

DIN EN ISO 8062-3



ICS 17.040.30

Supersedes
DIN EN ISO 8062-3:2007-10

**Geometrical Product Specifications (GPS) –
Dimensional and geometrical tolerances for moulded parts –
Part 3: General dimensional and geometrical tolerances and machining
allowances for castings (ISO 8062-3:2007)
English version of DIN EN ISO 8062-3:2008-09**

Geometrische Produktspezifikationen (GPS) –
Maß-, Form- und Lagetoleranzen für Formteile –
Teil 3: Allgemeine Maß-, Form- und Lagetoleranzen und Bearbeitungszugaben für
Gussstücke (ISO 8062-3:2007)
Englische Fassung DIN EN ISO 8062-3:2008-09

Document comprises 38 pages



National foreword

This standard has been prepared by Technical Committee ISO/TC 213 “Dimensions and geometric product specification” in collaboration with Technical Committee CEN/TC 190 “Foundry technology” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Gießereiwesen* (Foundry Practice Standards Committee), Technical Committee GINA-AA-04 *Geometrische Produktspezifikation und Technische Lieferbedingungen*.

Users of this standard should take note of an error in ISO 8062-3:2007-06 (see Annex A, Table A.3, National footnote ^{N1}):

“N1) Correction — It shall read “Pressure die casting” instead of “investment casting” (an application for amendment has been submitted to ISO).”

DIN EN ISO 8062 consists of the following parts, under the general title *Geometrical product specifications (GPS) — Dimensional and geometrical tolerances for moulded parts*:

— *Part 1: Vocabulary*

— *Part 3: General dimensional and geometrical tolerances and machining allowances for castings*

Rules is to form the subject of a future Part 2 (Technical Specification).

Part 1 and Part 3 supersede DIN ISO 8062:1998-08 only in parts. Part 2 dealing with the remaining subjects of DIN ISO 8062:1998 in accordance with the state of the art will be prepared at a later date.

The DIN Standards corresponding to the International Standards referred to in clause 2 and in the Bibliography of the EN are as follows:

ISO 1101	DIN EN ISO 1101
ISO 1302	DIN EN ISO 1302
ISO 5459	DIN ISO 5459
ISO 8062-1	DIN EN ISO 8062-1
ISO 10135	DIN ISO 10135
ISO 10579-1	DIN ISO 10579

Amendments

This standard differs from DIN ISO 8062-3:1998-08 as follows:

- The standard consists of three parts (see foreword).
- The title has been modified.
- Geometrical tolerances have been integrated.
- The values specified in Table 2 have been brought into line with the state of the art (especially as regards large castings).
- The standard has been editorially revised.

Compared with DIN EN ISO 8062:2007-10, the following corrections have been made:

- In clause 2 “Normative references”, ISO 129-1 has been deleted, ISO 286-1 and ISO 14405 have been added.

- b) The correction in Annex C, subclause C.2, refers to the German version only.
- c) In subclause 5.2 on page 4, second sentence, the reference for casting tolerances has been changed from ISO 129-1 to ISO 286-1 and ISO 14405.
- d) The correction in Annex E, subclause E.4.1, refers to the German version only.

Previous editions

DIN ISO 8062: 1998-08

DIN EN ISO 8062: 2007-10

National Annex NA (informative)

Bibliography

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 8062-1, *Geometrical product specifications (GPS) — Dimensional and geometrical tolerances for moulded parts — Part 1: Vocabulary*

DIN ISO 5459, *Technical drawings — Geometrical tolerancing — Datums and datum-systems for geometrical tolerances*

DIN ISO 10135, *Technical drawings — Simplified representation of moulded, cast and forged parts*

DIN ISO 10579, *Technical drawings — Dimensioning and tolerancing — Non-rigid parts*

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English Version

Geometrical Product Specifications (GPS) - Dimensional and
geometrical tolerances for moulded parts - Part 3: General
dimensional and geometrical tolerances and machining
allowances for castings (ISO 8062-3:2007)

Spécification géométrique des produits (GPS) - Tolérances
dimensionnelles et géométriques des pièces moulées -
Partie 3: Tolérances dimensionnelles et géométriques
générales et surépaisseurs d'usinage pour les pièces
moulées (ISO 8062-3:2007)

Geometrische Produktspezifikation (GPS) - Maß-, Form-
und Lagetoleranzen für Formteile - Teil 3: Allgemeine Maß-,
Form- und Lagetoleranzen und Bearbeitungszugaben für
Gussstücke (ISO 8062-3:2007)

This European Standard was approved by CEN on 25 February 2007.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

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 Management Centre has the same status as the official versions.

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