SLOVENSKI STANDARD
SIST EN ISO 10360-4:2000/AC:2004

01-maj-2004

Specifikacija geometrijskih veličin izdelka - Preskusi za sprejemljivost in ponovno overjanje koordinatnih merilnih strojev (KMS) - 4. del: Koordinirano merjenje strojev z uporabo načina merjenja s preslikavo (ISO 10360-4:2000/Cor.1:2002)

Geometrical Product Specifications (GPS) - Acceptance and reverification tests for coordinate measuring machines (CMM) - Part 4: CMMs used in scanning measuring mode (ISO 10360-4:2000/Cor.1:2002)

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Geometrische Produktspezifikation (GPS) - Annahmeprüfung und Bestätigungsprüfung für Koordinatenmessgeräte (KMG) - Teil 4: KMG in Scanningmodus (ISO 10360-4:2000/Cor.1:2002)

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[illegible]

Spécification géometrique des produits (GPS) - Essais de réception et de vérification périodique des machines a mesurer tridimensionnelles (MMT) - Partie 4: MMT utilisées en mode de mesure par scanning (ISO 10360-4:2000/Cor.1:2002)

Ta slovenski standard je istoveten z: **EN ISO 10360-4:2000/AC:2002**

ICS:

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

SIST EN ISO 10360-4:2000/AC:2004 **en**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 10360-4:2000/AC

December 2002
Décembre 2002
Dezember 2002

ICS 17.040.30

English version
Version Française
Deutsche Fassung

Geometrical Product Specifications (GPS) - Acceptance and reverification tests for coordinate measuring machines (CMM) - Part 4: CMMs used in scanning measuring mode (ISO 10360-4:2000/Cor.1:2002)

Spécification géometrique des produits (GPS) - Essais de réception et de vérification périodique des machines à mesurer tridimensionnelles (MMT) - Partie 4: MMT utilisées en mode de mesure par scanning (ISO 10360-4:2000/Cor.1:2002)

Geometrische Produktspezifikation (GPS) - Annahmeprüfung und Bestätigungsprüfung für Koordinatenmessgeräte (KMG) - Teil 4: KMG in Scanningmodus (ISO 10360-4:2000/Cor.1:2002)

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This corrigendum becomes effective on 18 December 2002 for incorporation in the three official language versions of the EN.

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Ce corrigendum prendra effet le 18 décembre 2002 pour incorporation dans les trois versions linguistiques officielles de l'EN.

Die Berichtigung tritt am 18. Dezember 2002 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 10360-4:2000/AC:2002 D/E/F

SIST EN ISO 10360-4:2000/AC:2004

English version

Endorsement notice

The text of ISO 10360-4:2000/Cor.1:2002 has been approved by CEN as a European Corrigendum without any modifications.

Version française

Notice d'entérinement

Le texte de l'ISO 10360-4:2000/Cor.1:2002 a été approuvé par le CEN comme Corrigendum européen sans aucune modification.

Deutsche Fassung

Anerkennungsnotiz

Der Text von ISO 10360-4:2000/Cor.1:2002 wurde vom CEN als Europäisches Corrigendum ohne irgendeine Abänderung genehmigt.

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SIST EN ISO 10360-4:2000/AC:2004

INTERNATIONAL STANDARD ISO 10360-4:2000
TECHNICAL CORRIGENDUM 1

Published 2002-11-15

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

Part 4:
CMMs used in scanning measuring mode

TECHNICAL CORRIGENDUM 1

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

Partie 4: MMT utilisées en mode de mesure par scanning

RECTIFICATIF TECHNIQUE 1

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Technical Corrigendum 1 to ISO 10360-4:2000 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification.*

Throughout ISO 10360-4:2000, symbols

Replace the symbols τ, MPT_{τ}, Tij and MPE_{Tij} by the following symbols, respectively, wherever the former appear in the document.

"τij"

"$MPT_{\tau ij}$"

"Tij"

"MPE_{Tij}"

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Page 5, 5.4

Replace the penultimate paragraph of 5.4 with the following.

"Record the time(s) for scanning test(s), τij, from the intermediate point at the start of the first scan sequence to the intermediate point at the end of the fourth scan sequence."

Page 5, 6.1

Replace 6.1 c) with the following.

"c) the time(s) taken for scanning test(s), τij, is (are) no greater than the maximum permissible time(s) for scanning test, $MPT_{\tau ij}$, as specified by the manufacturer taking into account the uncertainty measurement in accordance with ISO 14253-1."

Page 6, 6.2

Replace 6.2 c) with the following.

"c) the time(s) taken for scanning test(s), τij, is (are) no greater than the maximum permissible time(s) for scanning test, $MPT_{\tau ij}$, as specified by the user. If compliance with the specification shall be proved, the uncertainty of measurement shall be taken into account in accordance with ISO 14253-1."

Page 6, 7.1

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Replace the last two paragraphs of 7.1 with the following paragraphs, respectively:

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… "the acceptance test specified in this part of ISO 10360 can be used as a test to verify the performance of a CMM used in scanning measuring mode in accordance with the specified maximum permissible scanning probing error(s), MPE_{Tij}, and maximum permissible time(s) for scanning test(s), $MPT_{\tau ij}$, as agreed upon by the supplier and the customer."

"If the supplier does not specify any limitation, the stated maximum permissible scanning probing error(s), MPE_{Tij}, and maximum permissible time(s) for scanning test(s), $MPT_{\tau ij}$, apply for any orientation of the stylus and for any location and orientation of the test sphere on the CMM."

Page 6, 7.2

Replace the text of 7.2 by the following.

"In an organization's internal quality assurance system, the reverification test specified in this part of ISO 10360 may be used as a test to verify the performance of a CMM used in scanning measuring mode in accordance with the specified maximum permissible scanning probing error(s), MPE_{Tij}, and maximum permissible time(s) for scanning test(s), $MPT_{\tau ij}$, as stated by the user with possible detailed limitation applied."

Page 7, 7.3

Replace the text of the first paragraph of 7.3 by the following.

"In an organization's internal quality assurance system, a reduced reverification test may be used periodically to demonstrate the probability that the CMM conforms with specified requirements regarding the maximum permissible scanning probing error(s), MPE_{Tij}, and maximum permissible time(s) for scanning test(s), $MPT_{\tau ij}$."

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