

# SLOVENSKI STANDARD

## SIST EN ISO 286-2:2010/AC:2014

01-junij-2014

Nadomešča:  
SIST ISO 286-2:1999

---

### Specifikacija geometrijskih veličin izdelka - Sistem ISO za tolerance dolžinskih mer - 2. del: Preglednice standardnih toleranc in mejnih odstopkov za luknje in gredi (ISO 286-2:2010/Cor 1:2013)

Geometrical product specifications (GPS) - ISO code system for tolerances on linear sizes - Part 2: Tables of standard tolerance classes and limit deviations for holes and shafts - Technical Corrigendum 1 (ISO 286-2:2010/Cor 1:2013)

Geometrische Produktspezifikation (GPS) - ISO-Toleranzsystem für Längenmaße - Teil 2: Tabellen der Grundtoleranzgrade und Grenzabmaße für Bohrungen und Wellen (ISO 286-2:2010/Cor 1:2013)

<https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014>

Spécification géométrique des produits (GPS) - Système de codification ISO pour les tolérances sur les tailles linéaires - Partie 2: Tableaux des classes de tolérance normalisées et des écarts limites des alésages et des arbres - Rectificatif technique 1 (ISO 286-2:2010/Cor 1:2013)

**Ta slovenski standard je istoveten z: EN ISO 286-2:2010/AC:2013**

---

#### **ICS:**

17.040.10	Tolerance in ujemi	Limits and fits
17.040.40	Specifikacija geometrijskih veličin izdelka (GPS)	Geometrical Product Specification (GPS)

**SIST EN ISO 286-2:2010/AC:2014** en

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 286-2:2010/AC:2014

<https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014>

EUROPEAN STANDARD

**EN ISO 286-2:2010/AC**

NORME EUROPÉENNE

August 2013

EUROPÄISCHE NORM

Août 2013

August 2013

ICS 17.040.10

English version  
Version Française  
Deutsche Fassung

Geometrical product specifications (GPS) - ISO code system for tolerances on linear sizes - Part 2: Tables of standard tolerance classes and limit deviations for holes and shafts - Technical Corrigendum 1 (ISO 286-2:2010/Cor 1:2013)

Spécification géométrique des produits (GPS) - Système de codification ISO pour les tolérances sur les tailles linéaires - Partie 2: Tableaux des classes de tolérance normalisées et des écarts limites des alésages et des arbres - Rectificatif technique 1 (ISO 286-2:2010/Cor 1:2013)

Geometrische Produktspezifikation (GPS) - ISO-Toleranzsystem für Längenmaße - Teil 2: Tabellen der Grundtoleranzgrade und Grenzabmaße für Bohrungen und Wellen (ISO 286-2:2010/Cor 1:2013)

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

This corrigendum becomes effective on 7 August 2013 for incorporation in the three official language versions of the EN.

<https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014>

Ce corrigendum prendra effet le 7 août 2013 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 7. August 2013 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

© 2013 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.  
Tous droits d'exploitation sous quelque forme et de quelque manière que ce soit réservés dans le monde entier aux membres nationaux du CEN.  
Alle Rechte der Verwertung, gleich in welcher Form und in welchem Verfahren, sind weltweit den nationalen Mitgliedern von CEN vorbehalten.

Ref. No.: EN ISO 286-2:2010/AC:2013 D/E/F

## Contents

	Page
Foreword.....	3

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 286-2:2010/AC:2014](https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014)  
<https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014>

## Foreword

This document (EN ISO 286-2:2010/AC:2013) has been prepared by Technical Committee ISO/TC 213 "Dimensional and geometrical product specifications and verification" in collaboration with Technical Committee CEN/TC 290 "Dimensional and geometrical product specification and verification" the secretariat of which is held by AFNOR.

### Endorsement notice

The text of ISO 286-2:2010/Cor 1:2013 has been approved by CEN as EN ISO 286-2:2010/AC:2013 without any modification.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 286-2:2010/AC:2014](https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014)

<https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 286-2:2010/AC:2014

<https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014>



**INTERNATIONAL STANDARD ISO 286-2:2010**  
**TECHNICAL CORRIGENDUM 1**

Published 2013-08-01

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

**Geometrical product specifications (GPS) — ISO code system  
for tolerances on linear sizes —**

**Part 2:  
Tables of standard tolerance classes and limit deviations for  
holes and shafts**

TECHNICAL CORRIGENDUM 1

*Spécification géométrique des produits (GPS) — Système de codification ISO pour les tolérances sur les tailles linéaires —*

*Partie 2: Tableaux des classes de tolérance normalisées et des écarts limites des alésages et des arbres*

RECTIFICATIF TECHNIQUE 1

[SIST EN ISO 286-2:2010/AC:2014](https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014)

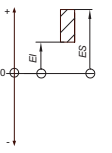
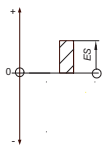
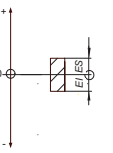
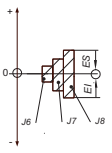
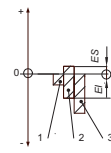
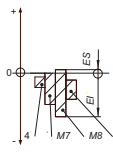
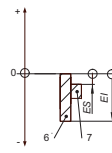
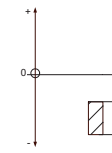
<https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014>

Technical Corrigendum 1 to ISO 286-2:2010 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verifications*.

