

Irish Standard I.S. EN ISO 10135:2009

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

© NSAI 2009

No copying without NSAI permission except as permitted by copyright law.

Incorporating amendments/corrigenda issued since publication:		

This document replaces:

This document is based on: EN ISO 10135:2009 *Published:* 28 January, 2009

This document was published under the authority of the NSAI and comes into effect on: 4 March, 2009

ICS number: 01.100.20

NSAI

1 Swift Square, Northwood, Santry Dublin 9 T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie

W NSAl.ie

Sales: T +353 1 857 6730 F +353 1 857 6729

F +353 1 857 6729 W standards.ie

Price Code:

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN ISO 10135

NORME EUROPÉENNE EUROPÄISCHE NORM

January 2009

ICS 01.100.20

English Version

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

Spécification géométrique des produits (GPS) - Indications sur les dessins pour pièces moulées dans la documentation technique de produits (TPD) (ISO 10135:2007) Geometrische Produktspezifikation (GPS) -Zeichnungsangaben für Formteile in der technischen Produktdokumentation (TPD) (ISO 10135:2007)

This European Standard was approved by CEN on 4 January 2009.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

EN ISO 10135:2009 (E)

Contents	Page
Foreword	

EN ISO 10135:2009 (E)

Foreword

The text of ISO 10135:2007 has been prepared by Technical Committee ISO/TC 213 "Dimensional and geometrical product specifications and verification" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10135:2009 by Technical Committee CEN/TC 190 "Foundry technology" the secretariat of which is held by DIN.

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 July 2009, and conflicting national standards shall be withdrawn at the latest by July 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 10135:2007 has been approved by CEN as a EN ISO 10135:2009 without any modification.

This is a free page sample. Access the full version online.

I.S. EN ISO 10135:2009

This page is intentionally left BLANK.

This is a free page sample. Access the full version online.

I.S. EN ISO 10135:2009 INTERNATIONAL STANDARD

ISO 10135

Second edition 2007-11-15

Geometrical product specifications (GPS) — Drawing indications for moulded parts in technical product documentation (TPD)

Spécification géométrique des produits (GPS) — Indications sur les dessins pour pièces moulées dans la documentation technique de produits (TPD)



ISO 10135:2007(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

ISO 10135:2007(E)

Contents		Page
Forev	word	iv
Intro	duction	v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Letter Symbols	2
5	Line conventions	3
6 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 6.10 6.11 6.12 6.13 6.14 6.15	Drawing indications for moulded parts Parting surface Tool markings Special ejector markings identifier Mismatch Flash Extent of specification Draft angles Tool motion direction Part removal direction Surface enlargement Sinks Porosity Identification and marking Other necessary information Special indication for undisturbed surfaces	
7 7.1 7.2 7.3 7.4 7.5	Rules for linear and geometrical dimensioning and tolerancing	39 43 43
Anne	ex A (normative) Proportions and dimensions of graphical symbols	44
Anne	ex B (informative) Former practice (tapered features)	48
Anne	ex C (informative) Relation to the GPS matrix model	50
Biblio	ography	51

ISO 10135:2007(E)

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10135 was prepared by Technical Committee ISO/TC 213, Dimensional and geometrical product specifications and verification.

This second edition cancels and replaces the first edition (ISO 10135:1994), which has been technically revised.



This is a free preview	 Purchase the entire 	e publication at the link below:
------------------------	---	----------------------------------

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation