

DIN EN ISO 8015



ICS 17.040.30

Supersedes
DIN ISO 8015:1986-06

**Geometrical product specifications (GPS) –
Fundamentals –
Concepts, principles and rules (ISO 8015:2011)
English translation of DIN EN ISO 8015:2011-09**

Geometrische Produktspezifikation (GPS) –
Grundlagen –
Konzepte, Prinzipien und Regeln (ISO 8015:2011)
Englische Übersetzung von DIN EN ISO 8015:2011-09

Spécification géométrique des produits (GPS) –
Principes fondamentaux –
Concepts, principes et règles (ISO 8015:2011)
Traduction anglaise de DIN EN ISO 8015:2011-09

Document comprises 18 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

National foreword

This standard has been prepared by Technical Committee ISO/TC 213 “Dimensional and geometrical product specifications and verification” (Secretariat: DS, Denmark) in collaboration with Technical Committee CEN/TC 290 “Dimensional and geometrical product specification and verification” (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was the *Normenausschuss Technische Grundlagen* (Fundamental Technical Standards Committee), Working Committee NA 152-03-02 AA *CEN/ISO Geometrische Produktspezifikation und -prüfung*.

The DIN Standards corresponding to the International Standards and publications referred to in this document are as follows:

ISO 1	DIN EN ISO 1
ISO 1101	DIN EN ISO 1101
ISO 1302	DIN EN ISO 1302
ISO 2692	DIN EN ISO 2692
ISO 2768-1	DIN ISO 2768-1
ISO 7200	DIN EN ISO 7200
ISO 13715	DIN ISO 13715
ISO 14253-1	DIN EN ISO 14253-1
ISO 14253-2	DIN EN ISO 14253-2 ^{*)}
ISO 14405-1	DIN EN ISO 14405-1
ISO 14978	DIN EN ISO 14978
ISO 17450-1	DIN EN ISO 17450-1 ^{**)}
ISO 17450-2	DIN EN ISO 17450-2 ^{***)}
ISO/TR 14638	DIN V 32950
ISO/IEC Guide 98-3	DIN V ENV 13005
ISO/IEC Guide 99	VIM (D) ^{****)}

Amendments

This standard differs from DIN ISO 8015:1986-06 as follows:

- a) the standard has been technically revised.

Previous editions

DIN 2300: 1980-11
DIN ISO 8015: 1986-06

^{*)} To be published.

^{**)} To be published. (Revision of ISO/TS 17450-1:2005).

^{***)} To be published. (Revision of ISO/TS 17450-2:2002).

^{****)} Obtainable from: *Beuth Verlag GmbH, AuslandsNormen-Service (ANS)*, 10772 Berlin, ISBN 978-3-410-20070-3.

National Annex NA (informative)

Bibliography

DIN EN ISO 1, *Geometrical product specifications (GPS) — Standard reference temperature for geometrical product specifications and verification*

DIN EN ISO 1101, *Geometrical Product Specifications (GPS) — Geometrical tolerancing — Tolerances of form, orientation, location and run-out*

DIN EN ISO 1302, *Geometrical Product Specifications (GPS) — Indication of surface texture in technical product documentation*

DIN EN ISO 2692, *Geometrical product specifications (GPS) — Geometrical tolerancing — Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR)*

DIN EN ISO 7200, *Technical product documentation — Data fields in title blocks and document headers*

DIN EN ISO 14253-1, *Geometrical product specifications (GPS) — Inspection by measurement of workpieces and measuring equipment — Part 1: Decision rules for proving conformance or non-conformance with specifications*

DIN EN ISO 14253-2, *Geometrical product specifications (GPS) — Inspection by measurement of workpieces and measuring equipment — Part 2: Guidance for the estimation of uncertainty in GPS measurement, in calibration of measuring equipment and in product verification*

DIN EN ISO 14405-1, *Geometrical product specifications (GPS) — Dimensional tolerancing — Part 1: Linear Sizes*

DIN EN ISO 14978, *Geometrical product specifications (GPS) — General concepts and requirements for GPS measuring equipment*

DIN EN ISO 17450-1, *Geometrical product specifications (GPS) — General concepts — Part 1: Model for geometrical specification and verification*

DIN EN ISO 17450-2, *Geometrical product specifications (GPS) — General concepts — Part 2: Basic tenets, specifications, operators and uncertainties*

DIN ISO 2768-1, *General tolerances — Tolerances for linear and angular dimensions without individual tolerance indications*

DIN ISO 13715, *Technical drawings — Edges of undefined shape — Vocabulary and indication on drawings*

DIN V 32950, *Geometrical product specification (GPS) — Masterplan*

DIN V ENV 13005, *Guide to the expression of uncertainty in measurement*

VIM, *International vocabulary of metrology — Basic and general concepts and associated terms*

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