



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 8062-3:2007

ICS 17.040.10

**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)**

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English version
Version Française
Deutsche Fassung

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/Cor 1:2009)

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/Cor 1:2009)

Geometrische Produktspezifikationen (GPS) - Maß-, Form- und Lagetoleranzen für Formteile - Teil 3: Allgemeine Maß-, Form- und Lagetoleranzen und Bearbeitungszugaben für Gussstücke (ISO 8062-3:2007/Cor 1:2009)

This corrigendum becomes effective on 11 March 2009 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 11 mars 2009 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 11. März 2009 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN ISO 8062-3:2007/AC:2009 (E) **I.S. EN ISO 8062-3:2007/AC 2009**

Endorsement notice

The text of ISO 8062-3:2007/Cor.1:2009 has been approved by CEN as a European Corrigendum without any modification.



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INTERNATIONAL STANDARD ISO 8062-3:2007
TECHNICAL CORRIGENDUM 1

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Geometrical product specifications (GPS) — Dimensional and geometrical tolerances for moulded parts —

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

TECHNICAL CORRIGENDUM 1

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

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 8062-3:2007 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

Page 2, Normative references

Replace the reference to ISO 10135:— with the following:

ISO 10135:2007, *Geometrical product specifications (GPS) — Drawing indications for moulded parts in technical product documentation (TPD)*

Delete the reference to Footnote 3) and the footnote “To be published. (Revision of ISO 10135:1994)”.

Renumber the reference to Footnote 4) and the footnote itself to Footnote 3).

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Page 13, Table A.3

In table footnote b, replace the words "investment castings" with "pressure die castings", to give the following:

Table A.3 — Geometrical casting tolerance grades

Method	Geometrical casting tolerance grade (GCTG) for casting material								
	Steel	Grey iron	S.G. iron	Malleable iron	Copper alloys	Zinc alloys	Light metal alloys	Nickel-based alloys	Cobalt-based alloys
Sand cast, hand moulding	6 to 8	5 to 7	5 to 7	5 to 7	5 to 7	5 to 7	5 to 7	6 to 8	6 to 8
Sand cast, machine moulding and shell moulding	5 to 7	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	5 to 7	5 to 7
Metallic permanent mould (except pressure die casting)	—	—	—	—	3 to 5	—	3 to 5	—	—
Pressure die casting ^b	—	—	—	—	2 to 4	2 to 4	2 to 4	—	—
Investment casting	a	3 to 5	3 to 5	3 to 5	3 to 5	2 to 4	3 to 5	a	a
<p>^a For investment castings, the following apply depending on the largest overall dimension:</p> <p>— ≤ 100 mm grade 4 to 6;</p> <p>— > 100 mm ≤ 400 mm grade 4 to 8;</p> <p>— > 400 mm grade 4 to 9.</p> <p>^b For pressure die castings, the following apply:</p> <p>— Grade GCTG 2: should only be used by special agreement;</p> <p>— Grade GCTG 3: ordinary castings without side sliders for the contour;</p> <p>— Grade GCTG 4: complex castings as well as castings with side sliders for the contour.</p>									

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