## ISO 286-2:2010/Cor.1:2013(E)

Page 2, Figure 1

Replace Figure 1 by the following:

Limit deviation							
A to G	H	JS	J	K	M	N	P to ZC
 $ES = EI + IT$ $EI > 0$ (see Table 2)	 $ES = 0 + IT$ $EI = 0$	 $ES = +IT/2$ $EI = -IT/2$	 $ES > 0$ (see Table 2)	 $ES$ (see Table 2 and 3)	 $ES$ (see Table 2 and 3)	 $EI = ES - IT$	 $ES < 0$ (see Table 3)
NOTE 1 IT, see Table 1.							
NOTE 2 The represented tolerance intervals correspond approximately to a nominal size range of above 10 mm up to and including 18 mm.							

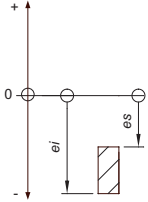
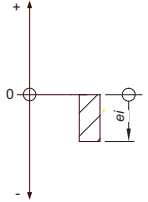
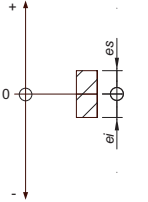
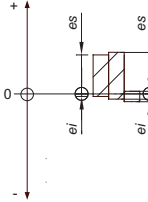
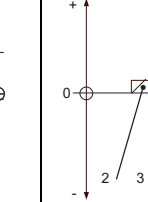
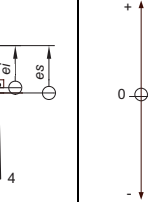
## Key

- 1 K1 to K3, and also K4 to K8, for nominal size  $\leq 3$  mm
- 2 K4 to K8, for sizes for which  $3 \text{ mm} < \text{nominal size} \leq 500 \text{ mm}$
- 3 K9 to K18, and also K4 to K8 for nominal size  $> 500 \text{ mm}$
- 4 M1 to M6
- 5 M9 to M18, and also M7 to M8 for nominal size  $> 500 \text{ mm}$
- 6 N1 to N8 and also N9 to N18 for sizes for which  $1 \text{ mm} < \text{nominal size} \leq 3 \text{ mm}$ , as well as nominal size  $> 500 \text{ mm}$
- 7 N9 to N18 for sizes for which  $3 \text{ mm} < \text{nominal size} \leq 500 \text{ mm}$



Page 3, Figure 2

Replace Figure 2 by the following:

Limit deviation					
a to g	h	js	j	k	m to z
 <p><math>es &lt; 0</math> (see Table 4)</p> <p><math>ei = es - IT</math></p>	 <p><math>es = 0</math></p> <p><math>ei = 0 - IT</math></p>	 <p><math>es = + IT/2</math></p> <p><math>ei = - IT/2</math></p>	 <p><math>es = ei + IT</math></p> <p><math>ei &lt; 0</math> (see Table 4)</p>	 <p><math>es = ei + IT</math></p> <p><math>ei = 0 \text{ or } &gt; 0</math> (see Table 5)</p>	 <p><math>es = ei + IT</math></p> <p><math>ei &gt; 0</math> (see Table 5)</p>
<p>NOTE 1 IT, see Table 1.</p> <p>NOTE 2 The represented tolerance intervals correspond approximately to a nominal size range of above 10 mm up to and including 18 mm.</p>					

iTeh STANDARD PREVIEW  
(standards.iteh.ai)

SIST EN ISO 286-2:2010/AC:2014  
<https://standards.iteh.ai/catalog/standards/sist/6c11adc9-21f5-4801-84bd-897324da4081/sist-en-iso-286-2-2010-ac-2014>

**Key**

- 1 j5, j6
- 2 k1 to k3, and also k4 to k7 for nominal size  $\leq 3$  mm
- 3 k4 to k7 for sizes where  $3 \text{ mm} < \text{nominal size} \leq 500$  mm
- 4 k8 to k18, and also k4 to k7 for sizes  $> 500$  mm

Page 8, Table 2

In Table 2, replace 60 by 660 as the value for the lower limit deviation,  $Ei$ , for tolerance class A9 for the nominal size above 180 mm up to and including 200 mm.

Page 12, Table 6

In Table 6, replace 25 by 26 as the value for the upper limit deviation,  $ES$ , for tolerance class H1 for the nominal size above 2 500 mm up to and including 3 150 mm.