errors of indication	9
Annex B (informative) Example of data sheet for dial test indicators	11
Annex C (informative) Calibration of metrological characteristics.....	13
Annex D (informative) Notes on use	15
Annex E (informative) Relation to the GPS matrix model.....	17
Bibliography.....	19

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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ISO 9493 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

Introduction

This International Standard is a geometrical product specification (GPS) standard and is to be regarded as a general GPS standard (see ISO/TR 14638). It influences the chain link 5 of the chains of standards on size, distance, form of a line independent of datum, form of a line dependent of datum, form of a surface independent of datum, form of a surface independent of datum, orientation, location, circular run-out and total run-out in the general GPS matrix.

When using this International Standard, see ISO 14978.

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

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