

SLOVENSKI STANDARD

SIST EN ISO 10360-6:2004/AC:2008

01-december-2008

Specifikacija geometrijskih veličin izdelka - Preskusi za sprejemljivost in ponovno overjanje koordinatnih merilnih strojev (KMS) - 6. del: Ocena napak pri računanju značilnosti Gaussove porazdelitve (ISO 10360-6:2001/Cor 1:2007)

Geometrical Product Specifications (GPS) - Acceptance and reverification tests for coordinate measuring machines (CMM) - Part 6: Estimation of errors in computing Gaussian associated features (ISO 10360-6:2001/Cor 1:2007)

Geometrische Produktspezifikation (GPS) - Annahmeprüfung und Bestätigungsprüfung für Koordinatenmessgeräte (KMG) - Teil 6: Abweichungsabschätzung beim Berechnen zugeordneter Geometrieelemente nach Gauß (ISO 10360-6:2001/Cor 1:2007)

Spécification géométrique des produits (GPS) - Essai de réception et de vérification périodique des machines à mesurer tridimensionnelles (MMT) - Partie 6: Estimation des erreurs dans le calcul des éléments associés Gaussiens (ISO 10360-6:2001/Cor 1:2007)

Ta slovenski standard je istoveten z: EN ISO 10360-6:2001/AC:2008

ICS:

17.040.30	Merila	Measuring instruments
17.040.40	Specifikacija geometrijskih veličin izdelka (GPS)	Geometrical Product Specification (GPS)

SIST EN ISO 10360-6:2004/AC:2008 en,fr,de

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[SIST EN ISO 10360-6:2004/AC:2008](https://standards.iteh.ai/catalog/standards/sist/447aa24b-7ac9-4722-a8a0-b8e71a8af41c/sist-en-iso-10360-6-2004-ac-2008)

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EUROPEAN STANDARD

EN ISO 10360-6:2001/AC

NORME EUROPÉENNE

September 2008

EUROPÄISCHE NORM

Septembre 2008

September 2008

ICS 17.040.30

English version
Version Française
Deutsche Fassung

Geometrical Product Specifications (GPS) - Acceptance and reverification tests for coordinate measuring machines (CMM) - Part 6: Estimation of errors in computing Gaussian associated features (ISO 10360-6:2001/Cor 1:2007)

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This corrigendum becomes effective on 17 September 2008 for incorporation in the three official language versions of the EN. [SIST EN ISO 10360-6:2004/AC:2008](https://standards.iteh.ai/catalog/standards/sist/447aa24b-7ac9-4722-a8a0-b8e71a8af41c/sist-en-iso-10360-6-2004-ac-2008)

Ce corrigendum prendra effet le 17 septembre 2008 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 17. September 2008 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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Ref. No.: EN ISO 10360-6:2001/AC:2008 D/E/F

EN ISO 10360-6:2001/AC:2008 (E)

Endorsement notice

The text of ISO 10360-6:2001/Cor.1:2007 has been approved by CEN as a European Corrigendum without any modification.

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<https://standards.iteh.ai/catalog/standards/sist/447aa24b-7ac9-4722-a8a0-b8e71a8af41c/sist-en-iso-10360-6-2004-ac-2008>



INTERNATIONAL STANDARD ISO 10360-6:2001
TECHNICAL CORRIGENDUM 1

Published 2007-05-01

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

Geometrical Product Specifications (GPS) — Acceptance and reverification tests for coordinate measuring machines (CMM) —

Part 6:
Estimation of errors in computing Gaussian associated features

TECHNICAL CORRIGENDUM 1

Spécification géométrique des produits (GPS) — Essai de réception et de vérification périodique des machines à mesurer tridimensionnelles (MMT) —

Partie 6: Estimation des erreurs dans le calcul des éléments associés gaussiens

RECTIFICATIF TECHNIQUE 1

[SIST EN ISO 10360-6:2004/AC:2008](https://standards.iteh.ai/catalog/standards/sist/447aa24b-7ac9-4722-a8a0-b8e71a8af41c/sist-en-iso-10360-6-2004-ac-2008)

<https://standards.iteh.ai/catalog/standards/sist/447aa24b-7ac9-4722-a8a0-b8e71a8af41c/sist-en-iso-10360-6-2004-ac-2008>

Technical Corrigendum 1 to ISO 10360-6:2001 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

Page 9

In the next to last row of Table 3, change r_1 to r_2 . In the last row of Table 3, change r_2 to r_1 .

Page 14, Annex A

In Table A.3, in the part of the table relating to cone, replace $5 \leq \xi \leq \frac{1}{2 \tan \frac{\psi}{2}}$ with $4 \leq \xi \leq \frac{1}{2 \tan \frac{\psi}{2}}$.

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Ref. No. ISO 10360-6:2001/Cor.1:2007(E)

ISO 10360-6:2001/Cor.1:2007(E)

Page 14, Annex A

In Table A.3, replace the Torus section with the following:

	—	$\xi = r_2/r_1$
Torus	FM, FI	$\frac{1}{10} \leq \xi \leq \frac{9}{10}$ $\pi \text{ rad} \leq \theta \leq 2\pi \text{ rad}$ $\frac{1}{2} \pi \text{ rad} \leq \phi \leq \frac{3}{2} \pi \text{ rad}$
	PM, PI	$\frac{1}{10} \leq \xi \leq \frac{9}{10}$ $\frac{\pi}{2} \text{ rad} \leq \theta \leq \pi \text{ rad}$ $\frac{3}{4} \pi \text{ rad} \leq \phi \leq \frac{5}{4} \pi \text{ rad}$

Page 15, Annex A

In the second sentence of the first paragraph of A.4, interchange 10^{-4} with 10^{-3} , to give the following:

“The maximum form deviation of the sampled points ζ [see A.2, h] is 10^{-3} for reference data set types (FM, PM) and 10^{-4} for reference data set types (FI, PI), respectively, multiplied by the extent size.”

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Page 15, Annex A

Replace the second paragraph of A.5 with the following: <https://standards.iteh.ai/catalog/standards/sist/447aa24b-7ac9-4722-a8a0-10360-6:2004/AC:2008><https://standards.iteh.ai/catalog/standards/sist/447aa24b-7ac9-4722-a8a0-10360-6:2004/AC:2008>

“A nominal sampling point shall be generated at random in each subset^a and shall then be projected onto the deformed extent, normally to the nominal extent, by taking the same value(s) of the linear (1D) or real (2D) coordinate(s) of the nominal sampling points in the deformed extent.”

Page 16, Annex A

In Table A.5:

- 1) Change superscript ^b to ^c at the end of the specification for torus and at the bottom of the table.
- 2) Change superscript ^a to ^b at the end of the specification for cone and at the bottom of the table.
- 3) Add a superscript ^a to the end of the specification for the sphere and add a note to the bottom of Table A.5 with superscript ^a saying: “The use of the linear coordinate z instead of the angular (θ, φ) avoids oversampling near the poles and provides patches of equal area.”

Page 17, Annex A

In Table A.6, replace 10 with: “The lesser of 10 μm and the maximum form error size of the feature.”