



INTERNATIONAL STANDARD ISO 8062-3:2007
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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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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> | | | | | | | | | |