



INTERNATIONAL STANDARD ISO 286-1:2010
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 1:
Basis of tolerances, deviations and fits**

TECHNICAL CORRIGENDUM 1

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

Partie 1: Base des tolérances, écarts et ajustements

RECTIFICATIF TECHNIQUE 1

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

Page 1: Normative references

Replace the reference to ISO 286-2:— with the following:

ISO 286-2:2010, *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*

Delete the reference to Footnote 1) and the footnote “To be published. (Revision of ISO 286-2:1988)”.

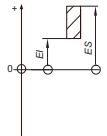
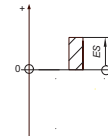
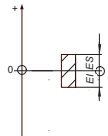
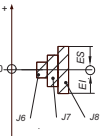
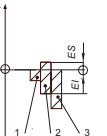
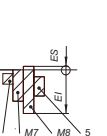
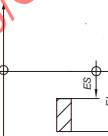
Page 16, 4.3.2.4, Example 3

Replace title by:

Toleranced size for a hole 28 P9 (E)

Page 18, Figure 8

Replace Figure 8 by the following.

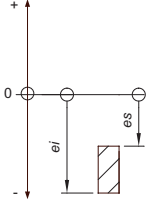
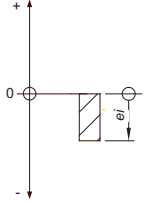
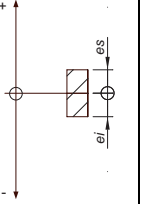
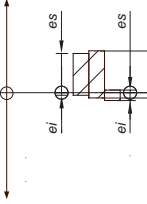
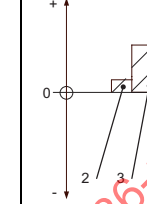
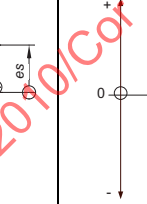
Limit deviation							
A to G	H	JS	J	K	M	N	P to ZC
 $ES = EI + IT$ $EI > 0$ (see Table 2)	 $ES = 0 + IT$ $EI = 0$	 $ES = +IT/2$ $EI = -IT/2$	 $ES > 0$ (see Table 2)	 $ES > 0$ (see Table 2 and 3)	 $ES > 0$ (see Table 2 and 3) $EI = ES - IT$	 $ES > 0$ (see Table 2 and 3)	 $ES < 0$ (see Table 3)
NOTE 1 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 ≤ 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 19, Figure 9

Replace Figure 9 by the following.

Limit deviation					
a to g	h	js	j	k	m to z
 $es < 0$ (see Table 4) $ei = es - IT$	 $es = 0$ $ei = 0 - IT$	 $es = + IT/2$ $ei = - IT/2$	 $es = ei + IT$ $ei < 0$ (see Table 4)	 $es = ei + IT$ $ei = 0 \text{ or } > 0$ (see Table 5)	 $es = ei + IT$ $ei > 0$ (see Table 5)
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 j5, j6
- 2 k1 to k3, and also k4 to k7 for nominal size ≤ 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 22, Table 3

Move the last two rows in Table 3, to Table 3 (continued) on page 23.